

ENTRYPASS

Platform1 User Manual

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Platform1 User Manual

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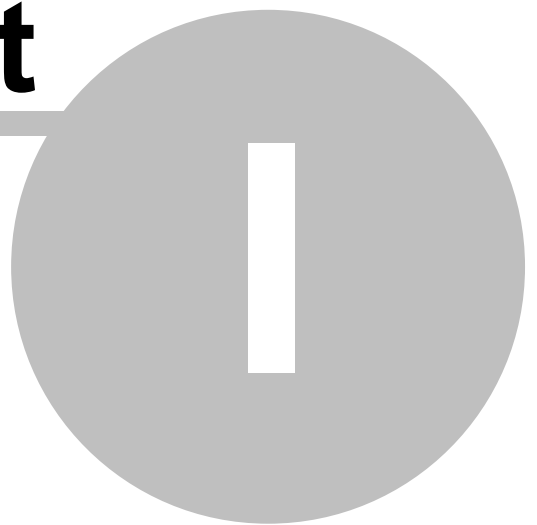
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Part



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WARNING: ENTRYPASS recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this SOFTWARE PRODUCT to fail to perform as expected.

Part



2 Introduction

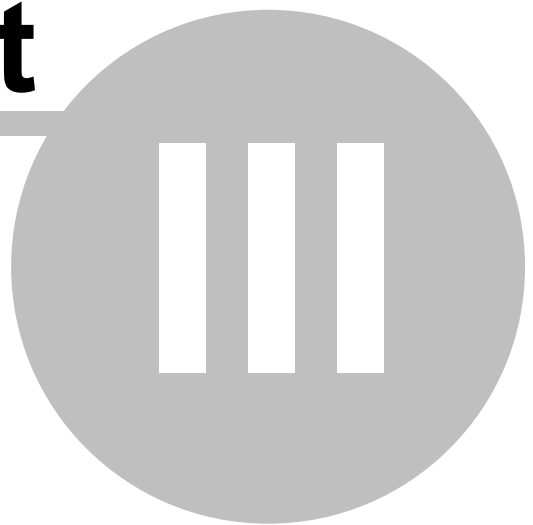
Welcome to Platform1 Access Control System, a powerful client server based software application that provides all the features required in the most demanding application.

Platform1 Access Control System is a comprehensive, tabbed menu driven access control application.

Among the many features Platform1 offers, you will find:

- Remote communication capabilities
- Remote site management capabilities
- Support full range of ENTRYPASS access controllers
- New Controller Found' Wizard
- Lift / Elevator control
- Guard tour integration
- Alarm Monitoring
- Time and attendance reporting
- Support overnight shift for time and attendance
- Support yearly roster schedule for time and attendance shift
- Interactive floor plan
- Visual diagnostic tool

Part



3 Platform1 Manual and Help

This Manual and Help file is intended to P1 Server v3.11.11.01 and below

Software Compatibility

- P1 Client: v3.10.11.01
- P1 Report: v3.07.11.01
- Active Engine: v1.11.10.11
- P1 Guardian: v1.04.10.02
- XSocket: v1.04a.10.11
- Transaction Exporter: v1.06.11.01
- Transaction Server: v1.01b.10.10

Using The User Manual

The user manual is designed for Platform1 Access Control System installers, administrator and users.

Getting Help

Our window-level help will provide you with immediate and context-related help. Press [F1] on your keyboard to display the help or select [Help] from the drop down menu.

Technical Support

If you cannot find the answer to your question in this manual or in the Help files, we recommend you contact your system installer. Your installer is familiar with your system configuration and should be able to answer any of your questions.

Should you need additional information, please call our Technical Support Help desk, Monday to Friday Office Hour

Method	Details
Phone	+ 60 (3) - 8068 1929
Fax	+ 60 (3) - 8068 1922
Internet	www.entrypass.net
Email	support@entrypass.net

Part

IV

4 Software Requirement

Before any installation takes place, make sure that the computers on which the software will be installed meet the necessary requirements.

For information concerning hardware equipment installed with the software, refer to the documentation supplied with the hardware.

This chapter contains information related to the Platform1 software. You will find:

- System requirements
- Additional Requirements

Depending on the system configuration, there are different system hardware requirements for the installation of the Platform1 software.

System Requirements

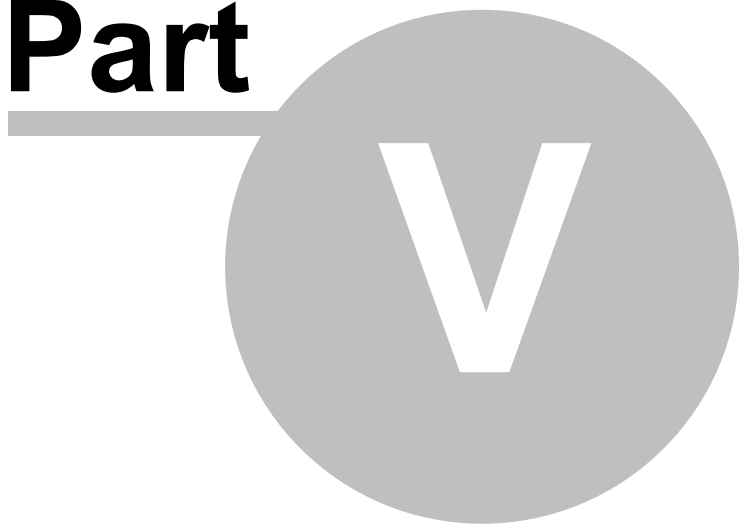
Make sure that the computer on which you are installing the software meets the following requirements:

- Operating Systems:
 - i. Windows 2000 Workstation
 - ii. Windows 2000 Server / 2003 Server
 - iii. Windows XP Professional (SP1 - SP3)
 - iv. Windows Vista
 - v. Windows 7
- Processor:
 - i. Pentium IV at 2000 MHz (minimum)
 - ii. Pentium IV at 3000 MHz (recommended)
- RAM:
 - i. 1 GB RAM (minimum)
 - ii. 2 GB RAM (recommended)
- Minimum free hard disk space: 4 GB (minimum)
- Screen resolution: 1024 x 768
- Graphic adapter: 32 MB
- Media Device: DVD / CD-ROM Drive
- Network Device: 10/100 Base-T network adaptor

Additional Requirements

- A sound card to play alert sounds when an alarm is reported.
- A printer to print reports.

Part



5 Getting Started With Platform1 Server

This chapter introduces user to the Platform1 Access Control System graphical user interface and basic functions.

To start the session, you have to launch the Platform1 Server application. The server is a dedicated computer on a network that manages the access control system database. It is used to receive incoming transactions and dispatch information from server to remote client application.

Platform1 remote client application enable user to access and program the system database and components via a remote workstation which connected to the network.

There are 2 editions in Platform1 software:

Standard Edition

Consists of 1 system user and 2 TA user that can login concurrently into the Platform1 server.

Professional Edition

Consists of 5 system user and 10 TA user that can login concurrently into the Platform1 server. Not only that, Guard Tour System and Lift Access are only applicable in this Professional Edition.

System User can access on all the system database like card adding, controller adding and etc whereas TA User can only view on the time attendance records



NOTE: User may manage the server directly on the server computer or via remote client computer which connected to the network.



NOTE: All authorized users must have a unique and confidential login name and password that should be assigned by the system administrator. It is very important to restrict access to the ENTRYPASS remote client application to authorized personnel only. The default username and password is "**EntryPass**". (Username and password are case sensitive)

To install Platform1 Server Application:

- Place the Platform1 CD installer into your CD/DVD drive and wait for the pop up menu to appear. Browse the CD and double click on the autorun.exe icon if the pop up menu doesn't appear on the screen.
- Install the Firebird Database Engine and then followed by Platform1 Server.



NOTE: For more details on how to install the application, browse the CD installer and go to the MANUALS folder and look for this file: **P1.SIM.pdf**

To Start Platform1 Server Application:

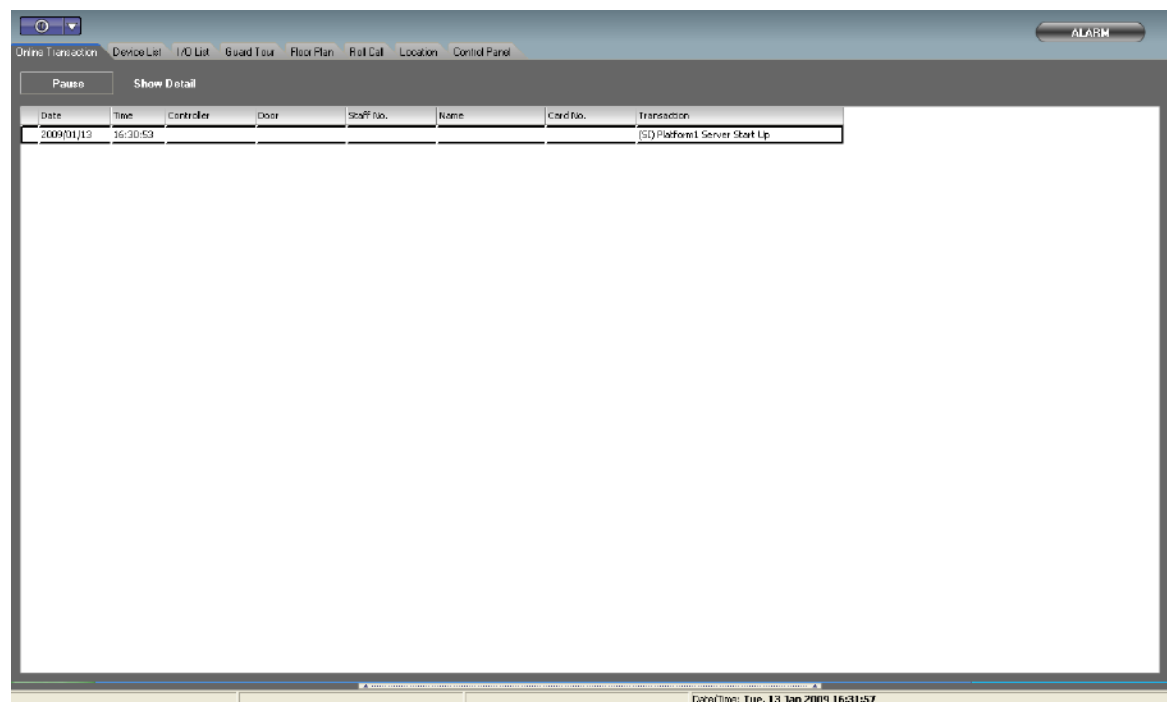
- From the Windows Start menu, click **Start > Programs > P1_Server > P1_Server** or double click on the desktop shortcut icon "P1_Server"

- On startup, the server application will attempt to communicate with the database engine for the first time, if existing database is not found (newly installed system), it will create necessary database files and tables to be used by system.



1. Remain the first option which is "Use system default login. (for new installation of Interbase / Firebird)"
2. Ignore the Password fill.
3. Click on "OK" button to proceed into the software.

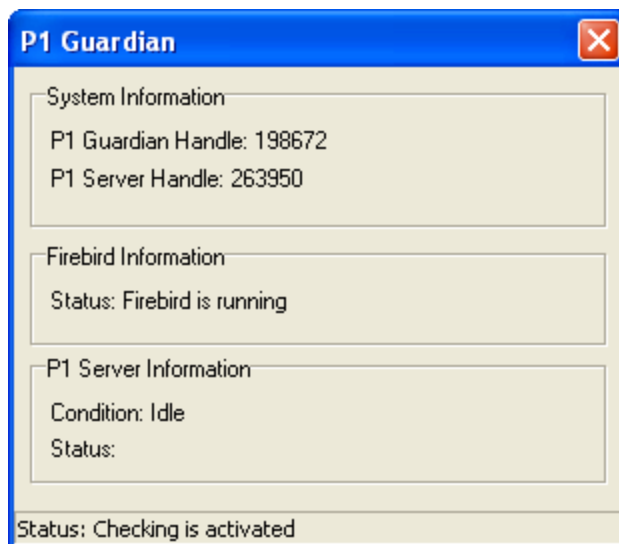
- Once ready, you will see the following screen.



- On the window taskbar you may see 2 new icon added once the system is launched

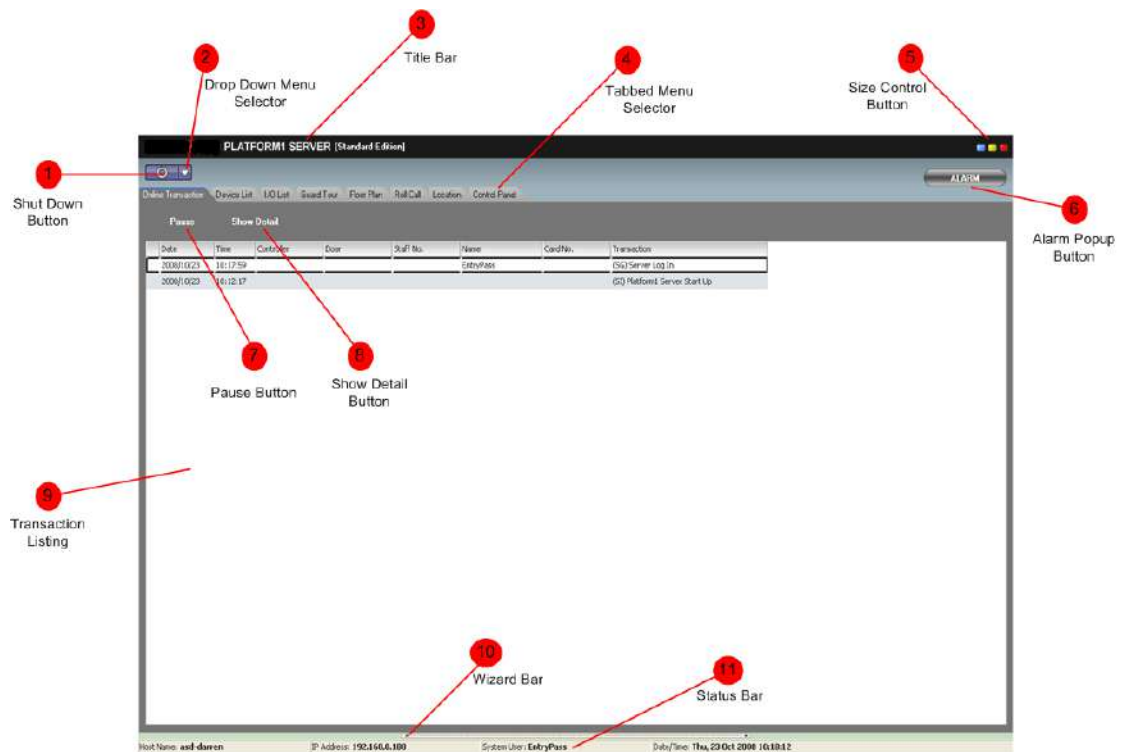


P1 Guardian - Is a Platform1 Server guardian that purpose is to restart back the system if the Platform1 Server is terminated unexpectedly. Double click on the icon to check the P1 Guardian information.



Active Engine - Is an external module that act as a messenger between P1 Server application and N-MINI controller. Any commands sent from P1 Server will be passed to this Active Engine before it reaches N-MINI. On the contrary, any transactions from N-MINI will be passed to Active Engine first before it reaches P1 Server application.

Tab Based Display Menu



1. **Shut Down Button**

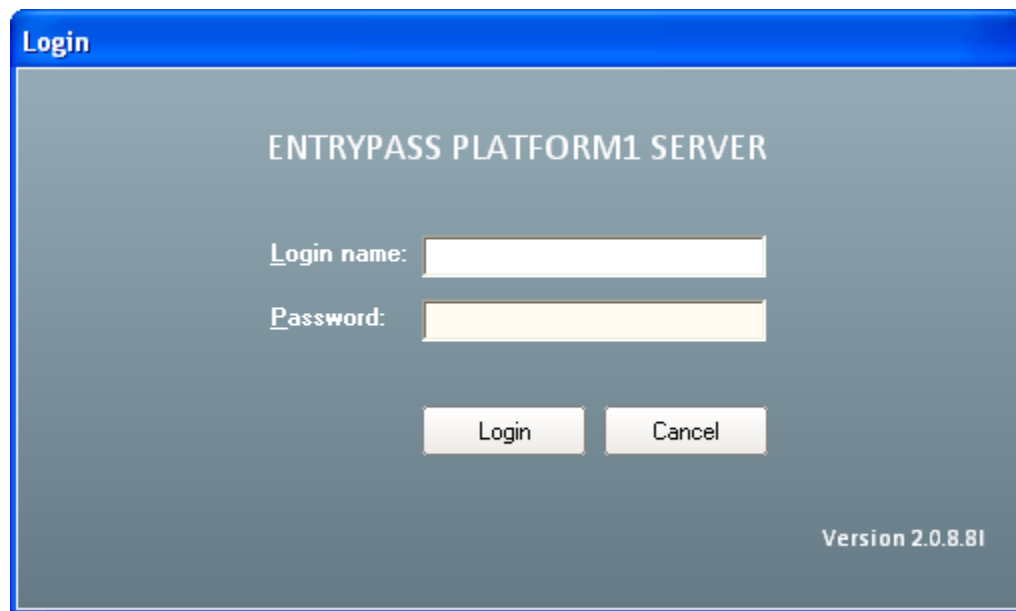
A quick way to shutdown the system completely. Once clicked, system will prompt user for shutdown confirmation (Yes / No). If "Yes", an administrator password is required. The default administrator username and password are "ENTRYPASS".

2. **Drop Down Menu Selector**

Consists of login, log out, Help and About selection.

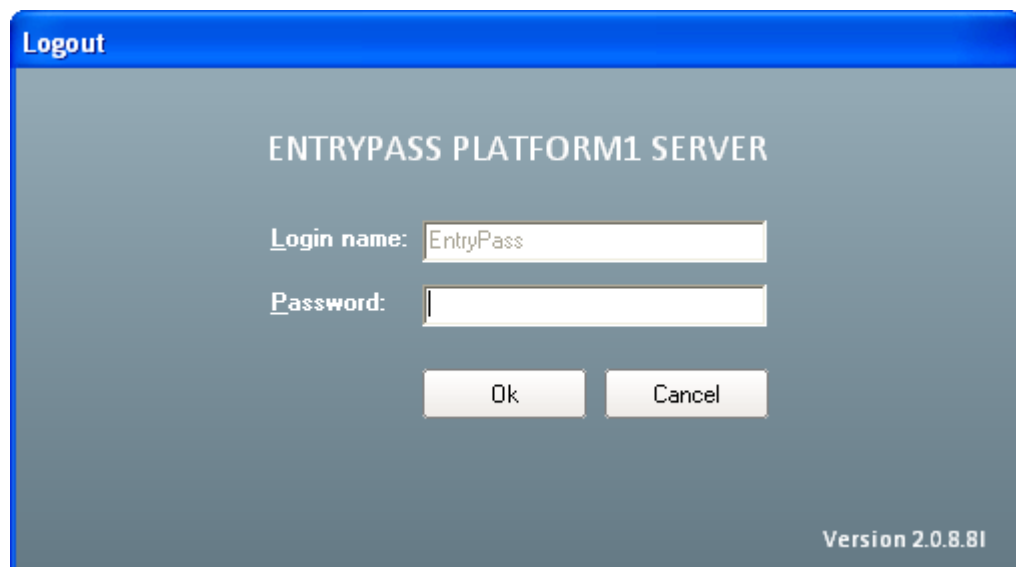
- **Login**

The system requires user to login for the first time the system starts.



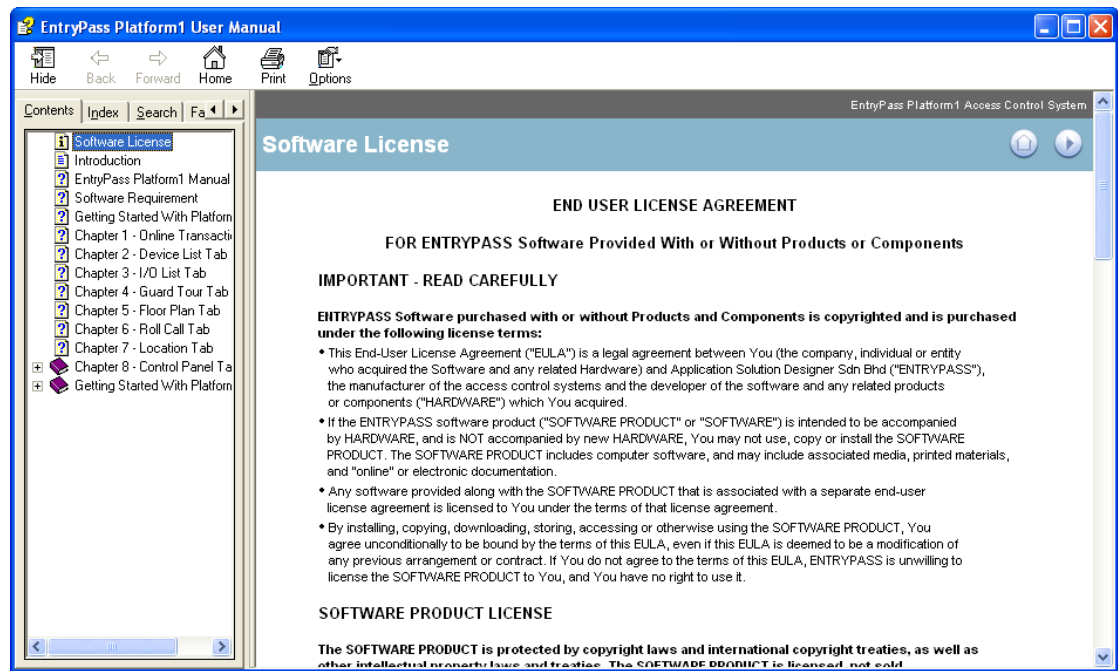
- **Logout**

It is advisable for the user to logout/sign out when the user didn't use the system.



- **Help**

Provide the Software user manual upon click or by pressing 'F1' button on the system screen.



- **About**

Provide user the information of the application such as version, edition and license agreement.



3. **Title Bar**

To display the software title

4. **Tabbed Menu Selector**

A quick way to switch between various monitoring screens

- **Online Transaction Tab**

Display for all transaction occurred in the system

- **Device List Tab**
Display for all controller's status installed in the system
 - **I/O List Tab**
Display for all alarm monitoring controller status installed in the system
 - **Guard Tour Tab**
Display for active guard tour route monitoring (If scheduled)
 - **Floor Plan Tab**
Display for interactive floor plans (If imported)
 - **Roll Call Tab**
Display for all the roll call group in the system for staff monitoring purpose
 - **Location Tab**
Display for all the staff latest location in the system
 - **Control Panel Tab**
Display of various tools used to configure the system
5. **Size Control Button**
Colored buttons used to "Minimize", "Maximize" and "Close" the active windows
 6. **Alarm Popup Button**
Click to display active alarm event in the system for acknowledgement
 7. **Pause/Resume Button**
Click to pause or resume live transaction listing
 8. **Show Details**
Click to display a small popup windows to display additional information of a transaction
 9. **Transaction Listing**
Display of live transaction taken place in the system
 10. **Wizard Bar**
When there is a new controller found in the system, the wizard bar will be blinking and it will prompt a wizard form for user to configure the new controller into the system. (Only applicable for N-MINI controller)
 11. **Status Bar**
Display the status of the system such as date and time, current login user and IP address

Part

VI

6 New Controller Wizard

This chapter introduces user to the "New Controller Wizard" feature. The 'new controller wizard' served as a quick setup tool between Platform1 Server and controller (Only applicable for N-MINI, N5100, N5200, N5400 controllers)

User who are not so familiarize with the manual configuration setup (under the Chapter 8-Control Panel>System>Controller) may find this Wizard tool is useful enough where user only need to follow the steps by steps provided by the wizard tool.

Adding N-MiNi using Wizard

Before using the Wizard feature:

On the N-MINI keypad, user must ensure that the N-MINI have:

1. *Performed Format Memory*
2. *Performed Factory Default (To enable the software to detect the controller)*
3. *Configured IP address*
4. *Configured Subnet Mask (If necessary)*
5. *Configured Gateway (if necessary)*
6. *Configured Server IP*



NOTE: *Factory Default will restore back the following settings to default value:*

IP address: 192.168.1.100

Subnet Mask: 255.255.255.0

Gateway: 0.0.0.0

Port no: 02020

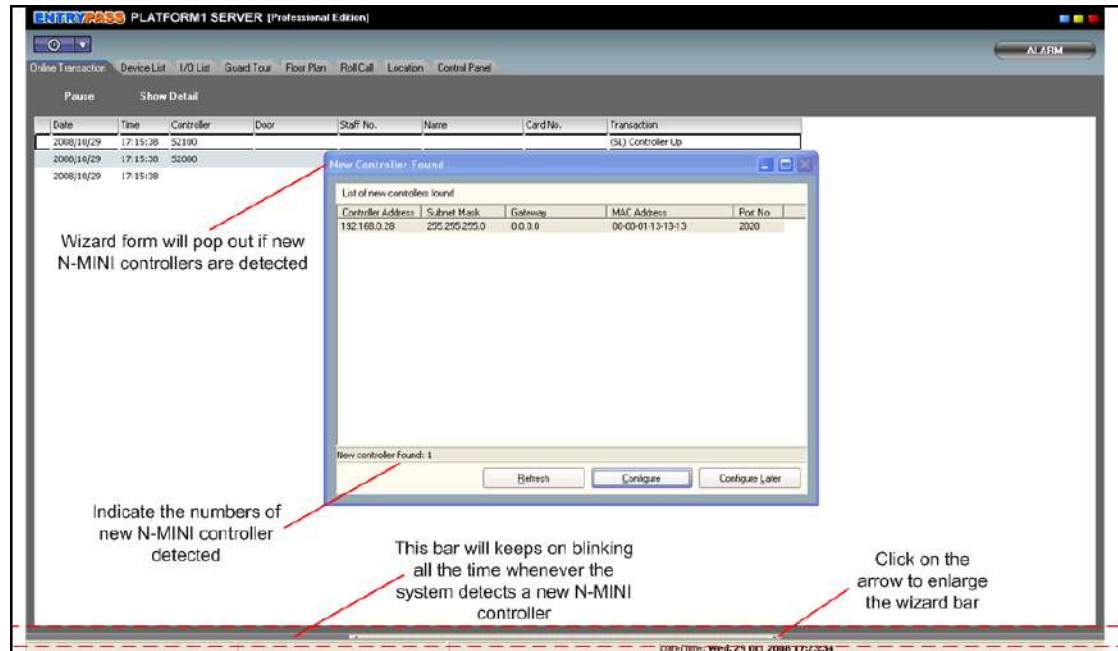
Server IP: 192.168.1.254

To add a new N-MINI controller to the Platform1 Server database using Wizard tool:

- Launch the Platform1 Server application



- Upon the application startup, the wizard form will pop out from the application screen within a splits of second if there is a new controller (N-MINI) report to this application



- To refresh the wizard form, click on the "Refresh" button
- To configure the new controller now, highlight on the controller and click on the "Configure" button:

1. The login form will pop out if the user have not login yet

Login

ENTRYPASS PLATFORM1 SERVER

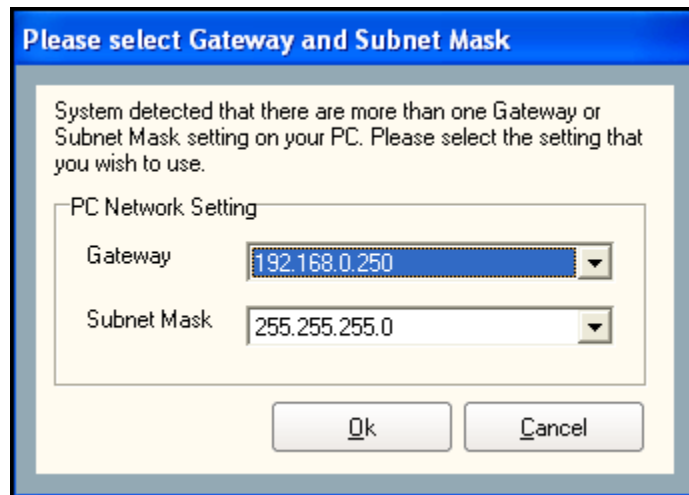
Login name: EntryPass

Password: xxxxxxxxxxxx

Login Cancel

Version 2.0.8.81

2. Fill in the login name followed by the password, click on "Login" button to proceed the wizard steps or "Cancel" to back to the previous form
3. "Please Select Gateway and Subnet Mask" form will only pop out if more than 1 Gateway or Subnet Mask setting in the PC is detected. Please select the appropriate Gateway and Subnet Mask as these setting will be used as default value when N-MINI controllers are added. Once configured, the form will not appear again.



Please select Gateway and Subnet Mask

System detected that there are more than one Gateway or Subnet Mask setting on your PC. Please select the setting that you wish to use.

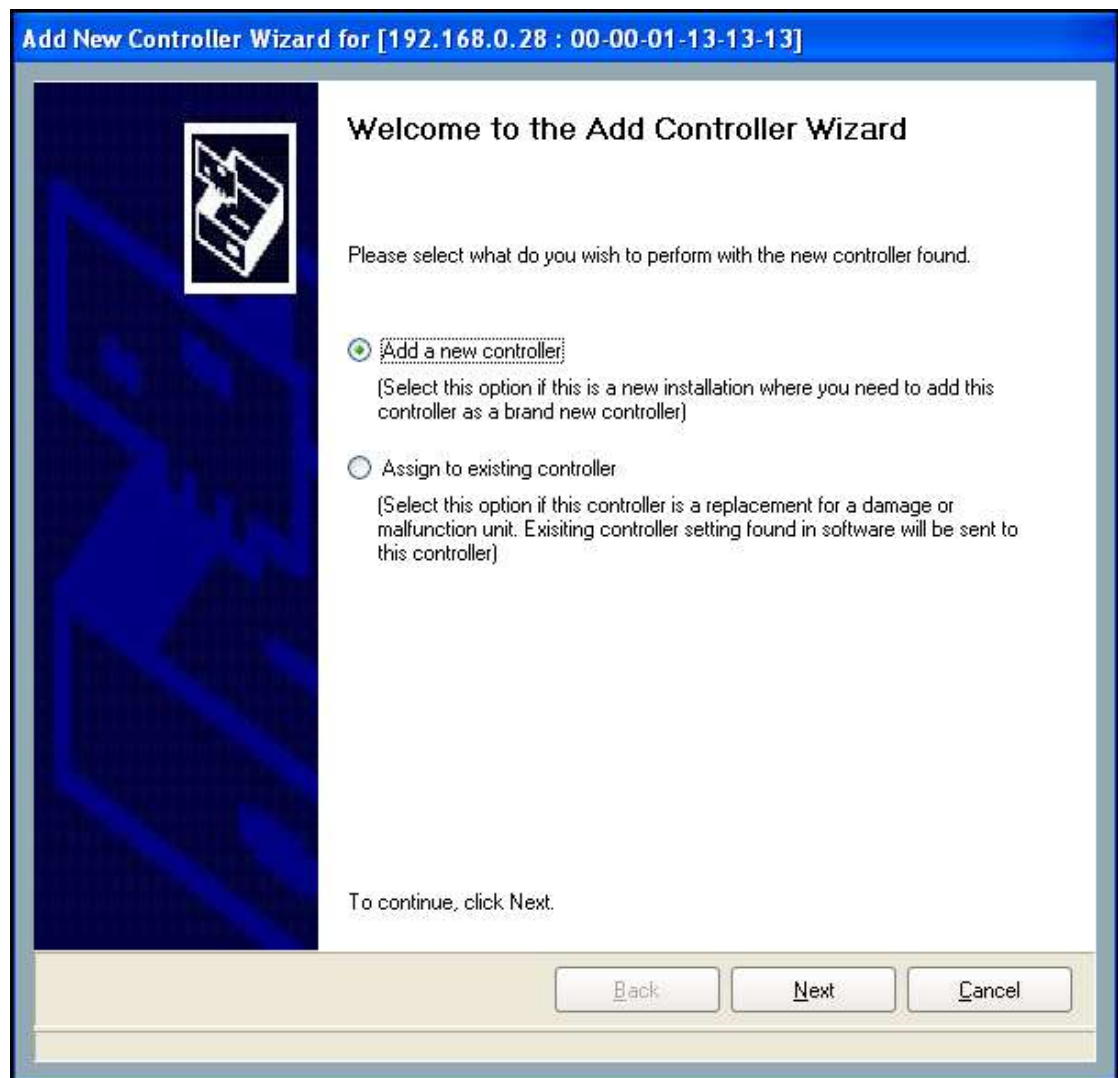
PC Network Setting

Gateway: 192.168.0.250

Subnet Mask: 255.255.255.0

Ok Cancel

4. Click on the "OK" button to proceed back to the wizard process or "Cancel" button to cancel the changes



5. Select the first option "Add a new controller" (for new installation). Only select the second option if this controller is a replacement for a damage or malfunction unit. (The existing controller setting found in software will be sent to this controller)
6. Click on the "Next" button to proceed on or "Cancel" button to cancel the wizard process

Add New Controller Wizard for [192.168.0.28 : 00-00-01-13-13-13]

Please fill up some basic information about this controller. These information will be used to identify this controller.

General Setting

Controller Name *	
Controller Description	
Door Name *	
Door Description	

Field with * is compulsory and must be filled in. To continue, click Next.

7. Fill up the basic information about this new controller where these information will be used to identify this controller in the system (Controller name and Door name are compulsory fields)
8. Click on the "Next" button to proceed with the wizard process
9. Click on the "Back" button to back to previous wizard form or "Cancel" button to cancel wizard process

Add New Controller Wizard for [192.168.0.28 : 00-00-00-01-1A-28]



These are the current setting retrieved from the controller.

Current Controller Setting

Controller Address: 192 . 168 . 0 . 28

Port No.: 2020

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 0 . 0 . 0 . 0

Please fill up the new setting that you wish to send to the controller.

Active Engine

Active Engine ID: 1

New Controller Setting

Controller Address *: 192 . 168 . 0 . 28

Port No. *: 44002

Subnet Mask *: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 0 . 250

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

10. *Current Controller Setting: This section is to show the current setting on the N-MINI controller*
11. *Active Engine ID: This section is to arrange the controller to report to which Active Engine (Since Platform1 Server can cater up to 10 Active Engine and this will be further explain under CONTROL PANEL>SYSTEM>PREFERENCE). Default just select as Active Engine ID no. 1)*
12. *New Controller Setting: This section allowed user to change the desired controller IP address, port no, Subnet Mask or even Gateway to suits the network environment. (Note: The new controller setting will take immediate effect on the controller when the wizard is performing data sending to the controller)*
13. *The field with * is compulsory and must be filled in. To continue the wizard process, click on the "Next" button to proceed. Click "Back" button to back to previous form or "Cancel" button to cancel the wizard process*

The form below will only appear If the N-MINI controller is installed in remote site:

Add New Controller Wizard for [192.168.0.40 : 00-00-00-01-1A-78]

System detected that this controller is reporting via a remote Router. Please select the action that you wish to perform.

☒ Add a new remote router setting

Router Name *

RouterDescription

Connect by

IP Address *

☐ Use an existing remote router setting

Router Name *

IP Address/Host Name

Port Forwarding

Current Port No.

New Port No. *

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

Status:

Select this option if the system already have the remote router configuration

Otherwise, the system will directly proceed to the wizard access level form as shown below:

Add New Controller Wizard for [192.168.0.28 : 00-00-01-13-13-13]

Please tick the Access Level that you wish to have this controller and select its respective In Time Zone.

	Access Level	In Time Zone
☒	1	1 - 24 Hours Active
☐	2	1 - 24 Hours Active
☐	3	1 - 24 Hours Active
☐	4	1 - 24 Hours Active
☐	5	1 - 24 Hours Active

Click Finish to add the controller and end the wizard.

14. This section is to assign the controller into which selected access level and user can define the time zone for the controller in each access level

15. To assign the time zone for the selected access level:

Add New Controller Wizard for [192.168.0.28 : 00-00-01-13-13-13]

Please tick the Access Level that you wish to have this controller and select its respective In Time Zone.

	Access Level	In Time Zone
☒	1	1 - 24 Hours Active
☐	2	1 - 24 Hours Active
☐	3	1 - 24 Hours Active
☒	4	2
☐	5	0 Not Active 1 24 Hours Active 2 Working Time Zone 3 lock

Select All Unselect All Show Access Level Detail

Click Finish to add the controller and end the wizard.

Back Finish Cancel

16. Checked on the selected access level that you wish to add the controller into and on the 'In Time Zone' column, click on the selection box to select the desire time zone for the controller

Add New Controller Wizard for [192.168.0.28 : 00-00-01-13-13-13]

Please tick the Access Level that you wish to have this controller and select its respective In Time Zone.

Access Level	In Time Zone
☒ 1	1 - 24 Hours Active
☒ 2	1 - 24 Hours Active
☐ 3	1 - 24 Hours Active
☐ 4	2 - Working Time Zone
☐ 5	1 - 24 Hours Active

Click Finish to add the controller and end the wizard.

Access Level Detail

Access Level: 2 - H&R access level

Door Name	In Time Zone
Main Door	1 - 24 Hours Active
2nd Entrance	1 - 24 Hours Active

17. Click on the "Show Access Level Detail" button to view the detail of the selected access level such as door name
18. Click on the "Finish" button to proceed with the wizard process.
19. Click on "Back" button to back to previous form or "Cancel" button to cancel the wizard process

Send Option

System recommend to use Active Downloader for the following N-MINI controllers:
(NOTE: System will use Conventional method for those controllers which are not listed)

N-MINI Controller	Cards need to send
28	303

Total: 1

☒ Active Downloader
 (WARNING: If Active Downloader is used, please take note that all cards at the controller will be cleared before cards are sent. Hence the associated door will reject all cards while sending of cards is in progress. Also, number of cards send are regardless of selection made earlier (if any). Instead, ALL cards will be sent)

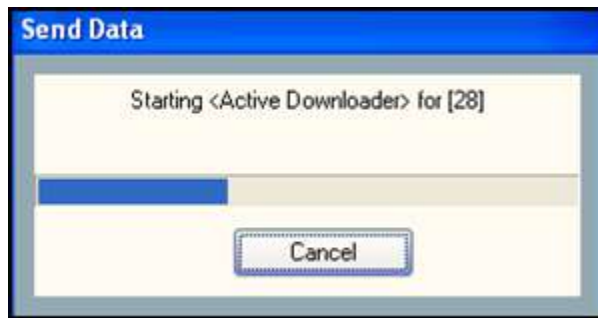
☐ Security Off (disable security of door) while sending
☐ Security On (enable security door) after complete sending

☐ Conventional (one by one) send

(NOTE: For both method, the capacity of card for each N-MINI controller is 10000 cards only. Hence, only 10000 cards will be sent even though you have more)

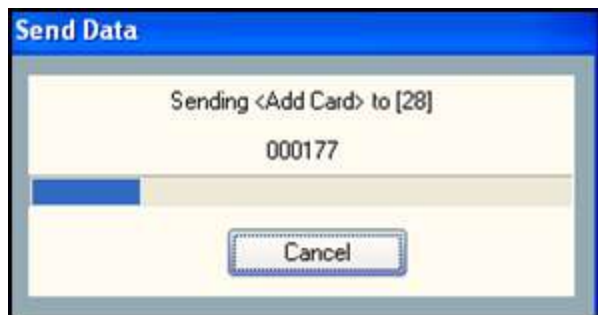
OK

20. This "Send Option" form is to let you choose which method to use in sending cards to controller. There are 2 types of card sending method whereby 1 is Active Downloader and the other is Conventional way (one by one). If active downloader is used, please take note that all cards at the controller will be cleared before cards are sent under this active downloader.
21. Under the Active Downloader method, you can checked on the "Security Off (disable security of door) while sending" and "Security On (enable security door) after complete sending" to make sure that the particular door can still be access by the users while the system is updating the database to controller.



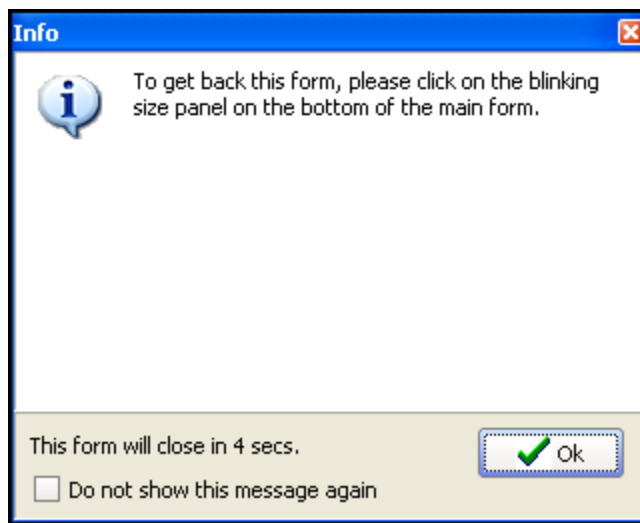
NOTE: While the system is starting up the Active Downloader process, the N-MINI LCD display will show "SYSTEM UPDATING" on the screen until it finish downloading.

22. Under the Conventional (one by one) send method, you can observe that the card numbers are sending one by one and this method takes longer time to finish compare with Active Downloader method.

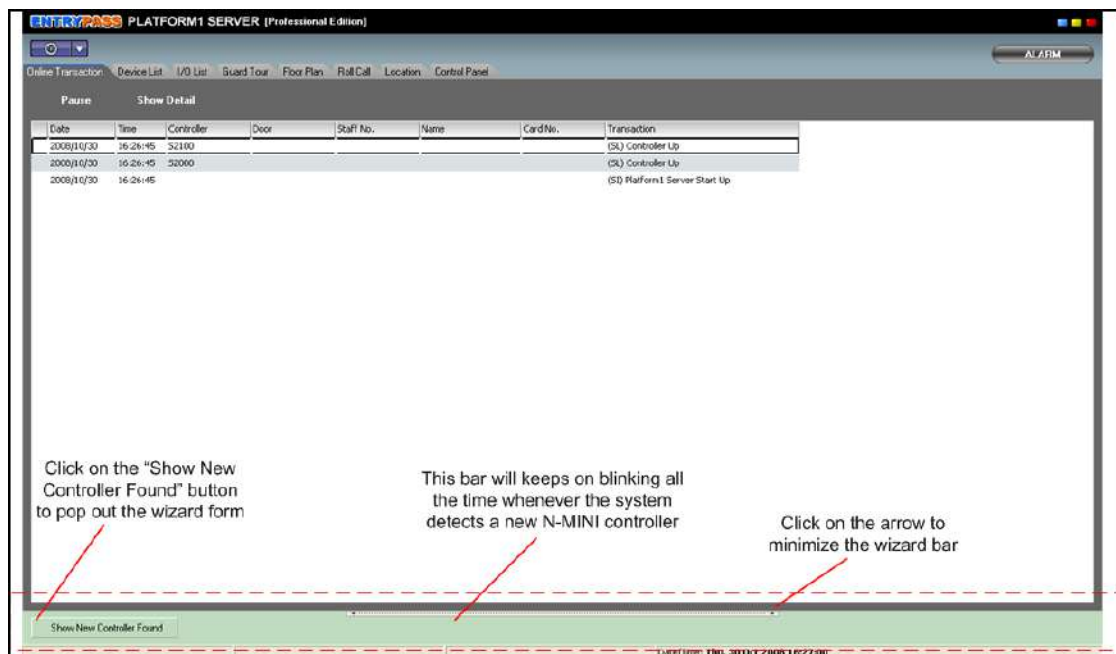


*NOTE: "Send Option" form will only appear if the card numbers that belong to the selected access level have **more than 300 cards**. Otherwise the wizard will automatically send the card using conventional method (below 300 cards)*

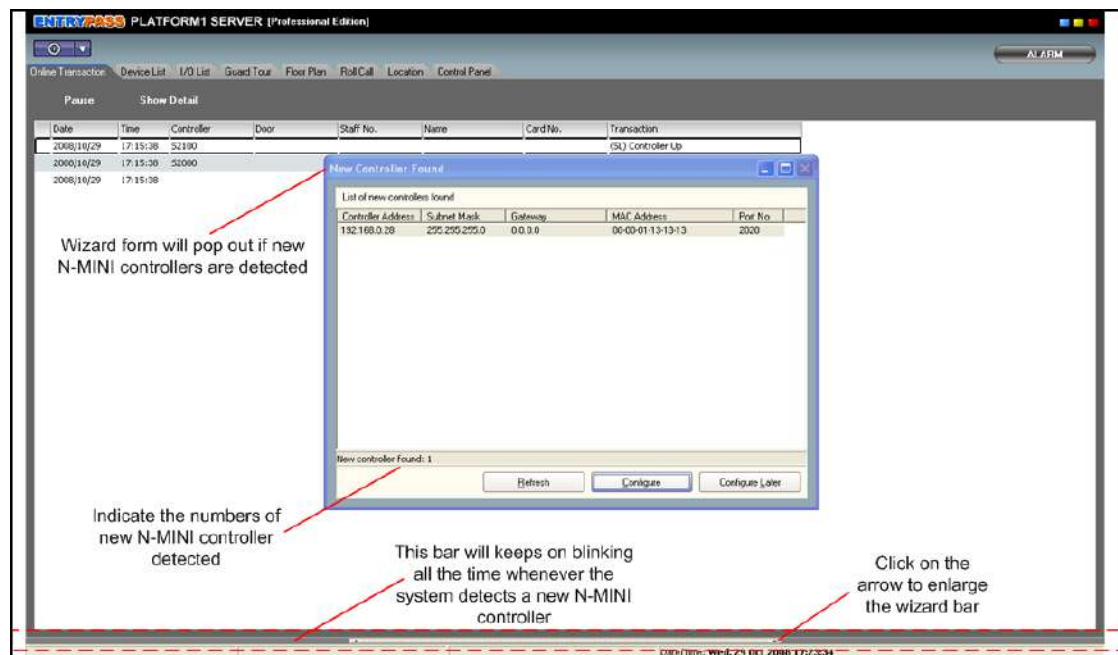
- To configure new controller later, click on the "Configure Later" button:



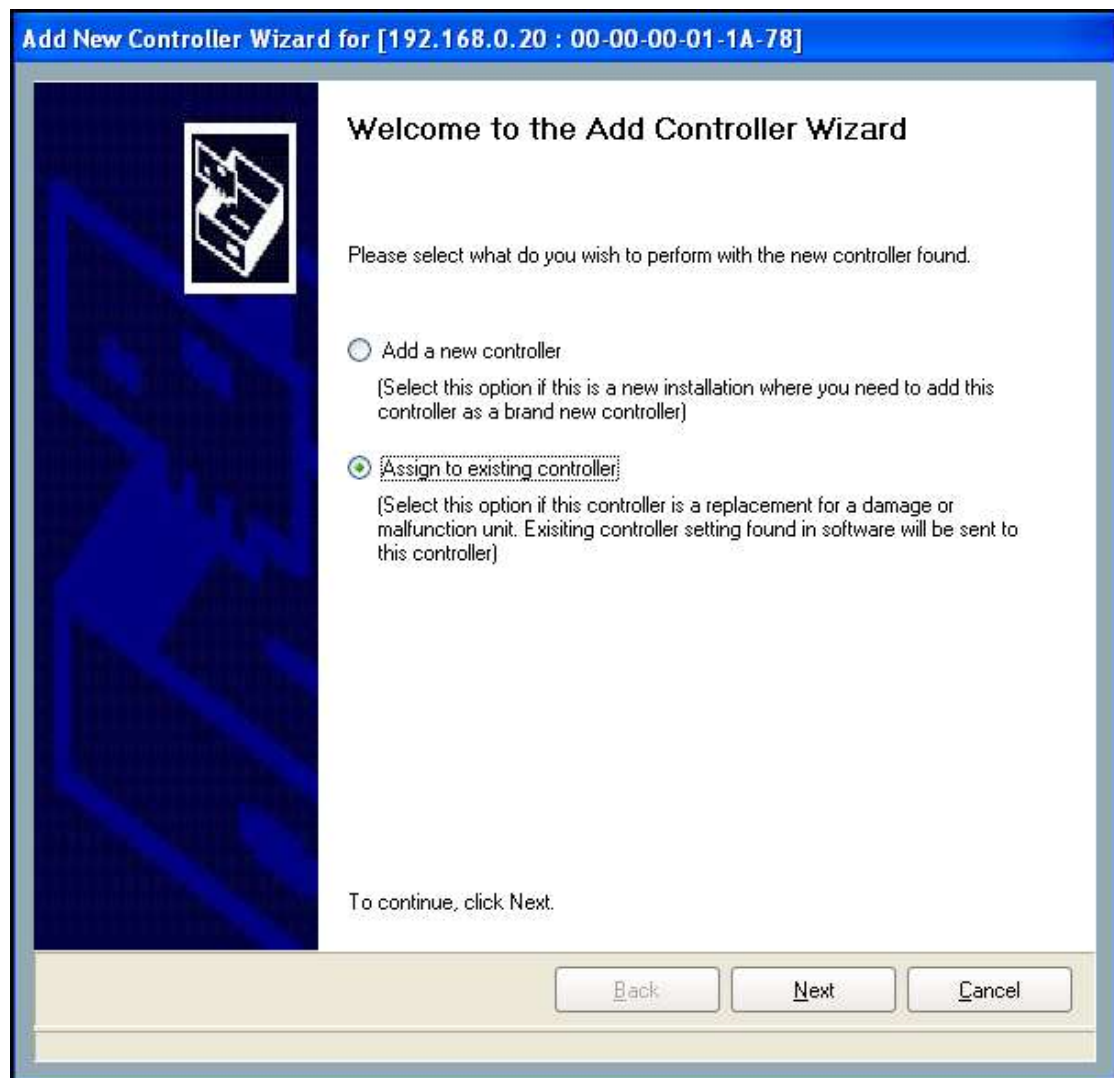
1. Checked on the "Do not show this message again" if you do not wish the system to display this message form again every time when you click on "Configure Later" button. The wizard form will not pop out again if there is another new N-MINI controller detected unless you restart the application again. Otherwise you need to click on the arrow to enlarge the wizard bar to click on the "Show New Controller Found" button.



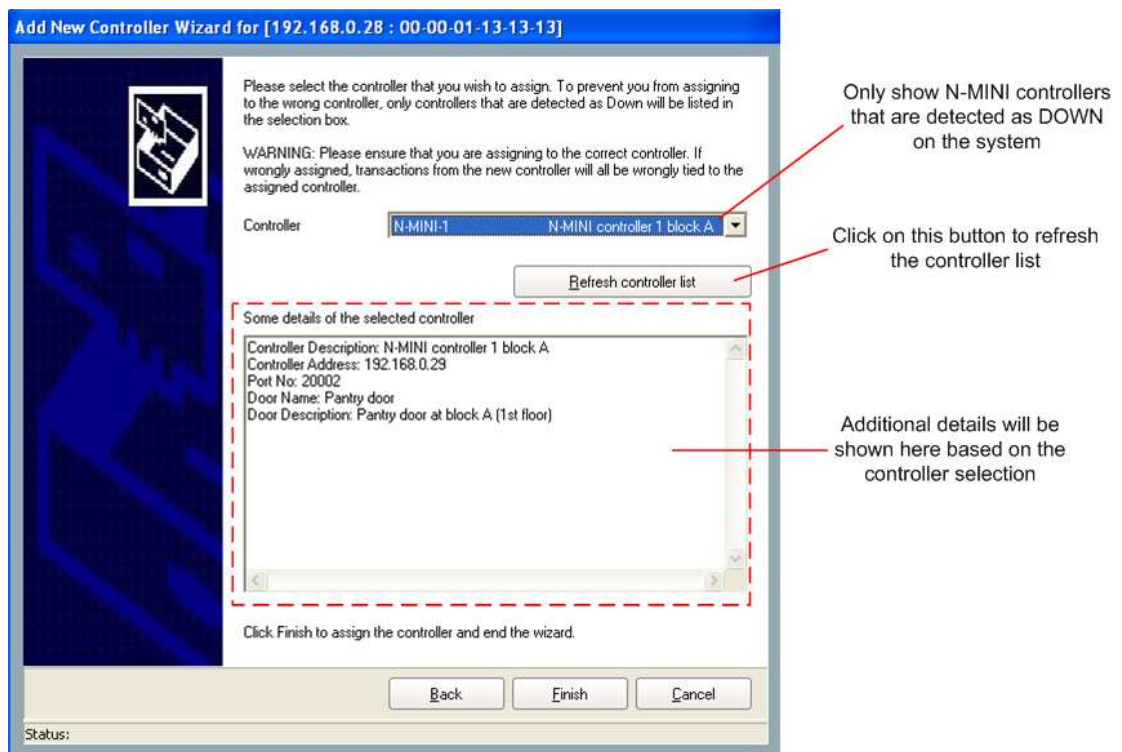
To add a N-MINI controller to replace the damage or malfunction unit to the Platform1 Server database using Wizard tool:



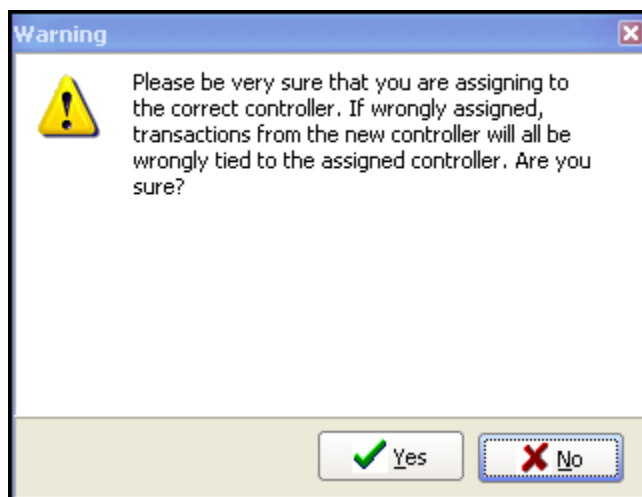
- Click on the "Configure" button to configure the controller using the help of wizard tool:



1. Select the second option which is "Assign to existing controller" to replace the damage or malfunction unit. (The existing controller setting found in software will be send to this controller)
2. Click on the "Next" button to proceed on or "Cancel" button to cancel the wizard process



3. Select the controller from the selection box that you wish to assign to
4. Click on the "Finish" button to proceed with the wizard process
5. Click on "Back" button to back to previous form or "Cancel" button to cancel the wizard process



6. Click on the "Yes" button to proceed or "No" button to cancel the process and back to the previous form

Send Option

System recommend to use Active Downloader for the following N-MINI controllers:
(NOTE: System will use Conventional method for those controllers which are not listed)

N-MINI Controller	Cards need to send
28	303

Total: 1

☒ Active Downloader
(WARNING: If Active Downloader is used, please take note that all cards at the controller will be cleared before cards are sent. Hence the associated door will reject all cards while sending of cards is in progress. Also, number of cards send are regardless of selection made earlier (if any). Instead, ALL cards will be sent)

☐ Security Off (disable security of door) while sending

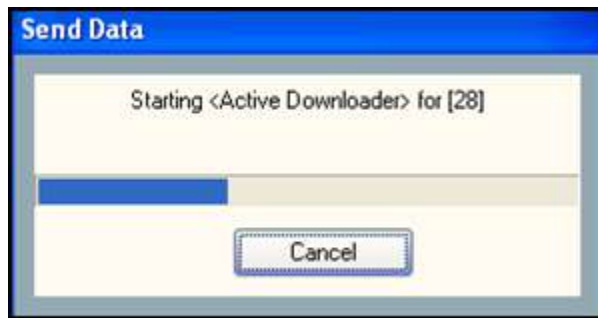
☐ Security On (enable security door) after complete sending

☐ Conventional (one by one) send

(NOTE: For both method, the capacity of card for each N-MINI controller is 10000 cards only. Hence, only 10000 cards will be sent even though you have more)

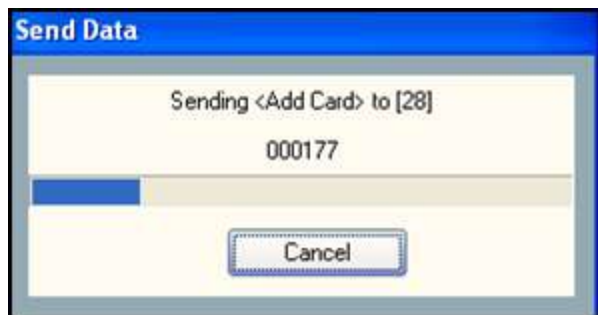
OK

7. This "Send Option" form is to let you choose which method to use in sending cards to controller. There are 2 types of card sending method whereby 1 is Active Downloader and the other is Conventional way (one by one) If active downloader is used, please take note that all cards at the controller will be cleared before cards are sent under this active downloader.
8. Under the Active Downloader method, you can checked on the "Security Off (disable security of door) while sending" and "Security On (enable security door) after complete sending" to make sure that the particular door can still be access by the users while the system is updating the database to controller.



NOTE: While the system is starting up the Active Downloader process, the N-MINI LCD display will show "SYSTEM UPDATING" on the screen until it finish downloading.

9. Under the Conventional (one by one) send method, you can observe that the card numbers are sending one by one and this method takes longer time to finish compare with Active Downloader method.



*NOTE: "Send Option" form will only appear if the card numbers that belong to the selected access level have **more than 300 cards**. Otherwise the wizard will automatically send the card using conventional method (below 300 cards)*

Adding N5100, N5200, N5400 using Wizard

Before using the Wizard feature:

Perform factory default on N5100, N5200 or N5400



NOTE: *Factory Default will restore back the following settings to default value:*

*IP address: **192.168.1.100***

*Subnet Mask: **255.255.255.0***

*Gateway: **0.0.0.0***

*Port no: **02020***

*Server IP: **192.168.1.254***

To add a new N5100, N5200, N5400 controller to the Platform1 Server database using Wizard tool:

- Launch the Platform1 Server application



- Upon the application startup, the wizard form will pop out from the application screen within a splits of second if there is a new controller (N5100, N5200 or N5400) report to this application

List of new controllers found

Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model	Batch No
192.168.1.101	255.255.255.0	0.0.0.0	88-97-DF-01-00-73	2020	N5400	04
192.168.1.100	255.255.255.0	0.0.0.0	88-97-DF-01-00-88	2020	AN4004-30K	04

New controller found: 2

Refresh Configure Configure Later



NOTE: When P1 detect the controller is with a 64mb SPI Flash, a " [64Mb] " will be added next to the controller's model (e.g.: N5400 [64Mb])



NOTE: Batch number will determine the controller supported features (e.g.: Batch 03 will has features like AES Encryption, 10 sets facility code and so forth)

- To refresh the wizard form, click on the "Refresh" button
- To configure the new controller now, highlight on the controller and click on the "Configure" button:

2. The login form will pop out if the user have not login yet

PLATFORM1 SERVER

Login name:

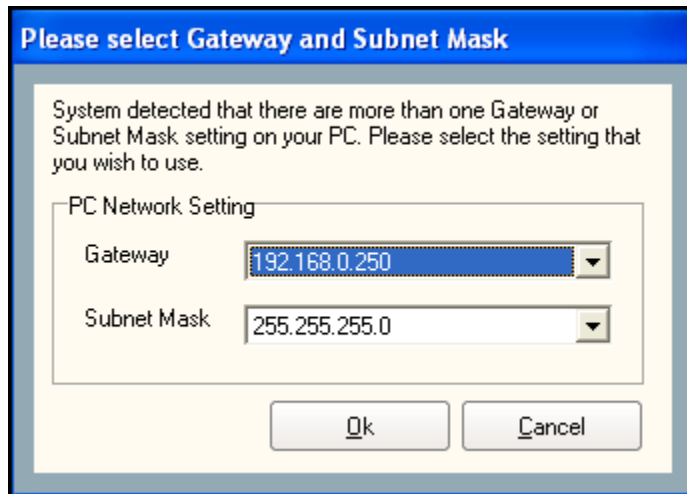
Password:

Login Cancel

Version 3.10.10.11 (CC.S1.1.00.10.11)

4. Fill in the login name followed by the password, click on "Login" button to proceed the wizard steps or "Cancel" to back to the previous form

5. "Please Select Gateway and Subnet Mask" form will only pop out if more than 1 Gateway or Subnet Mask setting in the PC is detected. Please select the appropriate Gateway and Subnet Mask as these setting will be used as default value when N5100, N5200 or N5400 controllers are added. Once configured, the form will not appear again.



The dialog box has a blue title bar with the text "Please select Gateway and Subnet Mask". The main area has a light yellow background and contains the following text: "System detected that there are more than one Gateway or Subnet Mask setting on your PC. Please select the setting that you wish to use." Below this text is a section titled "PC Network Setting" which contains two dropdown menus. The first dropdown is labeled "Gateway" and shows the value "192.168.0.250". The second dropdown is labeled "Subnet Mask" and shows the value "255.255.255.0". At the bottom of the dialog are two buttons: "Ok" and "Cancel".

5. Click on the "OK" button to proceed back to the wizard process or "Cancel" button to cancel the changes



The window title is "Add New Controller Wizard for [192.168.1.100 : 00-01-02-03-01-02]". The main area has a dark blue background on the left with a white icon of a server rack. The right side has a white background with the text "Welcome to the Add Controller Wizard". Below this is the instruction "Please select what do you wish to perform with the new controller found." There are two radio button options: "Add a new controller" (which is selected) and "Assign to existing controller". Below the "Add a new controller" option is the text "(Select this option if this is a new installation where you need to add this controller as a brand new controller)". Below the "Assign to existing controller" option is the text "(Select this option if this controller is a replacement for a damage or malfunction unit. Existing controller setting found in software will be sent to this controller)". At the bottom left is the text "To continue, click Next." At the bottom right are three buttons: "Back", "Next", and "Cancel".

7. Select the first option "Add a new controller" (for new installation). Only select the second option if this controller is a replacement for a damage or malfunction unit. (The existing controller setting found in software will be send to this controller)
8. Click on the "Next" button to proceed on or "Cancel" button to cancel the wizard process

Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-00-6A]

Please fill up some basic information about this controller. These information will be used to identify this controller.

General Setting

Controller Name *	N5400	Description	1x64mb SPI
Door 1 Name *	N54_D1	Description	Dr A
Door 2 Name *	N54_D2	Description	Dr B
Door 3 Name *	N54_D3	Description	Dr C
Door 4 Name *	N54_D4	Description	Dr D

Profile

Description: 4 Doors

Reader Setting

Reader 1 Name *	N54_R1	Description	Rdr A
Reader 2 Name *	N54_R2	Description	Rdr B
Reader 3 Name *	N54_R3	Description	Rdr C
Reader 4 Name *	N54_R4	Description	Rdr D

Advanced Setting

☒ Use AES Encryption

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

10. Fill up the basic information about this new controller where these information will be used to identify this controller in the system and also enable or disable the AES encryption for AES supported controller (Controller name and Door name are compulsory fields)



NOTE: Only the network controller of batch 3 and above has AES Encryption features (e.g.: N5100, N5200 and N5400)

11. Click on the "Next" button to proceed with the wizard process
12. Click on the "Back" button to back to previous wizard form or "Cancel" button to cancel wizard process



These are the current setting retrieved from the controller.

Current Controller Setting

Controller Address	192 . 168 . 1 . 100
Port No.	2020
Subnet Mask	255 . 255 . 255 . 0
Gateway	0 . 0 . 0 . 0

Please fill up the new setting that you wish to send to the controller.

Active Engine

Active Engine ID	1

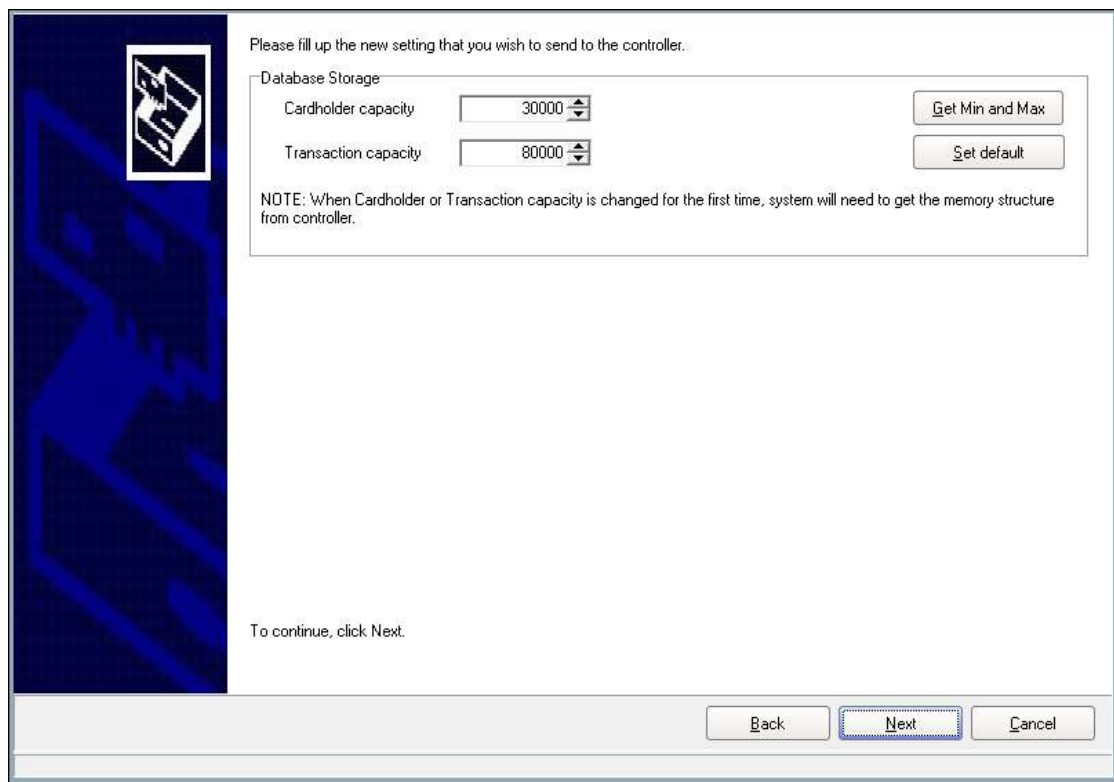
New Controller Setting

Controller Address *	192 . 168 . 1 . 111
Port No. *	44005
Subnet Mask *	255 . 255 . 255 . 0
Gateway	192 . 168 . 1 . 1

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

14. **Current Controller Setting:** This section is to show the current setting on the N5100, N5200 or N5400 controller
15. **Active Engine ID:** This section is to arrange the controller to report to which Active Engine (Since Platform1 Server can cater up to 10 Active Engine and this will be further explain under CONTROL PANEL>SYSTEM>PREFERENCE). Default just select as Active Engine ID no. 1)
16. **New Controller Setting:** This section allowed user to change the desired controller IP address, port no, Subnet Mask or even Gateway to suits the network environment. (Note: The new controller setting will take immediate effect on the controller when the wizard is performing data sending to the controller)
17. The field with * is compulsory and must be filled in. To continue the wizard process, click on the "Next" button to proceed. Click "Back" button to back to previous form or "Cancel" button to cancel the wizard process

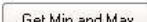
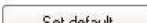


Please fill up the new setting that you wish to send to the controller.

Database Storage

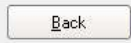
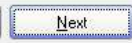
Cardholder capacity 

Transaction capacity 

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller.

To continue, click Next.

18. This section is to allow user to change the storage of cardholder and transaction for Dynamic Storage Supported Controller (S3200, S3400, N5200 and N5400 [Batch 4])
19. When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller
20. By Default, maximum cardholder capacity is 37842; while maximum transaction capacity is 383228
21. System will adjust both capacity automatically once it detect any capacity is changed (e.g.: when Cardholder set to 37842, Transaction will become 330)

Add New Controller Wizard for [192.168.0.28 : 00-00-01-13-13-13]

Please tick the Access Level that you wish to have this controller and select its respective In Time Zone.

Access Level	In Time Zone
☒ 1	1 - 24 Hours Active
☐ 2	1 - 24 Hours Active
☐ 3	1 - 24 Hours Active
☐ 4	2 - Working Time Zone
☐ 5	1 - 24 Hours Active

Select All Unselect All Hide Access Level Detail

Click Finish to add the controller and end the wizard.

Back Finish Cancel

Access Level Detail

Access Level: 2 - H&R access level

Door Name	In Time Zone
Main Door	1 - 24 Hours Active
2nd Entrance	1 - 24 Hours Active

Hide

Add New Controller Wizard for [192.168.1.100 : 00-01-02-03-01-02]

Please tick the Access Level/Access Group that you wish to have this controller and select its respective In Time Zone.

Access Group	In Time Zone
☐ NS4_D1	1 - 24 Hours Active
☐ NS4_D1_D2	1 - 24 Hours Active
☒ NS4_D1_D4	1 - 24 Hours Active

Select All Unselect All Hide Access Level Detail

Click Finish to add the controller and end the wizard.

Back Finish Cancel

Access Level Detail

Access Level: NS4_D1_D4

Door Name	In Time Zone
NS4_D3	1 - 24 Hours Active
NS4_D4	1 - 24 Hours Active

Hide

22. This section is to assign the controller into which selected access level or access group.
23. Checked on the selected access level that you wish to add the controller into and on the 'In Time Zone' column, click on the selection box to select the desire time zone for the controller.
24. Click on the "Show Access Level Detail" button to view the detail of the selected access level such as door name.
25. Click on the "Finish" button to proceed with the wizard process.
26. Click on "Back" button to back to previous form or "Cancel" button to cancel the wizard process.
27. This "Send Option" form is to let you choose which method to use in sending cards to controller. There are 2 types of card sending method whereby 1 is Active Downloader and the other is Conventional way (one by one) If active downloader is used, please take note that all cards at the controller will be cleared before cards are send under this active downloader.
28. Under the Active Downloader method, you can checked on the "Security Off (disable security of door) while sending" and "Security On (enable security door) after complete sending" to make sure that the particular door can still be access by the users while the system is updating the database to controller.

29. Under the Conventional (one by one) send method, you can observe that the card numbers are sending one by one and this method takes longer time to finish compare with Active Downloader method.

- To configure new controller later, click on the "Configure Later" button:



30. Checked on the "Do not show this message again" if you do not wish the system to display this message form again every time when you click on "Configure Later" button. The wizard form will not pop out again if there is another new N-MINI controller detected unless you restart the application again. Otherwise you need to click on the arrow to enlarge the wizard bar to click on the "Show New Controller Found" button.

To add a N5100, N5200 or N5400 controller to replace the damage or malfunction unit to the Platform1 Server database using Wizard tool:

- Click on the "Configure" button to configure the controller using the help of wizard tool:



31. Select the second option which is "Assign to existing controller" to replace the damage or malfunction unit. (The existing controller setting found in software will be sent to this controller)

32. Click on the "Next" button to proceed on or "Cancel" button to cancel the wizard process

Add New Controller Wizard for [192.168.1.100 : 00-01-02-03-01-02]

Please select the controller that you wish to assign. To prevent you from assigning to the wrong controller, only controllers that are detected as Down will be listed in the selection box.

WARNING: Please ensure that you are assigning to the correct controller. If wrongly assigned, transactions from the new controller will all be wrongly tied to the assigned controller.

Controller:

Some details of the selected controller

Controller Description:
Controller Address: 192.168.1.102
Port No: 44002
Door Name: N54_D1
Door Description:

Click Finish to assign the controller and end the wizard.

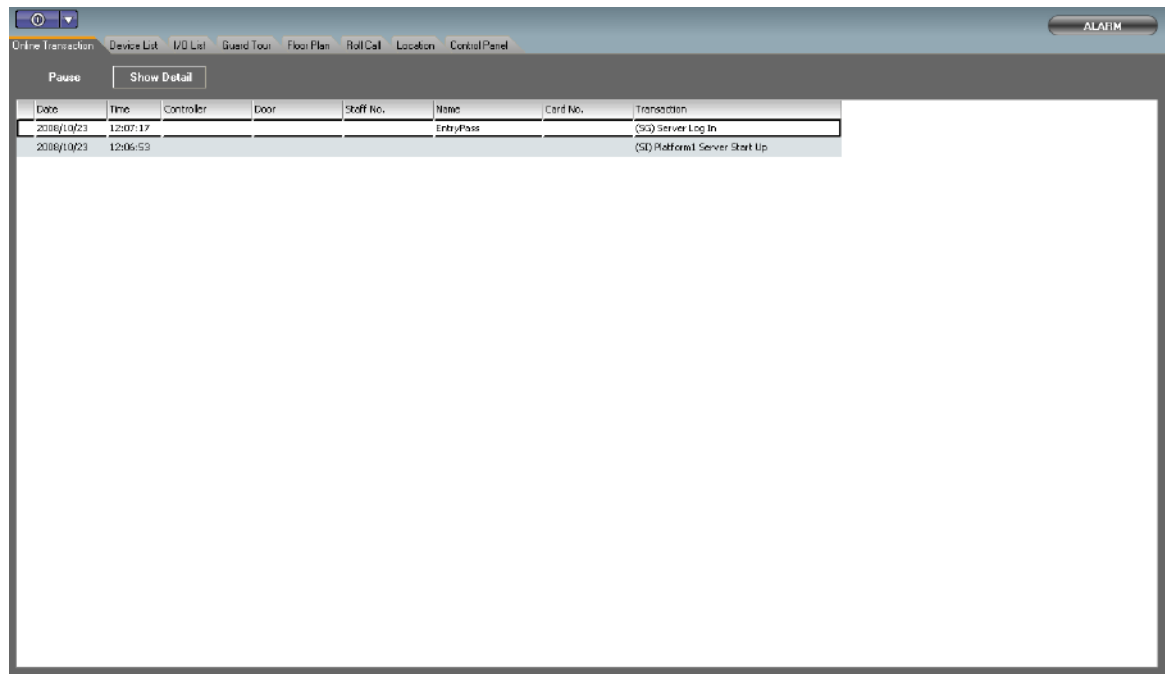
Status:

33. Click on the "Next" button to proceed on or "Cancel" button to cancel the wizard process
34. Select the controller from the selection box that you wish to assign to
35. Click on the "Finish" button to proceed with the wizard process
36. Click on "Back" button to back to previous form or "Cancel" button to cancel the wizard process

Part

VII

7 Chapter 1 - Online Transaction Tab



Online Transaction

A display where all polled transactions from the installed controllers are being listed.

- **Pause**
Click to pause or resume the live transaction listing.
- **Show Detail**
Highlight on the staff member live transaction and click on the "Show Detail" button to see the additional information of the staff member. To cancel the detail viewing, click on the "Hide Detail" button

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel

Pause Hide Detail

Date	Time	Controller	Door	Staff No.	Name	Card No.	Transaction
2008/10/23	12:57:29	S2000	Main Door				(Dg) Door is closed
2008/10/23	12:57:28	S2000	Main Door				(Dc) Door is opened
2008/10/23	12:57:26	S2000	Main Door				(Df) Pulse Door Open
2008/10/23	12:57:09	S2100	2nd Entrance	EP2	Janice	009591	(Ca) Valid Card Entry
2008/10/23	12:54:18				EntryPass		(SG) Server Log In
2008/10/23	12:53:57	S2100	2nd Entrance	EP1	Shia	064310	(Ca) Valid Card Entry
2008/10/23	12:53:52	S2100					
2008/10/23	12:53:52	S2000					
2008/10/23	12:53:52						

Detail



Card No.: 064310
Staff No.: EP1
Name: Shia
Dept: IT
Job: IT Exec
Shift: Normal shift
Ctrl: S2100
Door: 2nd Entrance

System administrator can also add up a new title column on the online transaction:

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel

Pause Show Detail

Date	Time	Controller	Door	Staff No.	Name	Card No.	Transaction
2008/10/23	12:57:29	S2000	Main Door				(Dg) Door is closed
2008/10/23	12:57:28	S2000	Main Door				(Dc) Door is opened
2008/10/23	12:57:26	S2000	Main Door				(Df) Pulse Door Open
2008/10/23	12:57:09	S2100	2nd Entrance	EP2	Janice	009591	(Ca) Valid Card Entry
2008/10/23	12:54:18				EntryPass		(SG) Server Log In
2008/10/23	12:53:57	S2100	2nd Entrance	EP1	Shia	064310	(Ca) Valid Card Entry
2008/10/23	12:53:52	S2100					(SL) Controller Up
2008/10/23	12:53:52	S2000					(SL) Controller Up
2008/10/23	12:53:52						(SI) Platform1 Server Start Up

- Date
- Time
- Controller
- Door
- Staff No.
- Name
- Department
- Job
- Shift
- Card No.
- Transaction



NOTE: To add a new title column in the online transaction, right click on the title column to select the extra column to be added in.

System administrator can also directly add a new unlisted user card on the online transaction (ONLY work for those new staff/card that doesn't belong in the system)

database):

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Pause				Show Detail			
Date	Time	Controller	Door	Staff No.	Name	Card No.	Transaction
2008/10/23	14:22:34	S2100	2nd Entrance		Unlisted User	062724	(Cc) Unknown Card Number (Entry)
2008/10/23	14:22:34	S2000	Main Door		Unlisted User	062724	(CC) Unknown Card Number (Exit)
2008/10/23	14:22:19	S2100	2nd Entrance		Unlisted User	062724	(Cc) Unknown Card Number (Entry)
2008/10/23	14:22:04	S2100	2nd Entrance		Unlisted User	062724	(Cc) Unknown Card Number (Entry)
2008/10/23	12:57:29	S2000	Main Door				(Df) Pulse Door Open
2008/10/23	12:57:28	S2000	Main Door				(Ca) Valid Card Entry
2008/10/23	12:57:26	S2000	Main Door				(SG) Server Log In
2008/10/23	12:57:09	S2100	2nd Entrance	EP2	Janice	009591	(Ca) Valid Card Entry
2008/10/23	12:54:18				EntryPass		(SL) Controller Up
2008/10/23	12:53:57	S2100	2nd Entrance	EP1	Shia	064310	(Ca) Valid Card Entry
2008/10/23	12:53:52	S2100					(SL) Controller Up
2008/10/23	12:53:52	S2000					(SI) Platform1 Server Start Up



NOTE: Right click on the selected unknown/unlisted user and select the Add Card to install the card as a Normal card or Guard Tour Card. A Add-Card form will come out for you to fill in the card particulars if Normal card is selected whereas a Add GT card form will come out for you to fill in the card particular if Guard Tour Card is selected. Please go to **CHAPTER 8 - CONTROL PANEL > COMPANY** (for normal card add) or **GUARD TOUR** (for GT card add) for more information.

Part

VIII

8 Chapter 2 - Device List Tab

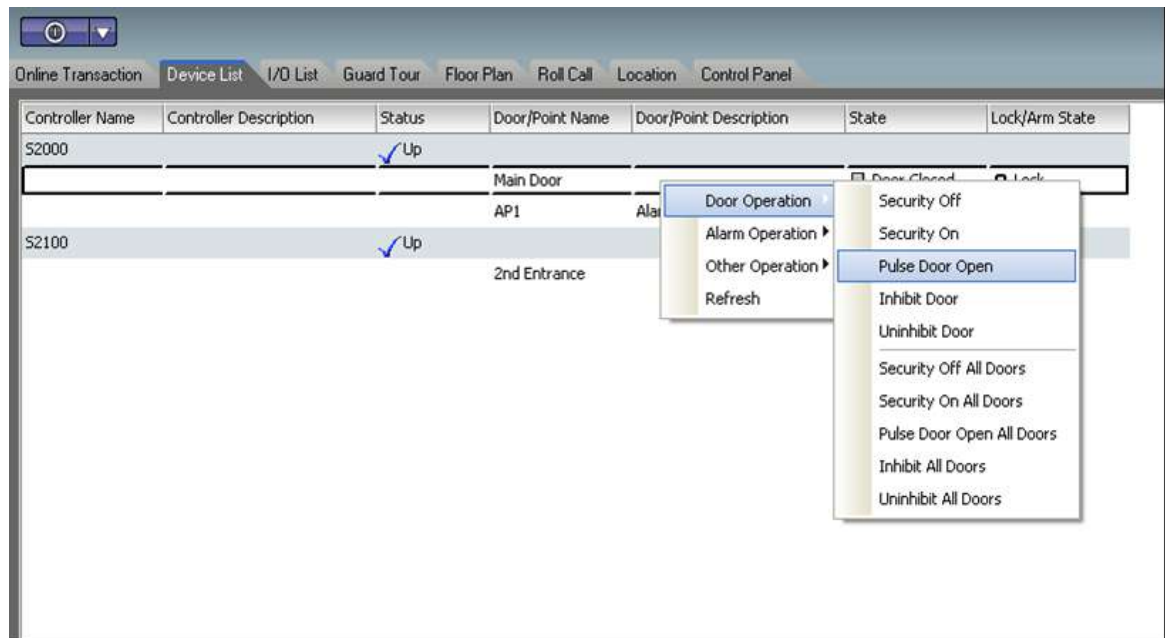
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State
S2000		✓ Up	Main Door		Door Closed	Lock
			API	Alarm Point 1	Normal	Arm
S2100		✓ Up	2nd Entrance		Door Closed	Lock

Device List - General

A display where all the installed controllers status will be shown in this menu.

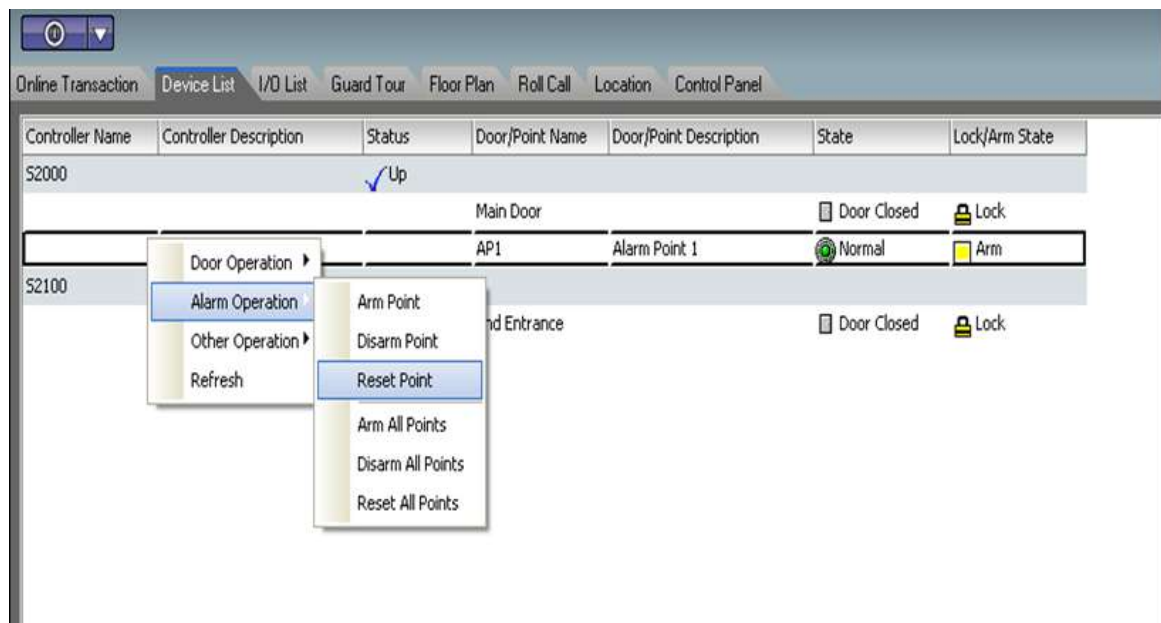
- **Status Up**
It represent that the controller is currently successful to communicate with the system.
- **Status Down**
It represent that the controller is currently fail to communicate with the system.
- **Status Unknown**
It represent that the system is current waiting for the controller to reply back to the system.

System administrator can right click on the selected door to give Door Operation commands:



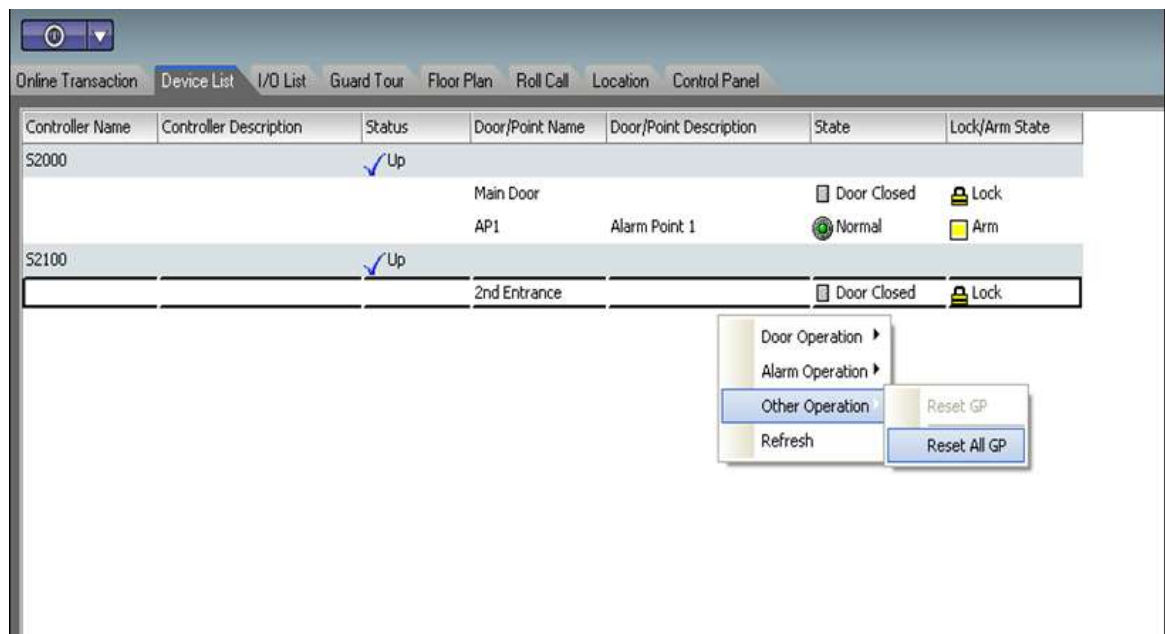
- Security Off**
 To unlock the door. (During security off, the electromagnetic power will be cut off and staff member can enter or exit the door without performing card flashing or pressing push button)
- Security On**
 To lock the door. (During security on, the door can be used as usual where staff member need to perform card flashing or press push button during entering or exiting the door)
- Inhibit Door**
 To permanently lock the door. (Staff member unable to access on the inhibit door even when they perform card flashing or by push button)
- Uninhibit Door**
 To set back to normal mode. (security on)
- Pulse Door Open**
 To temporarily unlock the door according to the release time of the door.

System administrator can right click on the selected alarm to give Alarm Operation commands:



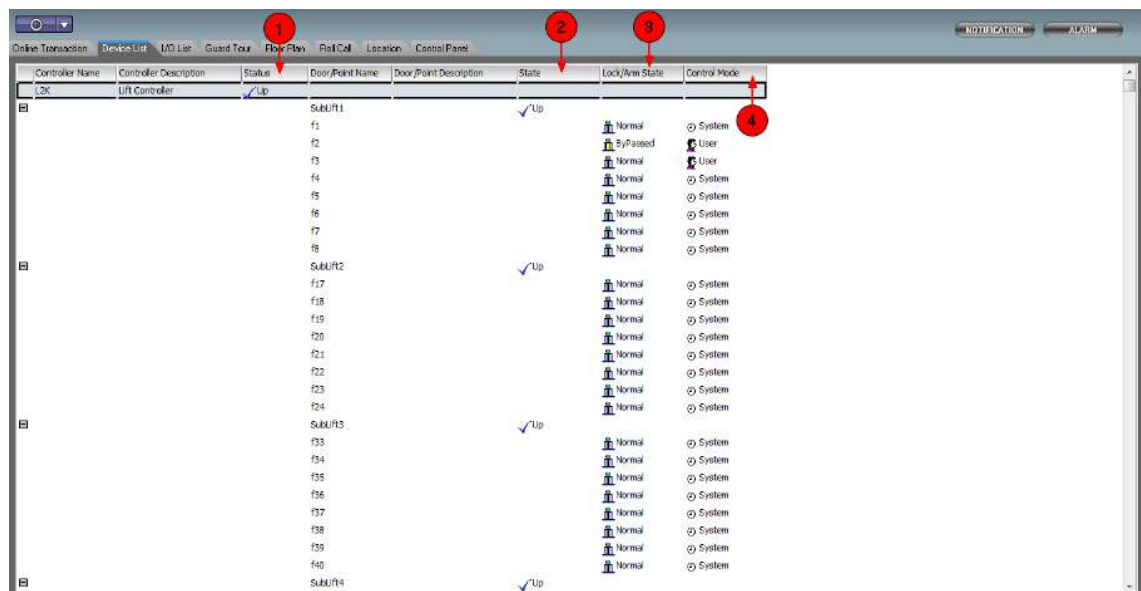
- Arm Point**
To arm the point if the system administrator wish to enable the alarm point to trigger.
- Disarm Point**
To disarm the point if the system administrator wish to temporarily disable the alarm from triggering.
- Reset Point**
To reset back the point from Cut Status (Alarm) to Normal Status (Arm).

System administrator can right click on the selected door to give Other Operation commands:



- **Reset GP**
To reset the general purpose output to normal state (if triggered).

Device List - L2000 and L3800



1. **Lift Controller Status**
 - a. Up – Controller is connected with P1 Server
 - b. Down – Controller is disconnected with P1 Server

c. Unknown – Controller is in “suspend polling” mode

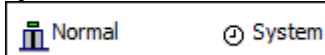
2. Sub Lift Status

- a. Up – Sub Lift is connected with L2000 controller or L3800 controller
- b. Down – Sub Lift is disconnected with L2000 controller or L3800 controller
- c. Unknown – Sub Lift is disconnected with the L2000 controller or L3800 controller

3. Lock/Arm State

a. Normal – The floor is not bypassed by valid time zone or the floor is bypassed off

- System Normal:



- User Normal:



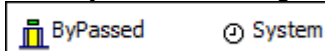
NOTE: When the Lock/Arm State is Normal, only valid flash card will be able to access the floor



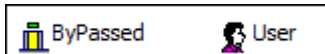
NOTE: While the floor is bypassed by valid time zone, user bypass off that floor, Time Zone Bypass will be disabled. Only Valid flash card able to access the floor

b. Bypassed – The floor is Bypassed On by Valid Time Zone, Manually by User or Key Switch so that the floor can be access freely without flashing card

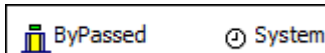
- Time Zone Bypass:



- User Bypass:



- Key Switch Bypass:



NOTE: For L2000, Key Switch Bypass when IN7 and GND is shorted



NOTE: For L3800, Key Switch Bypass when IN1 and GND is shorted



NOTE: Key Switch Bypass will not affect/change the Control Mode. It will keep the previous Control Mode when performing Bypass and return to that mode after turn off the key switch

4. Control Mode

a. System – The Floor/Sub Lift/Lift is operate under System Mode

- Back to System Control Mode after performing "Bypass Reset Lift/Sub Lift/Floor"
- The floor control bypass will base on the Time Zone control (Configured in Controller Setup windows)

- b. User – The Floor/Sub Lift/Lift is Bypassed ON or OFF**

- Time Zone control will be ignored and user will have direct control on the floor



Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel

NOTIFICATION ALARM

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode
L26	Lift Controller	Up			Up	Normal	System
			Door Operation		Up	Normal	System
			Alarm Operation		Up	Normal	User
			Other Operation		Up	Normal	User
			Lift Operation		Up	Normal	System
			Expand		Up	Normal	System
			Contract		Up	Normal	System
			Refresh		Up	Normal	System
			f6		Up	Normal	System
			Sub/L2		Up	Normal	System
			f17		Up	Normal	System
			f18		Up	Normal	System
			f19		Up	Normal	System
			f20		Up	Normal	System
			f21		Up	Normal	System
			f22		Up	Normal	System
			f23		Up	Normal	System
			f24		Up	Normal	System
			Sub/L3		Up	Normal	System
			f33		Up	Normal	System
			f34		Up	Normal	System
			f35		Up	Normal	System
			f36		Up	Normal	System
			f37		Up	Normal	System
			f38		Up	Normal	System
			f39		Up	Normal	System
			f40		Up	Normal	System
			Sub/L4		Up	Normal	System

5. Right click on the “Lift Controller”

- a. Select “ByPass On Lift” – Manually activate all the floors under the lift
 - Ignore Time Zone Control
 - All floor will always bypass until user Bypass Off/Bypass Reset
 - All floor is in User Control Mode

- Ignore Time Zone Control
- All floor will always bypass until user Bypass Off/Bypass Reset
- All floor is in User Control Mode

- All floor will always bypass until user Bypass Off/Bypass Reset

- All floor is in User Control Mode



- b. Select “ByPass Off Lift” – Manually Deactivate all the floor under the lift**

- Ignore Time Zone Control
- All floor will always un-bypass until user Bypass On/Bypass Reset (Require Valid Flash Card)
- All floor is in User Control Mode

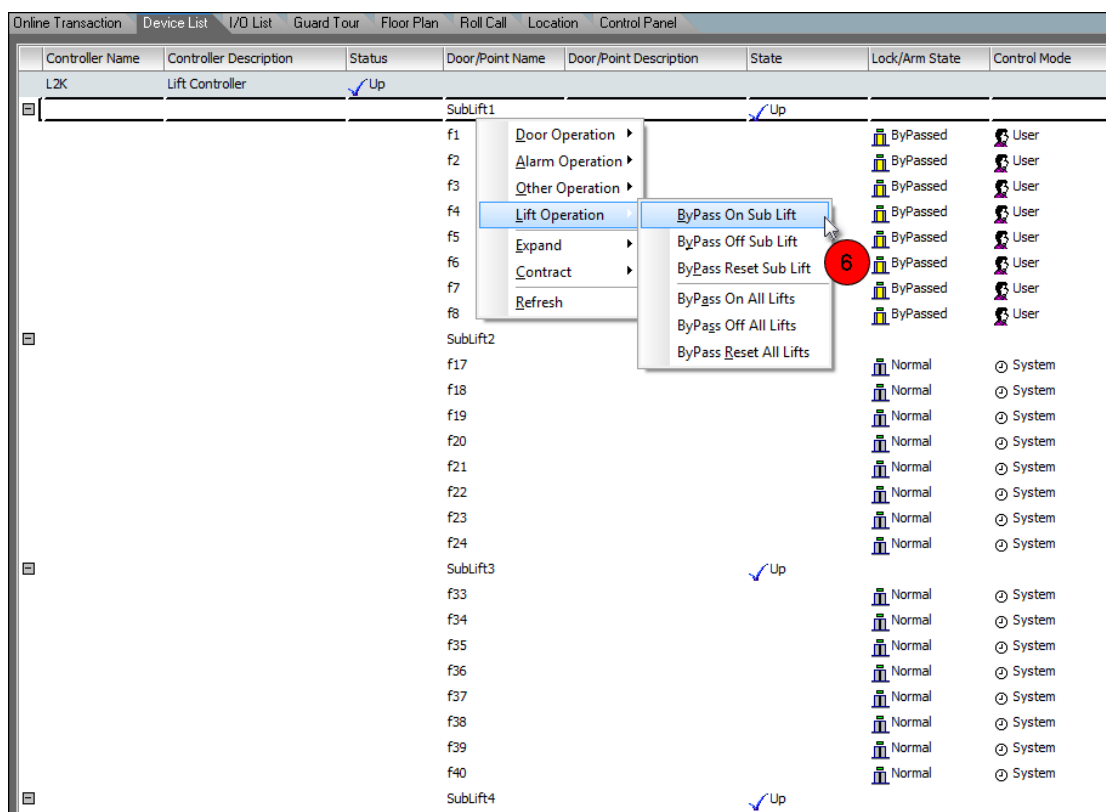
- All floor will always un-bypass until user Bypass On/Bypass Reset (Require Valid Flash Card)

- All floor is in User Control Mode



NOTE: When the Lift is Bypassed Off, card flashing is required to access the Lift

- c. Select "ByPass Reset Lift" – Change the Control Mode of the Lift from "User" to "System"
 - Obey the Time Zone Control
 - The lift will bypassed when valid time zone
 - Flash card is required to access the floors under the lift when the lift is not bypass by time zone
 - All floor is in System Control Mode
- d. Select "ByPass On All Lift" – ByPass On all the lift controller connected to P1 Server
- e. Select "ByPass Off All Lift" – ByPass Off all the lift controller connected to P1 Server
- f. Select "ByPass Reset All Lift" – ByPass Reset all the lift controller connected to P1 Server
- g. Select "Expand" > "Expand All" – Expand all the Lift, Sub lifts and Floors in the Device List
- h. Select "Contract" > "Contract All" – Contract all the expanded Lift, Sub lifts and Floors in the Device List



6. Right click on the "Sub Lift"

- a. Select "ByPass On Sub Lift"
 - Ignore Time Zone Control

- All floors of the Sub Lift will always bypass until user Bypass Off/Bypass Reset
- All floors of the Sub Lift is in User Control Mode



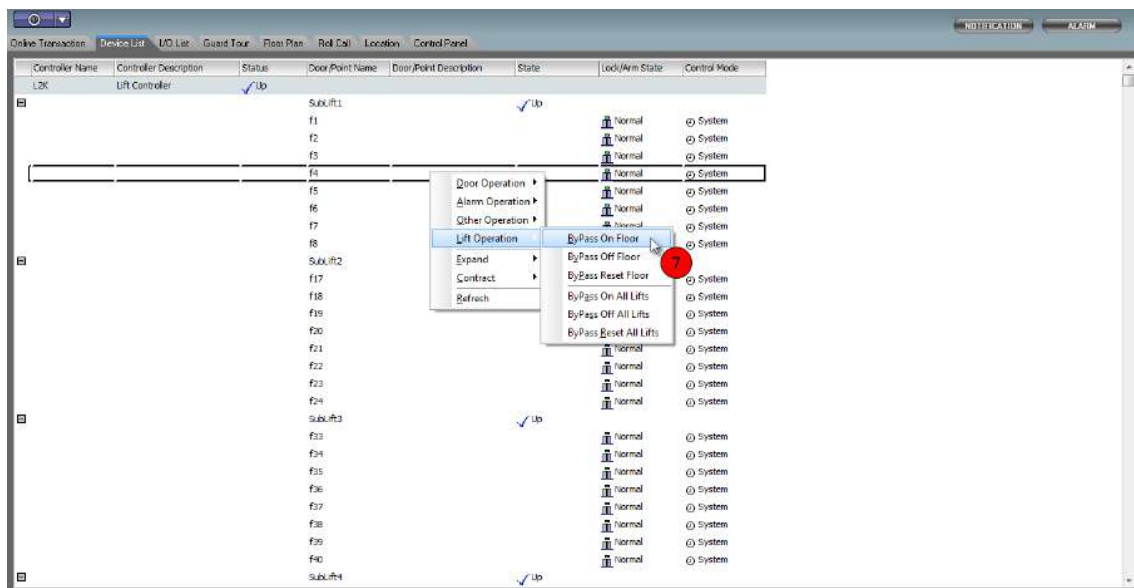
NOTE: When the Sub Lift is Bypassed On, card flashing is not required to access the Lift

- b.** Select “ByPass Off Sub Lift”
- Ignore Time Zone Control
 - All floors of the sub lift will always un-bypass until user Bypass On/Bypass Reset (Require Valid Flash Card)
 - All floors of the sub lift is in User Control Mode



NOTE: When the Sub Lift is Bypassed Off, card flashing is required to access the Sub Lift

- c.** Select “ByPass Reset Sub Lift” – Change the Control Mode of the Sub Lift from "User" to "System"
- Obey the Time Zone Control
 - The Sub Lift will be bypassed when valid time zone
 - Flash card is required to access the floors under the sub lift when the sub lift is not bypass by time zone
 - All floors of the sub lift is in System Control Mode
- d.** Select “Expand” > “Expand” – Expand the selected Sub Lift
- e.** Select “Expand” > “Expand All” – Expand all the Sub Lifts and Floors
- f.** Select “Contract” > “Contract” – Contract the selected Sub Lifts and Floors
- g.** Select “Contract” > “Contract All” – Contract all the Sub Lifts and Floors



7. Right click on the “Floor”

a. Select “ByPass On Floor”

- Ignore Time Zone Control
- The floor will always bypass until user Bypass Off/Bypass Reset
- The floor of the Sub Lift is in User Control Mode



NOTE: When the Floor is Bypassed On, card flashing is not required to access the Floor

b. Select “ByPass Off Floor”

- Ignore Time Zone Control
- The floor of the Floor will always un-bypass until user Bypass On/Bypass Reset (Require Valid Flash Card)
- The floor of the Floor is in User Control Mode



NOTE: When the Floor is Bypassed Off, card flashing is required to access the Floor

c. Select “ByPass Reset Floor” – Change the Control Mode of the Sub Lift from "User" to "System"

- Obey the Time Zone Control
- The floor will be bypassed when valid time zone
- Flash card is required to access the floors when the floor is not bypass by time zone
- The floor is in System Control Mode

d. Select “Expand” > “Expand All” – Expand all the Floors

e. Select “Contract” > “Contract” – Contract all the Floors under a specific Sub Lift

- f. Select “Contract” > “Contract All” – Contract all the Floors under a specific Lift

Device List - S3100, S3200, S3400, N5100, N5200, N5400

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5200		Down										Unknown
			N5200 DR.1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	
S3200		Up										AC Power
			DR0		Door Closed	Lock		No Tamper	No Tamper			
			DR1		Door Closed	Lock				No Tamper	No Tamper	

Controller Name	Status	Door/Point Name	State	Lock/Arm State	Reader 1		Reader 2		Reader 3		Reader 4		Power
					Status	Mode	Status	Mode	Status	Mode	Status	Mode	
N5100	Unknown												Unknown
		N51_D1	Unknown	Unknown	Unknown	Unknown							
		N51_D2	Unknown	Unknown			Unknown	Unknown					
N5200	Unknown												Unknown
		n52_D1	Unknown	Unknown	Unknown	Unknown							
		n52_D2	Unknown	Unknown			Unknown	Unknown					
		ILD6_N5200	Unknown										
N5400	Up												AC Power
		N54_D1	Door Closed	Lock			No Tamper	No Tamper					
		N54_D2	Door Closed	Lock			No Tamper	No Tamper					
		N54_D3	Door Closed	Lock					No Tamper	No Tamper			
		N54_D4	Door Closed	Lock							No Tamper	No Tamper	
S3100	Unknown												Unknown
		S31D1	Unknown	Unknown	Unknown	Unknown							
		S31D2	Unknown	Unknown			Unknown	Unknown					
S3200	Unknown												Unknown
		S32D1	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown					
S3400	Unknown												Unknown
		S34_D1	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown			Unknown	Unknown	
		S34_D2	Unknown	Unknown					Unknown	Unknown	Unknown	Unknown	

1. Reader Status and Mode - Showing the status of the reader tamper input point and reader tamper mode

2. Power - Showing the power source status of the controller

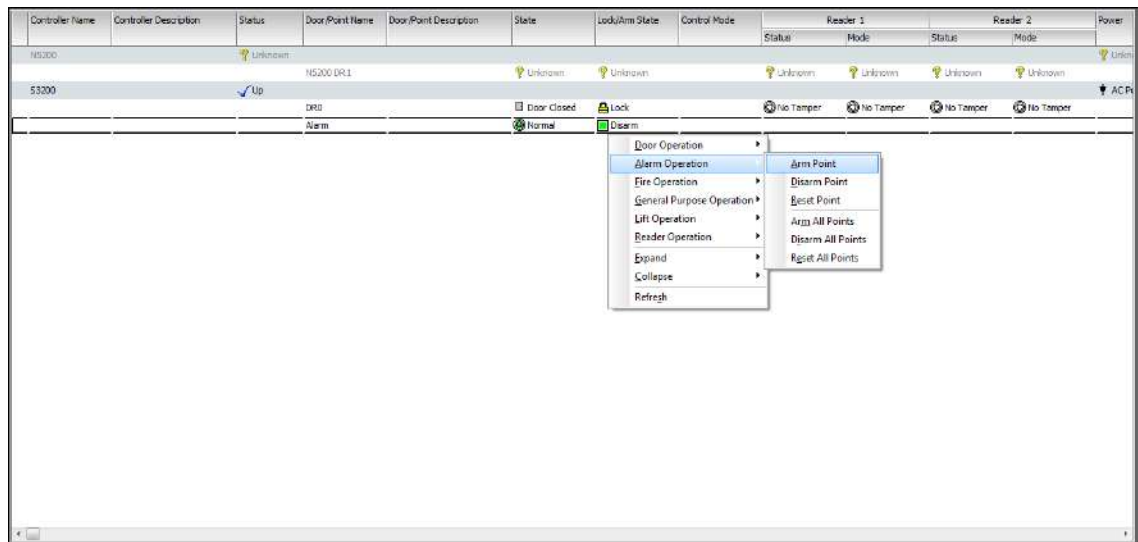
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5200		Down	N5200 DR.1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
S3200		Up	DR0		Door Closed	Lock		No Tamper	No Tamper			AC Power
			DR1		Door Closed	Lock		No Tamper	No Tamper			

Door Operation
Alarm Operation
Fire Operation
General Purpose Operation
Lift Operation
Reader Operation
Expand
Collapse
Refresh

Security Off
Security On
Pulse Door Open
Inhibit Door
Uninhibit Door
Security Off All Doors
Security On All Doors
Pulse Door Open All Doors
Inhibit All Doors
Uninhibit All Doors

3. Door Operation:

- Security Off - Unlock the door
- Security On - Lock the door
- Pulse Door Open - Temporary unlock the door according to the release time
- Inhibit Door- Permanently lock the door
- Uninhibit Door - Unlock the inhibited door
- Security Off All Doors - Unlock all controllers' doors in the device list
- Security On All Doors - Lock all controllers' doors in the device list
- Pulse Door Open All Doors - Temporary unlock all controllers' doors in the device list according to the release time
- Inhibit All Doors - Permanently lock all the controllers' doors in the device list
- Uninhibit All Doors - Unlock all inhibited doors in the device list
- Door Status and Lock/Arm State icons:
 -  Door Closed  Lock
 - The door is locked and closed
 -  Door Closed  Unlock
 - Lock is unlocked and door sensor sense the door is closed
 -  Door Opened  Unlock
 - Lock is unlocked and door sensor sense the door is opened
 -  Left Opened  Lock
 - Door is left opened after the door open time
 -  Forced Opened  Lock
 - Door is force opened while the door is locked



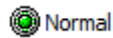
4. Alarm Operation:

- Arm Point - To arm the point if the system administrator wish to enable the alarm point to trigger
- Disarm Point - To disarm the point if the system administrator wish to temporarily disable the alarm from triggering

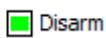


NOTE: For Arm/Disarm, it does not depends on arming time zone, user can arm/disarm alarm point anytime

- Reset Point - To reset back the point from Cut Status (Alarm) to Normal Status (Arm)
- Arm All Point - To arm all points in device list if the system administrator wish to enable the alarm point to trigger
- Disarm All Point - To disarm all points in device list if the system administrator wish to temporarily disable the alarm from triggering
- Reset All Point - To reset back all points in device list from Cut Status (Alarm) to Normal Status (Arm)
- Alarm Status and Lock/Arm State icons:

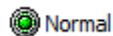


Normal



Disarm

- Digital/Analog alarm input sensor is not triggered and alarm system is disarmed



Normal

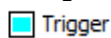


Arm

- Digital/Analog alarm input sensor is not triggered and alarm system is armed

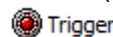


Trigger



Trigger

- Digital/Analog alarm input sensor is triggered and alarm system is triggered (Undergoing disarm delay process)

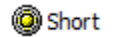


Trigger



Alarm

- Digital/Analog alarm input sensor is triggered and alarm system is activated



Short



Alarm

- Analog alarm input sensor is shorted and alarm system is activated

For more information, please refer Appendix F - Alarm

Door Force Open trigger Alarm:

- Door Force Open trigger Alarm features can be enabled either by using Alarm arming time zone or manually arm the alarm
- An arm status is shown on the controller row is to indicate the status of alarm
- Like alarm operation, if the status is Arm, when the door is forced open, Alarm will be triggered

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	
N5400	1x64mb SPI	✓ Up				Disarm	
			N54_D1	Dr A	Door Closed	Lock	
			N54_D2	Dr B	Door Closed	Lock	
			N54_D3	Dr C	Door Closed	Lock	
			N54_D4	Dr C	Door Closed	Lock	

Alarm is disarmed - Door Force Open will not trigger the alarm

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	
N5400	1x64mb SPI	✓ Up				Arm	
			N54_D1	Dr A	Door Closed	Lock	
			N54_D2	Dr B	Door Closed	Lock	
			N54_D3	Dr C	Door Closed	Lock	
			N54_D4	Dr C	Door Closed	Lock	

Alarm is armed - Door Force Open will trigger the alarm

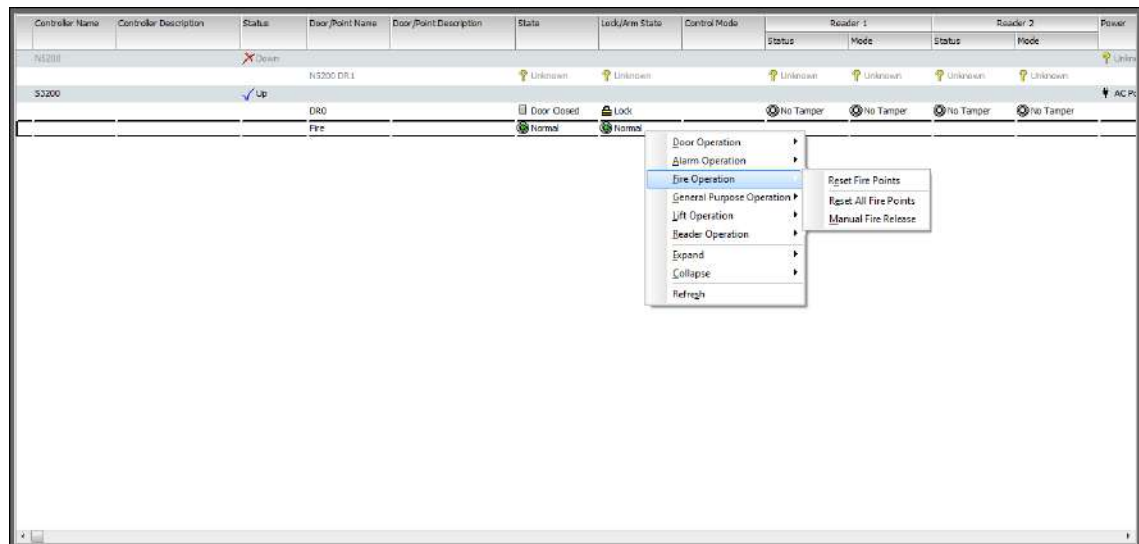
Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	
N5400	1x64mb SPI	✓ Up				Alarm	
			N54_D1	Dr A	Forced Opened	Lock	
			N54_D2	Dr B	Door Closed	Lock	
			N54_D3	Dr C	Door Closed	Lock	
			N54_D4	Dr C	Door Closed	Lock	

Alarm is triggered by Door Force Open

For more information, please refer Appendix F - Door Force Open Trigger Alarm

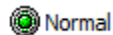


NOTE: Door Force Open Trigger Alarm feature only applicable for Batch 4 and above HCB controller

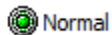


5. Fire Operation:

- Reset Fire Point - Turn off the triggered fire point
- Reset All Fire Points - Turn off all triggered fire points
- Manual Fire Release - Manually security off/on the door under specific fire release group
- Fire Status and Lock/Arm State icons:



Normal



Normal

- Digital/Analog fire point and fire relay are in normal mode

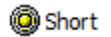


Trigger

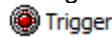


Trigger

- Digital/Analog fire point and fire relay are in trigger mode



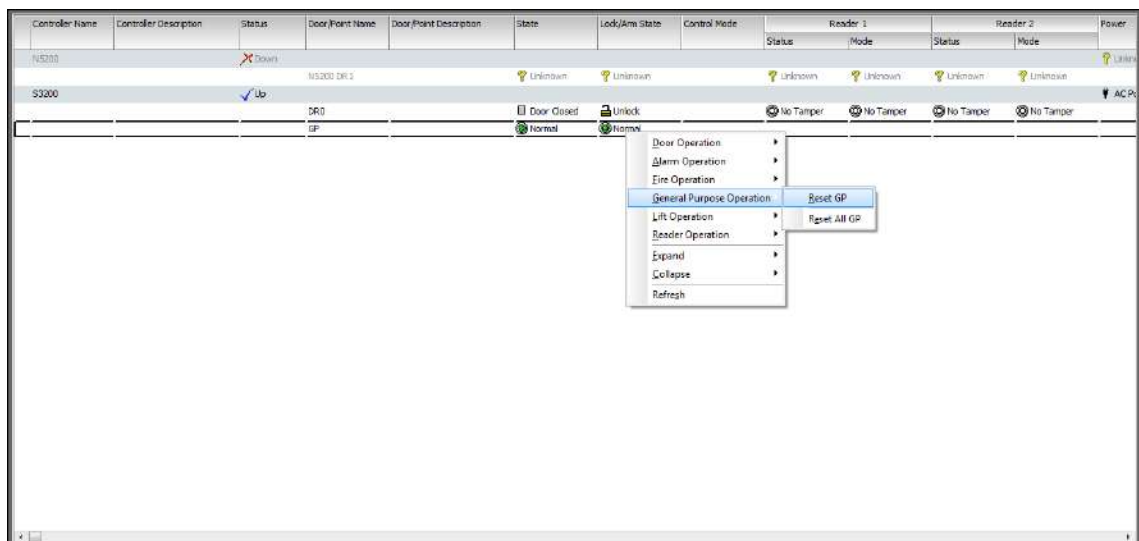
Short



Trigger

- Analog fire point is shorted and fire relay is triggered

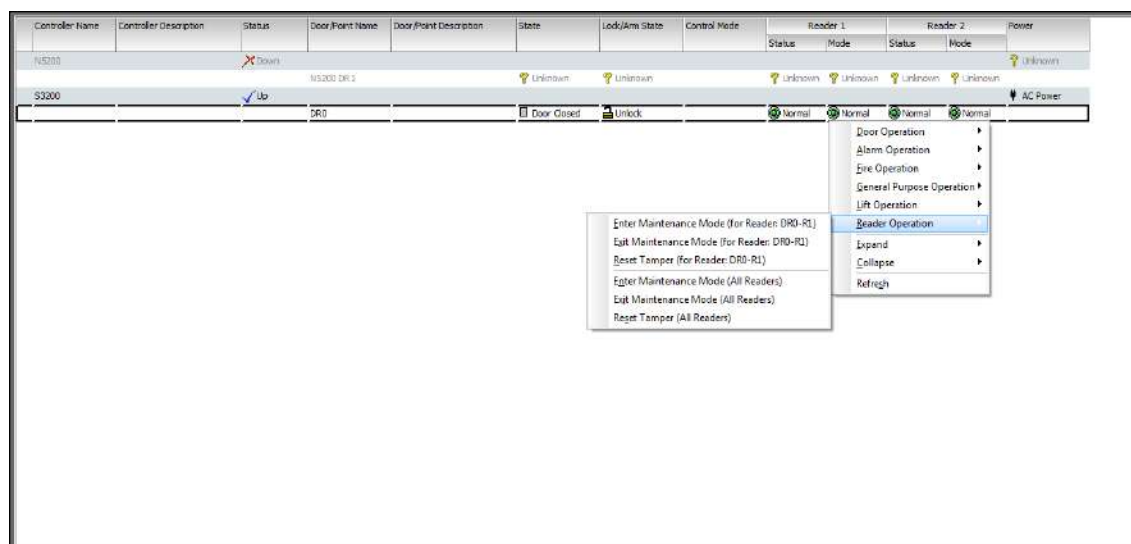
For more information, please refer Appendix F - Fire



6. General Purpose Operation:

- Reset GP - Turn off the triggered GP point
- Reset All GP - Turn off all triggered GP points
- GP Status and Lock/Arm State icons:
 -  Normal  Normal
 - Digital/Analog GP sensor and GP relay are at normal mode
 -  Trigger  Trigger
 - Digital/Analog GP sensor and GP relay are at trigger mode
 -  Short  Trigger
 - Analog GP sensor is shorted and GP relay is triggered

For more information, please refer Appendix F - General Purpose



7. Reader Operation:

- Enter Maintenance Mode (Specific Reader) - Reader buzzer will not buzz and LED will not blink although the reader is tampered
- Exit Maintenance Mode (Specific Reader) - Reader will back to normal and start monitor tamper event
- Reset Tamper (Specific Reader) - Once the reader is tampered, reset the tamper will re-monitor the reader tamper status
- Enter Maintenance Mode (All Readers) - All readers buzzer will not buzz and LED will not blink although the readers is tampered
- Exit Maintenance Mode (All Readers) - All readers will back to normal and start monitor tamper event
- Reset Tamper (All Readers) - Restart tamper monitoring for all readers
- Reader Status and Mode icons:
 -  No Tamper  No Tamper
 - No tamper sensor assigned
 -  Normal  Normal
 - Digital/Analog tamper sensor connected and in normal mode
 -  Trigger  Trigger
 - Digital/Analog tamper sensor sensed reader is tampered and trigger the reader buzzer (continuous beep)
 -  Trigger  Maintenance
 - Digital/Analog reader is under maintenance mode, buzzer will not beep

although the reader is tampered



Short



Trigger

- Analog tamper sensor sensed reader is shorted and trigger the reader buzzer (continuous beep)



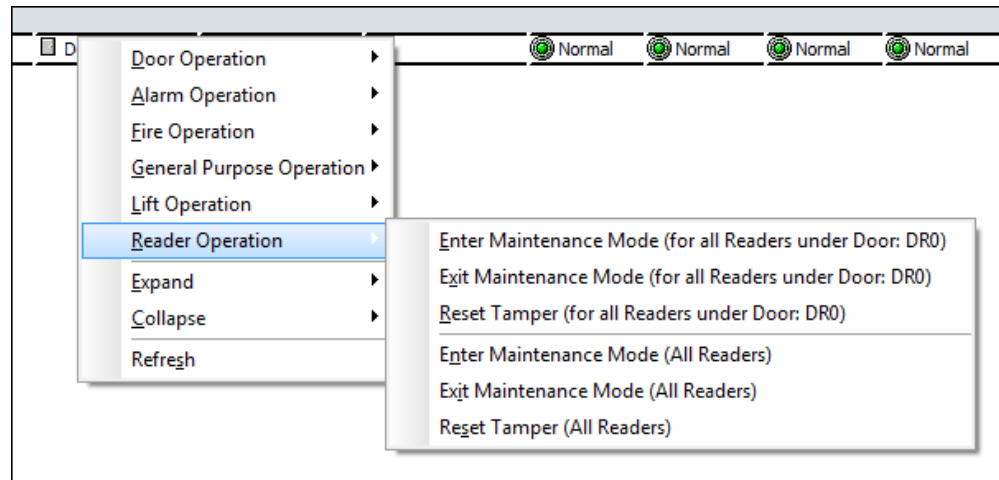
NOTE: When Status is Trigger, Mode will become Trigger, and stay as Trigger even though Status become Normal. At this stage, to change back the Mode to Normal, use a Maintenance Card or P1 to reset it



NOTE: When reader is tampered, reader buzzer will continuously beep and LED will blink very fast as well as ignore card flash



NOTE: To perform specific reader operation, just right click on the desire reader



For more information, please refer Appendix F - Tamper

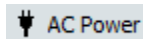


NOTE: To perform all reader operation under one door, just right click on the desire door

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5100		Down										Unknown
			n5100_d1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
N5200		Down										Unknown
			N5200 DR1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
S3200		Up										AC Power
			DR0		Door Closed	Lock		No Tamper	No Tamper			
			DR1		Door Closed	Lock				No Tamper	No Tamper	

8. Power:

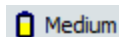
- To indicate the power supply status
- Power Status and Icon:



- Controller is running on AC Power



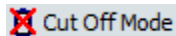
- Controller is running on battery power and the battery status is high



- Controller is running on battery power and the battery status is medium



- Controller is running on battery power and the battery status is low



- Controller power source is going to cut off
- Door will release at this stage

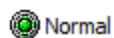
For more information, please refer Appendix F - Battery Monitoring



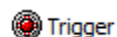
NOTE: When cut off, controller will release door and will not respond to any event (e.g.: card flash, P1 send and get command, etc)

9. Interlock:

- To indicate the cross-board interlock status
- Interlock Status and Icon:



- The other interlock controller's interlock relay is not trigger
- Any doors of the controller is accessible



- The other interlock controller's interlock relay is trigger
- Any doors of the controller is not accessible until the other controller's door is closed and interlock relay not trigger

For more information, please refer Appendix F - Interlocking



NOTE: When interlock is enabled, only one door of either single controller or two controller is accessible in one time

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2	
								Status	Mode	Status	Mode
N5400_HCB	1x64mb SPI	Up									
			N54_D1	Dr A	Door Operation	Lock		No Tamper	No Tamper		
			N54_D2	Dr B	Alarm Operation	Lock				No Tamper	No Tamper
			N54_D3	Dr C	Fire Operation	Lock					
			N54_D4	Dr D	General Purpose Operation	Lock					
					Lift Operation						
					Reader Operation						
					Event Relay Operation						
					Expand						
					Collapse						
					Refresh						

10. Event Relay Operation:

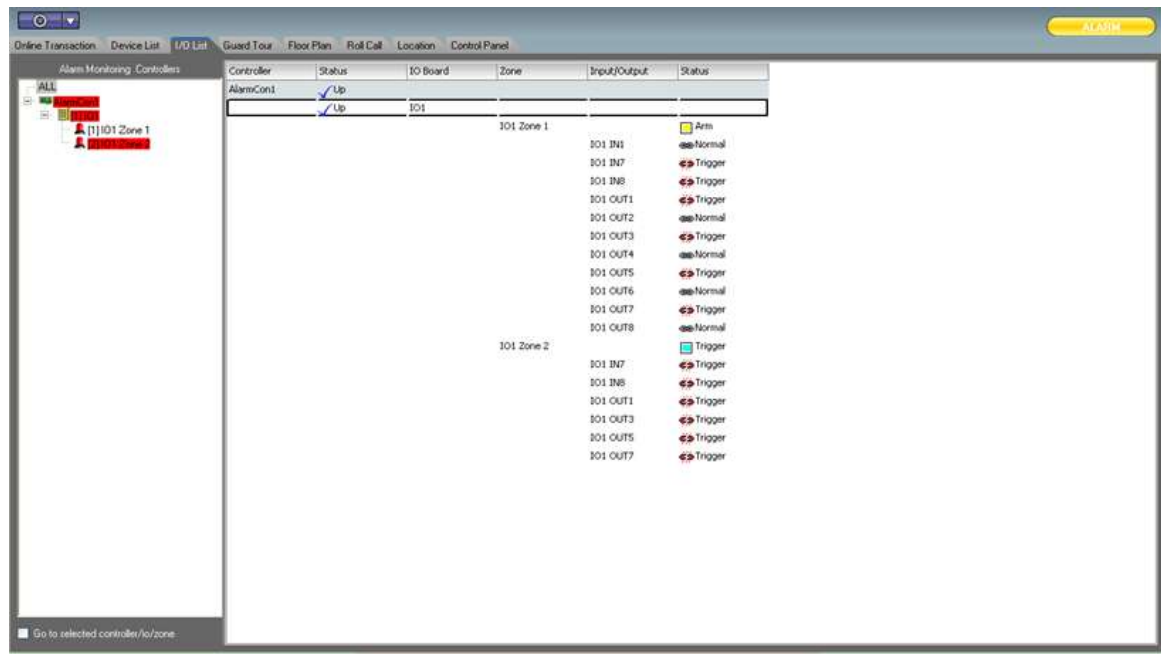
- User can perform event relay operation by right click/double click on the controller under device list
- User can reset/un-trigger the relay triggered by any transaction
- After the event relay is reset, it will be triggered again by next transaction
- Reset Event Relay - Reset event relay individually or all
- Reset All Event Relay - Reset all triggered event relay

For more information, please refer Appendix F - Event Trigger

Part

IX

9 Chapter 3 - I/O List Tab



Status Icon

Arm Zone	 Arm
Disarm Zone	 Disarm
Trigger Zone	 Trigger
Normal Input	 Normal
Trigger Input	 Trigger
Normal Output	 Normal
Trigger Output	 Trigger

I/O List

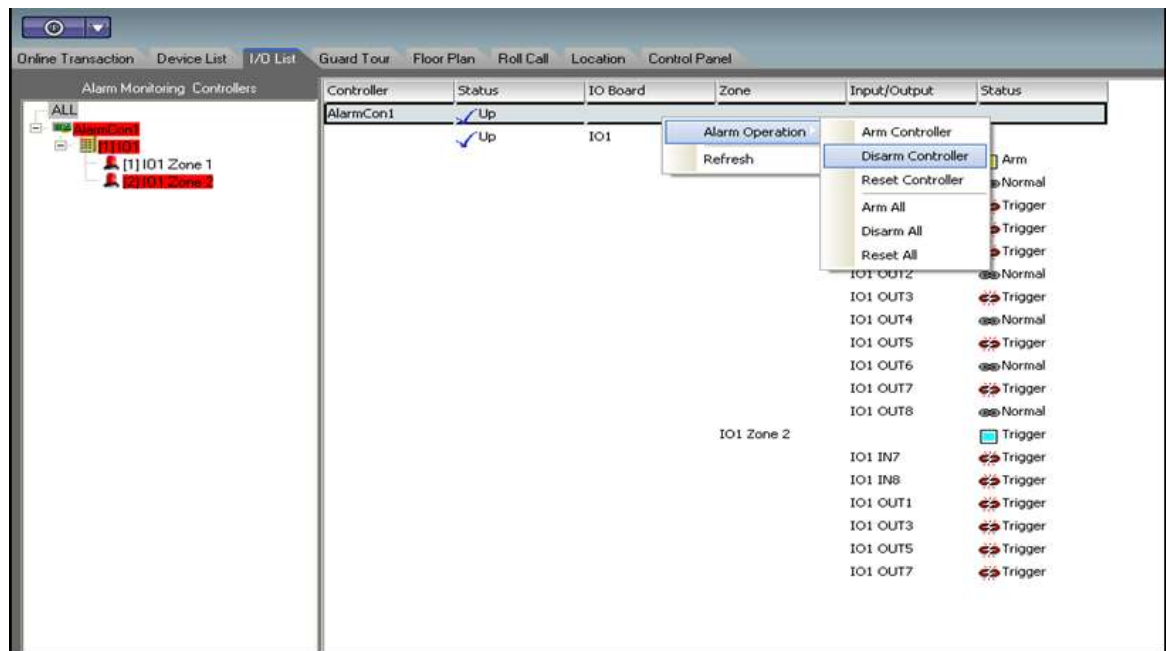
A display where all the installed alarm monitoring controllers status will be shown in the menu together with the zone and input/output status as well. Beside monitoring in the I/O list, any zone or input is triggered will be shown on the Online Transaction Tab and also the Alarm Popup Button.

- Status Up**
It represent that the controller or I/O board is currently successful to communicate with the system.
- Status Down**
It represent that the controller or I/O is currently fail to communicate with the system.

- **Status Unknown**

It represent that the system is current waiting for the controller or I/O board to reply back to the system.

System administrator can right click on the selected alarm monitoring controller to give specific commands:



- **Arm Controller**

When arm controller, all the I/O board zones under the selected alarm monitoring controller will be in arm status as well.

- **Disarm Controller**

When disarm controller, all the I/O board zones under the selected alarm monitoring controller will be in disarm status as well.

- **Reset Controller**

When reset controller, all the trigger status output under the selected alarm monitoring controller will be reset back to normal status.

- **Arm All**

When arm all, the whole controllers in the I/O list will be in arm status.

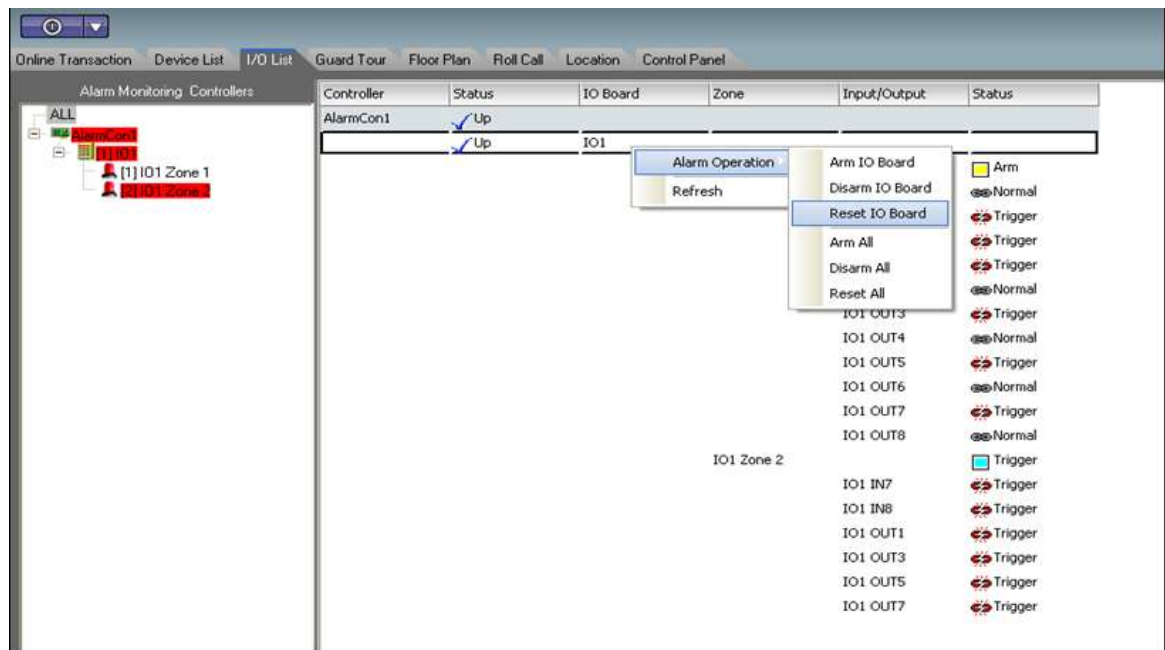
- **Disarm All**

When disarm all, the whole controllers in the I/O list will be in disarm status.

- **Reset All**

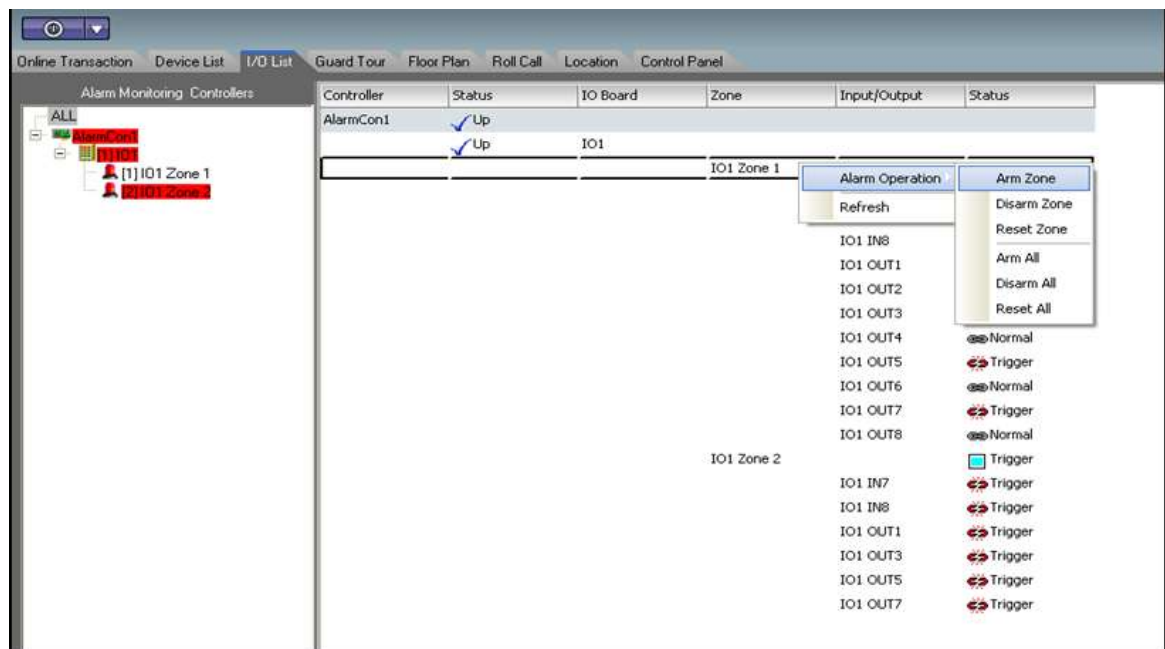
When reset all, all the trigger status output in the I/O list will be reset back to normal status.

System administrator can right click on the selected I/O board to give specific commands:



- Arm IO Board**
 When arm IO board, all the zone in the IO board will be in arm status.
- Disarm IO Board**
 When disarm IO board, all the zone in the IO board will be in disarm status.
- Reset IO Board**
 When reset IO Board, all the trigger status output in the IO board will be reset back to normal status.

System administrator can right click on the selected zone to give specific commands:



- Arm Zone**
 When arm zone, the selected zone will be in arm status.
- Disarm Zone**
 When disarm zone, the selected zone will be in disarm status.
- Reset Zone**
 When reset zone, all the trigger status output in the zone will be reset back to normal status.

If system administrator tick on the "Go to selected controller/IO/zone", system administrator can directly highlight on the "Alarm Monitoring Controllers" contents to locate the selected controller/IO/zone.

Online Transaction Device List **I/O List** Guard Tour Floor Plan Roll Call Location Control Panel

Alarm Monitoring Controllers

Tree View

ALL

AlarmCon1

(1) IO1 Zone 1

(2) IO1 Zone 2

Controller	Status	IO Board	Zone	Input/Output	Status
AlarmCon1	✓ Up				
	✓ Up	IO1	IO1 Zone 1		
				IO1 IN1	Arm
				IO1 IN7	Normal
				IO1 IN8	Trigger
				IO1 OUT1	Trigger
				IO1 OUT2	Normal
				IO1 OUT3	Trigger
				IO1 OUT4	Normal
				IO1 OUT5	Trigger
				IO1 OUT6	Normal
				IO1 OUT7	Trigger
				IO1 OUT8	Normal
			IO1 Zone 2		
				IO1 IN7	Trigger
				IO1 IN8	Trigger
				IO1 OUT1	Trigger
				IO1 OUT3	Trigger
				IO1 OUT5	Trigger
				IO1 OUT7	Trigger

Go to selected controller/io/zone



NOTE: System administrator can also right click on the tree view contents to send the alarm operation such as Arm Zone and Disarm I/O Board

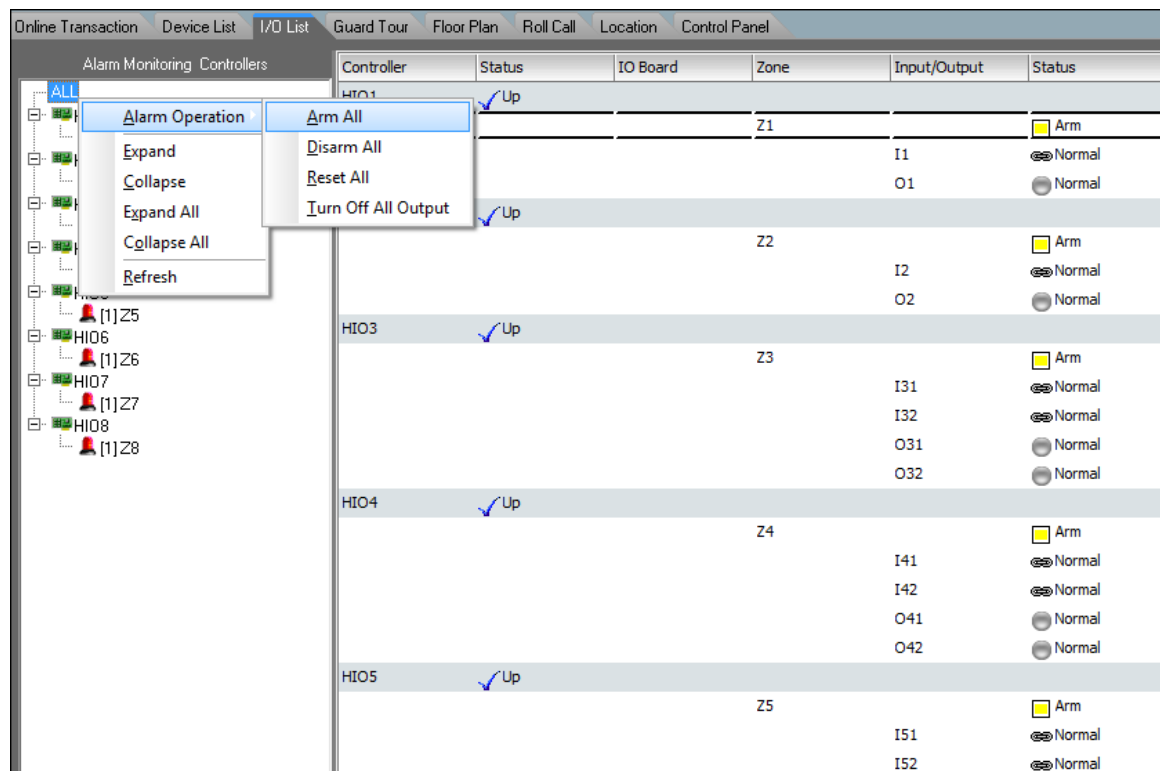
I/O List - HIO

Display the HIO controller status

The screenshot displays the 'I/O List - HIO' interface. On the left, a tree view shows the hierarchy of controllers (HIO1 to HIO8) under the 'ALL' category. The main table lists the details for each controller, including its status, IO Board, Zone, and a list of Input/Output points with their respective status.

Controller	Status	IO Board	Zone	Input/Output	Status
HIO1	Up		z1		
				i11	Trigger
				i12	Trigger
				o11	Trigger
				o12	Trigger
HIO2	Up		z2		
				i21	Disarm
				i22	Trigger
				o21	Normal
				o22	Normal
HIO3	Up		z3		
				i31	Normal
				i32	Normal
				o31	Normal
				o32	Normal
HIO4	Up		z4		
				i41	Trigger
				i42	Trigger
				o41	Trigger
				o42	Trigger
HIO5	Up		z5		
				i51	Trigger
				i52	Trigger
				o51	Trigger

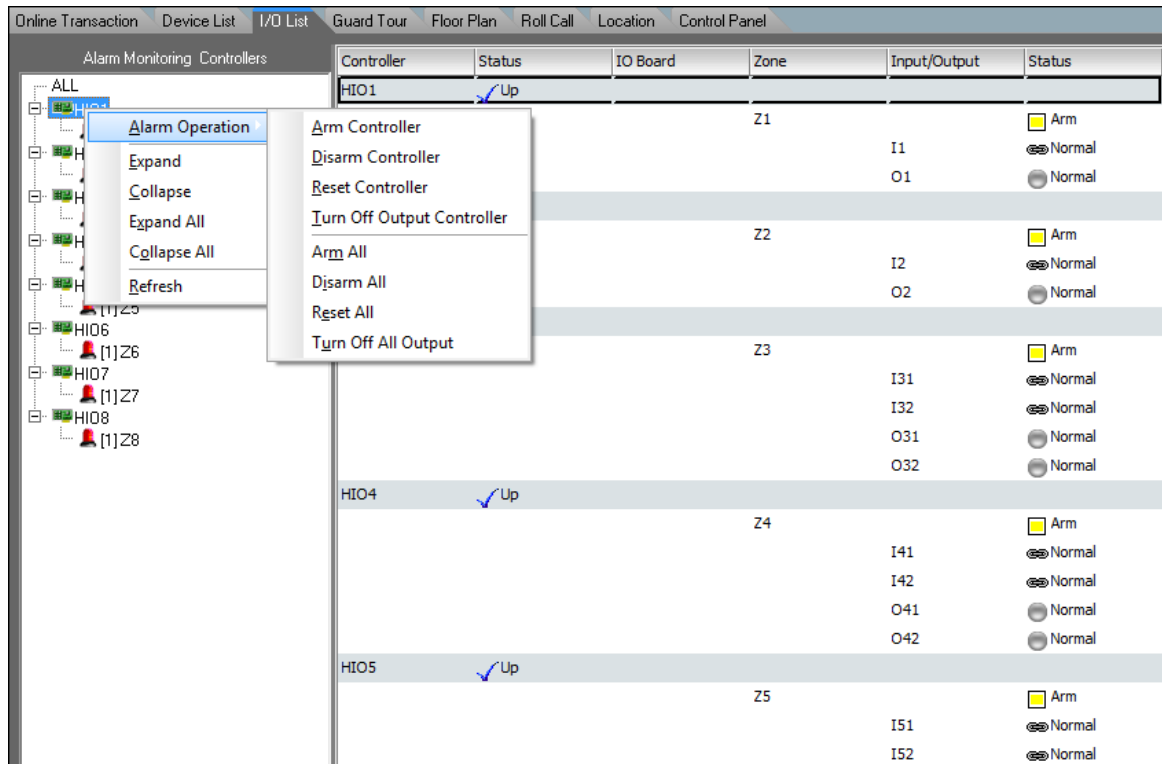
At the bottom left, there is a checkbox labeled 'Go to selected controller/io/zone' which is checked.



Right click "ALL" of the Alarm Monitoring Controller Panel

- **Alarm Operation**
 - **Arm All**
 - Arm all HIO controllers
 - **Disarm All**
 - Disarm all HIO controllers
 - **Reset All**
 - Reset all HIO controllers (Set Disarm to Arm)
 - **Turn Off all Output**
 - Turn off all Output of all HIO controllers
- **Expand**
 - Expand the selected Alarm Monitoring Controller's tree
- **Collapse**
 - Collapse the selected Alarm Monitoring Controller's tree
- **Expand All**
 - Expand all Alarm Monitoring Controllers' trees
- **Collapse All**
 - Collapse all Alarm Monitoring Controllers' trees
- **Refresh**

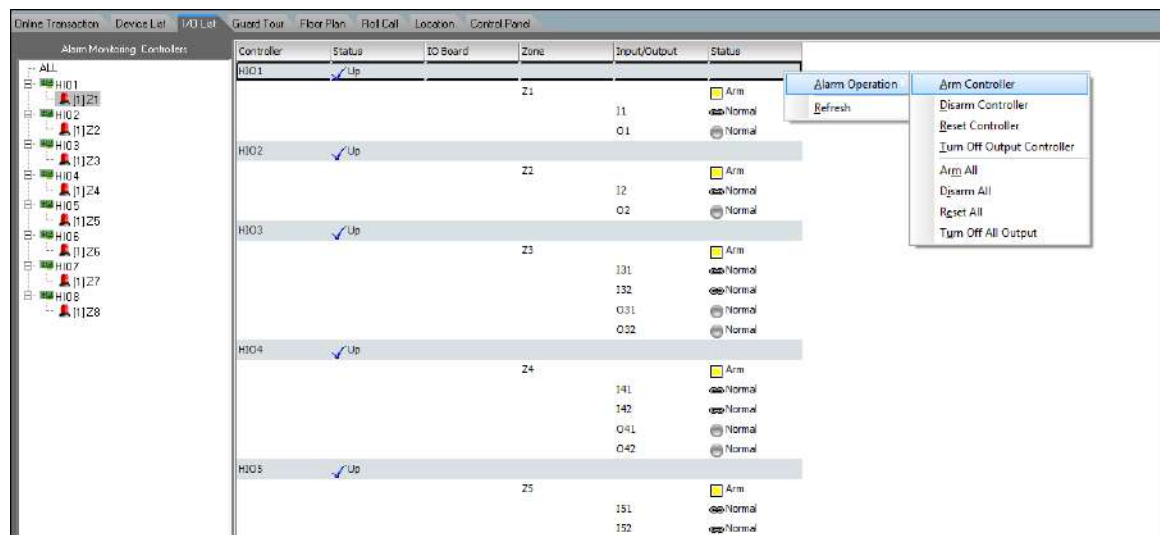
- Refresh the Alarm Monitoring Controllers Panel



Right click the HIO controller in the Alarm Monitoring Controller Panel

- **Alarm Operation**
 - **Arm Controller**
 - Arm the selected HIO controller
 - **Disarm Controller**
 - Disarm the selected HIO controller
 - **Reset Controller**
 - Reset the selected HIO controller (Set Disarm to Arm)
 - **Turn Off Output Controller**
 - Turn off the outputs of the selected HIO controller
 - **Arm All**
 - Arm all HIO controllers
 - **Disarm All**
 - Disarm all HIO controllers
 - **Reset All**
 - Reset all HIO controllers
 - **Turn Off all Output**

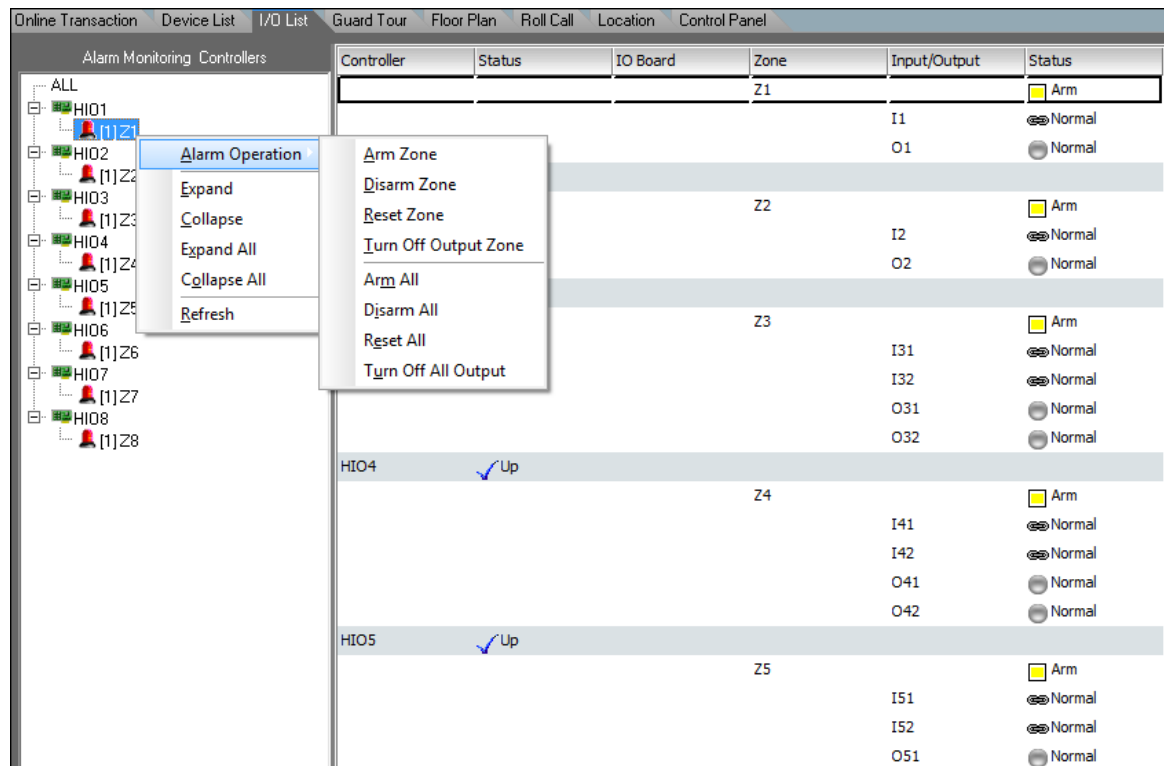
- Turn off all Output of all HIO controllers
- **Expand**
 - Expand the selected Alarm Monitoring Controller's tree
- **Collapse**
 - Collapse the selected Alarm Monitoring Controller's tree
- **Expand All**
 - Expand all Alarm Monitoring Controllers' trees
- **Collapse All**
 - Collapse all Alarm Monitoring Controllers' trees
- **Refresh**
 - Refresh the Alarm Monitoring Controllers Panel



Right click the HIO controller in the I/O list

- **Alarm Operation**
 - **Arm Controller**
Arm the selected HIO controller
 - **Disarm Controller**
Disarm the selected HIO controller
 - **Reset Controller**
Reset the selected HIO controller (Set Disarm to Arm)
 - **Turn Off Output Controller**
Turn off the outputs of the selected HIO controller
 - **Arm All**
Arm all HIO controllers

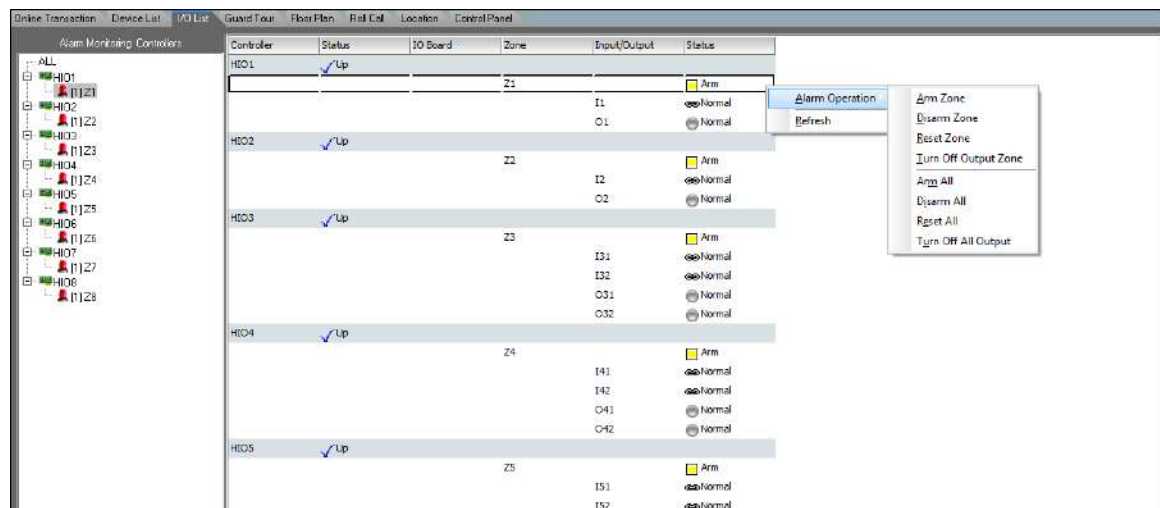
- **Disarm All**
Disarm all HIO controllers
- **Reset All**
Reset all HIO controllers
- **Turn Off all Output**
Turn off all Output of all HIO controllers
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller's Zone in the Alarm Monitoring Controller Panel

- **Alarm Operation**
 - **Arm Zone**
 - *Arm the selected HIO controller's Zone*
 - **Disarm Zone**
 - *Disarm the selected HIO controller's Zone*
 - **Reset Zone**
 - *Reset the selected HIO controller's Zone (Set Disarm to Arm)*
 - **Turn Off Output Zone**
 - *Turn off the outputs of the selected HIO controller's Zone*

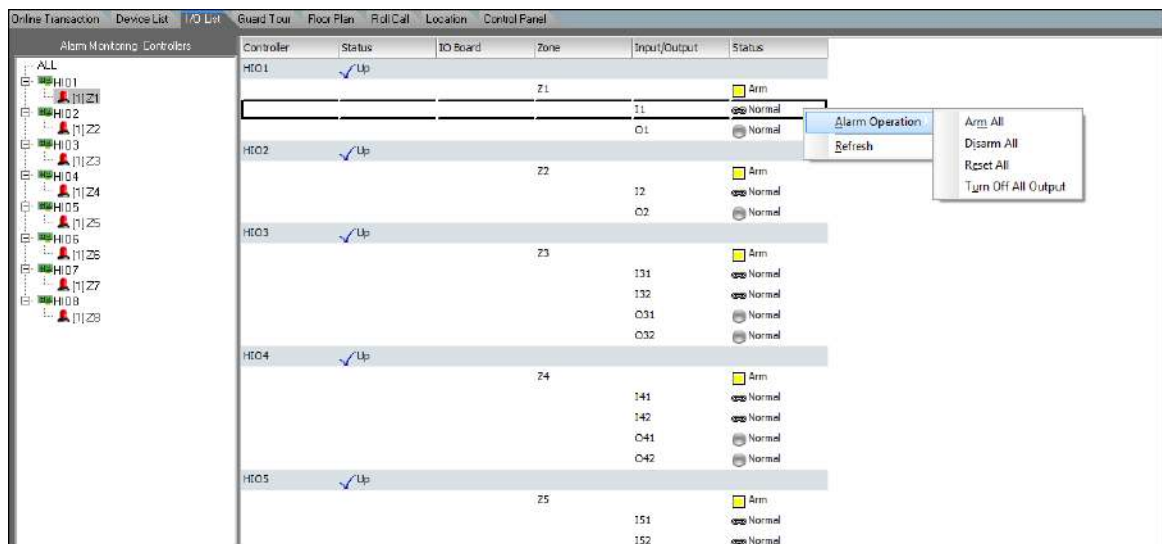
- **Arm All**
 - *Arm all HIO controllers*
- **Disarm All**
 - *Disarm all HIO controllers*
- **Reset All**
 - *Reset all HIO controllers*
- **Turn Off all Output**
 - *Turn off all Output of all HIO controllers*
- **Expand**
 - *Expand the selected Alarm Monitoring Controller's tree*
- **Collapse**
 - *Collapse the selected Alarm Monitoring Controller's tree*
- **Expand All**
 - *Expand all Alarm Monitoring Controllers' trees*
- **Collapse All**
 - *Collapse all Alarm Monitoring Controllers' trees*
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller's Zone in the I/O list

- **Alarm Operation**
 - **Arm Zone**
 - *Arm the selected HIO controller's Zone*
 - **Disarm Zone**
 - *Disarm the selected HIO controller's Zone*

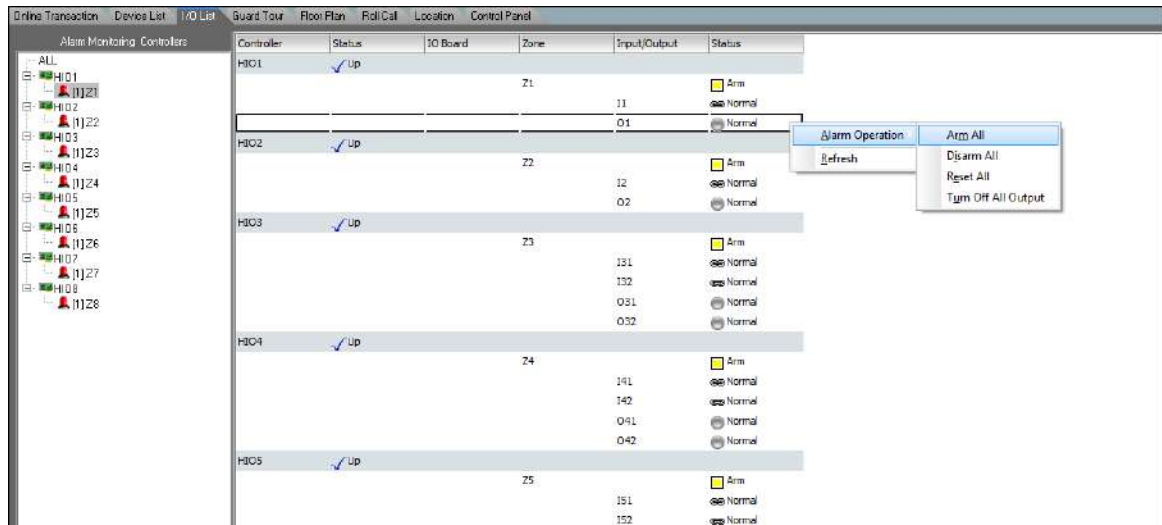
- **Reset Zone**
 - *Reset the selected HIO controller's Zone (Set Disarm to Arm)*
- **Turn Off Output Zone**
 - *Turn off the outputs of the selected HIO controller's Zone*
- **Arm All**
 - *Arm all HIO controllers*
- **Disarm All**
 - *Disarm all HIO controllers*
- **Reset All**
 - *Reset all HIO controllers*
- **Turn Off all Output**
 - *Turn off all Output of all HIO controllers*
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller's Input in the I/O list

- **Alarm Operation**
 - **Arm All**
 - *Arm all HIO controllers*
 - **Disarm All**
 - *Disarm all HIO controllers*
 - **Reset All**
 - *Reset all HIO controllers (Set Disarm to Arm)*
 - **Turn Off all Output**

- Turn off all Output of all HIO controllers
- **Refresh**
 - Refresh the Alarm Monitoring Controllers Panel



Right click the HIO controller's Output in the I/O list

- **Alarm Operation**
 - **Arm All**
 - Arm all HIO controllers
 - **Disarm All**
 - Disarm all HIO controllers
 - **Reset All**
 - Reset all HIO controllers (Set Disarm to Arm)
 - **Turn Off all Output**
 - Turn off all Output of all HIO controllers
- **Refresh**
 - Refresh the Alarm Monitoring Controllers Panel

Part



10 Chapter 4 - Guard Tour Tab

Online Transaction								
Device List								
I/O List								
Guard Tour								
Floor Plan								
Roll Call								
Location								
Control Panel								
Date	Time	Controller	Door	Route	Station	Card No.	Name	Transaction
2008/10/23	15:42:35	32100	2nd Entrance	1	2	062724	Guard Patrol 1	(00) GT Late Swipe
2008/10/23	15:42:34	32100	2nd Entrance	1	2	062724	Guard Patrol 1	(00) GT Late Swipe
2008/10/23	15:42:32	32100	2nd Entrance	1	2	062724	Guard Patrol 1	(00) GT Late Swipe
2008/10/23	15:42:30	32100	2nd Entrance	1	2	062724	Guard Patrol 1	(00) GT Late Swipe
2008/10/23	15:42:14	32100	2nd Entrance	1	2	062724	Guard Patrol 1	(00) GT Late Swipe
2008/10/23	15:42:02	52000	Main Door	1	1	062724	Guard Patrol 1	(00) GT Late Swipe
2008/10/23	15:41:12	52000	Main Door	1	1	062724	Guard Patrol 1	(00) GT Late Swipe

Guard Tour

A display where polled guard tour transactions from the installed controllers are being listed. This guard tour transaction will only show the guard online event when the guard is "GT Early Swipe" (if the guard arrive early at the route according to the scheduled time) or "GT Late Swipe" (if the guard arrive late at the route according to the scheduled time). To view the entire guard tour transaction record, system administrator can go to Control Panel > Utilities > Report > Guard Tour Report

All the guard tour setting can be done in Control Panel > "Guard Tour"



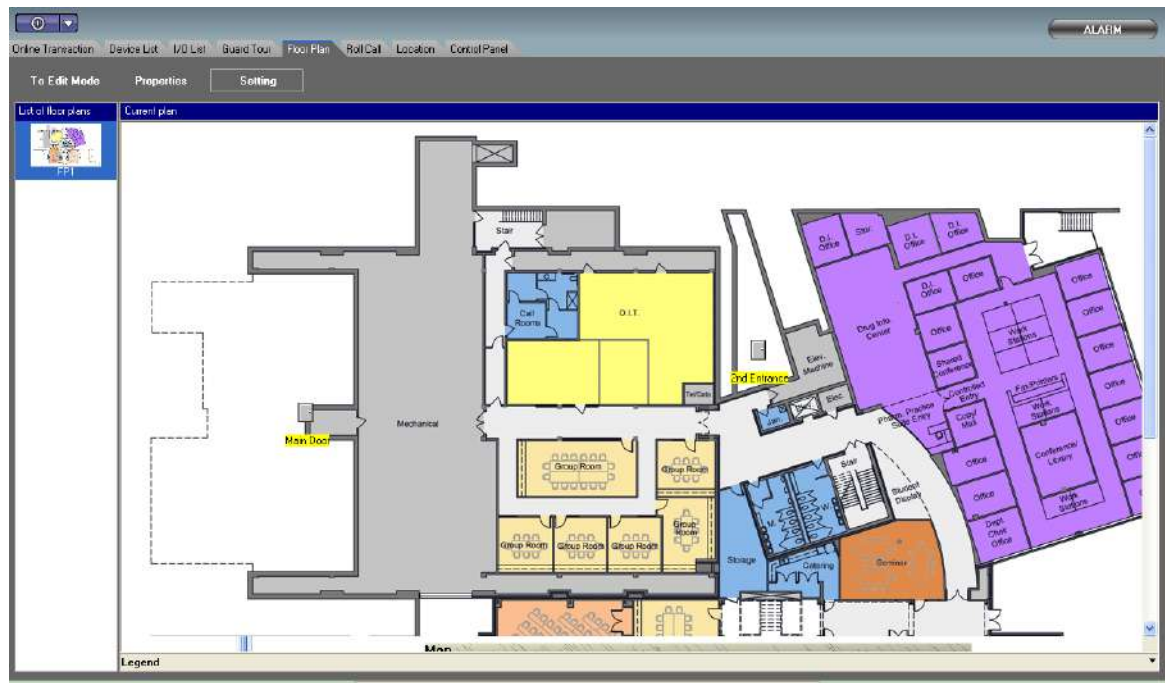
NOTE: If there is an emergency case, the guard can flash 3 times on the reader to trigger the (CB) GT Duress Alarm that will appear on the Online Transaction menu and alarm list. This GT Duress Alarm will notify other guards to take immediate action.

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Pause				Show Detail			
Date	Time	Controller	Door	Staff No.	Name	Card No.	Transaction
2008/10/23	15:51:32	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CB) GT Duress Alarm
2008/10/23	15:51:32	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:30	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:29	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:28	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CB) GT Duress Alarm
2008/10/23	15:51:28	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:27	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:18	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:17	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CB) GT Duress Alarm
2008/10/23	15:51:17	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:16	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:14	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:12	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CB) GT Duress Alarm
2008/10/23	15:51:12	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:11	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:51:04	S2100	2nd Entrance	GT1	Guard Patrol 1	062724	(CA) Valid GT Card Swipe
2008/10/23	15:50:38	S2100					(SL) Controller Up
2008/10/23	15:50:37	S2000					(SL) Controller Up
2008/10/23	15:50:36						(SI) Platform1 Server Start Up

Part

XI

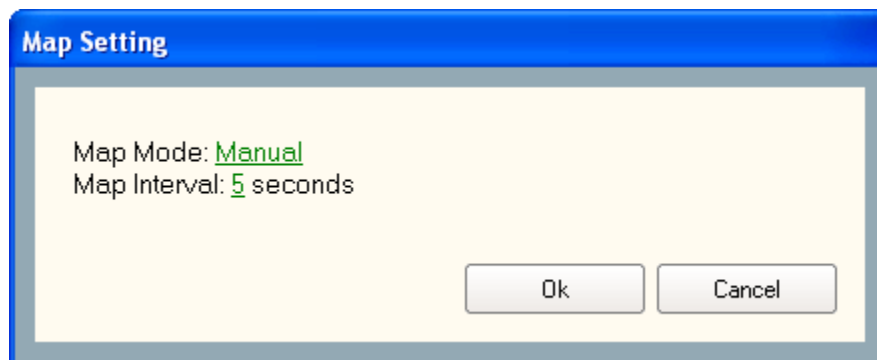
11 Chapter 5 - Floor Plan Tab



Floor Plan

A display of controller position in the floor plan base on the actual environment.

To define map mode:



1. Click on the "Setting" button
2. On the map mode, click on the "Manual" to switch to Auto mode
3. On the map interval, click on the number to define the interval time (in seconds) for the map to switch to another map



NOTE: System administrator can switch to Auto mode if the system has more than 1 maps in the floor plan

To add a map into the system:

1. Click on the "To Edit Mode" button.
2. Click on the "Map" button to add a new map into the system.

Map

Point

Properties

To Normal Mode



NOTE: System administrator can only include 100 maps in the system

Add [F2]

To add new map into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Map - Add

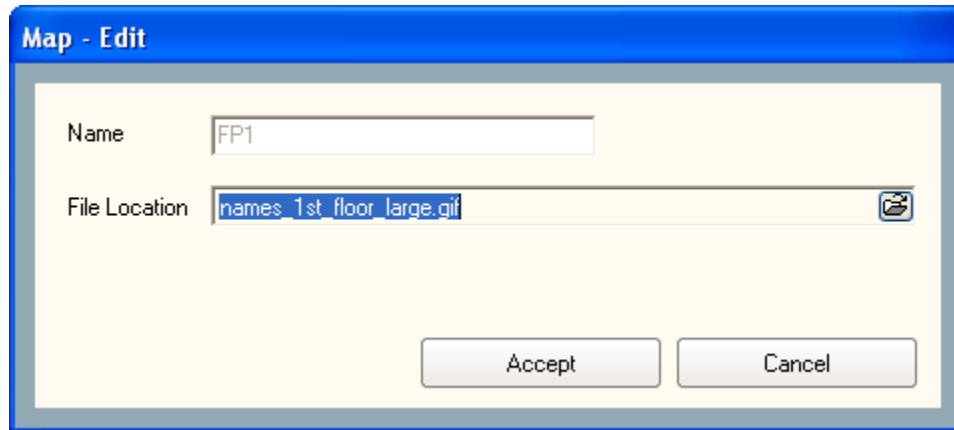
Name

File Location 

1. Assign the name for the map.
2. Browse for the map and click on "Save and Close" button to save the current map and close the Add Map menu.
3. Click on the "Save and New" button if system administrator wish to add another map.
4. Click on the "Cancel" button to exit the Add Map menu.

Edit [F4]

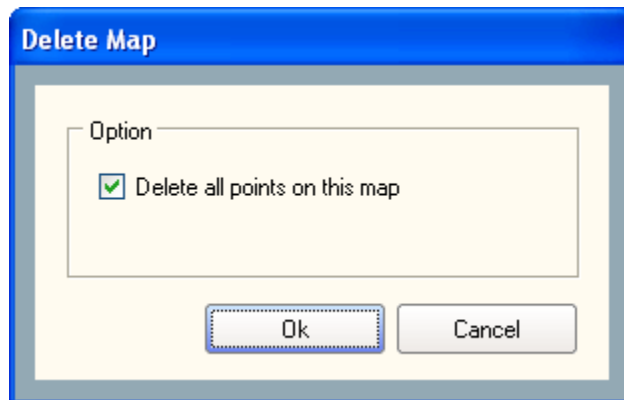
To edit existing map in the system. Highlight on the map and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



1. Only the map can be changed
2. Click on the "Accept" button to accept the new changes.
3. Click on the "Cancel" button to discharge the changes.

Delete [F6]

To delete existing map in the system. Highlight on the map and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Tick on the option to delete all the points on this map.
2. Click on "Ok" button to confirm the delete, or "Cancel" button if decided not to delete the selected map.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the map listing.

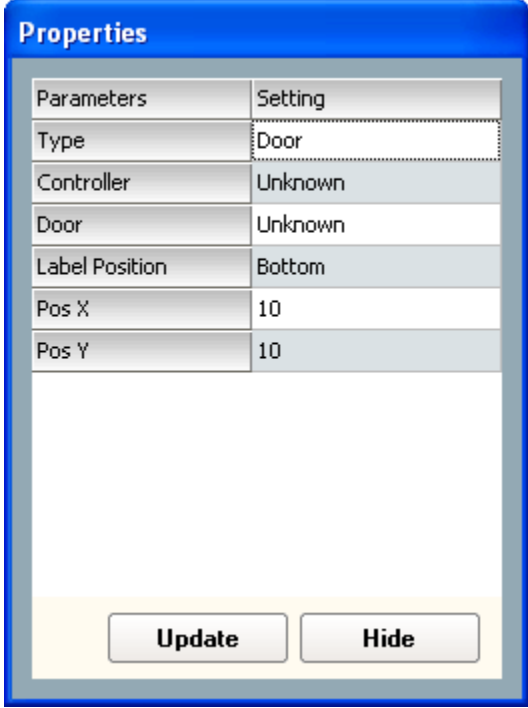
Print [F7]

Click the button or press the shortcut key "F7" to print the map list to printer.

Close

Click to close the map form.

To add a point into the map:

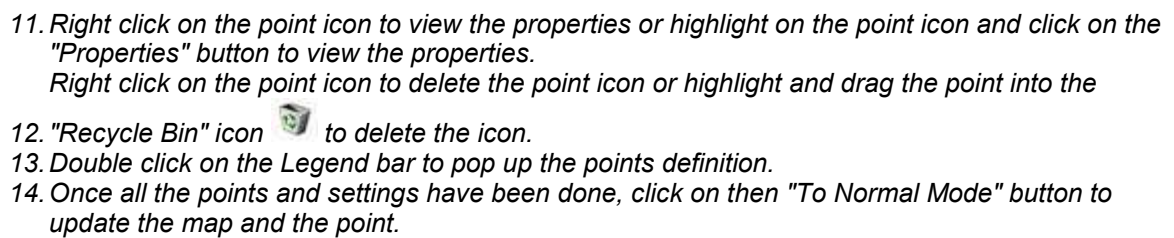


The image shows a 'Properties' dialog box with a blue title bar. Inside, there is a table with two columns: 'Parameters' and 'Setting'. The table contains the following data:

Parameters	Setting
Type	Door
Controller	Unknown
Door	Unknown
Label Position	Bottom
Pos X	10
Pos Y	10

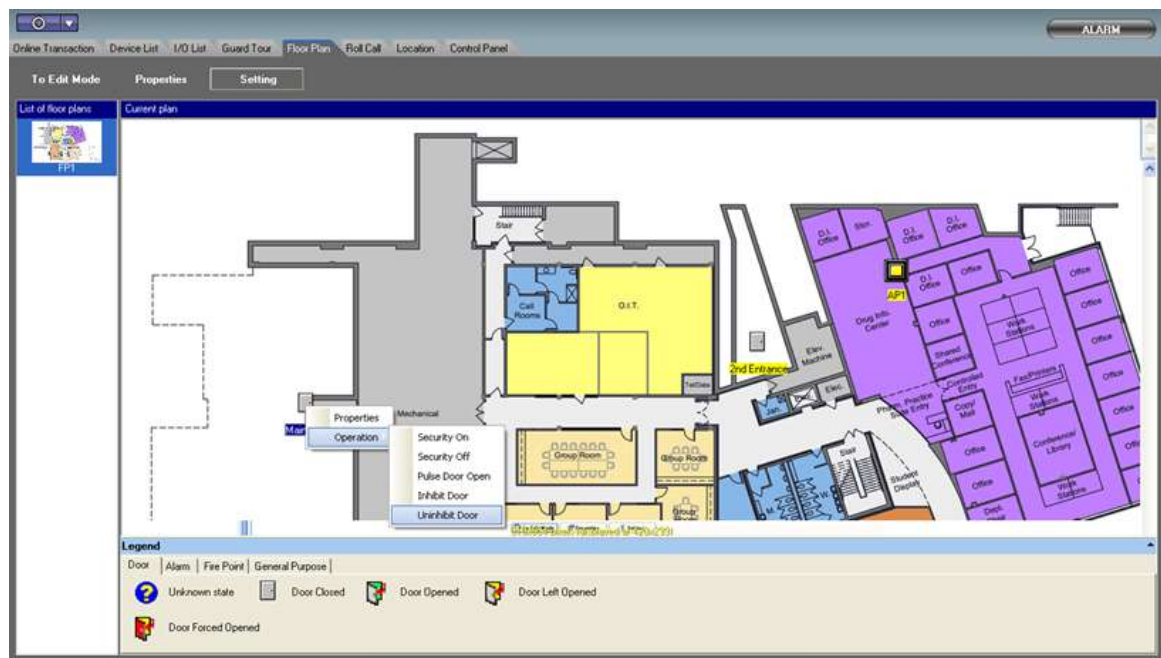
Below the table, there are two buttons: 'Update' and 'Hide'.

1. Click on the "Point" button to pop up the new point.
2. The properties menu will pop up.
3. Choose the type of the point. (Door, Alarm, Fire and General Purpose)
4. Choose the controller to be represent by the point.
5. Choose the door to be represent by the point.
6. Choose the label position of the point. (Default: Bottom)
7. Assign the pos X for the label position. (Default: 10)
8. Assign the pos Y for the label position. (Default: 10)
9. Click on "Update" button to update the setting for the point.
10. Click on "Hide" button to hide the properties menu.

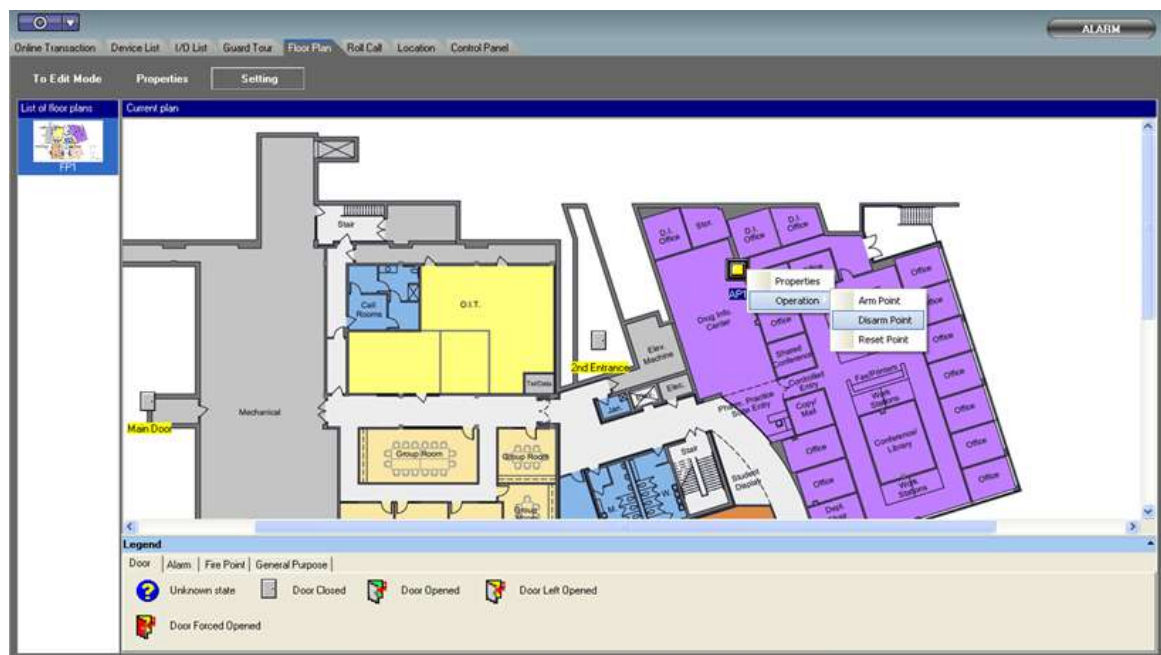


NOTE: System administrator can also right click on the point icon to send the door operation such as Pulse Door Open or the alarm operation such as Arm Point if the point is set as a alarm point

Door Point



Alarm Point



Part

XII

12 Chapter 6 - Roll Call Tab

Staff No.	Staff Name	Dept	Job	Shift	Date	Time	Card No.	Controller Name	Door Name
EP1	Sha	IT	IT Exec	Normal shift	2008/10/23	12:53:57	064510	S2100	2nd Entrance
EP2	Janice	HR	HRM	Normal shift	2008/10/23	12:57:09	009591	S2100	2nd Entrance

Total Staff: 2

Find Refresh

Roll Call

A display where the system administrator can monitor the group of staff (roll call group) in a particular area. Only those staff member that haven't flash OUT on the particular area will be captured in Roll Call. System administrator can go to Control Panel > Utilities > Report > Roll Call Report to view the roll call in report form. Normally roll call system is apply when the system administrator need to check on the particular area whether the area are still occupy with staff member or not.

To create a roll call group, system administrator need to go to Control Panel > System > Roll Call Group

Roll call group "All" (default) show all the entry transactions on all the different roll call group whereas Roll call group "Undefined" show all the entry transactions on those doors which does not have any roll call group on it. If the "Undefined" roll call group is not needed on the 'Roll Call' form, administrator can go to Control Panel > System > Preference > **Miscellaneous** to check on the checkbox showing "Please ignore those controllers which does not have any Roll Call Group..." to disable and hide the "Undefined" group from the 'Roll Call' form. Otherwise if the staff member flashes the card on the exit door that does not have any roll call group, it will clear the staff list from the roll call list as well.

Roll call group 'All'

Online Transaction Device List I/O List Guard Tour Floor Plan **Roll Call** Location Control Panel

Roll Call Group

Staff No. /	Staff Name	Dept	Job	Shift	Date	Time	Card No.	RC Group	Controller Name	Door Name
EP2	EP-2	PRO	Pro Exec	Normal	2009/01/06	16:06:55	032561	RC2	NMENT 35	Main Door
EP3	EP-3	RND	Engineer	Normal	2009/01/06	16:06:59	002620	RC1	NMENT 40	Server Room

Staff No. /	Staff Name	Dept	Job	Shift	Date	Time	Card No.	Controller Name	Door Name
EP2	EP-3	RND	Engineer	Normal	2009/01/06	16:06:59	002620	NMENT 40	Server Room

Staff No. /	Staff Name	Dept	Job	Shift	Date	Time	Card No.	Controller Name	Door Name
EP2	EP-2	PRO	Pro Exec	Normal	2009/01/06	16:06:55	032561	NMENT 35	Main Door

- Find**

Click on the "Find" button" or right click on the screen and select "Find" to search for the specific staff member.

Find Staff

Find By

☒ Staff No ☐ Card No ☐ Name

Find

Ok Cancel

Status:

1. Select the type of searching. (by Staff No, Card No or by Name)
2. Enter the staff member information according to the type of find.
3. Click on the "Ok" button to start find the staff member or click on "Cancel" to discharge the changes and to exit the find staff menu.

- Refresh**

Click on the "Refresh" button or right click on the screen and select "Refresh" to refresh the roll call list

Part



13 Chapter 7 - Location Tab

Staff No.	Staff Name	Dept	Job	Shift	Date	Time	Card No.	Controller Name	Door Name	RC Group	Status
EP1	Sua	IT	IT Exec	Normal shift	2008/10/23	16:43:53	004310	S2000	Main Door		Out
EP2	Jance	HR	HRM	Normal shift	2008/10/23	12:57:09	009591	S2100	2nd Entrance		In

Total Staff: 2

Find Refresh

Location

A display where the system administrator can keep track staff member latest location. The location information will be immediately update once there is a new transaction showing the particular staff record. (Either "Valid card entry" or "Valid card exit" transaction only)

- Find**
 Click on the "Find" button or right click on the screen and select "Find" to search for the specific staff member.

Find Staff

Find By

☒ Staff No
 ☐ Card No
 ☐ Name

Find

Ok Cancel

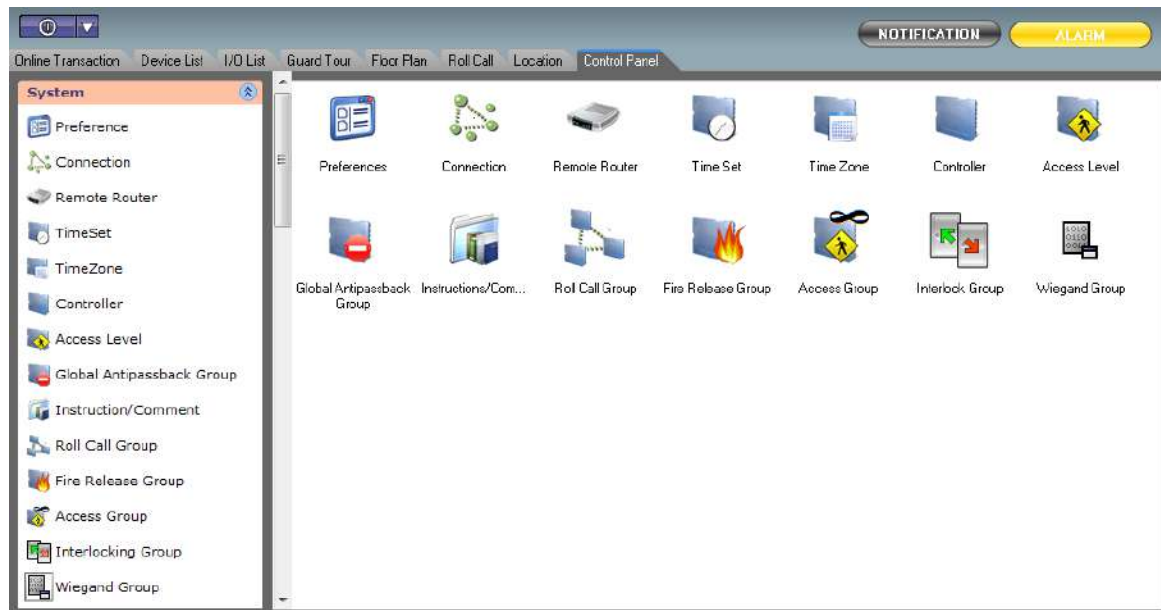
Status:

1. *Select the type of searching. (by Staff No, Card No or by Name)*
 2. *Enter the staff member information according to the type of find.*
 3. *Click on the "Ok" button to start find the staff member or click on "Cancel" to discharge the changes and to exit the find staff menu.*
- **Refresh**
Click on the "Refresh" button or right click on the screen and select "Refresh" to refresh the location list.

Part

XIV

14 Chapter 8 - Control Panel Tab



Control Panel

A display where all the various tools that used to configure the system.

1. Sub Menu Selector

Orange colored tab indicates the active tab selected.

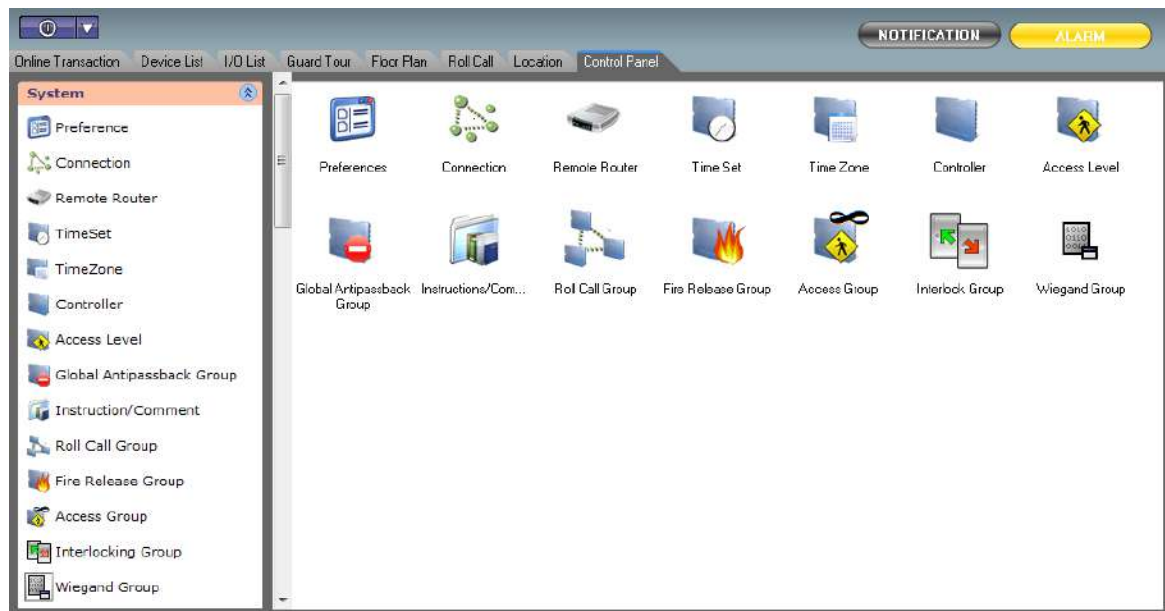
2. Expand / Collapse Button

This menu provides operators a quick way to access to the functions. Single click on the button will execute the function

3. Sub-Menu Contents

Display of all functions under the selected sub-menu.

14.1 System



1. Sub Menu Selector

Orange colored tab indicates the active tab selected.

2. Functions Quick Start Menu

This menu provides operators a quick way to access to the functions. Single click on the button will execute the function

3. Sub-Menu Contents

Display of all functions under the selected sub-menu.

14.1.1 Preference

Preferences - View

Miscellaneous	PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server
System	Alarm	User Defined Field	Email Notification	SMS Notification
				Report

Controller

Facility Code 1

Facility Code 2

Facility Code 3

Activate Global Antipassback ☐ No

Hard Disk

Min Warning Level (MB) (Min: 1000, Max: 1500)

Min Free Level (MB) (Min: 500, Max: 800)

If Min Free Level is reached, please ☒ Stop polling
☐ Purge old transactions (earliest 1 day)

Process

Enable Debug Mode ☒ Yes

Startup

Run when Windows starts (WinNT or above will require Administrator login) ☐ No

Preference

In this section, operator can define configuration available from the system to the access controller.

- System
- Alarm
- User Defined Field
- Email Notification
- SMS Notification
- Report
- Miscellaneous
- Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)
- N-MiNi
- Active Engine
- Transaction Server

14.1.1.1 System

Preferences - View

Miscellaneous	PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server
System	Alarm	User Defined Field	Email Notification	SMS Notification
				Report

Controller

Facility Code 1

Facility Code 2

Facility Code 3

Activate Global Antipassback ☐ No

Hard Disk

Min Warning Level (MB) (Min: 1000, Max: 1500)

Min Free Level (MB) (Min: 500, Max: 800)

If Min Free Level is reached, please ☒ Stop polling ☐ Purge old transactions (earliest 1 day)

Process

Enable Debug Mode ☒ Yes

Startup

Run when Windows starts (WinNT or above will require Administrator login) ☐ No

System

- **Controller Site Codes**

It was created to accommodate larger quantity of cards to be used in a facility without increasing the usable card number. Each site code has a capability of holding 65535 cards. The card with special facility code can be ordered separately. Platform1 allows user to define 3 sets of facility code.

By default, 0000 is used to disable the facility code checking. To enable the facility code, please refer to your card's facility code number.

- **Activation for Global Antipassback**

Check if system administrator wish to enable the global antipassback in the system. Once activated, the system will monitor all the controllers events (Only for those controllers that have Global Antipassback Group enabled). Please go to Control Panel > System > Global Antipassback Group for a better understanding.

Activate Global Antipassback ☐ No

- **Hard Disk**

Platform1 has the capability to monitor system available hard disk space for storing access control transaction. Operator can set the minimum warning level to receive alert whenever the system is running low on hard disk space.

- **Enable Debug Mode**

If checked, the system will generate all the debug file into the LOG folder under the P1 Server directory.

- **Startup**

This is to enable the Platform1 server to automatically startup when window is startup.

System - S3100, S3200, S3400, N5100, N5200, N5400

Preferences - View

PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification
				Report	Miscellaneous

Software

Digits version: 10 Digits

User Key (AES):

Retype User Key (AES):

Hard Disk

Min Warning Level (MB): 1000 (Min: 1000, Max: 1500)

Min Free Level (MB): 500 (Min: 500, Max: 800)

If Min Free Level is reached, please: ☒ Stop polling ☐ Purge old transactions (earliest 1 day)

Process

Enable Debug Mode: ☐ No

Startup

Run when Windows starts (WinNT or above will require Administrator login): ☐ No

Edit Close

- **Software - Digit Version**

- **6 Digits:** 6 digits card number format
- **10 Digits:** 10 digits card number format



NOTE: For existing site, P1 will detect its card database to determine 6 or 10 digits; For new site, user can change the digits as long as the card database is empty



NOTE: Once a card is added into the database, user cannot change the digit version anymore, e.g.: user added a 6 digits card, the digit version will no longer changeable to 10 digits until the card database is empty

- **Software - AES**

- **User Key:** AES key defined by user for data encryption/decryption
- **Retype User Key:** Retype and confirm the AES key



NOTE: Only the network controller of batch 3 and above has AES Encryption features (e.g.: N5100, N5200 and N5400)



NOTE: Default AES user key is 12345678; user is advisable to change the AES user key for security purpose

14.1.1.2 Controller

Preferences - View

System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous

Controller

Facility Code 1 NOTE: Facility Codes are not being used in 10 Digits version.

Facility Code 2

Facility Code 3

Facility Code 4

Facility Code 5

Facility Code 6

Facility Code 7

Facility Code 8

Facility Code 9

Facility Code 10

Activate Global Antipassback ☐ No

☐ Use trimming method for Card No. when converting from 32bits to 26bits (for old firmware)

Edit Close

Controller - S3100, S3200, S3400, N5100, N5200, N5400

- **Facility Code**

Allowed 10 sets of facility codes/site codes to be assigned to the controllers

- **Activate Global Antipassback**

Enable peer to peer/global antipassback for controllers

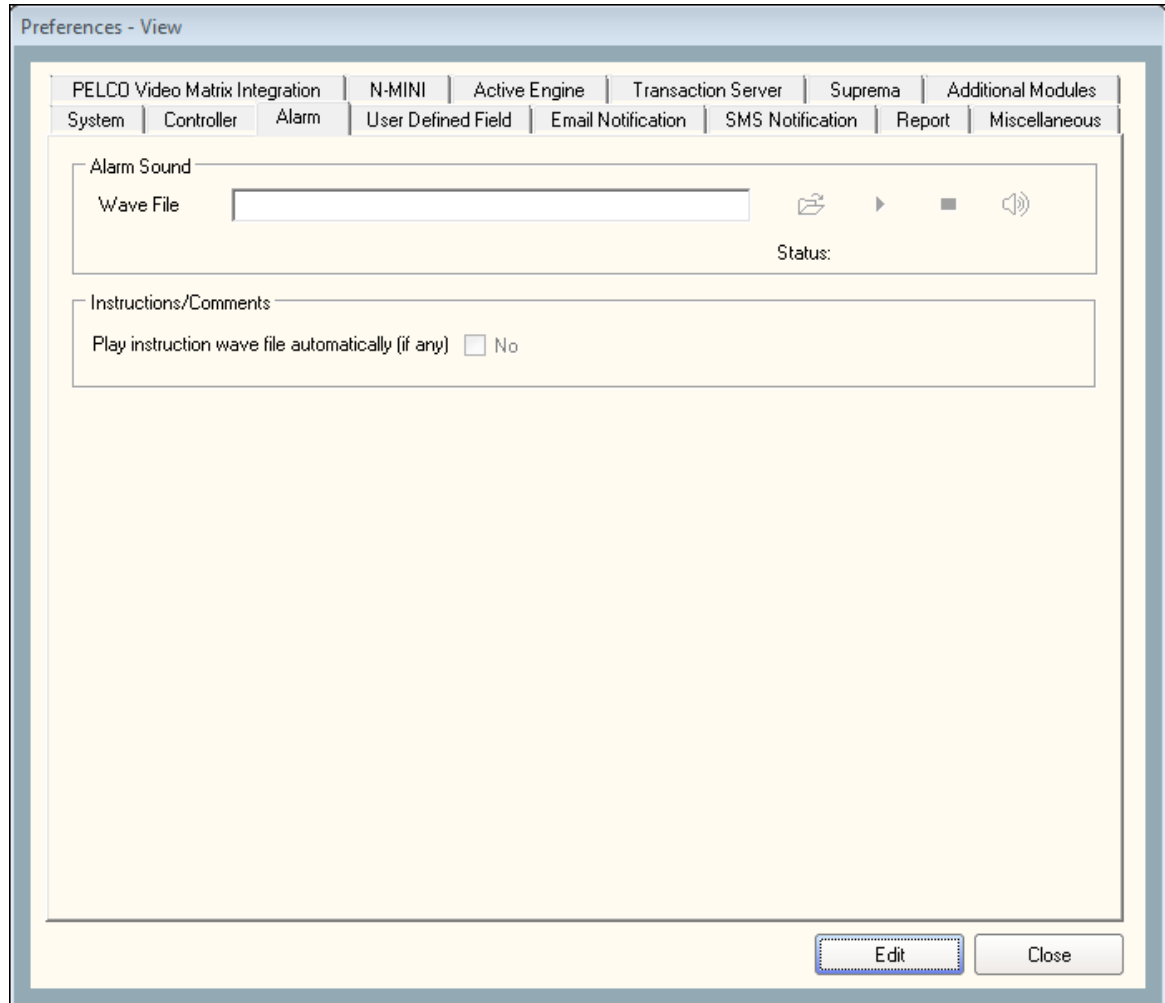
- **Trimming Method**

Use trimming method for card number when converting from 32bits to 26bits (For old firmware, e. g.: Bank Rakyat)



NOTE: Facility Code 1 to 3 is applicable for all controller while Facility Code 4 to 10 only applicable to S3100, S3200, S3400, N5100, N5200, N5400

14.1.1.3 Alarm



Alarm

- **Alarm Sound**

Select pre-recorded audio file in wave format. During an alarm event, the selected audio file will be played to alert the operator.

- **Instruction / Comment**

Option to play the pre-recorded audio file in wave format when an instruction / comment is displayed during an alarm event. Check the box to activate this feature.

14.1.1.4 User Defined Field

Preferences - View

System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous
UDF 1							
UDF 2							
UDF 3							
UDF 4							
UDF 5							
UDF 6							
UDF 7							
UDF 8							
UDF 9							
UDF 10							

Edit Close

User Defined Field

If the system provided staff member information fields are not sufficient, administrator can define 10 extra fields for the staff member's detail. (eg. Car Registration Number, home phone number, mobile phone number etc). Field name entered here will be reflected in staff details under [**Company > Staff**]

14.1.1.5 Email Notification

Preferences - View

PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification
Report	Miscellaneous				

Setting

SMTP Server

User Account

☐ Authentication required

User Password

Options

☐ Please send email to the following recipient(s) when alarm type of transaction is detected.

Email 1

Email 2

Email 3

Email 4

Email 5

☐ Please attach the email with snapshot(s) if any.

Edit Close

Email Notification

Upon receiving alarm event occurred in the system, Platform1 is capable of sending email notification to system administrator. Up to 5 recipient can be added to receive this notification.



NOTE: Please contact your email server administrator for server details and login information

14.1.1.6 SMS Notification

Preferences - View

System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous

Setting

Service Centre

SIM Phone No.

SIM PIN No.

Comm Port (Max: 64)

Options

☐ Please send SMS to the following recipient(s) when alarm type of transaction is detected.

Phone 1

Phone 2

Phone 3

Phone 4

Phone 5

Edit Close

SMS Notification

Upon receiving alarm event occurred in the system, Platform1 is capable of sending SMS notification to system administrator. Up to 5 recipients can be added to receive this notification.



NOTE: Please get all necessary information from your mobile service provider.

14.1.1.7 Report

Preferences - View

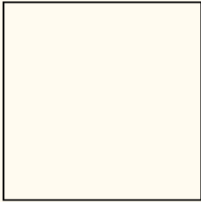
PELCO Video Matrix Integration | N-MINI | Active Engine | Transaction Server | Suprema | Additional Modules

System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | **Report** | Miscellaneous

Company

Name

Logo

Preview 

(NOTE: Best size for logo file is 100 * 100)

Edit Close

Report

- Name
Enter company name to be appeared on reports generated by this system.
- Logo
Select company logo to be appeared on reports generated by this system.



NOTE: Only Bitmap (bmp) format supported by the report logo

14.1.1.8 Miscellaneous

Preferences - View

PELCO Video Matrix Integration | N-MINI | Active Engine | Transaction Server | Suprema | Additional Modules
 System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | Report | Miscellaneous

Screen

☒ Show Roll Call and Location screen (this will require more processing time and will slow down the startup of application).
Apply to individual machine and take effect on next startup.

Auto Logout

Auto Logout Time (minute) (Min: 0, Max: 999, 0 = Disable)

Logout Beep (second) (Min: 0, Max: 60, 0 = Disable)

Preset Staff No

Prefix separator

Min number of digits

Roll Call

Invalid Flash In refers to those who flash in before 17/08/2010

☐ Please ignore those controllers which does not have any Roll Call Group i.e. Undefined.

E-Leave

Import Leave Path

Miscellaneous

- **Screen**

This is to show the Roll Call and Location on the Tabbed Menu Selector. Upon check, the processing time will be longer and it will ONLY slow down the startup of the application.

- **Auto logout**

If there is no any activity on the software, the user will be automatically log out right after the auto log out time.

- **Preset Staff No**

This Preset Staff No. is mainly used when we assign a cardholder Staff No. ex:

Prefix separator: =

Min number of digits: 3

If the staff member is under IT department, then the exact staff no will be:

IT=001 , IT=002 and so on....

Personal Data | Card Data | User Defined Field | TA User Login

Staff No. ☒ Use Running No.

Name

IC No.

Gender ☒ Male ☐ Female

Date of Birth

Date of Join

Department ☒

Job ☒

- **Roll Call**

Delete Invalid Flash In

This is to delete the previous day roll call status. (It will only show the latest date of the roll call status)

☒ Please ignore those controllers which does not have any Roll Call Group i.e. Undefined.

Once checked, the '**Undefined**' roll call group will not be shown on the Roll Call Tab of the system and those doors that does not have any roll call group will not be consider in the staff head count upon the card is flashed.

- **E-Leave**

E-Leave is a 3rd party integration with Pay Roll system (ex: CORE system). When the user apply leave through their 3rd party software, the software will send information into this path where the Platform1 software will pick up the information and include in the posting process.

14.1.1.9 Pelco Video Matrix Integration

Preferences - View

System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | Report | Miscellaneous

PELCO Video Matrix Integration | N-MINI | Active Engine | Transaction Server | Suprema | Additional Modules

General

Enable PELCO Integration ☐ No

Comm Port

Comm Port (Max: 64)

Baud Rate

Data Bits

Parity

Stop Bits

Control Commands

Monitor 1	0	Camera 1	0
Monitor 2	0	Camera 2	0
Monitor 3	0	Camera 3	0
Monitor 4	0	Camera 4	0

PELCO Video Matrix Integration

(This feature was removed since version 3.11.11.01)

This segment is an integration between Platform1 system and PELCO video matrix system.

- **General**

Check to enable the PELCO Video Matrix Integration with Platform1.

- **Comm Port**

This is the setting that user need to set according to the configuration on the PELCO DVR.
(Make sure all the comm port setting and etc are set exactly the same with Platform1 software)

- **Control Commands**

To enable which monitor to display which camera when there is an alarm event trigger. (Only applicable to DOOR FORCE OPEN alarm and DOOR LEFT OPEN alarm)



NOTE: PELCO Video Matrix Integration features will not be supported for version 3.11.11.01 and above

14.1.1.10 N-MiNi

The screenshot shows the 'Preferences - View' window with the following tabs: System, Controller, Alarm, User Defined Field, Email Notification, SMS Notification, Report, Miscellaneous, PELCO Video Matrix Integration, N-MINI, Active Engine, Transaction Server, Suprema, and Additional Modules. The 'N-MINI' tab is selected.

N-MINI Auto Discovery

Port No.

Customer Help Line (N-MINI only)

These 2 lines will appear on the LCD of N-MINI when user enter the Error mode of N-MINI

Line 1

Line 2

Active Downloader

Init/Deinit Time (msec)

Admin PIN No

Admin PIN No. is used to enter into N-MINI Programming Mode

PIN No.

PC Network Setting

Subnet Mask Gateway

(Note that changing Subnet Mask and Gateway setting here will not change the setting of the PC. It only affect the default setting shown when adding new controller)

N-MINI

- **N-MINI Auto Discovery**

This section is to determine the "New Controller Found" Wizard port number. (default: 2020)
Where each of the newly installed unit will be automatically appear on the Wizard menu because the default port that come out from the manufacturer side is port 2020.

- **Customer Help Line (N-MINI only)**

These 2 lines are provided to the system administrator to insert in any short information. (Ex: vendor information such as technical person in-charge as well as the contact number) Once inserted, click on the Accept button to save the new setting and this help line will be automatically send to all the connected N-MINI controllers. This is to ease the customer problem whenever they need to find the right person when the problem occurs.

Ex: When customer check that there is an Exclamation Sign displaying on the N-MINI LCD screen, all they need is by pressing "F2" button and the Customer Help line info will be appear on top of the screen followed by some diagnostic tool to let customer know what is the problem.

- **Active Downloader**

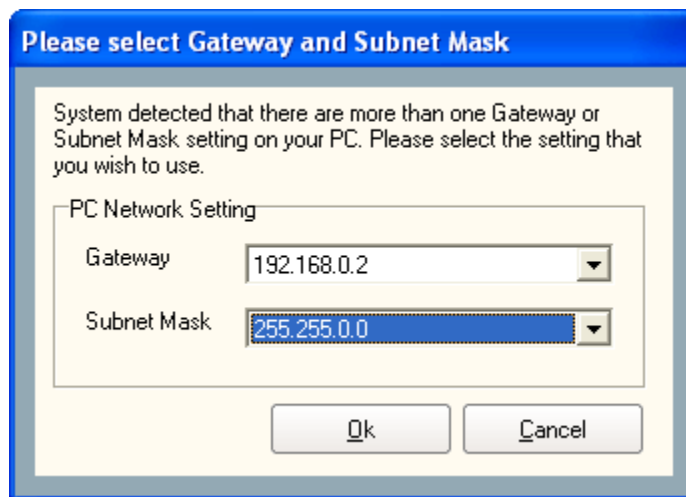
Waiting time for the controller to start the Active Downloader engine. (Default: 1 msec)

- **Admin PIN No**

Admin PIN number is required when system administrator wish to enter the N-MINI programming mode on the N-MINI keypad. System administrator can change the Admin PIN by assigning new 6 digit password and it will update to all the connected N-MINI controllers.

- **PC Network Setting**

Press on the "Get PC Network Setting" button to select the Subnet Mask and Gateway from the PC that you wish to set it as a default for this application. The "Please select Gateway and Subnet Mask" form will only appear for the administrator to select if the PC have more than 1 Subnet Mask or Gateway.



Please select Gateway and Subnet Mask

System detected that there are more than one Gateway or Subnet Mask setting on your PC. Please select the setting that you wish to use.

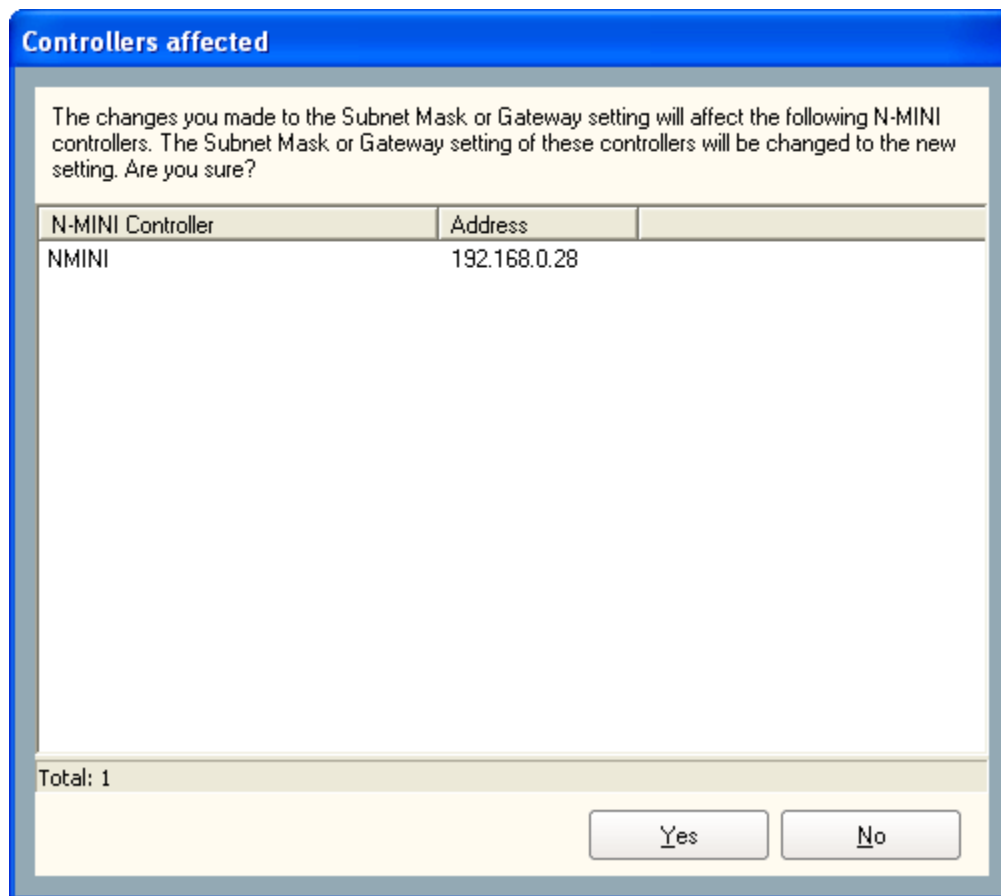
PC Network Setting

Gateway: 192.168.0.2

Subnet Mask: 255.255.0.0

Ok Cancel

1. Select the Gateway and Subnet Mask that you wish to use.
2. Click on "OK" button to accept the new setting or "Cancel" button to cancel the changes.
3. Click on "Accept" button to update the new settings to controllers. If controller database currently have few N-MINI controllers that already connected to the system, it will show this "Controller Affected" form stated that the changes you made on the Subnet Mask and Gateway setting will affect the following N-MINI controllers and the Subnet Mask or Gateway settings of these controllers will be changed according to the new setting.
4. Click on "Yes" button to proceed the changes or "NO" button to cancel the changes.



NOTE: Changing the Subnet Mask and Gateway setting here will not change the setting of the PC, it only affect the default setting shown when adding new controller (N-MINI)

14.1.1.11 Active Engine

Preferences - View

System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | Report | Miscellaneous

PELCO Video Matrix Integration | N-MINI | **Active Engine** | Transaction Server | Suprema | Additional Modules

Active Engine 1

Setting

IP Address: 192.168.0.172

Command Receiver Port: 44000

Transaction Transmitter Port: 44001

P1 Server

IP Address: 192.168.0.172

N-MINI

Port 1: 44002	Port 6: 44007
Port 2: 44003	Port 7: 44008
Port 3: 44004	Port 8: 44009
Port 4: 44005	Port 9: 44010
Port 5: 44006	Port 10: 44011

Edit Close

Active Engine

Active Engine is an external module that act as a messenger between P1 Server application and N-MINI. Any commands sent from P1 Server will be passed to this Active Engine before it reaches N-MINI. On the contrary, any transactions from N-MINI will be passed to Active Engine first before it reaches P1 Server application. P1 Server application can support up to 10 Active Engine module (Max) where this Active Engine module can be detachable from the P1 Server PC in order to balance up the PC load. P1 Server can support 10 Active Engine where each of the Active Engine consists of 10 N-MINI port whereby each port can support 10 N-MINI controllers. Therefore 1 Active Engine can connect up to 100 controllers to P1 Server.

- **Setting**

To assign the Active Engine IP address, command receiver port (Default: 44000) and command transmitter port (Default: 44001). By default the IP address will be same with P1 Server IP address unless if the Active Engine is detach to other PC. System administrator can change the default port of the receiver and transmitter ports if there is other application that uses it.

- **P1 Server**

To assign the IP address that refer back to the P1 Server location. The active engine module that installed on different PC need to configure this IP based on the P1 Server application location.

- **N-MINI**

Each active engine can support 10 N-MINI ports where each of the port can connect 10 N-MINI controllers. System administrator can change the port value if the port already been used by other application or service.



NOTE: Always make sure that all of the selected ports on the Active Engine is available to use

14.1.1.12 Transaction Server

Preferences - View

System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | Report | Miscellaneous
PELCO Video Matrix Integration | N-MINI | Active Engine | Transaction Server | Suprema | Additional Modules

NOTE: Only applicable for MINI, N-MINI and HCB series controllers only

Setting

Activate ☐ No

Destination IP Address

Destination Port No.

Edit Close

Transaction Server

This is a third party integration feature that works with third party software that support XML (Extensible Markup Language) format.

- **Setting**

Check to activate the transaction server and system administrator need to assign the Destination IP and port (Default: 3001) of the third party software located. When P1 Server receive transaction from controller (This integration ONLY work with N-MINI and MINI controllers), it will send to to the selected destination IP and port to process by the third party software in XML format.

14.1.1.13 Suprema

Preferences - View

System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous
PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules		

Administrator

Administrator User ID 1 (Pre-served for all Fingerprint Reader usage)

Administrator Fingerprint(s)

Parameters	Enrolled
Template 01	☐ No
Template 02	☐ No

Enroll Delete

Reader Type

☒ Template On Card (Mifare Only) ☐ Proximity (10D, Wiegand 26-bits) ☐ CSN (10D, Wiegand 32-bits, Mifare Only)

Edit Close

Suprema - Finger Print Integration

This is the configuration for the Suprema Biometric Integration
User can setup Administrator Template in this section

Choosing Suprema Reader Type

Reader Type

☒ Template On Card (Mifare Only) ☐ Proximity (10D, Wiegand 26-bits) ☐ CSN (10D, Wiegand 32-bits, Mifare Only)

User must setup the type of reader for Suprema

- Template On Card (Mifare Only) - System will download the fingerprint template into the Mifare card
 - Supported Operation Mode:
 - Finger Only
 - Card + Finger
 - Card + Pin
 - Card Only
- Proximity - Choose this option if the Suprema reads Proximity Card (Only Support 10 Digits card number and 26-Bit Wiegand format)
 - Supported Operation Mode:
 - Card + Finger or Finger Only
 - Card + Pin
 - Card Only
- CSN - Choose this option if Suprema reads Mifare Card and don't need to write template on card (Only Support 10 Digits card number and 32-Bit Wiegand format)
 - Supported Operation Mode:
 - Card + Finger or Finger Only
 - Card + Pin
 - Card Only

Fore more details about operation mode, please refer Appendix E - Suprema Finger Print Integration > Operation Mode



NOTE: Suprema Reader Type is unchangeable if system detect cardholder record exists

Enrolling Administrator Templates

System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous
PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules		

Administrator

Administrator User ID 1 (Pre-served for all Fingerprint Reader usage)

Administrator Fingerprint(s)

Parameters	Enrolled
Template 01	☐ No
Template 02	☐ No

Enroll

Delete

Reader Type

☒ Template On Card (Mifare Only)
☐ Proximity (10D, Wiegand 26-bits)
☐ CSN (10D, Wiegand 32-bits, Mifare Only)

Accept

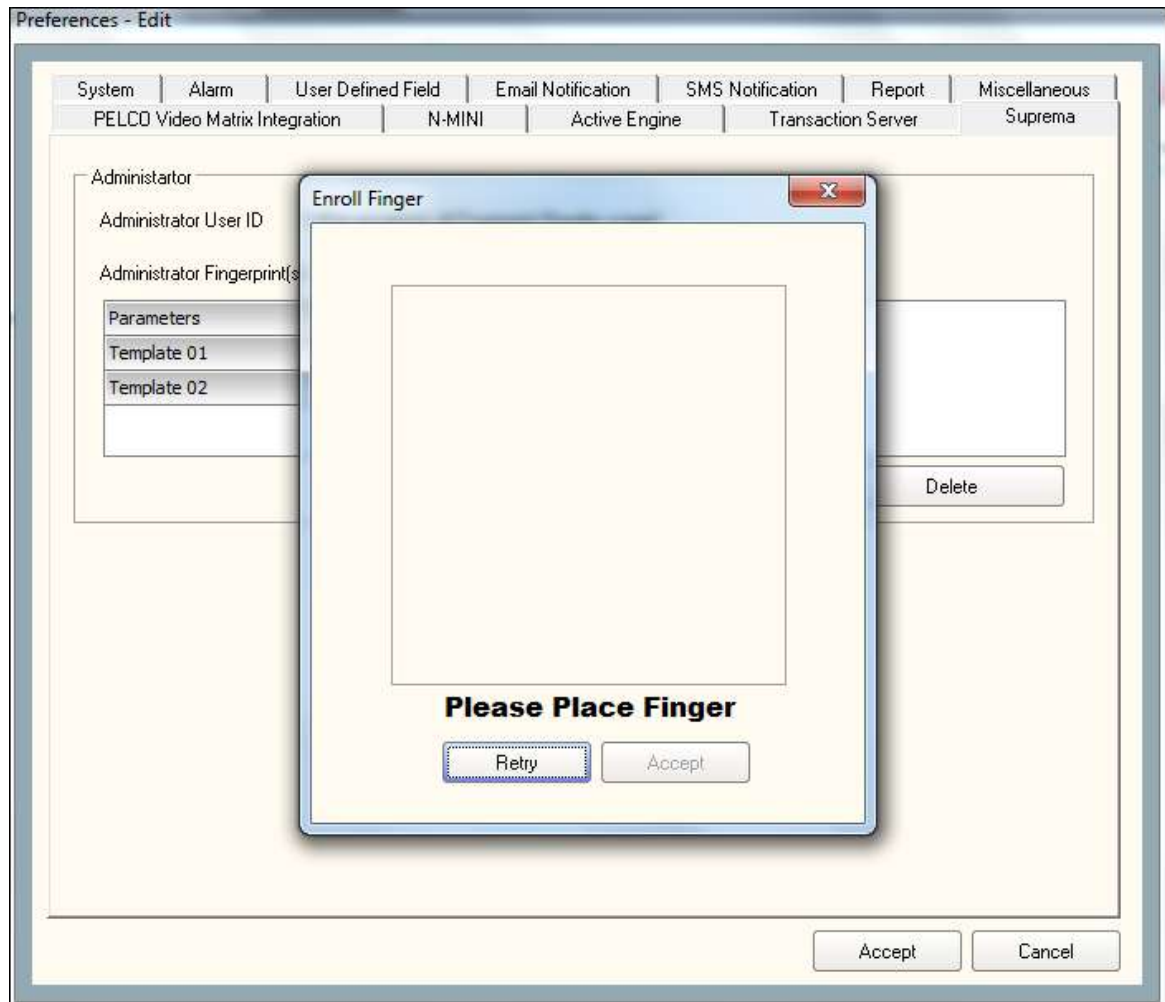
Cancel

- **Edit**
Select "Edit" to do template enrollment
- **Enroll**
Select "Enroll" to start template enrollment
The "Enroll Finger" window will prompted and place your finger on the Desktop Enrollment Unit to enroll the finger print template
- **Delete**
Select "Delete" to clear the enrolled Administrator template from the P1 Database as well as the Fingerprint Device

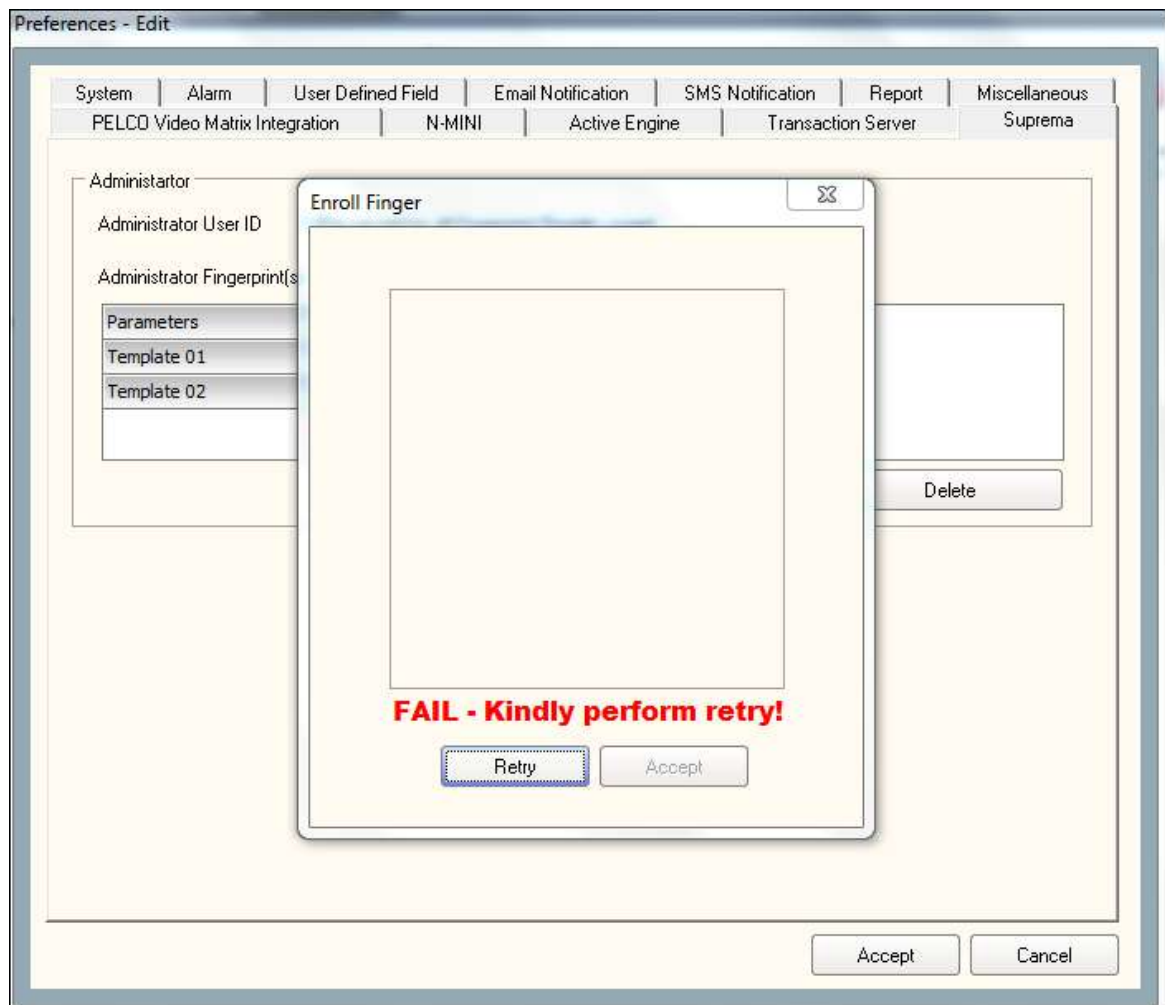


NOTE: User may enroll two Administrator Template into the P1 Database and FP Device

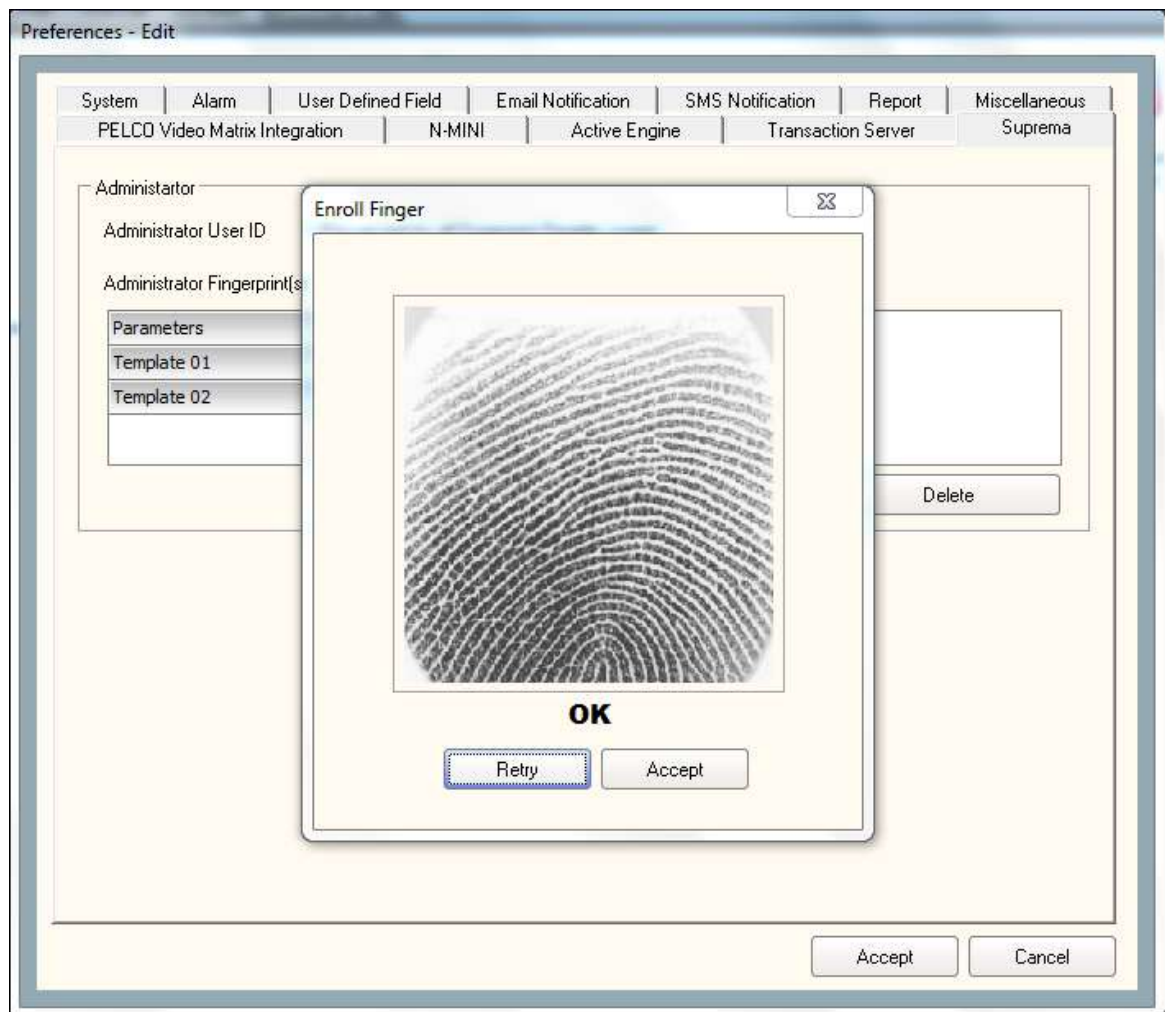
Enroll Finger Print Popup Windows



When this windows prompted, please place the finger on the Desktop Enrollment Unit

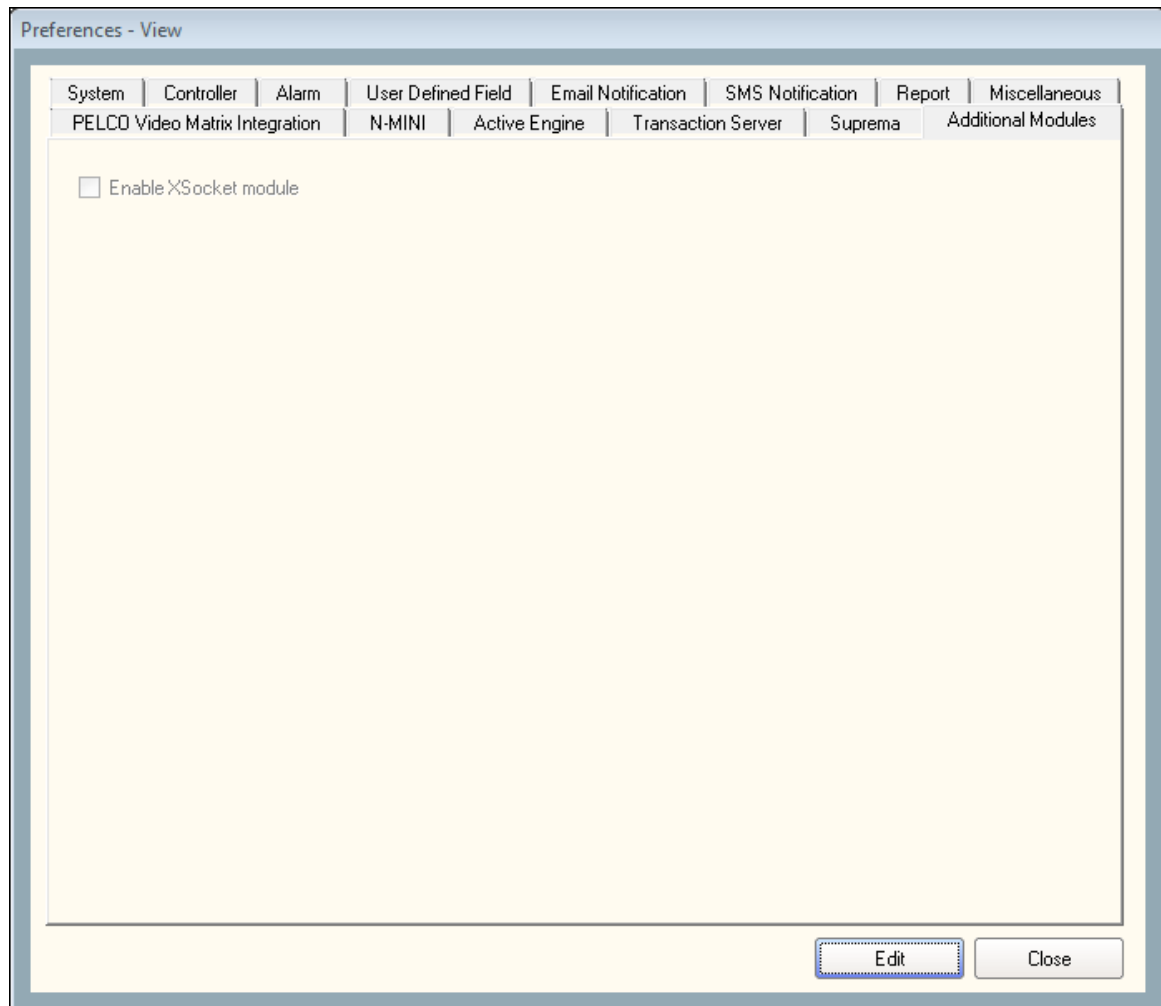


If no fingerprint detected, error message "FAIL - Kindly perform retry" will shown
Click "Retry" to enroll the fingerprint again



Once the device get the fingerprint, it will show the fingerprint
If not satisfy with the fingerprint, perform enroll once again by select "Retry"
If satisfy with the fingerprint, select "Accept" to enroll the template

14.1.1.14 Additional Modules



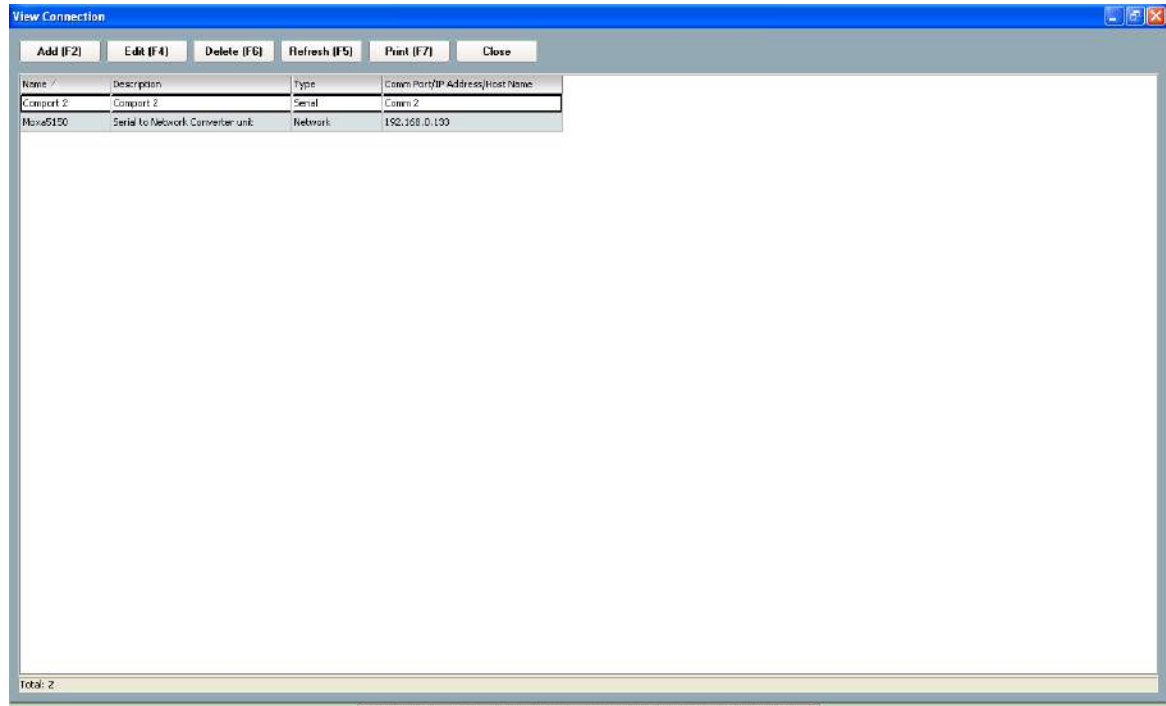
Additional Module

This is the configuration for the XSocket Module
User can enable or disable the XSocket module in this section
(For more information please refer appendix G - XSocket Module)



NOTE: XSocket Module only available in Platform1 Professional

14.1.2 Connection



Connection

In this section, operator can define communication method available from the system to the access controller.

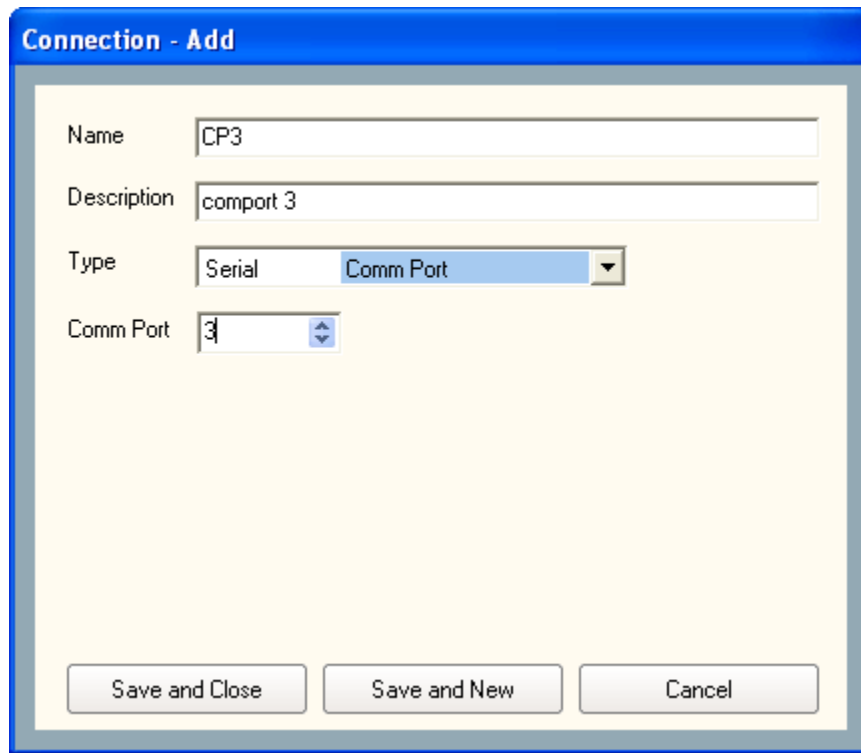
- Serial Communication
- Network Communication

Add [F2]

To add new connection into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Serial - Comm Port

This selection is only selected when the controllers are connected to the server machine via serial port (either RS 232 or RS 485).



1. Enter a name for the new connection.
2. Enter connection description.
3. Select connection type (Serial).
4. Select communication port number.
5. Click on "Save and Close" to close the add form or "Save and New" if you have other connection to be added.



NOTE: Please ensure your available communication port number. If network connection type is selected, please enter the IP address

Network - Network Interface Unit

This selection is only selected when serial communication controllers wishes to connect via network. System administrator need to fill up the NIU (etc: Moxa serial to network converter) details in this form.

Connection - Add

Name: NIU-moxa

Description: 5150

Type: Network **Network Interface Unit**

Network Interface Unit | Port Forwarding

Connect by: IP Address

IP Address: 192.168.000.133

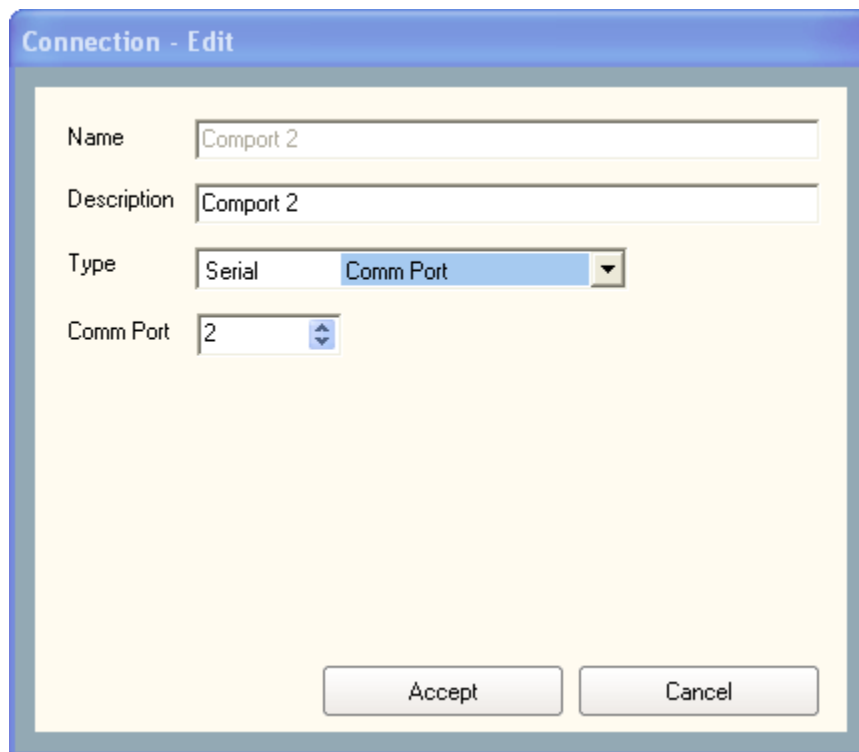
Port No.: 2023

Save and Close Save and New Cancel

6. Enter a name for the new connection.
7. Enter connection description.
8. Select connection type (Network Communication).
9. Choose either connect using IP address or by Host name.
10. Enter the IP address or the Host Name of the n.i.u unit.
11. If the n.i.u unit is passing through a Router, go to the Port Forwarding section to create the router setting. (Click on the undefined word or go to System > Router)
12. Click on "Save and Close" to close the add form or "Save and New" if you have other connection to be added.

Edit [F4]

To edit existing connection in the system. Highlight on the connection and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



The "Connection - Edit" dialog box is used to modify connection settings. It contains the following fields:

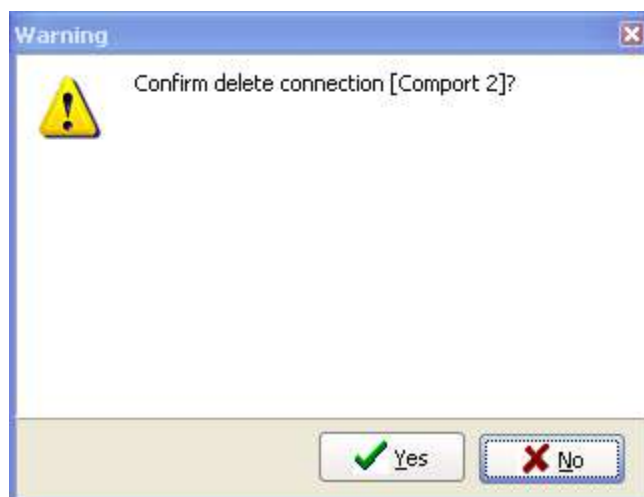
- Name:** A text box containing "Comport 2".
- Description:** A text box containing "Comport 2".
- Type:** A dropdown menu with "Serial" and "Comm Port" options. "Comm Port" is currently selected.
- Comm Port:** A spinner box showing the value "2".

At the bottom right, there are two buttons: "Accept" and "Cancel".

1. *Edit connection description.*
2. *Change connection type if necessary.*
3. *Select the new port number / new IP address.*
4. *Click on "Accept" to save the changes or "Cancel" discharge the changes.*

Delete [F6]

To delete existing connection in the system. Highlight on the connection and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation.



The "Warning" dialog box prompts the user to confirm the deletion of a connection. It features a yellow warning triangle icon and the text "Confirm delete connection [Comport 2]?". At the bottom, there are two buttons: "Yes" (with a green checkmark icon) and "No" (with a red X icon).

1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected connection.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the connection listing.

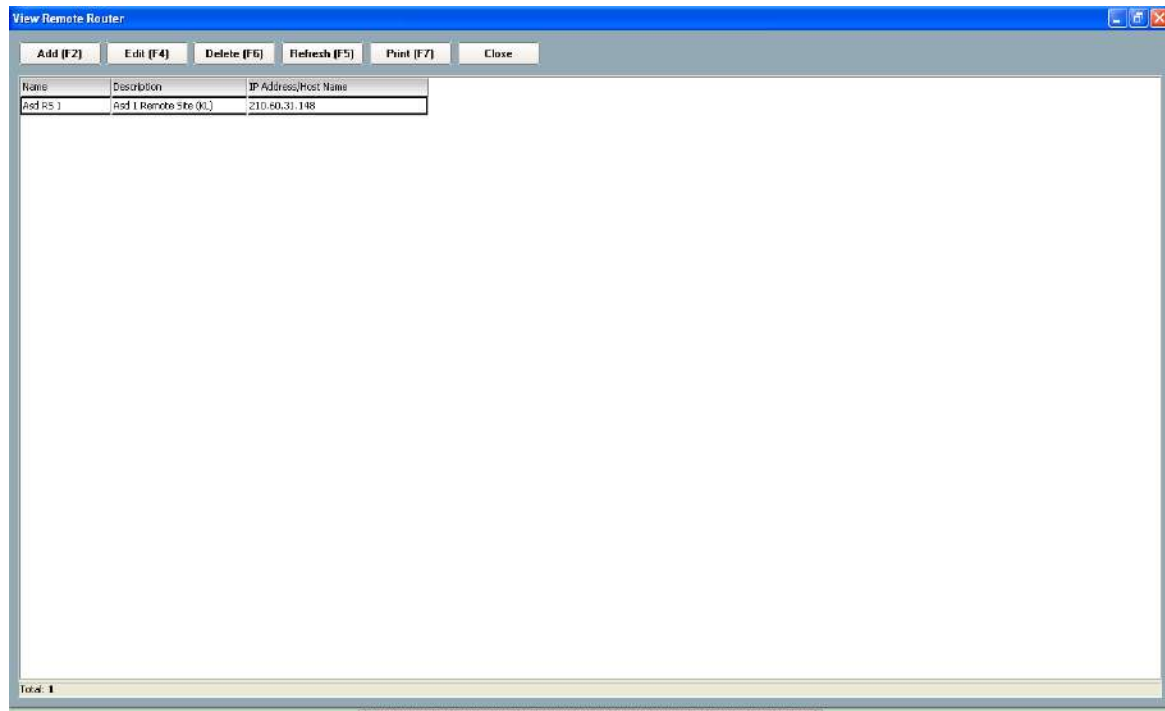
Print [F7]

Click the button or press the shortcut key "F7" to print the connection list to printer.

Close

Click to close the connection form.

14.1.3 Remote Router

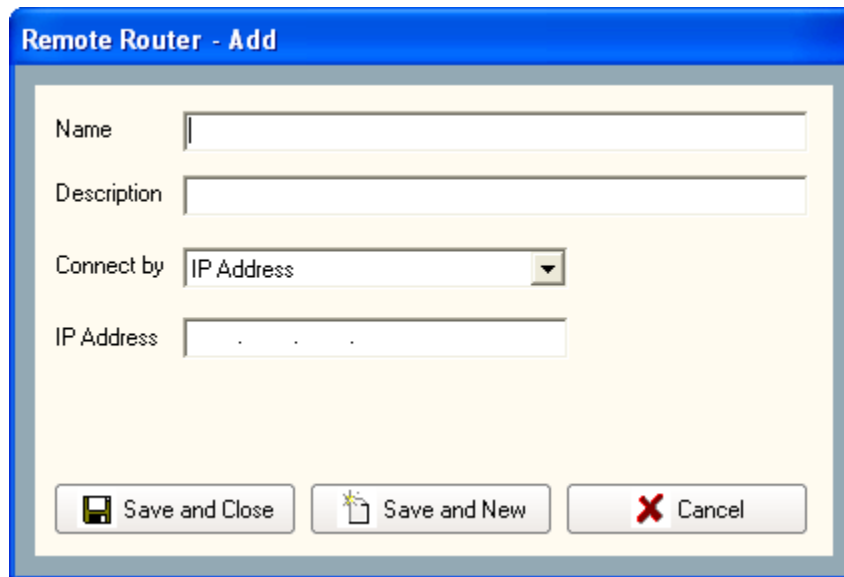


Remote Router

In this section, operator can define the router setting for server to communication with access controller which is located apart from the server location using fix IP or host name (for dynamic IP with and a router which support Dynamics Domain Name Services).

Add [F2]

To add remote router into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

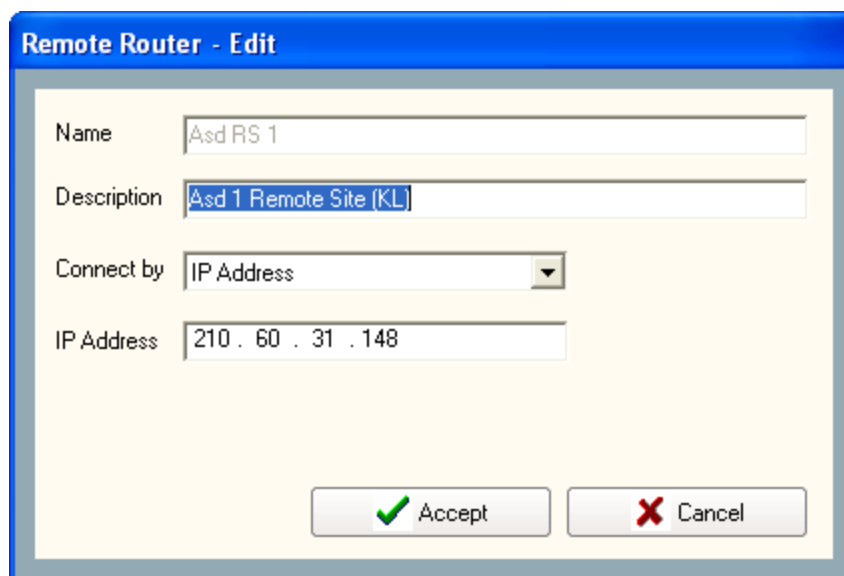


The 'Remote Router - Add' dialog box is shown. It has a blue title bar. Inside, there are four input fields: 'Name' (empty), 'Description' (empty), 'Connect by' (a dropdown menu with 'IP Address' selected), and 'IP Address' (empty with a dotted placeholder). At the bottom, there are three buttons: 'Save and Close' (with a floppy disk icon), 'Save and New' (with a document and star icon), and 'Cancel' (with a red X icon).

1. Enter a name for the new remote router
2. Enter remote router description
3. Select connection type (IP Address / Host Name)
4. Enter IP Address / HOST NAME respectively.
5. Click on "Save and Close" to close the add form or "Save and New" if you have other router to be added.

Edit [F4]

To edit existing remote router in the system. Highlight on the remote router and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

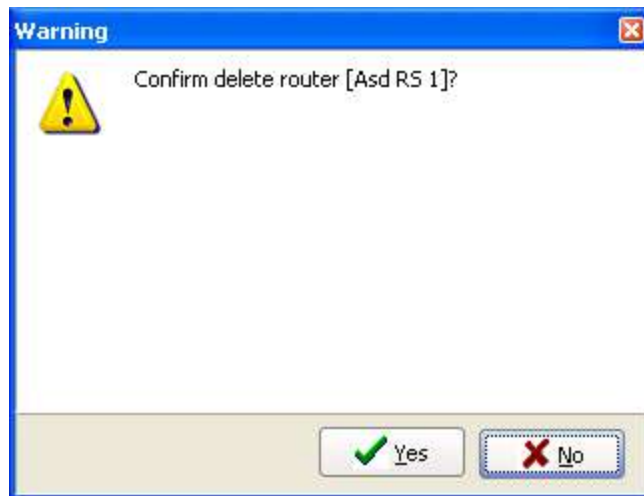


The 'Remote Router - Edit' dialog box is shown. It has a blue title bar. Inside, there are four input fields: 'Name' (containing 'Asd RS 1'), 'Description' (containing 'Asd 1 Remote Site (KL)'), 'Connect by' (a dropdown menu with 'IP Address' selected), and 'IP Address' (containing '210 . 60 . 31 . 148'). At the bottom, there are two buttons: 'Accept' (with a green checkmark icon) and 'Cancel' (with a red X icon).

1. *Edit remote router description.*
2. *Change remote router type if necessary.*
3. *Select connection type.*
4. *Click on "Accept" to save the changes or "Cancel" discharge the changes.*

Delete [F6]

To delete existing remote router setting in the system. Highlight on the remote router and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. *Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected remote router.*

Refresh [F5]

Click or press the shortcut key "F5" to refresh the remote router listing.

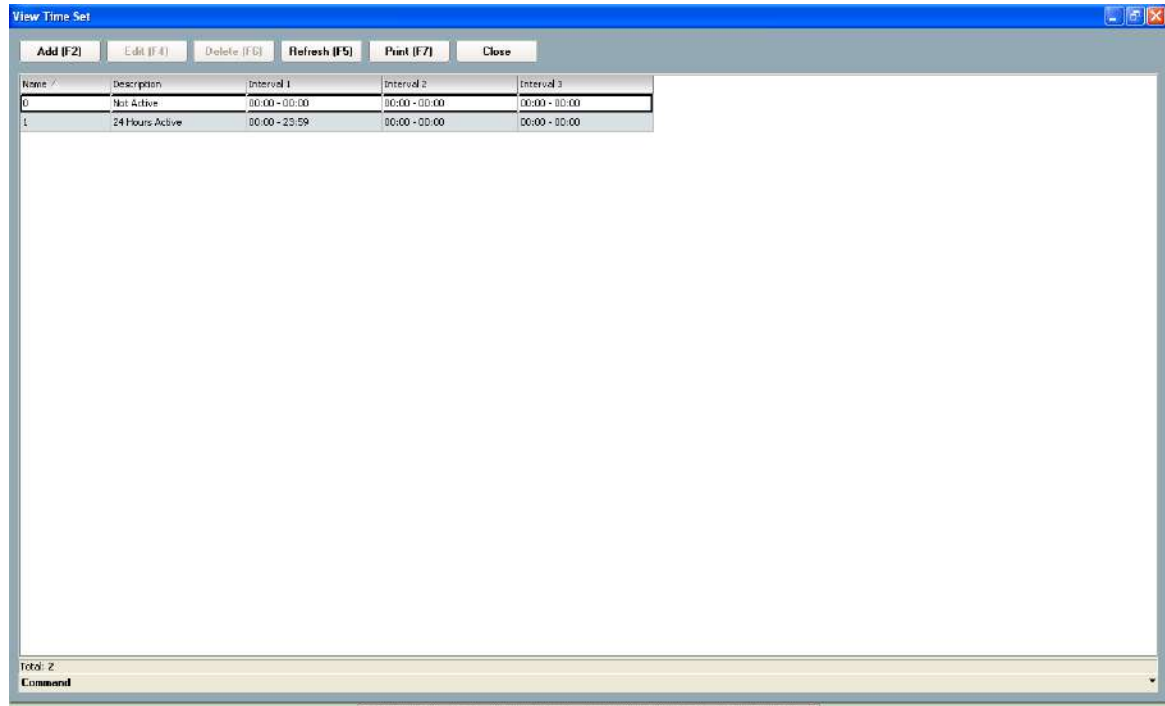
Print [F7]

Click the button or press the shortcut key "F7" to print the router list to printer.

Close

Click to close the remote router form.

14.1.4 Timeset



Timeset

To define a time interval set for the system. There are 3 interval sets in the time time set configuration. These time interval sets define the staff accessible period.

Example:

Time Set No.X

Interval #1 : 09:00 - 12:00

Interval #2 : 13:00 - 17:00

Interval #3 : 00:00 - 00:00

To staff who granted this time set, one will be able to access the system from 09:00am to 12:00pm, then from 13:00pm to 15:00pm. If one try to access the system out from the time range defined in the time set, one will be deny for access.

On bottom of the timeset menu, system administrator can double click on the **Command** bar to pop out the command bar feature.

Send - Highlight on the selected timeset and click "Send" button to send the timeset details to the controllers

Delete - Highlight on the selected timeset and click "Delete" button to delete the timeset details from the controllers

Retrieve - Highlight on the selected timeset and click "Retrieve" button to retrieve the timeset details from the controllers



NOTE: System Administrator can also execute the command feature by highlighting on the timeset and right click to proceed to the commands



NOTE: For Unlimited Access supported controller, user can set unlimited timeset

View Time Set

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name ✓	Description	Interval 1	Interval 2	Interval 3
0	Not Active	00:00 - 00:00	00:00 - 00:00	00:00 - 00:00
1	24 Hours Active	00:00 - 23:59	00:00 - 00:00	00:00 - 00:00
2	Working Time Set	09:00 - 18:00	00:00 - 00:00	00:00 - 00:00

Total: 3
Command

Send Delete Retrieve

View Time Set

Buttons: Add (F2), Edit (F4), Delete (F6), Refresh (F5), Print (F7), Close

Name ^	Description	Interval 1	Interval 2	Interval 3
0	Not Active	00:00 - 00:00	00:00 - 00:00	00:00 - 00:00
1	24 Hours Active	00:00 - 23:59	00:00 - 00:00	00:00 - 00:00
TimeSet_999999	Unlimited TimeSet	08:00 - 09:00	10:00 - 11:00	14:00 - 18:00

Total: 3

Hints: Time Zone will be send for Unlimited Supported controller instead of Time Set

Command

Add [F2]

To add new timeset into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Time Set - Add

Name:

Description:

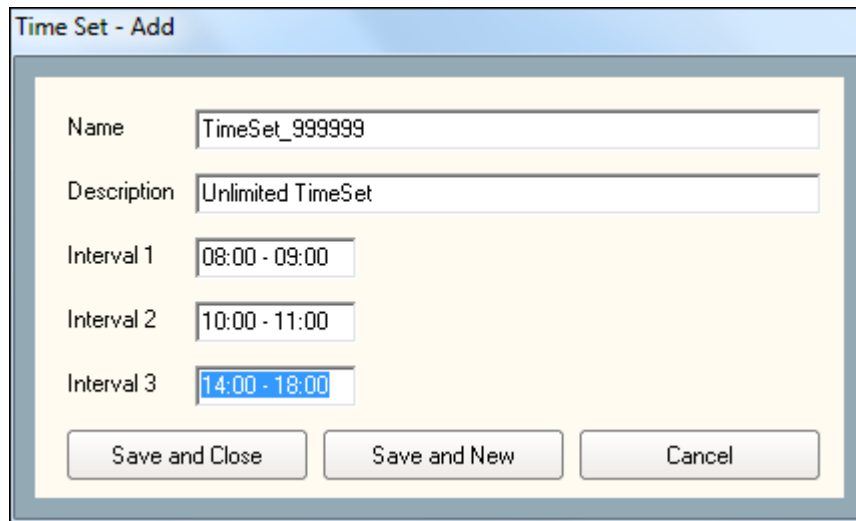
Interval 1:

Interval 2:

Interval 3:

Buttons: Save and Close, Save and New, Cancel

Non-unlimited TimeSet - Add

A screenshot of a software dialog box titled "Time Set - Add". It contains several input fields: "Name" with the text "TimeSet_999999", "Description" with "Unlimited TimeSet", and three "Interval" fields. "Interval 1" is "08:00 - 09:00", "Interval 2" is "10:00 - 11:00", and "Interval 3" is "14:00 - 18:00". At the bottom, there are three buttons: "Save and Close", "Save and New", and "Cancel".

Time Set - Add

Name: TimeSet_999999

Description: Unlimited TimeSet

Interval 1: 08:00 - 09:00

Interval 2: 10:00 - 11:00

Interval 3: 14:00 - 18:00

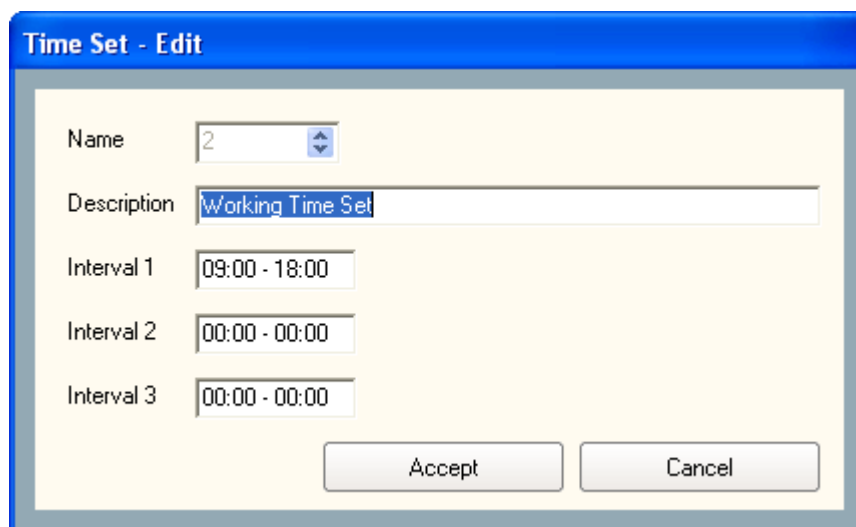
Buttons: Save and Close, Save and New, Cancel

Unlimited TimeSet - Add

1. Enter a name for the new timeset
 - For Controller not support unlimited timeset, the user can only use number to name the timeset
 - For controller support unlimited timeset, user can name the timeset with wording
2. Enter timeset description.
3. Define desire time range for each interval. Edit all if applicable.
4. Click on "Save and Close" to close the add form or "Save and New" if you have other timeset to be added.

Edit [F4]

To edit existing timeset in the system. Highlight on the timeset and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

A screenshot of a software dialog box titled "Time Set - Edit". It contains several input fields: "Name" with a dropdown menu showing "2", "Description" with "Working Time Set", and three "Interval" fields. "Interval 1" is "09:00 - 18:00", "Interval 2" is "00:00 - 00:00", and "Interval 3" is "00:00 - 00:00". At the bottom, there are two buttons: "Accept" and "Cancel".

Time Set - Edit

Name: 2

Description: Working Time Set

Interval 1: 09:00 - 18:00

Interval 2: 00:00 - 00:00

Interval 3: 00:00 - 00:00

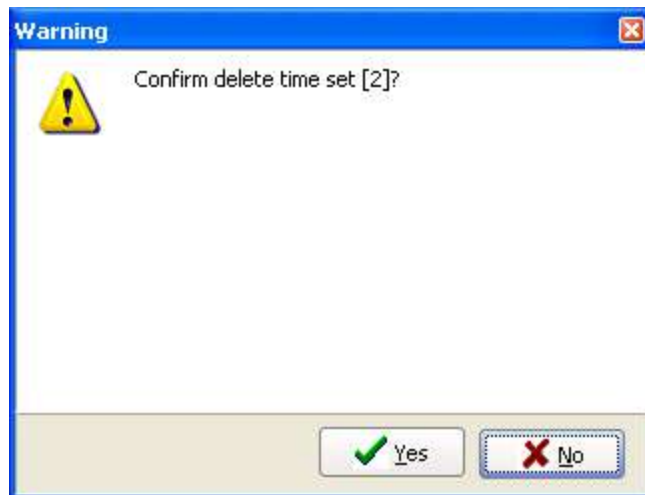
Buttons: Accept, Cancel

1. Edit timeset description.

2. *Change time range at desire time interval.*
3. *Click on "Accept" to save the changes or "Cancel" discharge the changes.*

Delete [F6]

To delete existing timeset setting in the system. Highlight on the timeset and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. *Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected timeset.*

Refresh [F5]

Click or press the shortcut key "F5" to refresh the timeset listing.

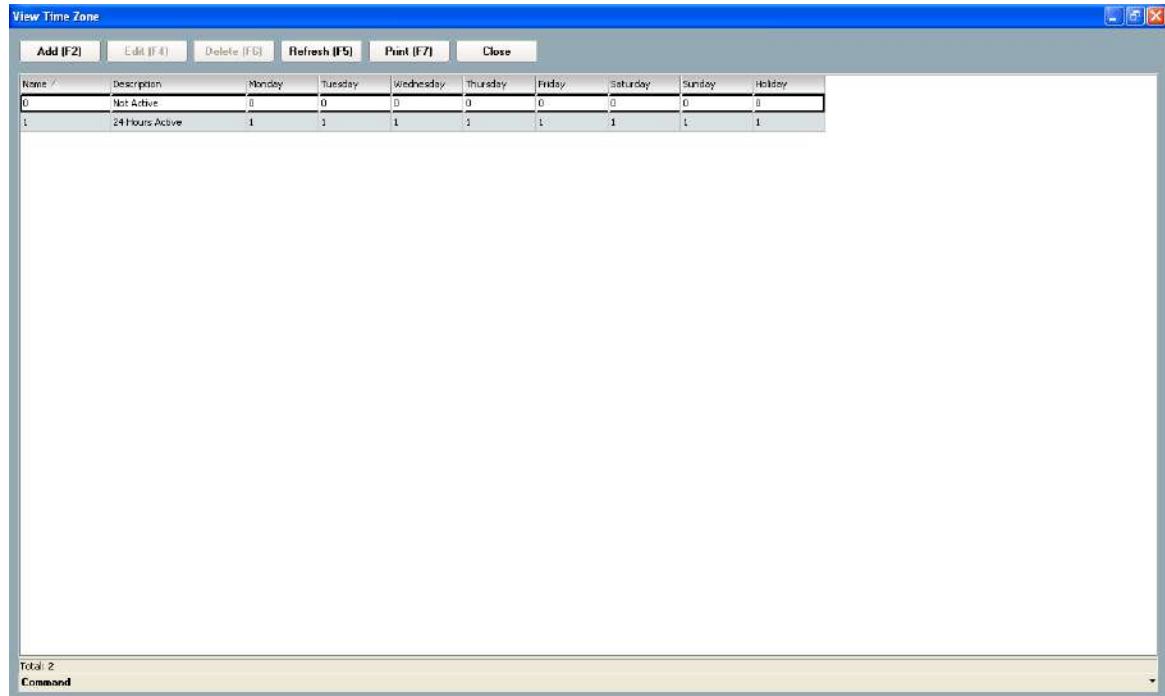
Print [F7]

Click the button or press the shortcut key "F7" to print the timeset list to printer.

Close

Click to close the timeset form.

14.1.5 Timezone



Timezone

Timezone is a series of predefined time interval set grouped together for the system in a weekly basis format. By granting different timezone level in the card for a user, system can control the card accessibility in the system accordingly.

Example:

Available Time Set

Time Set #1:Interval #1:09:00-12:00;Interval #2:13:00-17:00;Interval #3:18:00-20:00

Time Set #2:Interval #1:08:00-11:00;Interval #2:12:00-16:00;Interval #3:17:00-19:00

Time Set #3:Interval #1:07:00-10:00;Interval #2:11:00-15:00;Interval #3:16:00-18:00

Time Set #4:Interval #1:00:00-00:00;Interval #2:00:00-00:00;Interval #3:00:00-00:00

Time Zone # Sun Mon Tue Wed Thu Fri Sat Sun Hol

01 03 03 03 03 03 03 03 03

02 04 02 02 02 02 02 04 04

To staff who granted this Time Zone 01, one will be able to access the system from Monday to Sunday and holidays from 07:00am to 10:00pm, then from 11:00pm to 15:00pm and then from 16:00pm to 18:00pm. If one try to access the system out from the time range defined in the time set, one will be deny for access.

To staff who granted this Time Zone 02, one will be able to access the system from Monday to Friday from 08:00am to 11:00pm, then from 12:00pm to 16:00pm and then from 17:00pm to 19:00pm. During weekend and holiday, this staff will not be able to access the system at all.

On bottom of the timezone menu, system administrator can double click on the **Command** bar to pop out the command bar feature.

Send - Highlight on the selected timezone and click "Send" button to send the timezone details to the controllers

Delete - Highlight on the selected timezone and click "Delete" button to delete the timezone details from the controllers

Retrieve - Highlight on the selected timezone and click "Retrieve" button to retrieve the timezone details from the controllers



NOTE: System Administrator can also execute the command feature by highlighting on the timezone and right click to proceed to the commands



NOTE: For Unlimited Access supported controller, user can set up to 1000 time zone

View Time Zone

Name /	Description	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Holiday
0	Not Active	0	0	0	0	0	0	0	0
1	24 Hours Active	1	1	1	1	1	1	1	1
2	Working Time Zone	2	2	2	2	2	3	0	0

Total: 3

Command

Add [F2]

To add new timezone into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Time Zone - Add

Name

Description

Day of Week	Time Set
Monday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Tuesday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Wednesday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Thursday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Friday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Saturday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Sunday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Holiday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]

1. Enter a name for the new timezone. (Numeric only and must be unique)
2. Enter timezone description.
3. Select predefined time set for everyday, including holiday.
4. Click on "Save and Close" to close the add form or "Save and New" if you have other timezone to be added.

Edit [F4]

To edit existing timezone in the system. Highlight on the timezone and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Time Zone - Edit

Name:

Description:

Day of Week	Time Set
Monday	2 - Working Time Set [09:00 - 18:00] [00:00 - 00:00] [00:00 - 00:00]
Tuesday	2 - Working Time Set [09:00 - 18:00] [00:00 - 00:00] [00:00 - 00:00]
Wednesday	2 - Working Time Set [09:00 - 18:00] [00:00 - 00:00] [00:00 - 00:00]
Thursday	2 - Working Time Set [09:00 - 18:00] [00:00 - 00:00] [00:00 - 00:00]
Friday	2 - Working Time Set [09:00 - 18:00] [00:00 - 00:00] [00:00 - 00:00]
Saturday	3 - Half Day time set [09:00 - 13:00] [00:00 - 00:00] [00:00 - 00:00]
Sunday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]
Holiday	0 - Not Active [00:00 - 00:00] [00:00 - 00:00] [00:00 - 00:00]

1. Edit timezone description.
2. Change predefined time set.
3. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing timezone setting in the system. Highlight on the timezone and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Warning

Confirm delete time zone [2]?

1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected timezone.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the timezone listing.

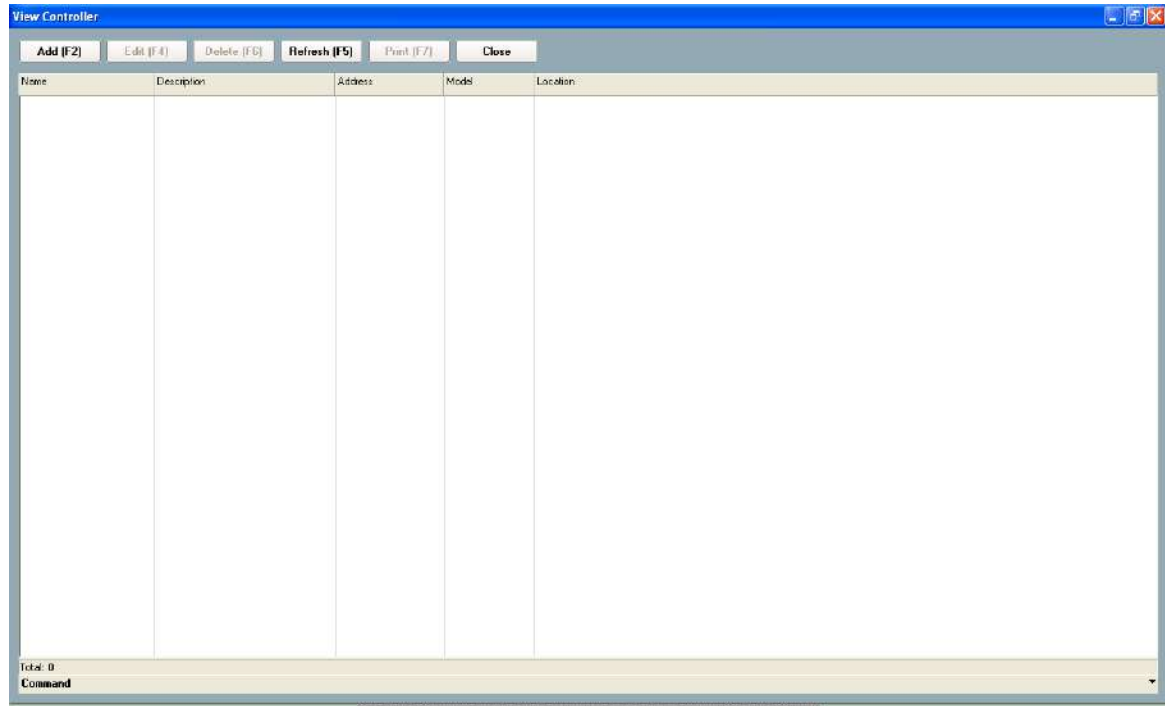
Print [F7]

Click the button or press the shortcut key "F7" to print the timezone list to printer.

Close

Click to close the timezone form.

14.1.6 Controller



Controller

System administrator have to setup access controller before the Platform1 server application can start to monitor the controller. Each access controller name is defined uniquely in the system.

On bottom of the controller menu, system administrator can double click on the **Command** bar to pop out the command bar feature.

Send - Highlight on the selected controller and click "Send" button to send the controller details to the controller

Retrieve - Highlight on the selected controller and click "Retrieve" button to retrieve the controller details from the controller

Security Off - Highlight on the selected controller and click "Security Off" button to unlock the door (During security off, the electromagnetic power will be cut off and staff member can enter or exit the door without performing card flashing or pressing push button)

Security On - Highlight on the selected controller and click "Security On" button to lock the door (During security on, the door can be used as usual where staff member need to perform card flashing or press push button during entering or exiting the door)



NOTE: System Administrator can also execute the command feature by highlighting on the controller and right click to proceed to the commands

View Controller

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name	Description	Address	Model	Location
AlarmCont1		127.0.35.42	PS3000	Comport 2
N-MON1		192.168.0.28	N-MON1	
S2000		127.0.35.40	S2000	Comport 2
S2100		255.255.255.0	S2100	Comport 2

Total: 4

Command

Send Retrieve Security Off Security On

14.1.6.1 S2000

Add [F2]- S2000

To add new controller into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | Output Relay | PELCO Video Matrix Integration

Connection: [Undefined](#)

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Global Antipassback Group: [Undefined](#)

Antipassback Reset: ☐ No Antipassback Reset Time:

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:

Save and Close Save and New Cancel

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed.
- **Type**
Select the type of mode according to the user usage. It can be single door mode, 2 door mode, car park mode or turnstile mode (Turn stile mode only available for EP.S9000 and EP.S2000 controllers)

- **Address**

Fill in the controller address in this slots. (ex: If the controller is Mini where its unit no. is 0 refer to the address 255.255.255.0)

Controller Setting

- **Connection**

Select predefined connection types (either comport selection or Network Interface Unit selection) from the popup connection listing for the new controller. Please go to Control Panel > System > Connection for a better understanding

- **Suspend Polling**

If checked, system will not communicate with the controller

- **Security Mode (Low / High)**

- **Low**

System will apply control at entry side of the door only, system will not deny on exit even if the user is violated the antipassback rule.

- **High**

System will apply control at both (entry & exit) sides of the door, system will deny entry if a user exit without flashing their access card at the exit reader.

- **Global Antipassback Group**

Assign a global antipassback group for the particular door. (Note: the global antipassback group ONLY work if the Activate Global Antipassback group is being activated/checked under the Control Panel > System > Preference.

- **Antipassback Reset**

If checked, user need to define a time for antipassback reset. If the card user already violate the antipassback system and once the define time passes, the card user can enter or exit the doors again. (Once checked, the controller will daily reset the time according to the define time)

- **Antipassback Reset Time**

Define a time for antipassback reset. (from 00:00 to 23:59)

- **Admin/Local Pin Reset**

If checked, user need to define a time for admin/local pin reset. If the local pin already been lockout, once the define time passes, the card user can enter user the local pin to enter the door again.

- **Admin/Local Pin Reset Time**

Define a time for admin/local pin reset time. (from 00:00 to 23:59)

Door Setting

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | **Door Setting** | Alarm Setting | Input Point Setting | Output Relay | PELCO Video Matrix Integration

Parameters	Door
Name	
Description	
Reader Type	Standard Wiegand
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active

Save and Close Save and New Cancel

- **Name**
The name to identify the door. The name entered must be unique.
- **Description**
Enter the description of the door which going to be installed.
- **Reader Type**
Select appropriate reader type to which will be used to work with this controller.

Standard Wiegand: Only select this type when the reader is a Wiegand type. (Standard)

HID Integrated Keypad: Only select this type when the reader is a Wiegand HID reader with built in keypad. (MUST choose this reader type if the Card+Pin Timezone is enable)

Rosslare Integrated Keypad: Only select this type when the reader is a Wiegand proximity reader with built in keypad. (MUST choose this reader type if the Card+Pin Timezone is enable)

Indala Integrated Keypad: Only select this type when the reader is a Indala type with built in keypad. (MUST choose this reader type if the Card+Pin Timezone is enable)

- **Lock release time (sec)**
Time which the lock will be release in second, once the lock release time is over, the lock will be re-energize and closed.
- **Open Time (sec)**
Time which the door can be held open, once the time is over, a door left open alarm will be triggered. If the installed reader has a buzzer built in, a short continuous pulse of alert sound can be heard.
- **Entry Zone ID**
An ID which represent the area which is defined as the entrance of the controller which going to be installed.
- **Exit Zone ID**
An ID which represent the area which is defined as the exit of the controller which going to be installed.
- **Card + Pin Timezone**
The timezone to be used for Card + Pin operation. "0" indicates this feature is disabled. To activate Card + Pin, system administrator also need to change the Reader Type to Rosslare Integrated Keypad (for EM proximity reader), HID Integrated Keypad (for HID reader) or Indala Integrated Keypad (for Indala reader)
- **Card + Pin Lockout Count**
Card + Pin Lockout count refer to the number of wrong personal pin entered after flashing card. If it exceed the lockout count value, it will bar the cardholder from entering or exiting the door until the system admin clear antipassback under the SEND/RETRIEVE > SPECIFIC. (This clear antipassback command will also clear the antipassback if the cardholder previously already violates the antipassback rule)
- **Lock Release Timezone**
The timezone to be used for a lock release. "0" indicates this feature is disabled.
- **Exit Button Enable Timezone**
The timezone to be used to enable a exit button. "0" indicates this feature is disabled.
- **Antipassback Timezone**
The timezone to be used to enable the antipassback. "0" indicates this feature is disabled.
- **Antipassback Lockout Count**
Lockout count refer to the number of antipassback violation occur. If it exceed the lockout count value, it will bar the cardholder from entering or exiting the door until the system admin clear antipassback (under the SEND/RETRIEVE > SPECIFIC)
- **Buddy Mode Time Zone**
The timezone to be used to enable the buddy mode. "0" indicates this feature is disabled.
- **Access limit**
This feature only available if the access controller is configured in car park mode. Administrator can use this feature to control the quantity of cars to be entered from the controller going to be installed.
- **PIN**
The pin to be used to open a door if a keypad reader is installed with this controller. Up to 3 sets of pin can be defined in each controller.

- **PIN Timezone**

The timezone to be used to enable the pin. "0" indicates this feature is disabled.

- **PIN Lockout Count**

PIN lockout count refer to the wrong pin enter occur. If the wrong pin occur and exceed the lockout count value, it will bar the cardholder from using the Pin again until the system admin clear Admin/Local Pin reset.(under the SEND/RETRIEVE > OPERATION)

- **Time Attendance Reader**

*If checked, transaction taken from this reader **WILL BE INCLUDED** in time and attendance calculation / process. If uncheck, transaction taken from this reader **WILL BE IGNORE** from time and attendance calculation / process.*

- **Roll Call Reader**

*If checked, system admin need to select a roll call group for this door and the transaction taken from this reader **WILL BE INCLUDED** in roll call reporting during an emergency evacuation. If uncheck, transaction **WILL BE IGNORE** from the roll call reporting.*

- **Roll Call Group**

Roll Call group is to group several controller/doors in a single area.

- **Check Card Expiry Date**

If checked, the controller will check the card expiry date before releasing the lock. If the card flashed is expired, the lock will not open.

- **Fire Release**

If checked, this door will be release upon system receive any fire alarm signal from any controller that under the same fire release group in the system. .

- **Fire Release Group**

When the fire release is checked, system admin need to assign a fire release group to this door in order for it to work.

- **Trigger Event**

Is a hardware control event where system admin can set any of the fire,alarm or general purpose inputs to trigger the relay beside door operation.

Alarm Setting

Controller - Add

Name

Description

Model

Type

Address

Controller Setting | Door Setting | **Alarm Setting** | Input Point Setting | Output Relay | PELCO Video Matrix Integration

Alarm/Siren DurationTime (min)

Arm Delay Time (sec)

Disarm Delay Time (sec)

Arming Time Zone [0 - Not Active](#)

Save and Close Save and New Cancel

- **Alarm / Siren Duration Time (minute)**
Time duration which the alarm / siren will be triggered.
- **Arm Delay Time (sec)**
The time delayed before the system is armed.
- **Disarm Delay Time (sec)**
The time delayed before the system is disarmed.
- **Arming Timezone**
The timezone to be used to arm the system. "0" indicates this feature is disabled.

Input Point Setting

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | **Input Point Setting** | Output Relay | PELCO Video Matrix Integration

Digital Input | Analog Input

Point	Name	Description	Type
Point 1	DSD1_		Door Sensor
Point 2	PBD2_		Push Button
Point 3			Undefined
Point 4			Undefined

Save and Close | Save and New | Cancel

• Digital Input

For EP.S9000, EP.S2000, EP.N2000, and Alarm Monitoring controllers ONLY:

1. Point 1 refer to the IN 4 on the controller board (Default: Set as a Door Sensor)
2. Point 2 refer to the IN 5 on the controller board (Default: Set as a Push Button)
3. Point 3 refer to the IN 6 on the controller board (Default: Set as a Door Sensor for the second door if system administrator set to 2 Door type controller)
4. Point 4 refer to the IN 7 on the controller board (Default: Set as a Push Button for the second door if system administrator set to 2 Door type controller)

For EP.S2100 and EP.N21000 controllers ONLY:

5. Point 1 refer to the IN 1 on the controller board (Default: Set as a Door Sensor)
6. Point 2 refer to the IN 2 on the controller board (Default: Set as a Push Button)
7. Point 3 refer to the IN 3 on the controller board (Default: Set as a Door Sensor for the second door if system administrator set to 2 Door type controller)
8. Point 4 refer to the IN 4 on the controller board (Default: Set as a Push Button for the second door if system administrator set to 2 Door type controller)

Controller - Add

Name

Description

Model

Type

Address

Controller Setting | Door Setting | Alarm Setting | **Input Point Setting** | Output Relay | PELCO Video Matrix Integration

Digital Input | **Analog Input**

Point	Name	Description	Type
Point 1	FP1	Fire point 1	Fire
Point 2			Undefined
Point 3	AP1	Alarm point 1	Alarm
Point 4			Undefined

Save and Close Save and New Cancel

• Analog Input

System administrator can use the additional analog input to set as a Fire input, Alarm input and General Purpose input. (Only available for EP.S9000, EP.S2000, EP.N2000 and Alarm Monitoring controllers)

- 9. Point 1 refer to the IN 0 on the controller board
- 10. Point 2 refer to the IN 1 on the controller board
- 11. Point 3 refer to the IN 2 on the controller board
- 12. Point 4 refer to the IN 3 on the controller board



NOTE: To use the analog input, system administrator need to include the **3.6K ohm resistor** in series connection to the analog input point

Output Relay

Controller - Add

Name

Description

Model

Type

Address

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | **Output Relay** | PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Output Relay 2

Output Relay 3

Save and Close Save and New Cancel

- **General Purpose Output Timezone**
The timezone to be used to enable the general purpose output. "0" indicates this feature is disabled.
- **Output Relay 2**
To additional configure the relay 2 to trigger when the input can be set as Door, Fire, Alarm and General Purpose.
- **Output Relay3**
To additional configure the relay 3 to trigger when the input can be set as Door, Fire, Alarm and General Purpose.

Pelco Video Matrix Integration

[This feature was removed since version 3.11.11.01]

The maximum set for 1 door is only 4 set (Each monitor can only select 1 camera to display). Only **Door Force Open** and **Door Left Open** event will trigger the cameras.

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | Output Relay | **PELCO Video Matrix Integration**

Parameters	Door	
	Monitor	Camera
Set 1	0	0
Set 2	0	0
Set 3	0	0
Set 4	0	0

14.1.6.2 S2100

Add [F2]- S2100

Please refer back all the feature explanation in **Add [F2] - S2000**

Controller - Add

Name: S2100-1a

Description:

Model: S2100

Type: Single Door In and Out Reader

Address: 255 . 255 . 255 . 0

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | Output Relay | PELCO Video Matrix Integration

Connection: [Comport 2 - Comport 2](#)

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Global Antipassback Group: [Undefined](#)

Antipassback Reset: ☐ No Antipassback Reset Time:

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:

Save and Close Save and New Cancel



NOTE: If the S2100 controller board unit no. is **0**, the system controller address will be 255.255.255.0

14.1.6.3 N2000

Add [F2]- N2000

Please refer back all the feature explanation in **Add [F2] - S2000**



NOTE: The default IP address for N2000 controller board is **192.168.1.100** (factory default) and the port number is port **2020**. To change the IP address or Port number, system admin requires the **N2000 Device Manager** software provided in the Platform1 installation CD.

Controller Setting

- **Port no.**
To assign the controller port no. (Default: 2020)

Port Forwarding

Click on the Undefined to set the router configuration. Please go to "Router" for further explanation.

The screenshot shows a software window titled "Controller - Add" with a blue title bar and a close button in the top right corner. The window contains several input fields and a tabbed interface. The input fields are: "Name" with the value "N2000", "Description" (empty), "Model" with a dropdown menu showing "N2000", "Type" with a dropdown menu showing "Single Door" and "In and Out Reader", and "Address" with the value "192.168.001.100". Below these fields is a tabbed interface with six tabs: "Controller Setting", "Door Setting", "Alarm Setting", "Input Point Setting", "Output Relay", and "Port Forwarding". The "Port Forwarding" tab is currently selected. Inside this tab, there is a label "Remote Router" followed by a blue hyperlink text "Undefined". At the bottom of the window, there are three buttons: "Save and Close", "Save and New", and "Cancel".

Finger Print

Enable the Suprema Biometric Integration for N2000

Controller - Add

Name: L1000

Description: Suprema Integration

Model: N2000

Type: Single Door In and Out Reader

Address: 192.168.0.100

Controller Setting	Door Setting	Alarm Setting	Input Point Setting
Output Relay	Port Forwarding	PELCO Video Matrix Integration	Fingerprint

Parameters	In Reader	Out Reader
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	36463

Save and Close Save and New Cancel

- **Use Fingerprint (In Reader)**
Tick the check box to enable the Suprema Biometric device as In reader
- **Use Fingerprint (Out Reader)**
Tick the check box to enable the Suprema Biometric device as Out Reader
- **FP Device ID (In Reader)**
Fill in the Suprema Biometric device ID which configured as In Reader
- **FP Device ID (Out Reader)**
Fill in the Suprema Biometric device ID which configured as Out Reader

14.1.6.4 MiNi

Add [F2]- MiNi

Please refer back all the feature explanation in **Add [F2] - S2000**

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | PELCO Video Matrix Integration

Connection: [Comport 2 - Comport 2](#)

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Global Antipassback Group: [Undefined](#)

Antipassback Reset: ☐ No Antipassback Reset Time:

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:

Save and Close Save and New Cancel



NOTE: If the MiNi controller board unit no. is 0, the system controller address will be 255.255.255.0

14.1.6.5 S9000

Add [F2]- S9000

Please refer back all the feature explanation in **Add [F2] - S2000**

The screenshot shows a software window titled "Controller - Add" with a standard Windows-style title bar (blue with a close button). The window contains a form for adding a new controller. The form has several input fields and a tabbed interface for settings.

Form Fields:

- Name:
- Description:
- Model: (dropdown menu)
- Type: (dropdown menu)
- Address:

Settings Tabs:

- Output Relay
- Controller Setting
- PELCO Video Matrix Integration
- Door Setting
- Slave Controller
- Alarm Setting
- Input Point Setting

Configuration Options:

- Connection: [Comport 2 - Comport 2](#)
- Suspend Polling: ☐ No
- Security Mode: ☒ Low ☐ High
- Global Antipassback Group: [Undefined](#)
- Antipassback Reset: ☐ No
- Antipassback Reset Time:
- Admin/Local Pin Reset: ☐ No
- Admin/Local Pin Reset Time:

Buttons:

- Save and Close
- Save and New
- Cancel

Slave Controller

S9000 is a multi door controller where it can support additional 8 slaves controller.

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | Input Point Setting

Output Relay | PELCO Video Matrix Integration | **Slave Controller**

Address	Name	Description	Model
0	Undefined		
1	Undefined		
2	Undefined		
3	Undefined		
4	Undefined		
5	Undefined		
6	Undefined		
7	Undefined		

Add Edit Delete

Save and Close Save and New Cancel

1. Click on the "Add" button or Undefined to add the slave controller according to the unit address. (0 - 7)
2. Choose the model either Mini or S2100 controller.
3. Set the remaining settings. (refer from the **Add [F2] - S2000** for more details and explanation)
4. Click "Save and Close" button to save the settings and exit add slave menu.
5. Click "Save and New" button to save the settings and to add another new slave controller.
6. Click "Cancel" button to discharge the changes and exit add slave menu.

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | Output Relay | PELCO Video Matrix Integration

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Antipassback Reset: ☐ No Antipassback Reset Time:

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:

Save and Close Save and New Cancel



NOTE: Only MiNi and S2100 controller can use as a slave controller.

14.1.6.6 L1000

Add [F2]- L1000

Please refer back all the feature explanation in **Add [F2] - S2000**

Controller - Add

Name: L1000
Description: lift controller tower A
Model: L1000
Address: 127.000.028.035

Controller Setting | Sub Lift | PELCO Video Matrix Integration

Connection: [Comport 2 - Comport 2](#)
Suspend Polling: ☐ No
Check Expiry: ☐ No
Turn On Time (sec): 10
Reader Type: Standard Wiegand

Save and Close | Save and New | Cancel

Controller Setting

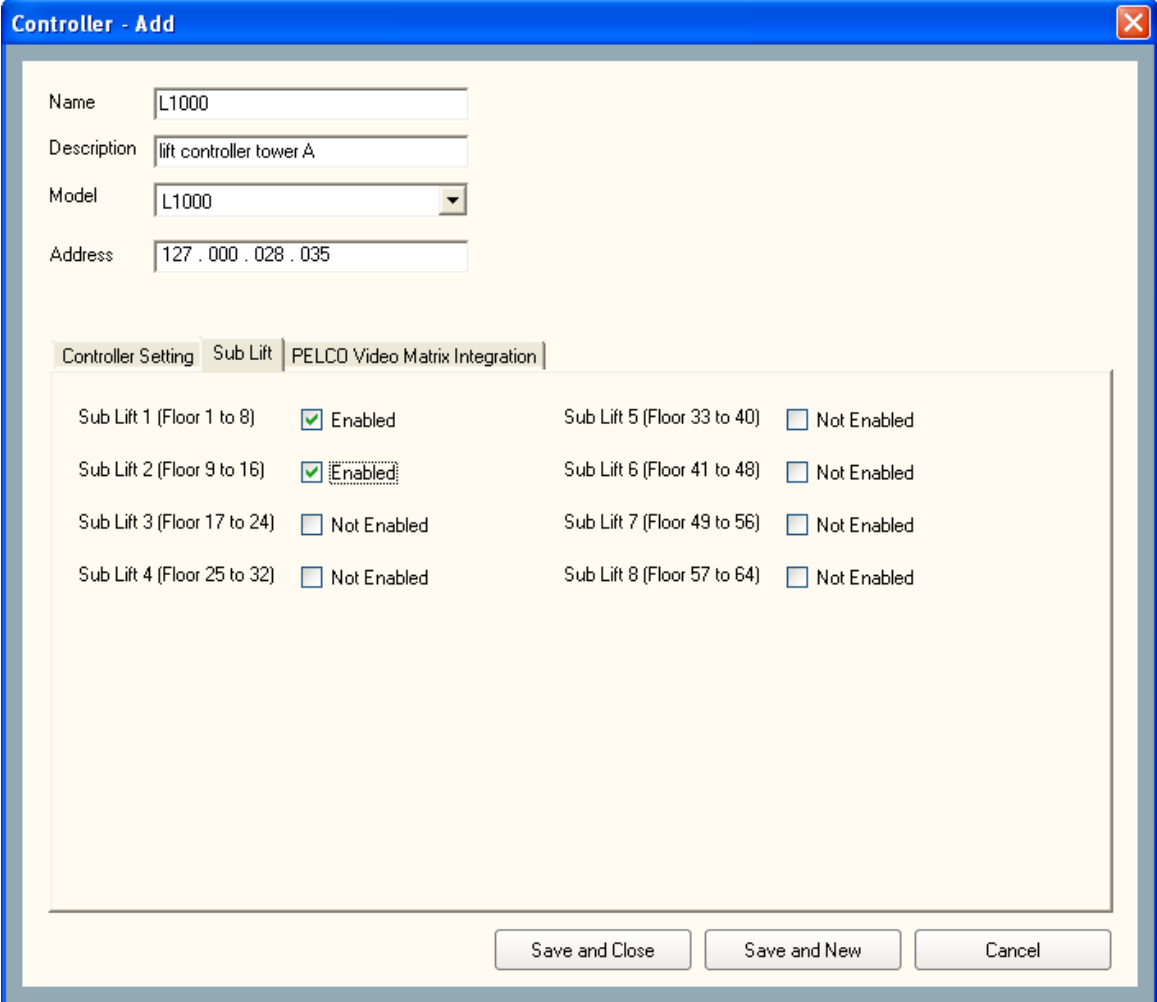
- **Connection Location**
Select predefined location from the popup location listing for the new controller
- **Suspend Polling**
If checked, system will not communicate with the controller
- **Check Expiry**
If checked, the controller will check the card expiry date before allowing the staff member to press on the selected floor buttons.
- **Turn On Time (sec)**
If the staff member flashed card in the lift, the floor buttons will light up and the duration of the buttons to light up is depend on the Turn On Time.

- **Reader Type**

Select appropriate reader type to which will be used to work with this controller.

Sub Lift

Checked on the sub lift to enable the DFP board (Digital Field Panel/IO board)



Controller - Add

Name: L1000
Description: lift controller tower A
Model: L1000
Address: 127 . 000 . 028 . 035

Controller Setting | **Sub Lift** | PELCO Video Matrix Integration

Sub Lift 1 (Floor 1 to 8)	☒ Enabled	Sub Lift 5 (Floor 33 to 40)	☐ Not Enabled
Sub Lift 2 (Floor 9 to 16)	☒ Enabled	Sub Lift 6 (Floor 41 to 48)	☐ Not Enabled
Sub Lift 3 (Floor 17 to 24)	☐ Not Enabled	Sub Lift 7 (Floor 49 to 56)	☐ Not Enabled
Sub Lift 4 (Floor 25 to 32)	☐ Not Enabled	Sub Lift 8 (Floor 57 to 64)	☐ Not Enabled

Save and Close Save and New Cancel



NOTE: The L1000 controller can connect 8 DFP board (digital field panel) which can cater up to 64 floors (max)

Finger Print

Enable Suprema Biometric Integration for L1000

The screenshot shows a 'Controller - Add' dialog box with the following fields and tabs:

- Name:** L1000
- Description:** Suprema Integration
- Model:** L1000 (dropdown menu)
- Address:** 192 . 168 . 0 . 100

The 'Fingerprint' tab is selected, showing a table with the following data:

Parameters	Lift
Use Fingerprint	☒ Yes
FP Device ID	36462

At the bottom of the dialog are three buttons: 'Save and Close', 'Save and New', and 'Cancel'.

- **Use Fingerprint**

Tick the check box to enable Suprema Biometric integration

- **FP Device ID**

Fill in the fingerprint device ID to enable the L1000 controller to communicate with the fingerprint device

14.1.6.7 N2100

Add [F2]- N2100

Please refer back all the feature explanation in **Add [F2] - S2000**

Controller - Add

Name: N2100

Description:

Model: N2100

Type: Single Door In and Out Reader

Address: 192 . 168 . 001 . 100

Output Relay | Port Forwarding | PELCO Video Matrix Integration

Controller Setting | Door Setting | Alarm Setting | Input Point Setting

Port No.: 2020

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Global Antipassback Group: [Undefined](#)

Antipassback Reset: ☐ No Antipassback Reset Time:

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:

Save and Close Save and New Cancel

Controller Setting

- **Port no.**
To assign the controller port no.

Port Forwarding

Click on the Undefined to set the router configuration. Please go to "Router" for further explanation.

Controller - Add 

Name

Description

Model

Type

Address

Controller Setting	Door Setting	Alarm Setting	Input Point Setting
Output Relay	Port Forwarding	PELCO Video Matrix Integration	

Remote Router [Undefined](#)

14.1.6.8 S3000

Add [F2]- S3000

Please refer back all the feature explanation in **Add [F2] - S2000**

Controller - Add

Name: AC1

Description: alarm controller 1

Model: S3000

Type: Single Door In and Out Reader

Address: 127 . 000 . 000 . 1

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | Output Relay | PELCO Video Matrix Integration | I/O Board

Connection: [c2-](#)

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Global Antipassback Group: [Undefined](#)

Antipassback Reset: ☐ No Antipassback Reset Time:

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:

Save and Close Save and New Cancel

I/O Board

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | Input Point Setting | Output Relay | PELCO Video Matrix Integration | **I/O Board**

Address	Name	Description
1	Undefined	
2	Undefined	
3	Undefined	
4	Undefined	
5	Undefined	
6	Undefined	
7	Undefined	
8	Undefined	

1. Click on the "Add" button or Undefined to add the I/O board according to the unit address. (1 - 8)
2. Highlight on the I/O board and click "Edit" button to edit the settings.
3. Highlight on the I/O board and click "Delete" button to delete the selected I/O board from the alarm monitoring controller.

IO Board - Add

Name

Description

Address

Input Output Alarm Zone

No.	Name	Description
1	IO1 IN1	1 input 1
2	IO1 IN2	1 input 2
3	IO1 IN3	1 input 3
4		
5		
6		
7		
8		

4. Enter the name for the selected I/O board.
5. Enter the description for the selected I/O board.
6. Select the address for the I/O board. (1 - 8)
7. Assign the Input name and description. (max: 8 inputs for 1 I/O board)

IO Board - Add

Name

Description

Address

No.	Name	Description
1	IO1 OUT1	1 Out 1
2	IO1 OUT2	1 Out 2
3		
4		
5		
6		
7		
8		

8. Assign the output name and description. (max: 8 outputs for 1 I/O board)

IO Board - Add

Name

Description

Address

Input Output **AlarmZone**

No.	Name	Description	Arm TZ
1	Undefined		
2	Undefined		
3	Undefined		
4	Undefined		
5	Undefined		
6	Undefined		
7	Undefined		
8	Undefined		

9. Click on "Add" button to add the new alarm zone for the selected I/O board. (max: 8 alarm zone for 1 I/O board)
10. Highlight on the alarm zone and click on "Edit" button to edit the existing alarm zone settings.
11. Highlight on the alarm zone and click on "Delete" button to delete the existing alarm zone settings.

Alarm Zone - Add

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input Output

No.	Name	Description	Monitor
1	IO1 IN1	1 input 1	☒ Yes
2	IO1 IN2	1 input 2	☒ Yes
3	IO1 IN3	1 input 3	☐ No
4			☐ No
5			☐ No
6			☐ No
7			☐ No
8			☐ No

Save and Close Save and New Cancel

12. Enter the name for the alarm zone.

13. Enter the description for the alarm zone.

14. Set the Arm TZ for the alarm zone to assign the time for the zone to arm.

15. Tick on the selected input for the alarm zone.

Alarm Zone - Add

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input Output

No.	Name	Description	Trigger	Duration (sec)
1	IO1 OUT1	1 Out 1	☒ Yes	5
2	IO1 OUT2	1 Out 2	☒ Yes	5
3			☐ No	0
4			☐ No	0
5			☐ No	0
6			☐ No	0
7			☐ No	0
8			☐ No	0

Save and Close Save and New Cancel

16. Tick on the selected output and set the duration for the triggering event.
17. Click on "Save and Close" button to save the settings and exit alarm zone menu.
18. Click on "Save and New" button to save the settings and to add another new alarm zone.
19. Click on "Cancel" button to discharge the changes and exit alarm zone menu.
20. Repeat step 1 until 19 to add another new I/O board.
21. On the controller menu, click "Save and Close" button to save the whole controller settings and exit controller menu.
22. On the controller menu, click "Save and New" button to save the whole controller settings and a new add controller menu will appear.
23. On the controller menu, click "Cancel" to discharge the changes and to close the controller menu.

14.1.6.9 N3000

Add [F2]- N3000

Please refer back all the feature explanation in **Add [F2] - S3000**

The screenshot shows a software window titled "Controller - Add". It contains several input fields and a tabbed interface for configuration.

Fields:

- Name: AC2
- Description: alarm controller 2
- Model: N3000 (dropdown)
- Type: Single Door, In and Out Reader (dropdown)
- Address: 192 . 168 . 000 . 150

Configuration Tabs:

- Output Relay
- Port Forwarding
- PELCO Video Matrix Integration
- I/O Board

Controller Setting Tab (Active):

- Port No.: 2020 (dropdown)
- Suspend Polling: ☐ No
- Security Mode: ☒ Low, ☐ High
- Global Antipassback Group: [Undefined](#)
- Antipassback Reset: ☐ No
- Antipassback Reset Time: [][]
- Admin/Local Pin Reset: ☐ No
- Admin/Local Pin Reset Time: [][]

Buttons: Save and Close, Save and New, Cancel

Port Forwarding

Click on the Undefined to set the router configuration. Please go to "Router" for further explanation.

Controller - Add

Name

Description

Model

Type

Address

Controller Setting	Door Setting	Alarm Setting	Input Point Setting
Output Relay	Port Forwarding	PELCO Video Matrix Integration	I/O Board

Remote Router [Undefined](#)



NOTE: The S3000 and N3000 are both alarm monitoring controller where the different between these 2 modal are that S3000 connect to the software via RS485 mode whereas N3000 connect to the software via network mode

14.1.6.10 NMINI

Add [F2]- N-MINI

Controller - Add

Name: NMINI

Description: NMINI (network controller)

Model: N-MINI

Type: Single Door In and Out Reader

Address: 192.168.001.100

Controller Setting | Door Setting | Alarm Setting | Port Forwarding | PELCO Video Matrix Integration | Network Setting

Current Port No.: 2020

Suspend Polling: ☐ No

Security Mode: ☒ Low ☐ High

Global Antipassback Group: Undefined

Antipassback Reset: ☐ No Antipassback Reset Time: []

Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time: []

N-MINI as Out Reader: ☐ No Relay 2 work as Relay 1: ☐ No

Save and Close Save and New Cancel

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select N-MINI)
- **Type**
Select the type of mode according to the user usage. If the Controller model is N-MINI, the controller type mode can only be selected as Single Door (hard coded)
- **Address**
Fill in the controller address in this slots. (ex: If the controller is N-MINI, therefore the default IP address is 192.168.1.100)

Controller Setting

- **Current Port No.**

The default port number for the controller (port 2020)

- **Suspend Polling**

If checked, system will not communicate with the controller

- **Security Mode (Low / High)**

- **Low**

System will apply control at entry side of the door only, system will not deny on exit even if the user is violated the antipassback rule.

- **High**

System will apply control at both (entry & exit) sides of the door, system will deny entry if a user exit without flashing their access card at the exit reader.

- **Global Antipassback Group**

Assign a global antipassback group for the particular door. (Note: the global antipassback group ONLY work if the Activate Global Antipassback group is being activated/checked under the Control Panel > System > Preference)

- **Antipassback Reset**

If checked, user need to define a time for antipassback reset. If the card user already violate the antipassback system and once the define time passes, the card user can enter or exit the doors again. (Once checked, the controller will daily reset the time according to the define time)

- **Antipassback Reset Time**

Define a time for antipassback reset. (from 00:00 to 23:59)

- **Admin/Local Pin Reset**

If checked, user need to define a time for admin/local pin reset. If the local pin already been lockout, once the define time passes, the card user can enter user the local pin to enter the door again.

- **Admin/Local Pin Reset Time**

Define a time for admin/local pin reset time. (from 00:00 to 23:59)

- **N-MINI as Out Reader**

Only checked this option when the N-MINI controller is installed on the exit reader position (All of the transaction upon flash on the N-MINI will be captured as "Valid Card Exit" on the Online Transaction)

- **Relay 2 work as Relay 1**

If the door consists of double swing door/double leaf door, user need to installed 1 magnetic lock for each door (1 lock for 1 leaf door). Checked on this option to distribute the 2 build in relay on the N-MINI controller to each of the magnetic lock (1 relay to 1 magnetic lock)

Network Setting

Controller - Add

Name:

Description:

Model:

Type:

Address:

Controller Setting | Door Setting | Alarm Setting | Port Forwarding | PELCO Video Matrix Integration | **Network Setting**

Active Engine

Active Engine ID:

New Setting

Controller Address:

Port No.:

Subnet Mask:

Gateway:

Save and Close | Save and New | Cancel

- **Active Engine**

To assign the N-MINI controller into desired Active Engine group (Max: only 10 Active Engine available in Platform1 Server V2****)

- **New Setting**

This section allowed user to change the existing N-MINI network setting such as controller address, Port Number, Subnet Mask and Gateway. Once changed, the system will update the new setting on Controller Setting section as well. (Note: These settings can only be done if the Controller status is UP)



NOTE: When the New IP address or port number is changed, the system will update on the Current port no. and Address as well

Edit [F4]

To edit existing controller in the system. Highlight on the controller and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Controller - Edit

Name: NMINI
Description: N-MINI controller A
Model: N-MINI
Type: Single Door In and Out Reader
Address: 192.168.1.101

Controller Setting | Door Setting | Alarm Setting | Port Forwarding | PELCO Video Matrix Integration | Network Setting

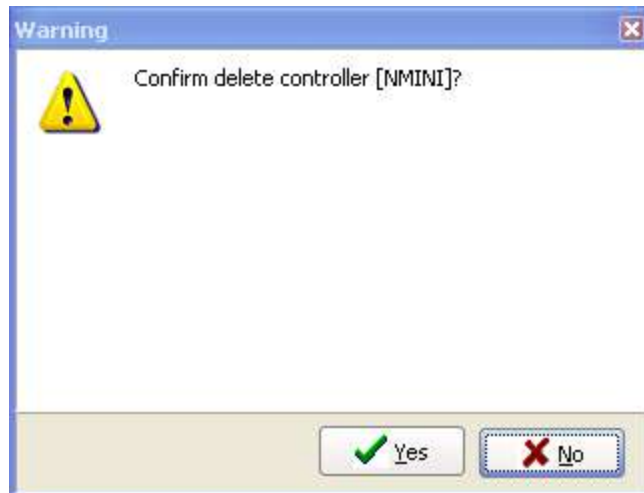
Current Port No.: 44002
Suspend Polling: ☐ No
Security Mode: ☒ Low ☐ High
Global Antipassback Group: Undefined
Antipassback Reset: ☐ No Antipassback Reset Time:
Admin/Local Pin Reset: ☐ No Admin/Local Pin Reset Time:
N-MINI as Out Reader: ☐ No Relay 2 work as Relay 1: ☐ No

Accept Cancel

1. Change the necessary fields.
2. Click on "Accept" to save the changes or "Cancel" to discharge the changes.

Delete [F6]

To delete existing controller setting in the system. Highlight on the controller and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected controller.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the controller listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the controller list to printer.

Close

Click to close the controller form.

14.1.6.11 L2000

Add [F2]- L2000

Controller - Add

Name: L2000

Description: L2K Lift Controller

Model: L2000

Address: 192.168.0.150

Controller Setting | Sub Lift | PELCO Video Matrix Integration

Connection: [Com2 - Moxa](#)

Suspend Polling: ☐ No

Check Expiry: ☐ No

Turn On Time (sec): 5

Reader Type: Standard Wiegand

Save and Close Save and New Cancel

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select L2000)
- **Address**
Fill in the controller address in this slots. (e.g.: 192.168.0.150)



NOTE: The L2000 controller can connect 8 HIO board (expansion board) which can cater up to 128 floors (max)

Controller - Add

Name: L2000

Description: L2K Lift Controller

Model: L2000

Address: 192.168.0.150

Controller Setting | Sub Lift | PELCO Video Matrix Integration

Connection: [Com2 - Moxa](#)

Suspend Polling: ☐ No

Check Expiry: ☐ No

Turn On Time (sec): 5

Reader Type: Standard Wiegand

Save and Close Save and New Cancel

Controller Setting

- **Connection**

Select predefined connection types (either comport selection or Network Interface Unit selection) from the popup connection listing for the new controller.

- **Suspend Polling**

If checked, system will not communicate with the controller

- **Check Expiry**

If checked, the controller will check the card expiry date before allowing the staff member to press on the selected floor buttons.

- **Turn On Time (sec)**

If the staff member flashed card in the lift, the floor buttons will light up and the duration of the buttons to light up is depend on the Turn On Time.

- **Reader Type**

Select appropriate reader type to which will be used to work with this controller.

Sub Lift

Controller - Add

Name: L2000
Description: L2K Lift Controller
Model: L2000
Address: 192.168.0.150

Controller Setting | Sub Lift | PELCO Video Matrix Integration

1 Sub Lift 1 | Sub Lift 2 | Sub Lift 3 | Sub Lift 4 | Sub Lift 5 | Sub Lift 6 | Sub Lift 7 | Sub Lift 8

2 ☒ Enabled

Name 3 SL01 Description 4 Sub Lift 1

Floor Index	Enabled	Floor Name	Floor Description	ByPass TZ
1 5	☒ Yes	Floor 1 6	Dept. 1 7	0 - Not Active 8
2	☒ Yes	Floor 2	Dept. 2	1 - 24 Hours Active
3	☒ Yes	Floor 3	Dept. 3	0 - Not Active
4	☒ Yes	Floor 4	Dept. 4	1 - 24 Hours Active
5	☐ No			
6	☐ No			
7	☐ No			
8	☐ No			

Save and Close Save and New Cancel

1. Sub Lift Selection

Select to configure the sub lift and floor

2. Enable Sub Lift

If checked, the sub lift and floor under the sub lift will be able to be configure

3. Sub Lift Name

Label the Name of Sub Lift



NOTE: User must enter the Name of the Sub Lift

4. Sub Lift Description

Label the description of the Sub Lift

5. Enable Floor

If checked, the floor will enabled and shown in the device list

6. Floor Name

Label the Name of the Floor



NOTE: User must enter the Name of the Floor

7. Floor Description

Label the Description of the Floor

8. ByPass TZ

Set the Time Zone to ByPass the floor

Pelco Video Matrix Integration

{This feature was removed since version 3.11.11.01}

Please refer back all the feature explanation in **Add [F2] - S2000 - PELCO Video Matrix Integration**

14.1.6.12 HIO

Add [F2]- HIO

Name

Description

Model

Type

Address

Controller Setting | Port Forwarding | HIO

Connection [COM3 -](#)

Suspend Polling ☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Accept Cancel

Name:

Description:

Model:

Type:

Address:

Controller Setting | Network Setting | Port Forwarding | **HID**

Current Port No.

Suspend Polling ☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Accept Cancel

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select HIO)
- **Type**
Select the communication method for HIO. (Serial or TCP)
- **Address**
Select the controller address in this slots.
 - For Serial: e.g.: 1
 - For TCP: e.g.: 192.168.0.200

Controller - Add

Name: HIO

Description:

Model: HIO

Type: Serial Communication

Address: 1

Controller Setting | Port Forwarding | HIO

Connection: [Com2 - Moxa](#)

Suspend Polling: ☐ No

Save and Close Save and New Cancel

Controller Setting - Serial Communication

- **Connection**
Select predefined connection types (com port selection) from the popup connection listing for the new controller.
- **Suspend Polling**
If checked, system will not communicate with the controller

Name:

Description:

Model:

Type:

Address:

Controller Setting | Network Setting | Port Forwarding | HIO

Current Port No.

Suspend Polling ☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Accept Cancel

Controller Setting - TCP Active

- **Current Port No.**
Key in the network port number of the HIO
- **Suspend Polling**
If checked, system will not communicate with the controller

Controller Setting	Network Setting	Port Forwarding	HIO
Remote Router Router A -			
Current Port No.	44005		
New Port No.	44005		

Port Forwarding

- Click on the Undefined to set the router configuration. Please go to "Router" for further explanation.

Controller Setting	Network Setting	Port Forwarding	HIO
Active Engine			
Active Engine ID	1		
New Setting			
Controller Address	192 . 168 . 1 . 106		
Port No.	44005		
Subnet Mask	255 . 255 . 255 . 0		
Gateway	192 . 168 . 1 . 1		

Network Setting

- **Active Engine**

*To assign the HIO controller into desired Active Engine group (Max: only 10 Active Engine available in Platform1 Server V2****)*

- **New Setting**

This section allowed user to change the existing HIO network setting such as controller address, Port Number, Subnet Mask and Gateway. Once changed, the system will update the new setting on Controller Setting section as well.

HIO

Controller Setting Network Setting Port Forwarding HIO		
Input Output Alarm Zone		
No.	Name	Description
1	Input 1	I1
2	Input 2	I2
3		
4		
5		
6		
7		
8		
9		
10		
11		

- Input**

Fill in the Input name and description

Controller Setting Network Setting Port Forwarding HIO		
Input Output Alarm Zone		
No.	Name	Description
1	Output 1	O1
2	Output 2	O2
3		
4		
5		
6		
7		
8		
9		
10		
11		

- Output**

Fill in the Output name and description

Controller Setting | Network Setting | Port Forwarding | HID

Input | Output | Alarm Zone

No.	Name	Description	Arm TZ
1	AZ_1		1 - 24 Hours Active
2	AZ_2		1 - 24 Hours Active
3	Undefined		
4	Undefined		
5	Undefined		
6	Undefined		
7	Undefined		
8	Undefined		
9	Undefined		

Add Edit Delete

- **Alarm Zone**

Fill in the Alarm Zone name and description as well as configure the Arm Time Zone

Alarm Zone - Add

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | Alarm Zone Description | Simulation

No.	Name	Description	Monitor	Trigger Mode
1	Input 1		☐ No	☒ Open Trigger ☐ Close Trigger
2	Input 2		☐ No	☒ Open Trigger ☐ Close Trigger
3	Input 3		☐ No	☒ Open Trigger ☐ Close Trigger
4	Input 4		☐ No	☒ Open Trigger ☐ Close Trigger
5	Input 5		☐ No	☒ Open Trigger ☐ Close Trigger
6	Input 6		☐ No	☒ Open Trigger ☐ Close Trigger
7	Input 7		☐ No	☒ Open Trigger ☐ Close Trigger

Notes: Open Trigger - For Normally Close device Close Trigger - For Normally Open device

☒ Either point triggered to relay Output (s) ☐ All points triggered to relay Output (s)

Save and Close Save and New Cancel

- **Alarm Zone - Add**

Configure the Arm Time Zone, Monitor and Trigger Mode for Input and Output

View the Alarm Zone description

Simulate the Input/Output of the Alarm Zone

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | Alarm Zone Description | Simulation

No.	Name	Description	Monitor	Trigger Mode
1	Input 1		☒ Yes	☒ Open Trigger ☐ Close Trigger
2	Input 2		☒ Yes	☒ Open Trigger ☐ Close Trigger
3	Input 3		☒ Yes	☒ Open Trigger ☐ Close Trigger
4	Input 4		☒ Yes	☒ Open Trigger ☐ Close Trigger
5	Input 5		☐ No	☐ Open Trigger ☒ Close Trigger
6	Input 6		☐ No	☐ Open Trigger ☒ Close Trigger
7	Input 7		☐ No	☐ Open Trigger ☒ Close Trigger

Notes: Open Trigger - For Normally Close device Close Trigger - For Normally Open device

☒ Either point triggered to relay Output (s) ☐ All points triggered to relay Output (s)

Accept Cancel

- **Alarm Zone - Input**

Tick "Monitor" to enable the input monitoring

Trigger Mode:

- Open Trigger - Choose this option if connecting the normally close device
- Close Trigger - Choose this option if connecting the normally open device

"Either point triggered to relay Output (s)" - Either one of the Input can trigger all the Outputs (Logic OR)

"All point triggered to relay Output (s)" - Only all Input can trigger all the Outputs (Logic AND)

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input Output Alarm Zone Description Simulation

No.	Name	Description	Trigger	Duration (sec)
1	Output 1		☒ Yes	0
2	Output 2		☒ Yes	0
3	Output 3		☒ Yes	0
4	Output 4		☒ Yes	0
5	Output 5		☐ No	0
6	Output 6		☐ No	0
7	Output 7		☐ No	0
8	Output 8		☐ No	0

☒ Toggle OFF - Output trigger by Duration (s)
 ☐ Toggle ON - Output trigger by Associate Input (s)

Accept Cancel

- **Alarm Zone - Output**

Tick "Trigger" to enable the Output trigger

Duration - Set how long time to trigger the output

"Toggle OFF - Output trigger by Duration (s)" - Configure the output to be triggered by duration

"Toggle ON - Output trigger by Associate Input (s)" - Configure the output to be triggered by inputs

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | **Alarm Zone Description** | Simulation

[EITHER]
Input 1 OR
Input 2 OR
Input 3 OR
Input 4 TRIGGER
[THEN]
Output 1 AND
Output 2 AND
Output 3 AND
Output 4 TRIGGER

Accept Cancel

- **Alarm Zone - Description**
To view the description of the configured Alarm Time Zone

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | Alarm Zone Description | Simulation

Criteria	Input (s)	Logic	Action	Output (s)	Duration (sec)
[IF]	☐ Input 1	OR	[THEN]	☒ Output 1	99
	☒ Input 2	OR		☒ Output 2	99
	☐ Input 3	OR		☒ Output 3	99
	☒ Input 4			☒ Output 4	99

Alarm Triggered! Stop Simulation

Accept Cancel

- **Alarm Zone - Simulation**

To Simulate the Input and Output to check the result of the configuration

Tick "Input" to check the result of the Output

"Start Simulation" - click to start the simulation

"Stop Simulation" - click to stop the simulation

14.1.6.13 S3100

Add [F2] - S3100

Name	S3100
Description	SC1002-3K
Model	S3100
Address	255 . 255 . 255 . 3

Zone Setting		Fingerprint		Available Wiegand Group	
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Connection	COM - 1				
Suspend Polling	☐ No				
Global Antipassback Group	Undefined				
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time			
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time			
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No		

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**

The name to identify the controller. The name entered must be unique.

- **Description**

Enter the description of the controller which going to be installed.

- **Model**

Select the model according to the controller installed. (Select S3100)

- **Address**

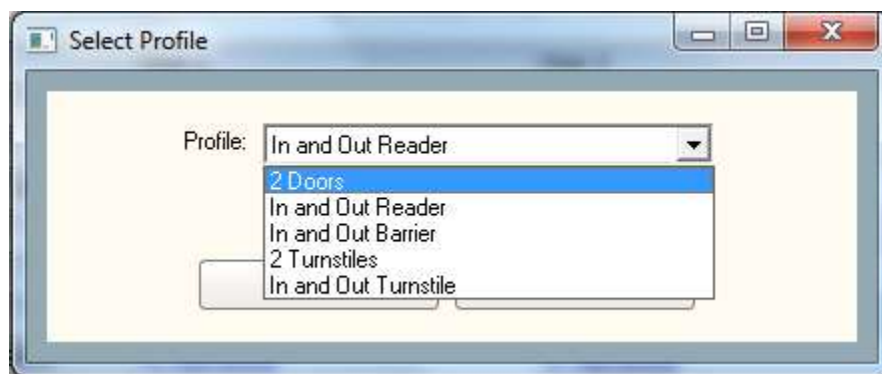
Enter the controller address in this slots.

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
			Input Point Setting
			Output Relay
Connection	COM1 - MOXA		
Suspend Polling	☐ No		
Global Antipassback Group	Undefined		
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Connection:** Setup the serial port for communication
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
	Input Point Setting	Output Relay	
Parameters	Door 1	Door 2	
Name	S3100_Door1	S3100_Door2	
Description	ZONE1	ZONE2	
Lock release time (sec)	5	5	
Open time (sec)	15	15	
Entry Zone ID	1	1	
Exit Zone ID	2	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active	
Card + PIN Lockout Count	0	0	
Lock Release Time Zone	0 - Not Active	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active	
Antipassback Lockout	☐ No	☐ No	

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
	Input Point Setting	Output Relay	
Parameters	Door 1		
Name	S3100_Door1		
Description	IN & OUT Door		
Lock release time (sec)	5		
Open time (sec)	15		
Entry Zone ID	1		
Exit Zone ID	2		
Card + PIN Time Zone	0 - Not Active		
Card + PIN Lockout Count	0		
Lock Release Time Zone	0 - Not Active		
Exit Button Enabled Time Zone	1 - 24 Hours Active		
Antipassback Time Zone	0 - Not Active		
Antipassback Lockout	☐ No		

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Barrier 1	Barrier 2	
Name	S3100_BR1	S3100_BR2	
Description	IN Barrier	OUT Barrier	
Lock release time (sec)	5	5	
Open time (sec)	15	15	
Entry Zone ID	1	1	
Exit Zone ID	2	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active	
Card + PIN Lockout Count	0	0	
Lock Release Time Zone	0 - Not Active	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active	
Antipassback Lockout	☐ No	☐ No	

- **Car Park Setting - In and Out Barrier Mode**
Car Park mode with in and out barrier and reader

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Turnstile 1	Turnstile 2	
Name	S3100_TS1	S3100_TS2	
Description	Turnstile 1	Turnstile 2	
Lock release time (sec)	5	5	
Open time (sec)	15	15	
Entry Zone ID	1	1	
Exit Zone ID	2	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active	
Card + PIN Lockout Count	0	0	
Lock Release Time Zone	0 - Not Active	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active	
Antipassback Lockout	☐ No	☐ No	

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters		Turnstile 1	
Name	S3100_TS1		
Description	In and Out Turnstile		
Lock release time (sec)	5		
Open time (sec)	15		
Entry Zone ID	1		
Exit Zone ID	2		
Card + PIN Time Zone	0 - Not Active		
Card + PIN Lockout Count	0		
Lock Release Time Zone	0 - Not Active		
Exit Button Enabled Time Zone	1 - 24 Hours Active		
Antipassback Time Zone	0 - Not Active		
Antipassback Lockout	No		

- **Turnstile Setting - In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must

enable first before door interlock to be functional)

- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over

- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time

- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
Parameters	Reader 1	Reader 2	
Name	s31_32_r1	s31_32_r2	
Description			
Reader Type	Standard Wiegand	Standard Wiegand	
In/Out	☒ In ☐ Out	☐ In ☒ Out	
Bind to Door	1 - Door 1	1 - Door 1	
HID AGK	N/A	N/A	
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	
Wiegand Group	N/A	N/A	
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bi	
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Enable Access Limit	☐ No	☐ No	

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader
- **Bind to door:** Configure the reader to bind with any door
- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4

and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Alarm/Siren DurationTime (min) 15					
Arm Delay Time (sec) 1					
Disarm Delay Time (sec) 2					
Arming Time Zone 0 - Not Active					

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
Parameters	Name	Description	Type	Door/ Reader			
Input 1	DSD1_S3100		1 - Door Sensor	1 - S3100_Door1			
Input 2	PBD2_S3100		2 - Exit Button	1 - S3100_Door1			
Input 3	TPD3_S3100		6 - Tamper	1 - Reader 1			
Input 4			7 - Alarm	0 - Not use			
			0 - Not use 1 - Door Sensor 2 - Push Button 3 - General Purpose 4 - Fire Input 5 - Loop Detector 6 - Tamper 7 - Alarm				

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
Parameters	Door/ Reader	Trigger Mode		Digital/ Analog			
Input 1	1 - S3100_Door1	☒ Open Trigger ☐ Close Trigger		☒ Digital ☐ Analog			
Input 2	1 - S3100_Door1	☐ Open Trigger ☒ Close Trigger		☒ Digital ☐ Analog			
Input 3	1 - Reader 1	☒ Open Trigger ☐ Close Trigger		☒ Digital ☐ Analog			
Input 4	0 - Not use	☒ Open Trigger ☐ Close Trigger		☒ Digital ☐ Analog			

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
Parameters	Trigger State Delay (sec)	Normal State Delay (sec)	
Input 1	5	4	
Input 2	Immediate	Immediate	
Input 3	Immediate	Immediate	
Input 4	Immediate	Immediate	

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

- **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Door 1	☒ Yes	☐ No	
Door 2	☐ No	☒ Yes	
Door 3	☐ No	☐ No	
Door 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm or Fire
- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination
- **General purpose Output Time Zone:**
Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Barrier 1	☒ Yes	☐ No	
Barrier 2	☐ No	☒ Yes	
Barrier 3	☐ No	☐ No	
Barrier 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm or Fire

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Turnstile 1	☒ Yes	☐ No	
Turnstile 2	☐ No	☒ Yes	
Turnstile 3	☐ No	☐ No	
Turnstile 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm or Fire

- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		
Parameters	Zone 1	Zone 2			
Zone ID	1	2			
Maximum In-Count	30000	30000			

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration** *(This feature was removed since version 3.11.11.01)*
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	21605

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

<

>

Available List

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

14.1.6.14 S3200

Add [F2] - S3200

Name	S3200				
Description	SC2002-30K				
Model	S3200				
Address	255 . 255 . 255 . 2				

Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Connection	COM - 1				
Suspend Polling	☐ No				
Global Antipassback Group	Undefined				
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time		:	
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time		:	
Cross board Interlock Group	Undefined	Enabled Interlock		☐ No	

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

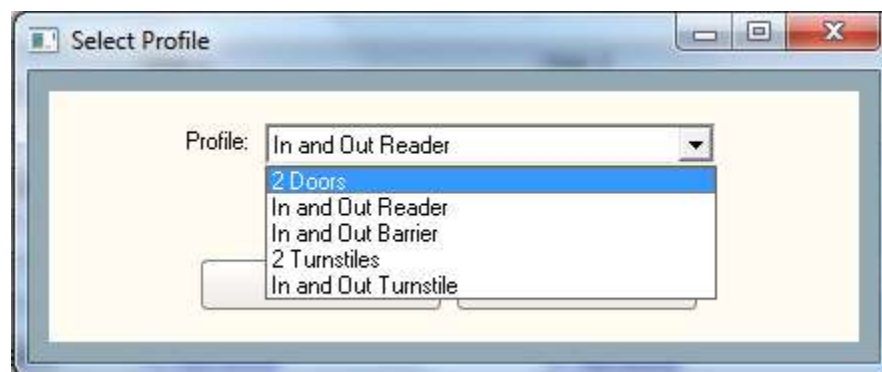
- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select S3200)
- **Address**
Enter the controller address in this slots.

PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Zone Setting			
Connection		COM1 - MOXA		
Suspend Polling		☐ No		
Global Antipassback Group		Undefined		
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time		
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time		
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No	

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Connection:** Setup the serial port for communication
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	S3200_Dr1	S3100_Dr2
Description	Zone1	Zone2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Parameters	Door 1
Name	S3200_Dr1
Description	Zone1
Lock release time (sec)	5
Open time (sec)	15
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Parameters	Barrier 1	Barrier 2
Name	S3200_Br1	S3100_BR1
Description	IN Barrier	Out Barrier
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**
Car Park mode with in and out barrier and reader

Parameters	Turnstile 1	Turnstile 2
Name	S3200_Ts1	S3100_Ts2
Description	Turnstile 1	Turnstile 2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Parameters		Turnstile 1
Name	S3200_Ts1	
Description	Turnstile 1	
Lock release time (sec)	5	
Open time (sec)	15	
Entry Zone ID	1	
Exit Zone ID	2	
Card + PIN Time Zone	0 - Not Active	
Card + PIN Lockout Count	0	
Lock Release Time Zone	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	
Antipassback Lockout	☐ No	

- **Turnstile Setting - In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must

enable first before door interlock to be functional)

- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over

- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time

- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Reader 1	Reader 2		
Name	S3.2K_R1	S3.2K_R2		
Description				
Reader Type	Standard Wiegand	Standard Wiegand		
In/Out	☒ In ☐ Out	☐ In ☒ Out		
Bind to Door	1 - S3.2K_TS1	1 - S3.2K_TS1		
HID AGK	N/A	N/A		
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits		
Wiegand Group	Not Available	Not Available		
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active		
Enable Access Limit	☐ No	☐ No		
Bind to Zone	0 - Not use	0 - Not use		
Use Loop Detector	☐ No	☐ No		

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- NOTE:** If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Alarm/Siren DurationTime (min)	15		
Arm Delay Time (sec)	1		
Disarm Delay Time (sec)	2		
Arming Time Zone	0 - Not Active		

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Name	Description	Type	Door / Reader
Input 1	DSD1_S3200		1 - Door Sensor	1 - S3.2K_TS1
Input 2	PBD2_S3200		2 - Push Button	1 - S3.2K_TS1
Input 3	PBD3_S3200		2 - Push Button	0 - Not use
Input 4	PBD4_S3200		2 - Push Button	0 - Not use
Input 5			0 - Not use	0 - Not use
Input 6			0 - Not use	0 - Not use
Input 7			0 - Not use	0 - Not use
Input 8			0 - Not use	0 - Not use

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting																											
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +																											
<table border="1"> <thead> <tr> <th>Parameters</th> <th>Trigger Mode</th> <th>Digital/ Analog</th> </tr> </thead> <tbody> <tr> <td>Input 1</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 2</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 3</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 4</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 5</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 6</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 7</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 8</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> </tbody> </table>					Parameters	Trigger Mode	Digital/ Analog	Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog	Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog	Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 6	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog	Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 8	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
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Input 3	Immediate	Immediate																													
Input 4	Immediate	Immediate																													
Input 5	Immediate	Immediate																													
Input 6	Immediate	Immediate																													
Input 7	Immediate	Immediate																													
Input 8	Immediate	Immediate																													

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

- **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader
- **Trigger Mode:**
 1. Open Trigger
 2. Close Trigger
- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)
- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Door 1	☒ Yes	☐ No	
Door 2	☐ No	☒ Yes	
Door 3	☐ No	☐ No	
Door 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

- Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Barrier 1	☒ Yes	☐ No	
Barrier 2	☐ No	☒ Yes	
Barrier 3	☐ No	☐ No	
Barrier 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Turnstile 1	☒ Yes	☐ No	
Turnstile 2	☐ No	☒ Yes	
Turnstile 3	☐ No	☐ No	
Turnstile 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire

combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)**

Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	21605

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Turnstile Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Security On		1 - 24 Hours Active	[Da]	☒ Off ☐ On	0
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	5
Event 3			1 - 24 Hours Active		☐ Off ☒ On	0
Event 4			1 - 24 Hours Active		☐ Off ☒ On	0
Event 5			1 - 24 Hours Active		☐ Off ☒ On	0
Event 6			1 - 24 Hours Active		☐ Off ☒ On	0
Event 7			1 - 24 Hours Active		☐ Off ☒ On	0
Event 8			1 - 24 Hours Active		☐ Off ☒ On	0
Event 9			1 - 24 Hours Active		☐ Off ☒ On	0
Event 10			1 - 24 Hours Active		☐ Off ☒ On	0

- **Event Relay Setting**
Configure the event trigger time zone, criteria, trigger on/off and trigger duration (More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Zone Setting
PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Database Storage

Cardholder capacity

Transaction capacity

[Get Min and Max](#)

[Set default](#)

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

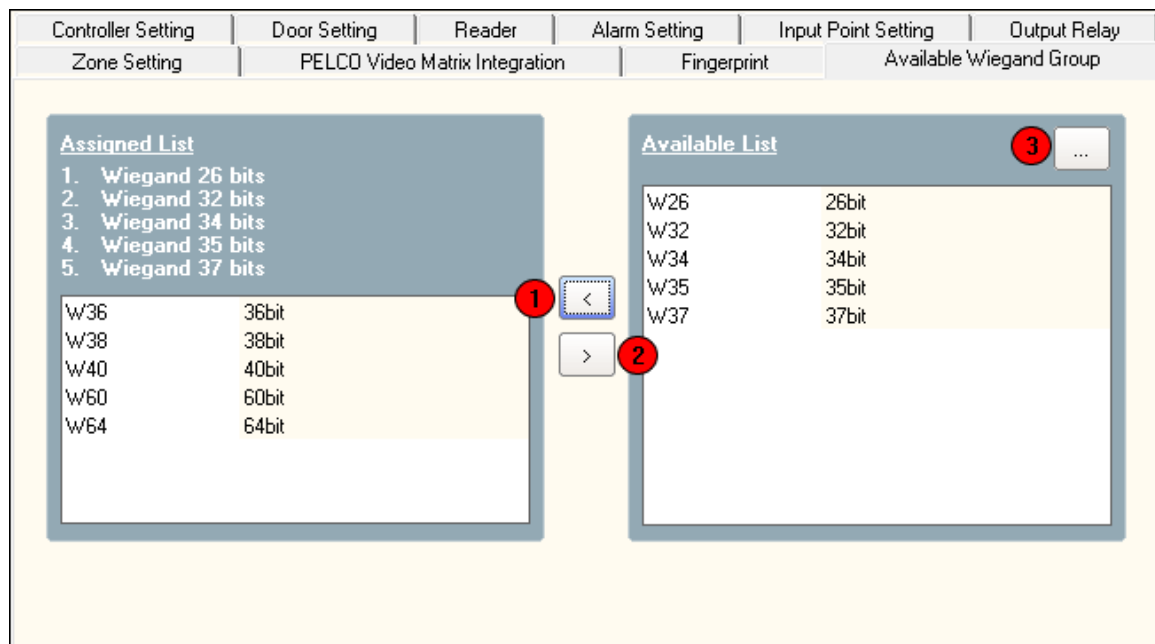
• **Advanced Setting**

Configure the database storage size (Dynamic Storage)

- **Cardholder Capacity:** Configure the cardholder capacity
- **Transaction Capacity:** Configure the transaction capacity
- **Get Min and Max:** Obtain the minimum and maximum of the controller database storage
- **Set Default:** Return the default value to the Cardholder and Transaction capacity



NOTE: When Cardholder and Transaction capacity is changed for the first time, system will need to get the memory structure from the controller. Therefore, please ensure that controller address, connection location/Current Port number are correct



- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form

For more information, please refer Appendix F - Dynamic Storage



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

14.1.6.15 S3400

Add [F2] - S3400

Name	S3400				
Description	SC4004-30K				
Model	S3400				
Address	255 . 255 . 255 . 1				

Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting
Connection COM - 1 Suspend Polling ☐ No Global Antipassback Group Undefined Antipassback/Card+PIN Reset ☐ No Antipassback/Card+PIN Reset Time Admin/Local Pin Reset ☐ No Admin/Local Pin Reset Time Cross board Interlock Group Undefined Enabled Interlock ☐ No				

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

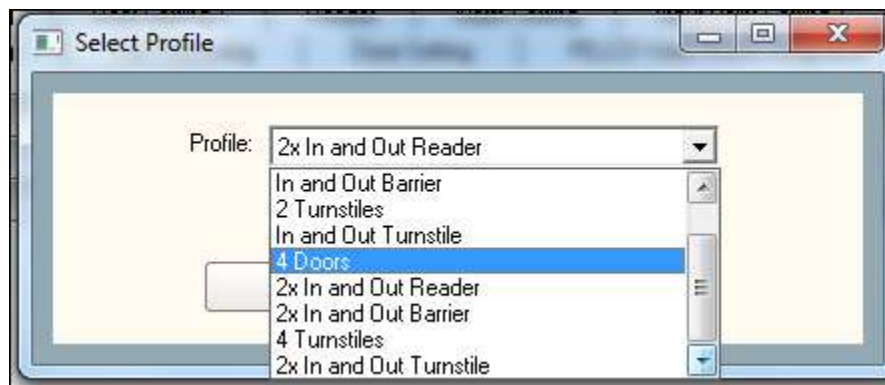
- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select S3400)
- **Address**
Enter the controller address in this slots.

PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Zone Setting			
Connection		COM1 - MOXA		
Suspend Polling		☐ No		
Global Antipassback Group		Undefined		
Antipassback/Card+PIN Reset		☐ No	Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset		☐ No	Admin/Local Pin Reset Time	
Cross board Interlock Group		Undefined	Enabled Interlock ☐ No	

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Connection:** Setup the serial port for communication
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** 2 Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate

- **4 Doors:** 4 doors mode and each door will have 1 reader
- **2x In and Out Reader:** 2 door mode and each door has in and out reader
- **2x In and Out Barrier:** Car park mode with 2 in and out barrier
- **4 Turnstile:** 4 turnstile mode and each turnstile gate will have 1 reader
- **2x In and Out Turnstile:** 2 turnstile mode and each turnstile has in and out gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	S34_D1	S34_D2
Description	Dr1	Dr2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

PELCO Video Matrix Integration Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group	
Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Zone Setting	
Parameters	Door 1
Name	S34_D1
Description	Dr1
Lock release time (sec)	5
Open time (sec)	15
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

PELCO Video Matrix Integration Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group	
Controller Setting Car Park Setting Reader Alarm Setting Input Point Setting Output Relay Zone Setting	
Parameters	Barrier 1
Name	S34_B1
Description	in Barrier
Lock release time (sec)	5
Open time (sec)	15
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Parameters	Turnstile 1	Turnstile 2
Name	S34_T1	S34_T2
Description	Turnstile 1	Turnstile 2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Parameters	Turnstile 1
Name	S34_T1
Description	Turnstile 1
Lock release time (sec)	5
Open time (sec)	15
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader

Parameters	Door 1	Door 2	Door 3	Door 4
Name	S34_D1	S34_D2	S34_D3	S34_D4
Description	D1	D2	D3	D4
Lock release time (sec)	5	5	15	15
Open time (sec)	15	15	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 4 Doors Mode**

Four doors (Door 1, Door 2, Door 3 and Door 4) assigned to the controller

Parameters	Door 1	Door 2
Name	S34_Z1	S34_Z2
Description	IN & OUT Door1	In & OUT Door2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2x In and Out Door Mode**

Two doors (Door 1 and Door 2) with in and out reader assigned to the controller

Parameters	Barrier 1	Barrier 2	Barrier 3	Barrier 4
Name	S34_B1	S34_B2	S34_B3	S34_B4
Description				
Lock release time (sec)	5	5	15	15
Open time (sec)	15	15	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No	☐ No	☐ No

- **Car Park Setting - 2x In and Out Barrier Mode**
Car Park mode with two in and out barrier and reader

Parameters	Turnstile 1	Turnstile 2	Turnstile 3	Turnstile 4
Name	S34_T1	S34_T2	S34_T3	S34_T4
Description				
Lock release time (sec)	5	5	15	15
Open time (sec)	15	15	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active

- **Turnstile Setting - 4 Turnstile Mode**
Turnstile mode with 4 turnstile gate

Parameters	Turnstile 1	Turnstile 2
Name	S34_T1	S34_T2
Description		
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2x In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize

(Follow Open Time) after the release time is over

- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time

- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2	Reader 3
Name	R1	R2	R3
Description	r1	r2	r3
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☐ In ☒ Out	☒ In ☐ Out
Bind to Turnstile	1 - S34_T1	1 - S34_T1	2 - S34_T2
HID AGK	N/A	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bits]
Activated Time Zone	1 - 24 Hours Active	0 - Not Active	1 - 24 Hours Active

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Alarm/Siren DurationTime (min) 15			
Arm Delay Time (sec) 1			
Disarm Delay Time (sec) 2			
Arming Time Zone 0 - Not Active			

• **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Name	Description	Type	Door/ Reader
Input 1	DSD1_S3400		1 - Door Sensor	1 - Door 1
Input 2	PBD2_S3400		2 - Push Button	1 - Door 1
Input 3	DSD3_S3400		1 - Door Sensor	2 - Door 2
Input 4	PBD4_S3400		2 - Push Button	2 - Door 2
Input 5	DSD5_S3400		1 - Door Sensor	3 - Door 3
Input 6	PBD6_S3400		2 - Push Button	3 - Door 3
Input 7	DSD7_S3400		1 - Door Sensor	4 - Door 4
Input 8	PBD8_S3400		2 - Push Button	4 - Door 4

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting																											
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +																											
<table border="1"> <thead> <tr> <th>Parameters</th> <th>Trigger Mode</th> <th>Digital/ Analog</th> </tr> </thead> <tbody> <tr> <td>Input 1</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 2</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 3</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 4</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 5</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 6</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 7</td> <td>☒ Open Trigger ☐ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> <tr> <td>Input 8</td> <td>☐ Open Trigger ☒ Close Trigger</td> <td>☒ Digital ☐ Analog</td> </tr> </tbody> </table>					Parameters	Trigger Mode	Digital/ Analog	Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog	Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog	Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 6	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog	Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	Input 8	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
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Input 1	Immediate	Immediate																													
Input 2	Immediate	Immediate																													
Input 3	Immediate	Immediate																													
Input 4	Immediate	Immediate																													
Input 5	Immediate	Immediate																													
Input 6	Immediate	Immediate																													
Input 7	Immediate	Immediate																													
Input 8	Immediate	Immediate																													

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

- **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader
- **Trigger Mode:**
 1. Open Trigger
 2. Close Trigger
- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)
- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
General Purpose Output Time Zone 0 - Not Active				
Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☒ Yes	☐ No
Door 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers
- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination
- **General purpose Output Time Zone:**
 - Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Controller Setting	Car Park Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
General Purpose Output Time Zone 0 - Not Active				
Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Barrier 1	☒ Yes	☐ No	☐ No	☐ No
Barrier 2	☐ No	☒ Yes	☐ No	☐ No
Barrier 3	☐ No	☐ No	☒ Yes	☐ No
Barrier 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Turnstile 1	☒ Yes	☐ No	
Turnstile 2	☐ No	☒ Yes	
Turnstile 3	☐ No	☐ No	
Turnstile 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting

Parameters	Turnstile 1		Turnstile 2		Turnstile 3		Turnstile 4	
	Monitor	Camera	Monitor	Camera	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0	0	0	0	0
Set 2	0	0	0	0	0	0	0	0
Set 3	0	0	0	0	0	0	0	0
Set 4	0	0	0	0	0	0	0	0

- **Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)**

Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	21605

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Turnstile Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Security On		1 - 24 Hours Active	[Da]	☒ Off ☐ On	0
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	5
Event 3			1 - 24 Hours Active		☐ Off ☒ On	0
Event 4			1 - 24 Hours Active		☐ Off ☒ On	0
Event 5			1 - 24 Hours Active		☐ Off ☒ On	0
Event 6			1 - 24 Hours Active		☐ Off ☒ On	0
Event 7			1 - 24 Hours Active		☐ Off ☒ On	0
Event 8			1 - 24 Hours Active		☐ Off ☒ On	0
Event 9			1 - 24 Hours Active		☐ Off ☒ On	0
Event 10			1 - 24 Hours Active		☐ Off ☒ On	0

- **Event Relay Setting**
Configure the event trigger time zone, criteria, trigger on/off and trigger duration (More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Zone Setting
PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Database Storage

Cardholder capacity

Transaction capacity

[Get Min and Max](#)

[Set default](#)

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

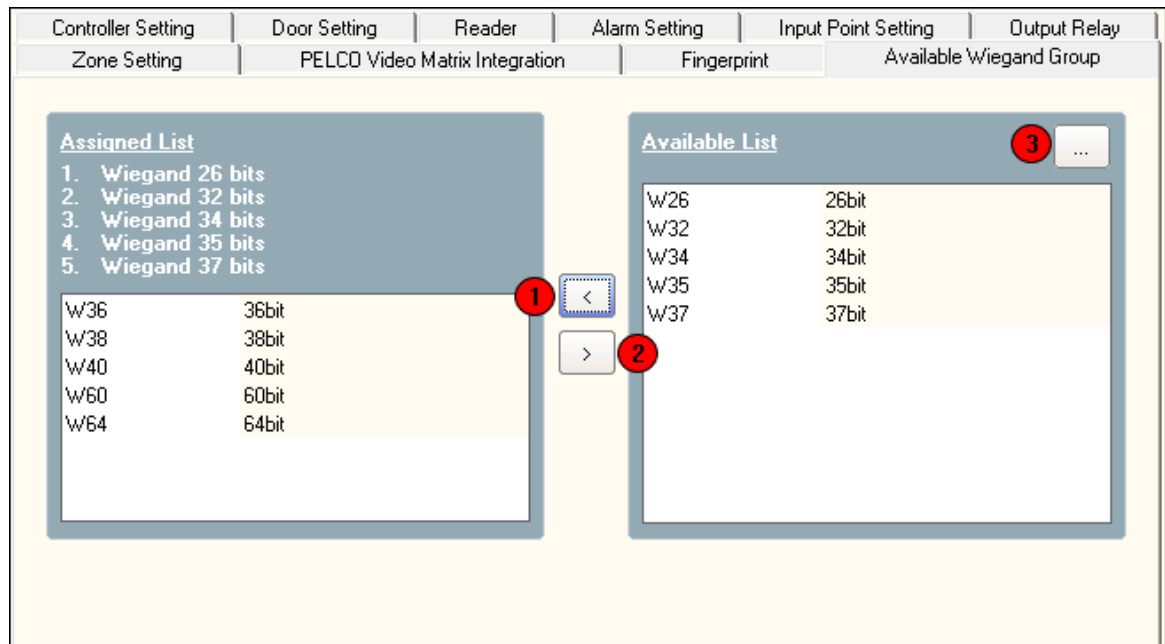
• **Advanced Setting**

Configure the database storage size (Dynamic Storage)

- **Cardholder Capacity:** Configure the cardholder capacity
- **Transaction Capacity:** Configure the transaction capacity
- **Get Min and Max:** Obtain the minimum and maximum of the controller database storage
- **Set Default:** Return the default value to the Cardholder and Transaction capacity



NOTE: When Cardholder and Transaction capacity is changed for the first time, system will need to get the memory structure from the controller. Therefore, please ensure that controller address, connection location/Current Port number are correct



- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form

For more information, please refer Appendix F - Dynamic Storage



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

14.1.6.16 N5100

Add [F2] - N5100

Name	N5100
Description	AN1002-3K
Model	N5100
Address	192.168.1.104

Network Setting	Port Forwarding	Zone Setting	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

Current Port No.	44004
Suspend Polling	☐ No
Global Antipassback Group	Undefined
Antipassback/Card+PIN Reset	☐ No
Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No
Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined
Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select N5100)
- **Address**
Enter the controller IP address in this slots.

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting

Current Port No.

Suspend Polling ☐ No

Global Antipassback Group [Undefined](#)

Antipassback/Card+PIN Reset ☐ No Antipassback/Card+PIN Reset Time

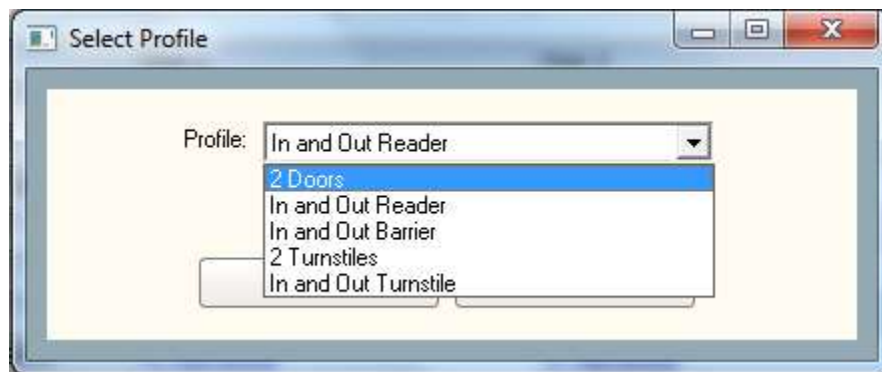
Admin/Local Pin Reset ☐ No Admin/Local Pin Reset Time

Cross board Interlock Group [Undefined](#) Enabled Interlock ☐ No

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Current Port No:** Setup the port number of the N5100
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	N51_D1	N51_D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Parameters	Door 1
Name	N51_D1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group																																							
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting	Output Relay																																							
<table border="1"> <thead> <tr> <th>Parameters</th> <th>Barrier 1</th> <th>Barrier 2</th> </tr> </thead> <tbody> <tr> <td>Name</td> <td>N51_B1</td> <td>N51_B2</td> </tr> <tr> <td>Description</td> <td></td> <td></td> </tr> <tr> <td>Lock release time (sec)</td> <td>15</td> <td>15</td> </tr> <tr> <td>Open time (sec)</td> <td>30</td> <td>30</td> </tr> <tr> <td>Entry Zone ID</td> <td>1</td> <td>1</td> </tr> <tr> <td>Exit Zone ID</td> <td>2</td> <td>2</td> </tr> <tr> <td>Card + PIN Time Zone</td> <td>0 - Not Active</td> <td>0 - Not Active</td> </tr> <tr> <td>Card + PIN Lockout Count</td> <td>0</td> <td>0</td> </tr> <tr> <td>Lock Release Time Zone</td> <td>0 - Not Active</td> <td>0 - Not Active</td> </tr> <tr> <td>Exit Button Enabled Time Zone</td> <td>1 - 24 Hours Active</td> <td>1 - 24 Hours Active</td> </tr> <tr> <td>Antipassback Time Zone</td> <td>0 - Not Active</td> <td>0 - Not Active</td> </tr> <tr> <td>Antipassback Lockout</td> <td>☐ No</td> <td>☐ No</td> </tr> </tbody> </table>						Parameters	Barrier 1	Barrier 2	Name	N51_B1	N51_B2	Description			Lock release time (sec)	15	15	Open time (sec)	30	30	Entry Zone ID	1	1	Exit Zone ID	2	2	Card + PIN Time Zone	0 - Not Active	0 - Not Active	Card + PIN Lockout Count	0	0	Lock Release Time Zone	0 - Not Active	0 - Not Active	Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	Antipassback Time Zone	0 - Not Active	0 - Not Active	Antipassback Lockout	☐ No	☐ No
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Lock Release Time Zone	0 - Not Active	0 - Not Active																																										
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active																																										
Antipassback Time Zone	0 - Not Active	0 - Not Active																																										
Antipassback Lockout	☐ No	☐ No																																										

- **Car Park Setting - In and Out Barrier Mode**
Car Park mode with in and out barrier and reader

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group																																							
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay																																							
<table border="1"> <thead> <tr> <th>Parameters</th> <th>Turnstile 1</th> <th>Turnstile 2</th> </tr> </thead> <tbody> <tr> <td>Name</td> <td>N51_T1</td> <td>N51_T2</td> </tr> <tr> <td>Description</td> <td></td> <td></td> </tr> <tr> <td>Lock release time (sec)</td> <td>15</td> <td>15</td> </tr> <tr> <td>Open time (sec)</td> <td>30</td> <td>30</td> </tr> <tr> <td>Entry Zone ID</td> <td>1</td> <td>1</td> </tr> <tr> <td>Exit Zone ID</td> <td>2</td> <td>2</td> </tr> <tr> <td>Card + PIN Time Zone</td> <td>0 - Not Active</td> <td>0 - Not Active</td> </tr> <tr> <td>Card + PIN Lockout Count</td> <td>0</td> <td>0</td> </tr> <tr> <td>Lock Release Time Zone</td> <td>0 - Not Active</td> <td>0 - Not Active</td> </tr> <tr> <td>Exit Button Enabled Time Zone</td> <td>1 - 24 Hours Active</td> <td>1 - 24 Hours Active</td> </tr> <tr> <td>Antipassback Time Zone</td> <td>0 - Not Active</td> <td>0 - Not Active</td> </tr> <tr> <td>Antipassback Lockout</td> <td>☐ No</td> <td>☐ No</td> </tr> </tbody> </table>						Parameters	Turnstile 1	Turnstile 2	Name	N51_T1	N51_T2	Description			Lock release time (sec)	15	15	Open time (sec)	30	30	Entry Zone ID	1	1	Exit Zone ID	2	2	Card + PIN Time Zone	0 - Not Active	0 - Not Active	Card + PIN Lockout Count	0	0	Lock Release Time Zone	0 - Not Active	0 - Not Active	Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	Antipassback Time Zone	0 - Not Active	0 - Not Active	Antipassback Lockout	☐ No	☐ No
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Lock Release Time Zone	0 - Not Active	0 - Not Active																																										
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active																																										
Antipassback Time Zone	0 - Not Active	0 - Not Active																																										
Antipassback Lockout	☐ No	☐ No																																										

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Parameters	Turnstile 1
Name	N51_T1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must

enable first before door interlock to be functional)

- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over

- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time

- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2
Name	R1	R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☐ In ☒ Out
Bind to Turnstile	1 - N51_T1	1 - N51_T1
HID AGK	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits,	[Wiegand 26-bits,Wiegand 32-bits,
Activated Time Zone	1 - 24 Hours Active	0 - Not Active
Enable Access Limit	☐ No	☐ No

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader
- **Bind to door:** Configure the reader to bind with any door
- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4

and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Alarm/Siren DurationTime (min) 15			
Arm Delay Time (sec) 1			
Disarm Delay Time (sec) 2			
Arming Time Zone 0 - Not Active			

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting
Controller Setting	Turnstile Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +

Parameters	Name	Description	Type	Door/ Reader
Input 1	DSD1_N5100		1 - Door Sensor	0 - Not use
Input 2	PBD2_N5100		2 - Push Button	0 - Not use
Input 3	DSD3_N5100		1 - Door Sensor	0 - Not use
Input 4	PBD4_N5100		2 - Push Button	0 - Not use

Parameters	Trigger Mode	Digital/ Analog
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 2	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 4	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	5	4
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

- **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader
- **Trigger Mode:**
 1. Open Trigger
 2. Close Trigger
- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)
- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
General Purpose Output Time Zone 0 - Not Active						
Parameters	Relay 1	Relay 2				
Door 1	☒ Yes	☐ No				
Door 2	☐ No	☒ Yes				
Door 3	☐ No	☐ No				
Door 4	☐ No	☐ No				
General Purpose	☐ No	☐ No				
Alarm	☐ No	☐ No				
On-Board Fire Release	☐ No	☐ No				
Interlock	☐ No	☐ No				
Event 1 Trigger	☐ No	☐ No				
Event 2 Trigger	☐ No	☐ No				

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release and Interlock

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination

- **General purpose Output Time Zone:**

Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2
Barrier 1	☒ Yes	☐ No
Barrier 2	☐ No	☒ Yes
Barrier 3	☐ No	☐ No
Barrier 4	☐ No	☐ No
General Purpose	☐ No	☐ No
Alarm	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No
Interlock	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release and Interlock

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2
Turnstile 1	☒ Yes	☐ No
Turnstile 2	☐ No	☒ Yes
Turnstile 3	☐ No	☐ No
Turnstile 4	☐ No	☐ No
General Purpose	☐ No	☐ No
Alarm	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No
Interlock	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm, On-Board Fire Release and Interlock

- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire

combination

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Active Engine

Active Engine ID

New Setting

Controller Address

Port No.

Subnet Mask

Gateway

- **Network Setting**

- **Active Engine ID:** Select the active engine ID for the controller
- **Controller Address:** Configure a new controller IP address
- **Port No.:** Configure a new controller port number
- **Subnet Mask:** Configure a new controller subnet mask
- **Gateway:** Configure a new controller gateway

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Remote Router [Undefined](#)

Current Port No.

New Port No.

- **Port Forwarding - Remote Router**

Configure a remote router to communicate with the controller

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)**

Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	56213

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

AES

Use AES Encryption ☐ No

- **Advanced Setting**
Enable or disable the AES encryption of the controller (More information please refer appendix F)

- AES Encryption)

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

14.1.6.17 N5200

Add [F2] - N5200

Name	N5200
Description	AN2002-30K
Model	N5200
Address	192.168.1.103

Port Forwarding	Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Current Port No.	44003
Suspend Polling	☐ No
Global Antipassback Group	Undefined
Antipassback/Card+PIN Reset	☐ No
Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No
Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined
Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select N5200)
- **Address**
Enter the controller IP address in this slots.

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
Network Setting					

Current Port No.

Suspend Polling ☐ No

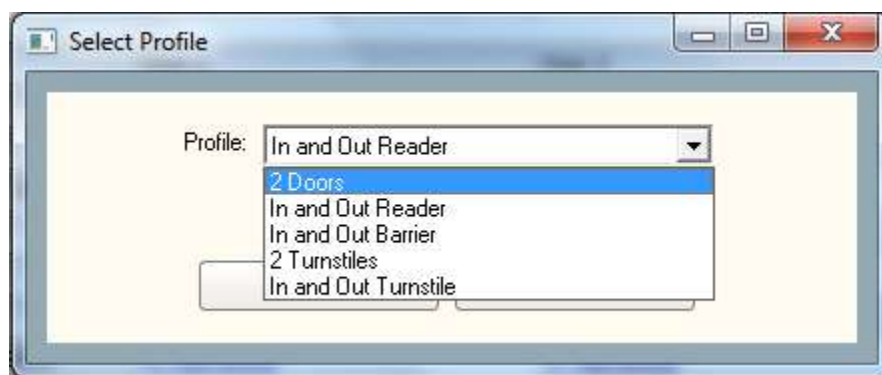
Global Antipassback Group [Undefined](#) Interlocking Group [Undefined](#)

Antipassback/Card+PIN Reset ☐ No Antipassback/Card+PIN Reset Time

Admin/Local Pin Reset ☐ No Admin/Local Pin Reset Time

- **Controller Setting**

- **Current Port No:** Setup the port number of the N5200
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Parameters	Door 1
Name	D1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Barrier 1	Barrier 2
Name	B1	B2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**
Car Park mode with in and out barrier and reader

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	T1	T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1
Name	T1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must

enable first before door interlock to be functional)

- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over

- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time

- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2
Name	R1	R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☒ In ☐ Out
Bind to Door	1 - T1	2 - T2
HID AGK	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bits,	[Wiegand 26-bits, Wiegand 32-bits,
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	☐ No	☐ No

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader
- **Bind to door:** Configure the reader to bind with any door
- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4

and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
Network Setting					

Parameters	Trigger Mode	Digital/ Analog
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 6	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 8	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					
Port Forwarding					

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	5	4
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader
- **Trigger Mode:**
 1. Open Trigger
 2. Close Trigger
- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)
- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☐ No	☐ No
Door 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

• Output Relay Setting - Door Mode

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Barrier 1	☒ Yes	☐ No	☐ No	☐ No
Barrier 2	☐ No	☒ Yes	☐ No	☐ No
Barrier 3	☐ No	☐ No	☐ No	☐ No
Barrier 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Turnstile 1	☒ Yes	☐ No	☐ No	☐ No
Turnstile 2	☐ No	☒ Yes	☐ No	☐ No
Turnstile 3	☐ No	☐ No	☐ No	☐ No
Turnstile 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire

combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Active Engine

Active Engine ID

New Setting

Controller Address

Port No.

Subnet Mask

Gateway

- **Network Setting**

- **Active Engine ID:** Select the active engine ID for the controller
- **Controller Address:** Configure a new controller IP address
- **Port No.:** Configure a new controller port number
- **Subnet Mask:** Configure a new controller subnet mask
- **Gateway:** Configure a new controller gateway

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Remote Router [Undefined](#)

Current Port No.

New Port No.

- **Port Forwarding - Remote Router**

Configure a remote router to communicate with the controller

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)**

Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	56213

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Security On		1 - 24 Hours Active	[Da]	☐ Off ☒ On	2
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	15
Event 3			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 4			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 5			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 6			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 7			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 8			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 9			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 10			1 - 24 Hours Active	☐	☐ Off ☒ On	0

- **Event Relay Setting**
Configure the event trigger time zone, criteria, trigger on/off and trigger duration (More

information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

AES

Use AES Encryption ☐ No

Database Storage

Cardholder capacity

Transaction capacity

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

• **Advanced Setting**

1. **AES:** Enable or disable the AES encryption of the controller (More information please refer appendix F - AES Encryption)
2. **Database Storage:** Configure the database storage size (Dynamic Storage)
 - **Cardholder Capacity:** Configure the cardholder capacity
 - **Transaction Capacity:** Configure the transaction capacity
 - **Get Min and Max:** Obtain the minimum and maximum of the controller database storage
 - **Set Default:** Return the default value to the Cardholder and Transaction capacity

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

<

>

Available List

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form

For more information, please refer Appendix F - Dynamic Storage



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

14.1.6.18 N5400

Add [F2] - N5400

Name	N5400
Description	AN4004-30K
Model	N5400
Address	192 . 168 . 1 . 102

Port Forwarding	Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Current Port No.	44002
Suspend Polling	☐ No
Global Antipassback Group	Undefined
Antipassback/Card+PIN Reset	☐ No
Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No
Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined
Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**

The name to identify the controller. The name entered must be unique.

- **Description**

Enter the description of the controller which going to be installed.

- **Model**

Select the model according to the controller installed. (Select N5400)

- **Address**

Enter the controller IP address in this slots.

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** 2 Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate
- **4 Doors:** 4 doors mode and each door will have 1 reader
- **2x In and Out Reader:** 2 door mode and each door has in and out reader
- **2x In and Out Barrier:** Car park mode with 2 in and out barrier
- **4 Turnstile:** 4 turnstile mode and each turnstile gate will have 1 reader
- **2x In and Out Turnstile:** 2 turnstile mode and each turnstile has in and out gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Door 1
Name	D1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**
Single door (Door 1 only) with in and out reader assigned to the controller

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Barrier 1	Barrier 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**
Car Park mode with in and out barrier and reader

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	T1	T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1
Name	T1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Door 1	Door 2	Door 3	Door 4
Name	D1	D2	D3	D4
Description				
Lock release time (sec)	15	15	15	15
Open time (sec)	30	30	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 4 Doors Mode**

Four doors (Door 1, Door 2, Door 3 and Door 4) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Door 1	Door 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2x In and Out Readers Mode**

Two doors (Door 1 and Door 2) with in and out reader assigned to the controller

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting
Parameters	Barrier 1	Barrier 2	Barrier 3	Barrier 4
Name	B1	B2	B3	B4
Description				
Lock release time (sec)	15	15	15	15
Open time (sec)	30	30	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No	☐ No	☐ No

- **Car Park Setting - 2x In and Out Barrier Mode**
Car Park mode with two in and out barrier and reader

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Parameters	Turnstile 1	Turnstile 2	Turnstile 3	Turnstile 4
Name	T1	T2	T3	T4
Description				
Lock release time (sec)	15	15	15	15
Open time (sec)	30	30	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No	☐ No	☐ No

- **Turnstile Setting - 4 Turnstile Mode**
Turnstile mode with 4 turnstile gate

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	T1	T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2x In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must

enable first before door interlock to be functional)

- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over

- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time

- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Zone Setting

PELCO Video Matrix Integration

Fingerprint

Event Relay Setting

Advanced Setting

Available Wiegand Group

Controller Setting

Door Setting

Reader

Alarm Setting

Input Point Setting

Output Relay

Network Setting

Port Forwarding

Parameters	Reader 1	Reader 2	Reader 3	Reader 4
Name	R1	R2	R3	R4
Description				
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out
Bind to Door	1 - T1	2 - T2	3 - T3	4 - T4
HID AGK	N/A	N/A	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema

5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader
- **Bind to door:** Configure the reader to bind with any door
- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader
- **Enable Access Limit:** Enable the access limit/counter for the reader
- **Bind to Zone:** Configure the reader to bind with any zone
- **Use Loop Detector:** Enable the loop detector operation (For Car Park)
- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding

Alarm/Siren DurationTime (min)	15
Arm Delay Time (sec)	15
Disarm Delay Time (sec)	15
Arming Time Zone	0 - Not Active

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +	Network Setting
Parameters	Name	Description	Type	Door/ Reader		
Input 1	DSD1_N5400		1 - Door Sensor	1 - N54_T1		
Input 2	PBD2_N5400		2 - Push Button	1 - N54_T1		
Input 3	DSD3_N5400		1 - Door Sensor	2 - N54_T2		
Input 4	PBD4_N5400		2 - Push Button	2 - N54_T2		
Input 5	DSD5_N5400		1 - Door Sensor	3 - N54_T3		
Input 6	PBD6_N5400		2 - Push Button	3 - N54_T3		
Input 7	DSD7_N5400		1 - Door Sensor	4 - N54_T4		
Input 8	PBD8_N5400		2 - Push Button	4 - N54_T4		

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +	Network Setting
Parameters	Trigger Mode	Digital/ Analog				
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog				
Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog				
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog				
Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog				
Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog				
Input 6	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog				
Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog				
Input 8	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog				

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	Immediate	Immediate
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

- **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)
- **Description:** Input point description
- **Type:**
 1. Not Use
 2. Door Sensor - Auto assign if profile is door mode
 3. Push Button - Auto assign if profile is door mode
 4. General Purpose
 5. Fire Input
 6. Loop Detector - Auto assign if profile is car park mode
 7. Tamper
 8. Alarm
- **Door/Reader:** Bind the input point to any door or reader
- **Trigger Mode:**
 1. Open Trigger
 2. Close Trigger
- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)
- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting		Port Forwarding			

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☒ Yes	☐ No
Door 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

- Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Barrier 1	☒ Yes	☐ No	☐ No	☐ No
Barrier 2	☐ No	☒ Yes	☐ No	☐ No
Barrier 3	☐ No	☐ No	☐ No	☐ No
Barrier 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Turnstile 1	☒ Yes	☐ No	☐ No	☐ No
Turnstile 2	☐ No	☒ Yes	☐ No	☐ No
Turnstile 3	☐ No	☐ No	☒ Yes	☐ No
Turnstile 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Active Engine

Active Engine ID

New Setting

Controller Address

Port No.

Subnet Mask

Gateway

- **Network Setting**

- **Active Engine ID:** Select the active engine ID for the controller
- **Controller Address:** Configure a new controller IP address
- **Port No.:** Configure a new controller port number
- **Subnet Mask:** Configure a new controller subnet mask
- **Gateway:** Configure a new controller gateway

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
	Network Setting	Port Forwarding			

Remote Router [Undefined](#)

Current Port No.

New Port No.

- **Port Forwarding - Remote Router**

Configure a remote router to communicate with the controller

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Door 1		Door 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)**

Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Device 1	Device 2	Device 3	Device 4
Use Fingerprint	☒ Yes	☒ Yes	☒ Yes	☒ Yes
FP Device ID	36462	56213	12123	12124

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Security On		1 - 24 Hours Active	[Da]	☐ Off ☒ On	2
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	15
Event 3			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 4			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 5			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 6			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 7			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 8			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 9			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 10			1 - 24 Hours Active	☐	☐ Off ☒ On	0

- **Event Relay Setting**
Configure the event trigger time zone, criteria, trigger on/off and trigger duration (More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

AES
 Use AES Encryption ☐ No

Database Storage

Cardholder capacity

Transaction capacity

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

- **Advanced Setting**

1. **AES:** Enable or disable the AES encryption of the controller (More information please refer appendix F - AES Encryption)
2. **Database Storage:** Configure the database storage size (Dynamic Storage)
 - **Cardholder Capacity:** Configure the cardholder capacity
 - **Transaction Capacity:** Configure the transaction capacity
 - **Get Min and Max:** Obtain the minimum and maximum of the controller database storage
 - **Set Default:** Return the default value to the Cardholder and Transaction capacity

Controller Setting | Door Setting | Reader | Alarm Setting | Input Point Setting | Output Relay | Network Setting | Port Forwarding | Zone Setting | PELCO Video Matrix Integration | Fingerprint | Event Relay Setting | Advanced Setting | Available Wiegand Group

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

<

>

Available List

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form

For more information, please refer Appendix F - Dynamic Storage



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

14.1.6.19 L3800

Add [F2]- L3800

Name	L3800
Description	EL-800-10K
Model	EL-800-10K
Address	255 . 255 . 255 . 1

Controller Setting	Sub Lift	PELCO Video Matrix Integration	Fingerprint	Lift Reader

Connection	COM3 -
Suspend Polling	☐ No
Check Expiry	☐ No
Turn On Time (sec)	10

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Accept Cancel

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select L3800)
- **Address**
Fill in the controller address in this slots. (e.g.: 255.255.255.3)



NOTE: The L3800 controller will ship with one on-board HIO which cater 8 floors and can connect up to 8 HIO with expansion board to cater up to 136 floors

Name: L3800

Description: EL-800-10K

Model: EL-800-10K

Address: 255 . 255 . 255 . 1

Controller Setting | Sub Lift | PELCO Video Matrix Integration | Fingerprint | Lift Reader

Connection: [COM3 -](#)

Suspend Polling: ☐ No

Check Expiry: ☐ No

Turn On Time (sec): 10

Hint: Cross board Interlock only supported to 1 controller

Accept Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Controller Setting

- **Connection**
Select predefined connection types (either comport selection or Network Interface Unit selection) from the popup connection listing for the new controller.
- **Suspend Polling**
If checked, system will not communicate with the controller
- **Check Expiry**
If checked, the controller will check the card expiry date before allowing the staff member to press on the selected floor buttons.
- **Turn On Time (sec)**
If the staff member flashed card in the lift, the floor buttons will light up and the duration of the buttons to light up is depend on the Turn On Time.

Sub Lift

Controller Setting | Sub Lift | PELCO Video Matrix Integration | Fingerprint | Lift Reader

On-Board | Sub Lift 1 | Sub Lift 2 | Sub Lift 3 | Sub Lift 4 | Sub Lift 5 | Sub Lift 6 | Sub Lift 7 | Sub Lift 8

☒ Enabled

Name: On-Board HIO 0 Description:

Floor Index	Enabled	Floor Name	Floor Description	ByPass TZ
1	☒ Yes	F001		0 - Not Active
2	☒ Yes	F002		0 - Not Active
3	☒ Yes	F003		0 - Not Active
4	☒ Yes	F004		0 - Not Active
5	☒ Yes	F005		0 - Not Active
6	☒ Yes	F006		0 - Not Active
7	☒ Yes	F007		0 - Not Active
8	☒ Yes	F008		0 - Not Active

1. Sub Lift Selection

Select to configure the sub lift and floor



NOTE: On-board Sub Lift is pre-enabled

2. Enable Sub Lift

If checked, the sub lift and floor under the sub lift will be able to be configure

3. Sub Lift Name

Label the Name of Sub Lift



NOTE: User must enter the Name of the Sub Lift

4. Sub Lift Description

Label the description of the Sub Lift

5. Enable Floor

If checked, the floor will enabled and shown in the device list

6. Floor Name

Label the Name of the Floor



NOTE: User must enter the Name of the Floor

7. Floor Description

Label the Description of the Floor

8. ByPass TZ

Set the Time Zone to ByPass the floor

Pelco Video Matrix Integration

(This feature was removed since version 3.11.11.01)

Please refer back all the feature explanation in **Add [F2] - S2000 - PELCO Video Matrix Integration**

Fingerprint

Parameters	Device 1	Device 2	Device 3	Device 4
Use Fingerprint	☐ No	☐ No	☐ No	☐ No
FP Device ID	0	0	0	0

Configure the Suprema biometrics devices

- Use Fingerprint: Enable the biometric devices to communicate with L3800
- FP Device ID: Fill in the Suprema Biometrics ID for L3800 to identify the connected Suprema devices

Lift Reader

Parameters	Reader 1	Reader 2	Reader 3	Reader 4
Enable	☒ Yes	☒ Yes	☒ Yes	☒ Yes
Name	L38_R1	L38_R2	L38_R3	L38_R4
Description				
Reader Type	Standard Wiegand	HID Integrated Keypad	Rosslare Integrated Keypad	Suprema
Wiegand Format	Wiegand 26-bits	Wiegand 32-bits	Wiegand 32-bits	Wiegand 32-bits
Wiegand Group	Not Available	Not Available	Not Available	Not Available
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active

Configure the reader connected with L3800 controller

- **Enable:** Tick the check box under each reader to enable it
- **Name:** Reader's name
- **Description:** Reader's description
- **Reader Type:** Choose the type of the reader connected with L3800 controller
- **Wiegand Format:** Choose the Wiegand format for the reader
- **Wiegand Group:** Choose the Wiegand group if the Wiegand format is selected as Custom
(More information please refer appendix F - Wiegand Custom Multi Bit)
- **Activated Time Zone:** Setup a time zone for reader to be activated

14.1.7 Access Level

View Access Level

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name /	Description
0	No Access
1	Full Access

Total: 2

Accessible Door

Door	Description	In Time Zone
All Doors		0 - Not Active

Total: 0

Command

Access Level

This section allow system administrator to create access level for door access application. Access level defines the access right of a staff member when using the door (It can also be use for barrier gate and turnstile). Before proceed into access level menu, system administrator is advised to complete the Timeset and Timezone menu first.

On bottom of the access level menu, system administrator can double click on the **Command** bar to pop out the command bar feature.

Send - Highlight on the selected access level and click "Send" button to send the access level details to the controllers

Delete - Highlight on the selected access level and click "Delete" button to delete the access level details from the controllers

Retrieve - Highlight on the selected access level and click "Retrieve" button to retrieve the access level details from the controllers



NOTE: System Administrator can also execute the command feature by highlighting on the access level and right click to proceed to the commands

View Access Level

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name	Description
0	No Access
1	Full Access
2	HBR access level

Total: 3

Accessible Door

Door	Description	In Time Zone
End Entrance		1 - 24 Hours Active
Main Door		1 - 24 Hours Active

Total: 2

Command

Send Delete Retrieve

Add [F2]

To add new access level into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Access Level - Add

Name:

Description:

Door	Description	In Time Zone

Accessible Door (Total: 0)

[0 - Not Active](#)

Door	Description
2nd Entrance	
AlarmCon1	
Main Door	
NMINI	

Available Door (Total: 4)

1. Enter a preferred name for access level in numeric format (max. 255, any number bigger than 255 entered will be automatically altered to 255)
2. Enter the description for this lift access level
3. In "Available Door" listing (System will list all door controllers available in the system), highlight which door controller to be included in the access level
4. Click "Add" button to move the door controller to "Accessible Door" list
5. By default, once a door controller is in "Accessible Door" list, it is preset to "Timezone - 1" which is 24 hour fully accessible. To change to other timezone, click on the link, timezone listing will pop-up, highlight the new timezone, click "Select" to select the new timezone, if the desired timezone is not in the list, administrator may add new timezone by clicking on "Add" button to start adding process. Please refer to "Timezone" menu for details
6. Select "Save and Close" if you finish with adding new access level, select "Save and New" if you wish to add more access level or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing access level in the system. Highlight on the access level and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Access Level - Edit

Name: 2

Description: H&R access level

Door ▲	Description	In Time Zone
2nd Entrance		1 - 24 Hours Active
Main Door		1 - 24 Hours Active

Accessible Door (Total: 2)

[0 - Not Active](#)

Door ▲	Description
AlarmCon1	
NMINI	

Available Door (Total: 2)

1. Edit access level description.
2. Change the predefined accessible door and timezone.
3. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing access level setting in the system. Highlight on the access level and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected access level.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the access level listing.

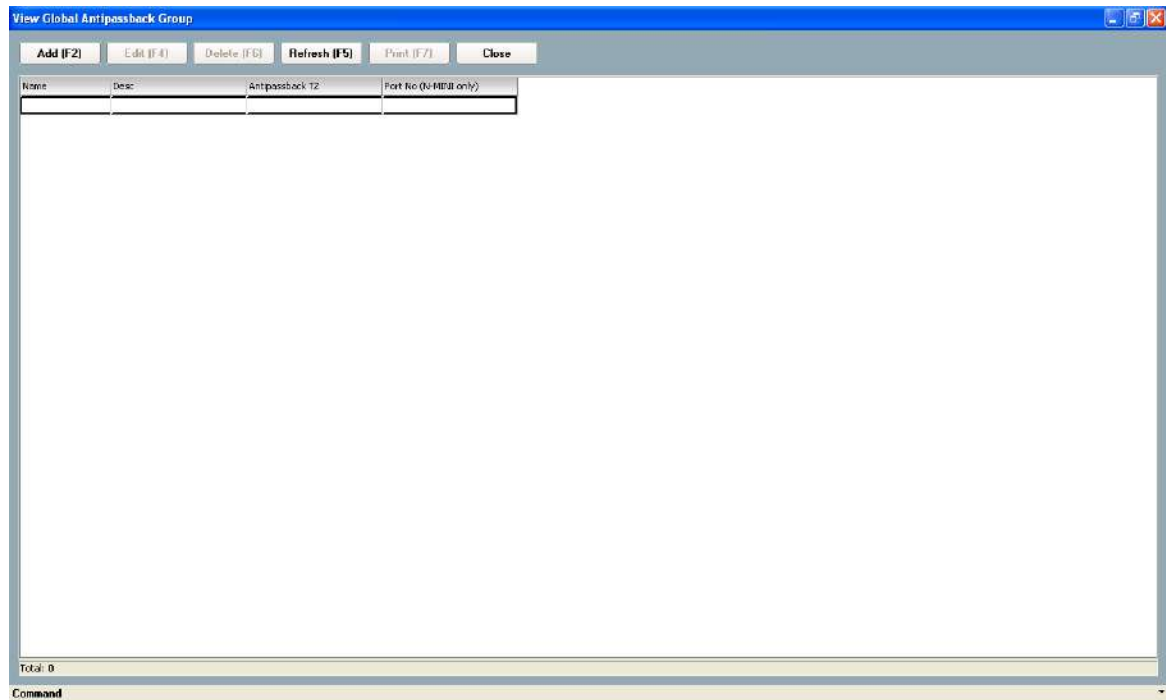
Print [F7]

Click the button or press the shortcut key "F7" to print the access level list to printer.

Close

Click to close the access level form.

14.1.8 Global Antipassback Group



Global Antipassback Group

This section allow system administrator to create global antipassback group for access control system application. Global Antipassback is a grouping that consists of multiple of controllers/doors that acts together in antipassback system under the monitoring of the Platform1 Server system. Antipassback system is a system where the the card holder need to perform a complete process by flashing IN and OUT when entering and exiting the door. If the card holder fail to perform one of the following process, the Online Transaction screen will show antipassback violation Entry/Exit on the latest event. Here is some clear example on how Global Antipassback system works:

These 4 doors are connected to Platform1 system and the global antipassback system is activated

*Door 1
Door 2
Door 3
Door 4*

If A user enter on Door 2, he/she can only exit on Door 2(antipassback system only), due to the Global Antipassback System, A user can also Exit either on Door 1, Door 3 or Door 4.



NOTE: System administrator need check to enable the global antipassback system under the SYSTEM > PREFERENCE menu in order for the Global Antipassback to work.



NOTE: When Platform1 Server did not startup, global antipassback system will not work unless the group consists of N-MINI controllers (Does not require Platform1 Server for monitoring and broadcasting transaction event purposes)

The system will automatically send a "Clear Antipassback" command to controller which will be shown on the ONLINE TRANSACTION when the following event occurs:

- *When Platform1 start up. (Only if the Global Antipassback is enabled in the CONTROL PANEL>SYSTEM>PREFERENCE)*
- *When Global Antipassback feature under the CONTROL PANEL>SYSTEM>PREFERENCE is enabled or disabled.*
- *When Global Antipassback Group is added, edited or deleted.*
- *When Global Antipassback Group setting for a controller is modified.*

On bottom of the Global Antipassback Group menu, system administrator can double click on the **Command** bar to pop out the command bar feature.

Send - Highlight on the selected Global Antipassback group and click "Send" button to send the Global Antipassback group details to the controllers that belong to the group

Retrieve - Highlight on the selected Global Antipassback group and click "Retrieve" button to retrieve the Global Antipassback group details from the controllers that belong to the group



NOTE: System Administrator can also execute the command feature by highlighting on the Global Antipassback Group and right click to proceed to the commands

Name	Desc	Antipassback TZ	Port No (N-MINI only)
APG 1	antipb group 1	1 - 24 Hours Active	20300

Total: 1

Command

Send Retrieve

Add [F2]

To add new global antipassback group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Global Antipassback Group - Add

Name:

Description:

Antipassback TZ: [0 - Not Active](#)

Port No. (N-MINI only) 0 = Not used

Save and Close Save and New Cancel

1. Enter a name for the global antipassback group.
2. Enter global antipassback group description.
3. Select the antipassback timezone.
4. Assign the port number for the global antipassback group if the group consists of N-MINI controllers only.

5. Click on "Save and Close" to close the add form or "Save and New" if you have other global antipassback group to be added.



NOTE: N-MINI controller cannot group with other controller model under the same Global Antipassback Group. N-MINI can only group among the N-MINI controllers only. The maximum number of N-MINI controller can be supported in 1 Global Antipassback Group is only 16 controllers per group whereby if the group is other controller model besides N-MINI, the group members is unlimited.

Edit [F4]

To edit existing global antipassback group in the system. Highlight on the global antipassback group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Global Antipassback Group - Edit

Name:

Description:

Antipassback TZ:

Port No. (N-MINI only) 0 = Not used

1. Edit global antipassback group description.
2. Change predefined timezone.
3. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing global antipassback group setting in the system. Highlight on the global antipassback group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected global antipassback group.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the global antipassback group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the global antipassback group list to printer.

Close

Click to close the global antipassback group form.

14.1.9 Instruction/Comment

The screenshot shows a software window titled "View Instruction". At the top, there are buttons for "Edit (F4)", "Clear (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below these is a table with three columns: "Transaction Code", "Transaction Description", and "Priority". The table lists various transaction codes (A0 to AP) and their corresponding descriptions and priorities. Below the table, there is a "Total: 44" label. The main area of the window is divided into two sections: "Instructions" and "Comments", both of which are currently empty. At the bottom, there is a "Wave File" section with a play button and a "Status" label.

Transaction Code	Transaction Description	Priority
A0	Fire input 7 is triggered	Normal
A1	Fire input 8 is triggered	Normal
Ae	Alarm Relay is triggered	Normal
Al	Duress Alarm is triggered	Normal
Ak	Reader is tampered	Normal
Al	Digital input 1 is triggered	Normal
Am	Digital input 2 is triggered	Normal
An	Digital input 3 is triggered	Normal
AO	Digital input 4 is triggered	Normal
AP	Supervise input 1 is triggered	Normal

Total: 44

Instructions

Comments

Wave File

Status

Instruction/Comment

This section allow system administrator to assign instruction and comment for every crisis transaction (alarm, fire, i/o, controller status and etc) in the system.

These crisis transactions will be showing up on the ONLINE TRANSACTION screen and also on the ALARM popup button once the controller detected any of the transaction code that display on the menu listing. Each of the transaction code is showing different event. System Administrator can assign an instruction, comment and priority level on the selected transaction code/description.

Edit [F4]

To edit existing instructions/comments in the system. Highlight on the selected code and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Instructions/Comments - Edit

Name:

Description:

Priority: Normal

Instructions | Comments

Sound

Wave File:

Status:

Accept Cancel

1. Change the priority level base on the critical level of the transaction description .
2. Give an instructions and comments if necessary.
3. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Clear [F6]

To clear the instructions and comments for a selected code in the system. Highlight on the code and click on the button "Clear (F6)" or simply press the shortcut key "F6" to bring up the clear confirmation form.



1. Click on "Yes" to confirm the clear, or "No" if decided not to clear the selected instructions and comments.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the instructions/comments listing.

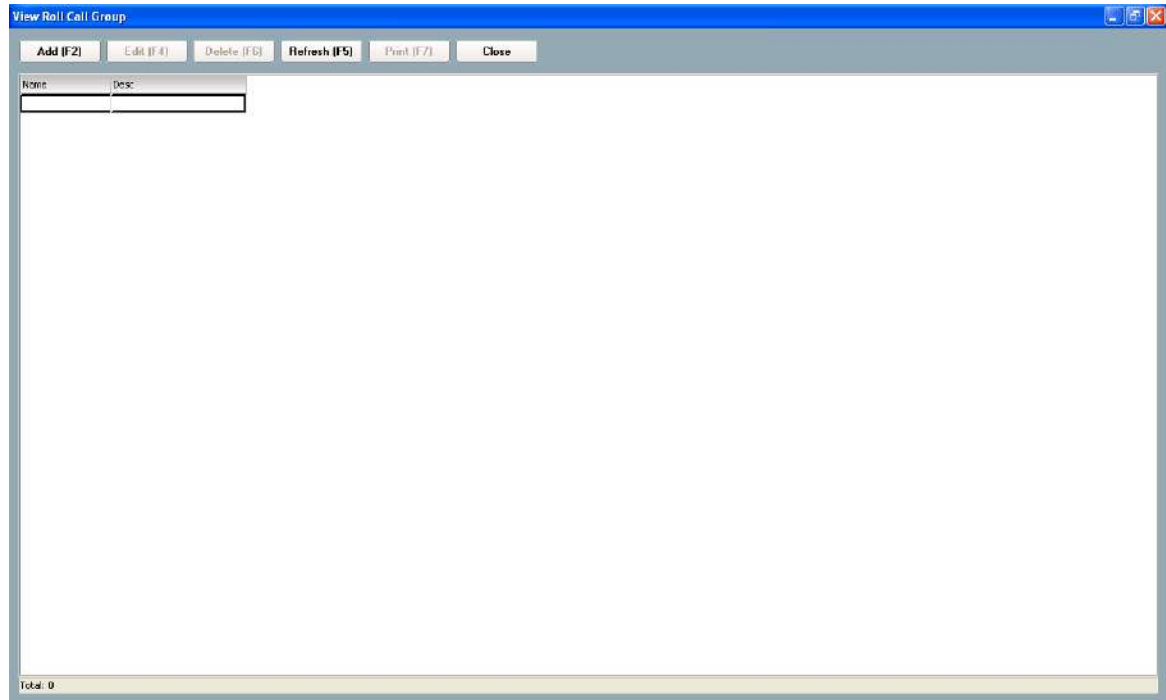
Print [F7]

Click the button or press the shortcut key "F7" to print the instructions/comments list to printer.

Close

Click to close the instructions/comments form.

14.1.10 Roll Call Group



Name	Desc

Total: 0

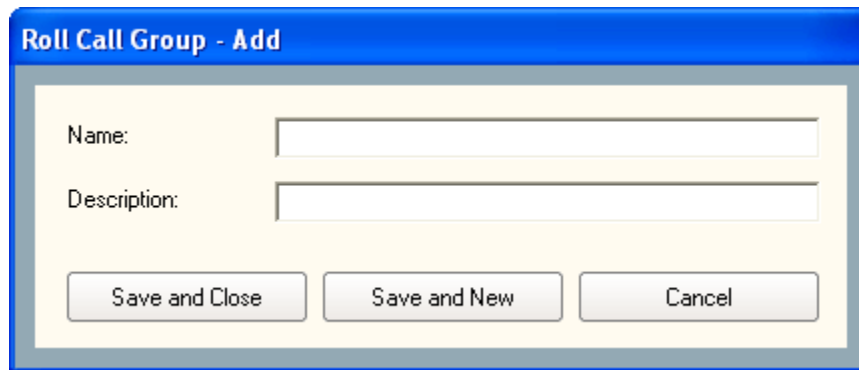
Roll Call Group

This section allow system administrator to create roll call group in the system.

Roll call group is a group that consists of multiple of doors that is used to monitor the total staff in that particular area. The system administrator can create multiple of roll call group base on the physical environment of the area. There are 2 ways to view the current staff status in the selected roll call group either in Roll Call report form or directly in the Roll Call tabbed menu selector.

Add [F2]

To add new roll call group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

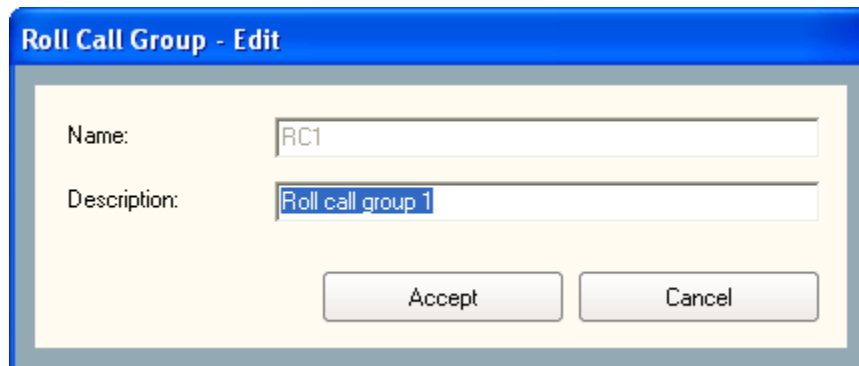


The dialog box titled "Roll Call Group - Add" has a blue header bar. Below the header, there are two text input fields. The first is labeled "Name:" and the second is labeled "Description:". At the bottom of the dialog, there are three buttons: "Save and Close", "Save and New", and "Cancel".

1. Enter a name for the roll call group.
2. Enter roll call group description.
3. Click on "Save and Close" to close the add form or "Save and New" if you have other roll call group to be added.

Edit [F4]

To edit existing roll call group in the system. Highlight on the roll call group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



The dialog box titled "Roll Call Group - Edit" has a blue header bar. Below the header, there are two text input fields. The first is labeled "Name:" and contains the text "RC1". The second is labeled "Description:" and contains the text "Roll call group 1". At the bottom of the dialog, there are two buttons: "Accept" and "Cancel".

1. Edit roll call group description.
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing roll call group setting in the system. Highlight on the roll call group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected roll call group.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the roll call group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the roll call group list to printer.

Close

Click to close the roll call group form.



NOTE: To assign the roll call group to door, go to Control Panel > System > Controller - "edit on the controller and go to "**Door Setting**" form to assign the door to the selected roll call group"

14.1.11 Fire Release Group

Group	Name

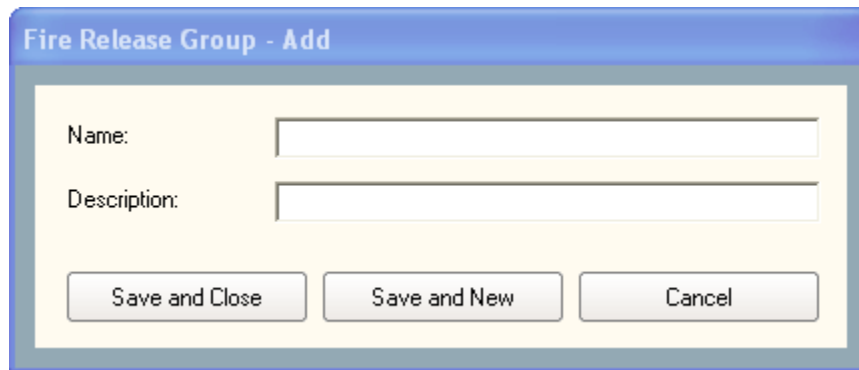
Fire Release Group

This section allow system administrator to create fire release group in the system.

With this fire release group, system administrator can assign which door to which fire group base on the environment. For example: If the system detected a fire is triggered from one of the fire input in fire release group 1, all the doors under the fire release group 1 will be fire release (security off) and those doors that are not in the same group will not be release (remain security on).

Add [F2]

To add new fire release group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

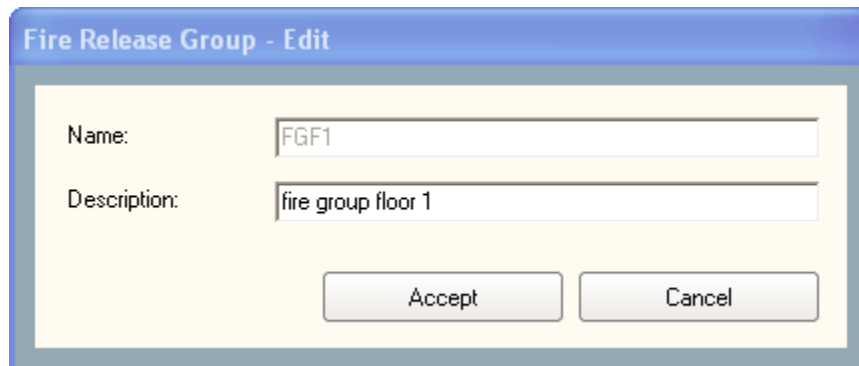


The dialog box titled "Fire Release Group - Add" has a light blue header. It contains two text input fields: "Name:" and "Description:". Below these fields are three buttons: "Save and Close", "Save and New", and "Cancel".

1. Enter a name for the fire release group.
2. Enter fire release group description.
3. Click on "Save and Close" to close the add form or "Save and New" if you have other fire release group to be added.

Edit [F4]

To edit existing fire release group in the system. Highlight on the fire release group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



The dialog box titled "Fire Release Group - Edit" has a light blue header. It contains two text input fields: "Name:" with the value "FGF1" and "Description:" with the value "fire group floor 1". Below these fields are two buttons: "Accept" and "Cancel".

1. Edit fire release group description.
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing fire release group setting in the system. Highlight on the fire release group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected fire release group.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the fire release group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the fire release group list to printer.

Close

Click to close the fire release group form.



*NOTE: To assign the fire release group to door, go to Control Panel > System > Controller - "edit on the controller and go to "**Door Setting**" form to assign the door to the selected fire release group"*

14.1.12 Access Group

The screenshot shows a window titled "View Access Group". At the top, there are buttons: "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the buttons is a table with two columns: "Name" and "Description". The table contains three rows: "N54_D1", "N54_D1_D2", and "N54_D3_D4". Below this table, it says "Total: 3".

Below the "Total: 3" is a section titled "Accessible Door" with a green header. It contains a table with three columns: "Door /", "Description", and "In Time Zone". The table contains two rows: "N54_D1" with "1 - 24 Hours Active" and "N54_D2" with "1 - 24 Hours Active". Below this table, it says "Total: 2". At the bottom of the window, there is a "Command" field.

Access Group

This section allow system administrator to create access group in the system.
Access group only applicable for the controller which support unlimited access level

With this access group, system administrator can assign which door is accessible at which time zone and different doors combined become an access group. This access group will then assign to the card. So the card holder will able to access the doors within the access group within the specific time zone.

For example, create an access group where the accessible door is Door 1 and Door 2. Assign this access group to Card A. So the card holder of Card A will be able to access Door 1 and Door 2.

Add [F2]

To add new access group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Access Group - Add

Name: 1

Description: 2

Door	Description	In Time Zone
N54_D1		2 - TimeZone2
N54_D2		512 - TZ-512
N54_D3		1 - 24 Hours Active
N54_D4		1 - 24 Hours Active

Accessible Door (Total: 4) 3

4

Available Door Listing | Incompatible Door Listing

Door	Description
n52_D1	
n52_D2	
S34_D1	
S34_D2	

Available Door (Total: 4) 5

1. Enter the name for the access group
2. Enter the access group description
3. This table will show the added accessible doors and their time zone
4. Add - Add the available door into the access group
 Add All - Add all the available door into the access group
 Remove - Remove the selected door in the table
 Remove All - Remove all the selected door in the table
 Change All TZ - Change all the time zone of the doors
5. Door Listing:
 Available Door Listing - A table show the door of the controller which support unlimited access
 Incompatible Door Listing - A table show the door of the controller which not support unlimited access

Edit [F4]

To edit existing access group in the system. Highlight on the access group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Delete [F6]

To delete existing access group setting in the system. Highlight on the access group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the interlock group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the interlock group list to printer.

Close

Click to close the access group form.

14.1.13 Interlocking Group

Name	Description
Interlocking	N5200 Only
Interlock 2	Cross Board

List of Controller(s) belong to Group Interlocking

1 - N5200

Total: 2

Interlock Group

This section allow system administrator to create interlock group in the system.

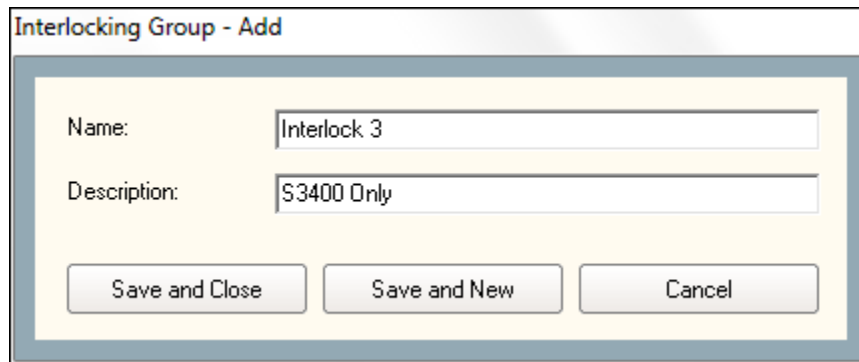
Interlock group only applicable for the controller which support Interlock. (e.g.: N5400, S3400, N5200, S3200, N5100, S3100)

When the controller is assigned to an interlock group, the controller's interlock function will be enabled.

Only one door can be opened in one time.

Add [F2]

To add new interlocking group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.



1. Enter the name for the interlocking group
2. Enter the interlocking group description

Edit [F4]

To edit existing interlocking group in the system. Highlight on the interlock group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Delete [F6]

To delete interlocking group setting in the system. Highlight on the interlock group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the interlock group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the interlock group list to printer.

Close

Click to close the interlocking group form.



NOTE: For Batch 4 onward HCB controller, user must enable the interlock features for controller (Under Controller Setting) and also interlock by door features (Under Door Setting)

14.1.14 Wiegand Group

Name ▲	Description	Card Bit Length	Conversion Type
W26	26bit	26	0
W32	32bit	32	0
W34	34bit	34	1
W35	35bit	35	1
W36	36bit	36	0
W37	37bit	37	1
W38	38bit	38	0
W40	40bit	40	0
W60	60bit	60	0
W64	64bit	64	0

Total: 10
Command ▼

Wiegand Group

This section allow system administrator to create custom Wiegand format for the system. Wiegand group only applicable for N5400, S3400, N5200, S3200, N5100, S3100 and L3800

Add [F2]

To add new Wiegand group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

The screenshot shows the 'Wiegand Group' configuration window. At the top is a 'Raw Bit(s)' display showing a sequence of 0s and 1s. Below it is a 'Hints' section with a 'Read' button. The main configuration area includes fields for 'Name' (W26) and 'Description' (26bit), with a 'Load Default Value' button. The 'Card Bit(s)' section has a 'Card Bit Length' dropdown (26), a 'Use Facility/ Site Code' checkbox (checked), and radio buttons for 'Basic Configuration' (selected) and 'Advance Configuration'. Under 'Basic Configuration', there are 'Facility Bit(s)' and 'Card Bit(s)' sections, each with 'From Bit' and 'To Bit' dropdowns. Below these are 'Facility Code' and 'Card Code' input fields, with a 'Populate' button. The 'Parity Bit(s)' section has dropdowns for 'Even Parity' and 'Odd Parity', each with 'From Bit', 'To Bit', and 'Parity Bit Position' fields. A 'Conversion Type' section has radio buttons for 'No Conversion (Captured from Card Code)', 'Facility Code + Card Code', and 'Trimming (Trim 1st 4 digits from Card Code)'. At the bottom are 'Accept' and 'Cancel' buttons. A note at the bottom states: 'NOTE: Parity Bit settings only applicable for Phase 4 or above.' Numbered callouts 1 through 14 point to specific UI elements: 1. Raw Bit display, 2. Read button, 3. Name field, 4. Description field, 5. Card Bit Length dropdown, 6. Use Facility/ Site Code checkbox, 7. Basic Configuration radio button, 8. Advance Configuration radio button, 9. Facility Bit(s) From Bit dropdown, 10. Facility Bit(s) To Bit dropdown, 11. Card Code input field, 12. Parity Bit Position dropdown, 13. Conversion Type radio buttons, 14. Load Default Value button.

1. Raw Bit - Show the raw bit of the card
2. Read - Read the last card's data captured from specific reader
3. Name - Wiegand Group name
4. Description - Wiegand Group description
5. Card Bit Length - Wiegand card bit format (Available format: 26, 32, 34, 35, 37)
6. Use Facility/Site Code - Tick it Wiegand format is required facility/site code
7. Basic Configuration - Facility Bit and Card Bit is configured by start bit and end bit
8. Advance Configuration - Facility Bit and Card Bit is configured bit by bit
9. Facility Bits - Select the start bit and end bit of the facility code
10. Card Bits - Select the start bit and end bit of the card number
11. Populate - To populate and show the result of the facility code and card code after configuration. After populate, the Raw Bit column background color will change to which criteria is chosen where Facility Code column will be light blue while Card Code will be dark blue
12. Parity Bit - Select the Even and Odd Parity Bit for the Wiegand format
13. Conversion Type - Select the conversion type (Available type: No conversion, Fac+Card, Trimming)
14. Load Default Value - After select the Card bit length (Only 26, 32, 34, 35, 37-bit), then click "Load Default Value" to generate the default Wiegand format for specific card bit

Edit [F4]

To edit existing Wiegand group in the system. Highlight on the Wiegand group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Delete [F6]

To delete Wiegand group setting in the system. Highlight on the Wiegand group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Click or press the shortcut key "F5" to refresh the Wiegand group listing.

Click the button or press the shortcut key "F7" to print the Wiegand group list to printer.

Click to close the Wiegand group form.

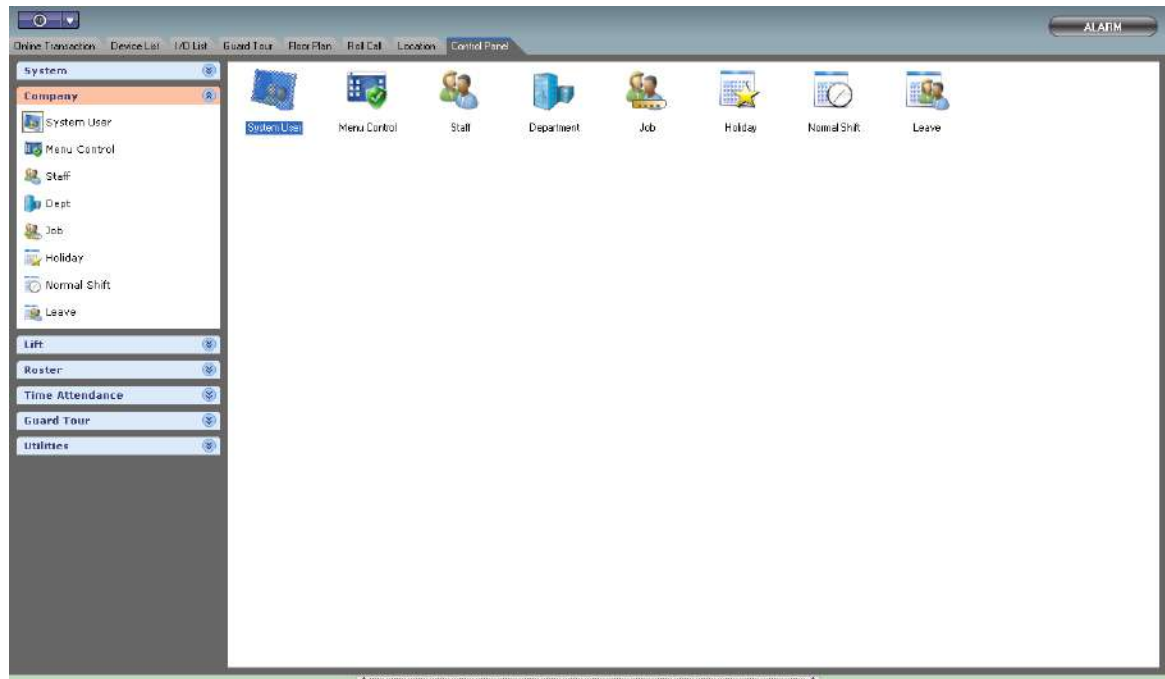
[illegible]

1. Flash the card on the reader (e.g.: reader n54_r1)
2. Click 'Read' to read the raw bit data of the captured card
3. Give a name and description by filling in the 'Name' and 'Description' text box
4. The system will automatically detect the Card Bit Length or user can select or type the 'Card Length' (e.g: 26 Bit)
5. Tick the check box of 'Use Facility/Site Code' if required the facility code, else un-tick the check box
6. Choose the start bit and end bit of the facility code bit, if previously the facility code is enabled, chose the start bit and end bit as 'FF'
7. Choose the start bit and end bit of the card bit
8. Click 'Populate' to obtain the facility code and card code in binary and decimal format

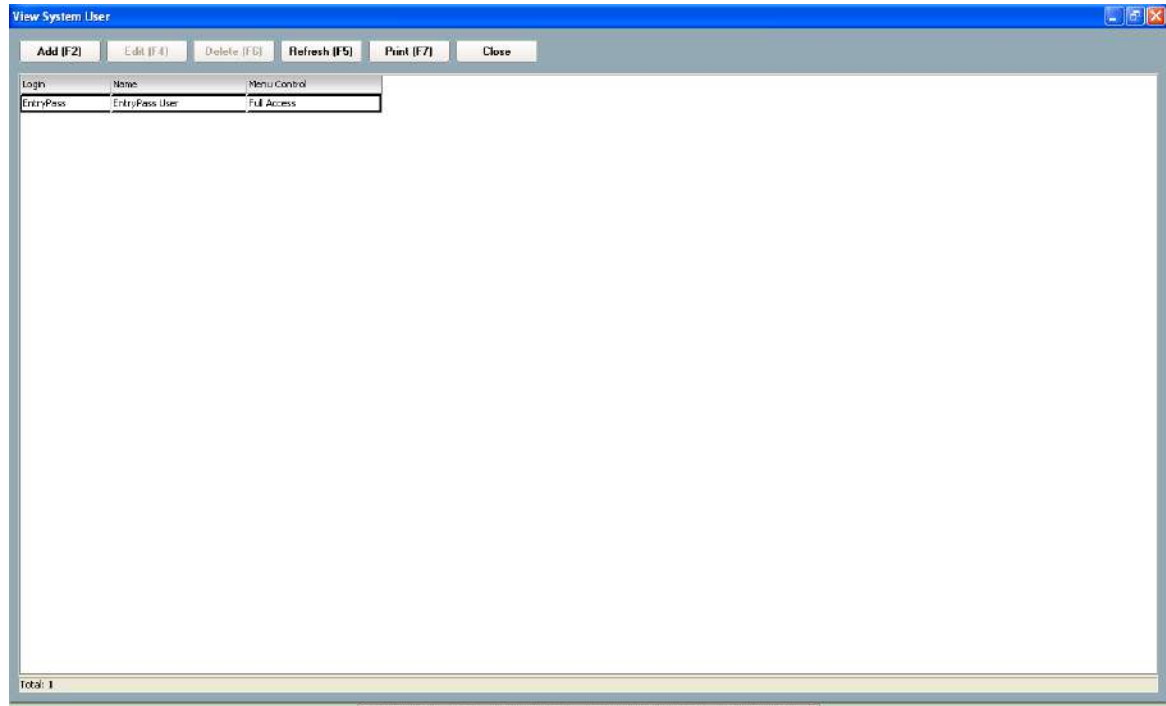
The Raw Bit column background color will change to which criteria is chosen where Facility

10. Click 'Populate' to obtain the facility code and card code in binary and decimal format
The Raw Bit column background color will change to which criteria is chosen where Facility Code column will be light blue while Card Code will be dark blue
11. Choose the Even and Odd Parity Bit
12. Choose the conversion type for the format of card number
13. Click 'Save and Close' to exit the configuration windows and save the configuration

14.2 Company



14.2.1 System User



System User

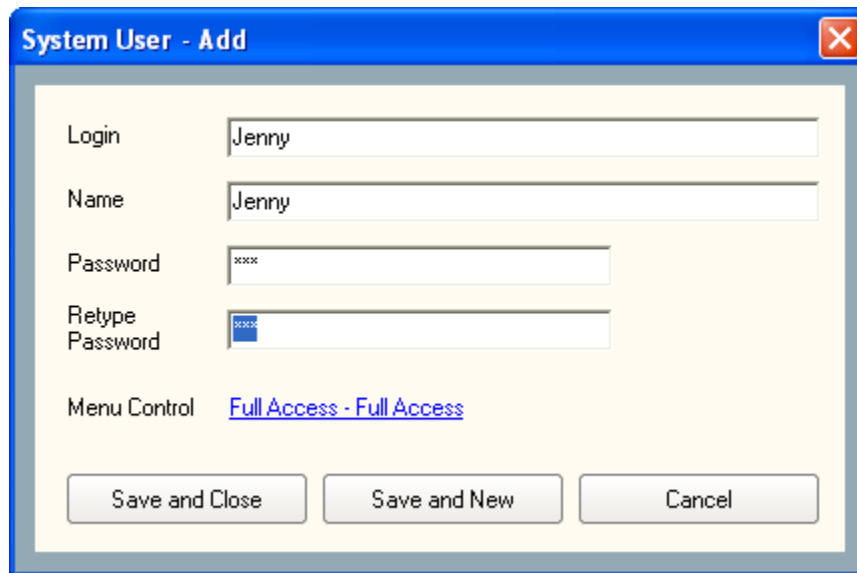
This section allow system administrator to create additional system user.

Default Username = EntryPass (Non-Editable)

Default Password = EntryPass (Changeable via Utility Menu)

Add [F2]

To add new system user into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.



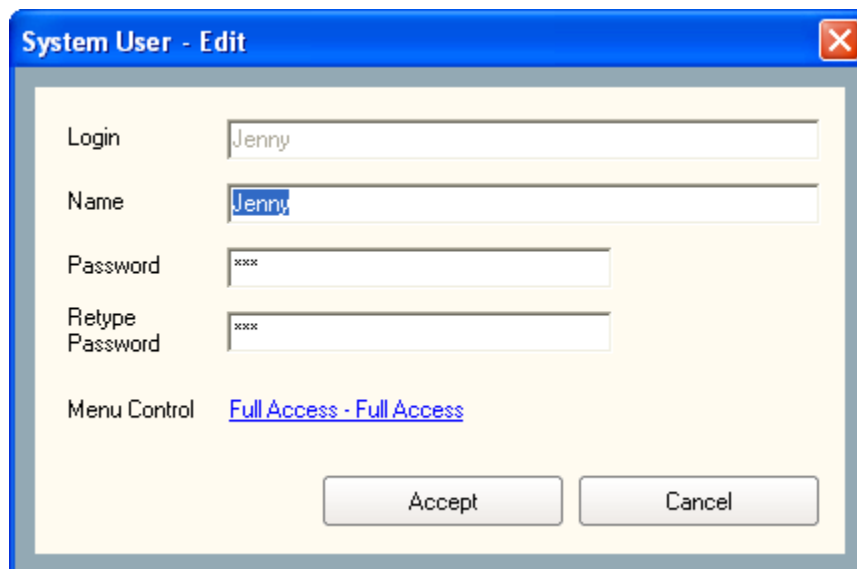
The "System User - Add" dialog box is shown. It has a blue title bar with a close button. The form contains the following fields and controls:

- Login: Text field with "Jenny"
- Name: Text field with "Jenny"
- Password: Password field with masked characters "xoxox"
- Retype Password: Password field with masked characters "xoxox"
- Menu Control: Text field with the value [Full Access - Full Access](#)
- Buttons: "Save and Close", "Save and New", and "Cancel"

1. Enter a preferred username in login field
2. Enter the real name of the system user
3. Enter a preferred password
4. Re-enter preferred password as confirmation
5. Select system user menu accessibility. (See "Menu" for more information)
6. Select "Save and Close" if you finish with adding new system user
7. Select "Save and New" if you wish to add more system user.
8. Select "Cancel" to discharge the adding process

Edit [F4]

To edit existing system user in the system. Highlight on the system user and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



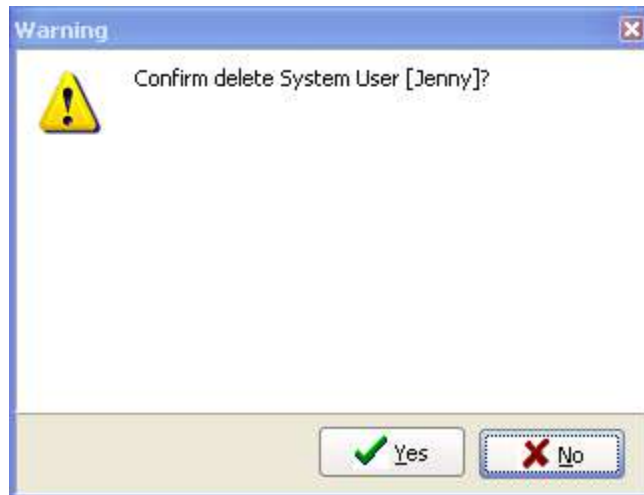
The "System User - Edit" dialog box is shown. It has a blue title bar with a close button. The form contains the following fields and controls:

- Login: Text field with "Jenny"
- Name: Text field with "Jenny" (highlighted)
- Password: Password field with masked characters "xoxox"
- Retype Password: Password field with masked characters "xoxox"
- Menu Control: Text field with the value [Full Access - Full Access](#)
- Buttons: "Accept" and "Cancel"

1. *Change the necessary fields*
2. *Click on "Accept" to save the changes or "Cancel" discharge the changes.*

Delete [F6]

To delete existing system user in the system. Highlight on the system user and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. *Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected system user.*

Refresh [F5]

Click or press the shortcut key "F5" to refresh the system user listing.

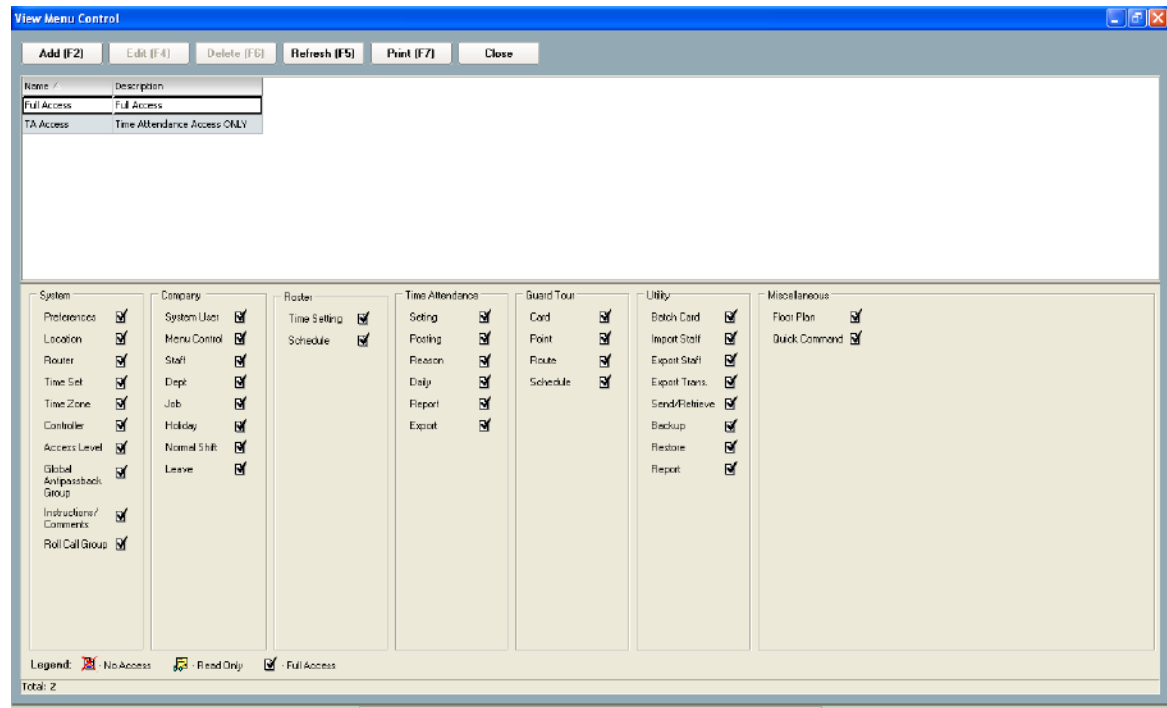
Print [F7]

Click the button or press the shortcut key "F7" to print the system user list to printer.

Close

Click to close the system user form.

14.2.2 Menu Control



Menu Control

This section allow system administrator to create menu control for to apply to system user profile.

There are Three (3) levels of control can be applied to the user profile

- **No Access**
Once applied, user will be prohibited to access to the particular menu
- **Read Only**
Once applied, user will be able to read the contents of the menu, but not modifying the contents
- **Full Access**
Once applied, user is granted with full access right to the menu contents

Add [F2]

To add new menu control profile into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Menu Control - Add

Name:

Description:

System | Company | Roster | Time Attendance | Guard Tour | Utility | Miscellaneous

Preferences	No Access
Location	No Access
Router	No Access
Time Set	No Access
Time Zone	No Access
Controller	No Access
Access Level	No Access
Global Antipassback Group	No Access
Instructions/Comments	No Access
Roll Call Group	No Access

Save and Close Save and New Cancel

1. Enter a preferred menu control name
2. Enter the description of the menu control
3. Select preferred access right for each individual functions available in the system
4. Select "Save and Close" if you finish with adding menu control profile
5. Select "Save and New" if you wish to add more menu control profile
6. Select "Cancel" to discharge the adding process

Edit [F4]

To edit existing menu control profile in the system. Highlight on the menu control profile and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Menu Control - Edit

Name:

Description:

System | Company | Roster | Time Attendance | Guard Tour | Utility | Miscellaneous

Preferences:

Location:

Router:

Time Set:

Time Zone:

Controller:

Access Level:

Global Antipassback Group:

Instructions/Comments:

Roll Call Group:

Accept Cancel

1. Change the necessary fields
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing menu control profile in the system. Highlight on the menu control profile and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected menu control profile.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the menu control profile listing.

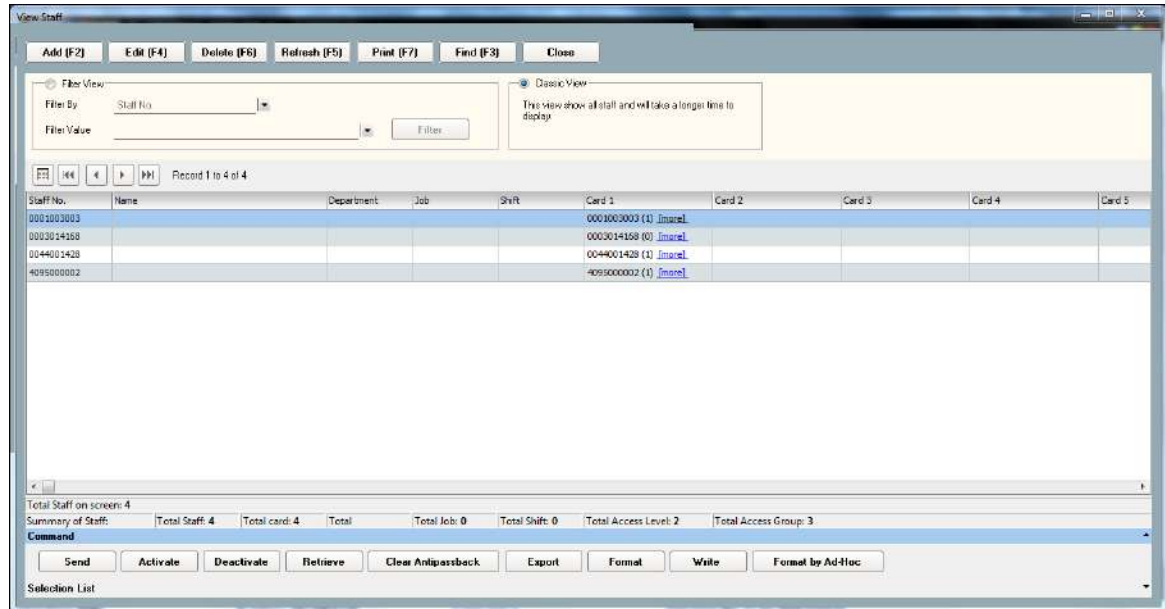
Print [F7]

Click the button or press the shortcut key "F7" to print the menu control profile list to printer.

Close

Click to close the menu control profile form.

14.2.3 Staff



Staff

This section allow system administrator to create staff member for the company. There are 2 types of staff viewing:

Classic view - To show all the list of the staff members on the system

Filter view - To show the specific staff with filtering option (staff no, name, card no, department and job)

On bottom of the staff menu,system administrator can view the summary of the staff:

Total staff - To show the total of staff in the system

Total card - To show the total of card installed in the system

Total department - To show the total of the department in the system

Total job - To show the total of the job in the system

Total shift - To show the total of the shift in the system

Total access level - To show the total of the access level in the system

Total access group - To show the total of the access group in the system

Command Bar (located on the bottom left of the staff menu)

Command bar is a quick way for the system administrator to perform a certain task (quick task) such as activate or deactivate the card. Double click on the Command bar to pop out the command bar lists.

Send - Highlight on the selected staff member and click "Send" button to send the staff member records to the controllers

Activate - Highlight on the selected staff member and click "Activate" button to activate the staff member cards to the controllers

Deactivate - Highlight on the selected staff member and click "Deactivate" button to deactivate the staff members cards from the controllers

Retrieve - Highlight on the selected staff member and click "Retrieve" button to retrieve the staff details from the controllers

Clear Antipassback - Highlight on the selected staff member and click "Clear Antipassback" button to clear the antipassback for the staff if the staff is already barred from entering or existing the particular door due to the antipassback violation.

Export - Highlight on the selected staff member and click "Export" button to export out the staff member particular details (The setting of the Export Staff is located in Control Panel > Utilities > Export Staff)

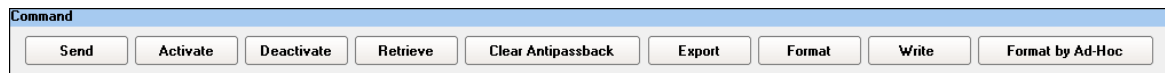
Format - Format the Card according to the card number using SmartCard Reader

Write - Write the template into the Card using SmartCard Reader

Format by Ad-Hoc - Format the any Card using Smartcard Reader



NOTE: System Administrator can also execute the command feature by highlighting on the staff member and right click to proceed to the commands



Add [F2]

To add new staff member into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Staff No. ☐ Use Running No.

Name

IC No.

Gender ☒ Male ☐ Female

Date of Birth

Date of Join

Department ☒

Job ☒

Shift Type ☒ Normal ☐ Roster

Shift ☒

Resign ☐ No

Date of Resign

Photo

No photo

(Best fit: 150 * 150)

Last Modified Date: -

☐ Export staff's record

• Personal Data

1. Enter a preferred staff number (it must be unique throughout the system)
2. Enter the real name of the staff member
3. Enter the identity card number of the staff member
4. Select the gender of the staff member
5. Select date of birth of the staff member from the drop down calendar
6. Select date of join of the staff member from the drop down calendar
7. Select department which the staff member belong to (click on the link, department listing will pop-up, highlight the desired department, click "Select" to select the department, if the desired department is not in the list, administrator may add new department by clicking on "Add" button to start adding process. Please refer to "Department" menu for details)
8. Select staff member job title (click on the link, job title listing will pop-up, highlight the desired job title, click "Select" to select the job title, if the desired job title is not available, administrator may add new job title by clicking "Add" button to start adding process. Please refer to "Job" menu for details)
9. Select shift type to apply to staff member
10. Select shift which the staff member belong to (click on the link, shift listing will pop-up, highlight the desired shift, click "Select" to select the shift, if the desired shift is not available, administrator may add new shift by clicking "Add" button to start adding process. Please refer to "Shift" menu for details)
11. Tick to Yes if the staff member already resign

12. Select date of resign of the staff member from the drop down calendar
13. Tick on Use Running No if the system administrator wish to organize the staff no. in department form and in running number form (etc: HR1 ..HR2 ...HR3...). If the system administrator is creating the next staff member that is also fall under the HR department where this department already have 3 staffs with the following staff number: HR1 , HR2 and HR3, just TICK on the running no. and the staff no. will automatically be filled with **HR4** when system administrator select the HR department
14. Load the photo by clicking on the SELECT SOURCE button and the best fit size for the photo is 150*150 (Only BMP, JPG and GIF files supported)
15. User can browse a picture and crop a selected area to be uploaded by left click and drag the area you wish to crop
16. User can resize the big photo to 150x150 size by select BEST Fit button
17. Click ACCEPT to confirm and exit the photo loader or CANCEL to quit the photo loader without saving the photo.



18. Tick on the Export staff's record if the system administrator wish to keep a copy of the staff member details. This Export Staff Record will automatically performed when there are a changes on the staff member particular details. (MUST set the Export Staff settings first before using it and the location of it is under the Control Panel > Utilities > Export Staff)
19. Proceed to the next tab by clicking on card data tab to enter staff member's card data and related information

• Card Data

Each staff member allow to have up to 6 cards in their profile, to start adding card, follow the procedures below.

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

General | Lift

Card No.	Card Type	Pin No.	Start Date	End Date	Access Level

Total: 0 of 6

Access Group	Description

Add Edit Delete

Last Modified Date: -

☐ Export staff's record

Save and Close Save and New Cancel

20. Click "Add" button at the bottom of the screen

General

Card - Add

Card No. ☐ Scan From Reader
☐ Scan From Writer

General | Lift

Card Type

Pin No.

Start Date

End Date

Accessibility ☒

Buddy Mode ☐ No Buddy No

Antipassback ☒ Yes

Activate ☒ Yes

21. Enter the card number

22. Check the Scan From Reader if the system administrator wants the system to automatically fill in the card number by flashing the card on any of the Card Reader attached on the controller instead of entering the card number on the Card No slot.

23. Enter the card type

- Normal - Access Card (For access control purposes only)
- Master - Master Card (For access control purposes and it can bypass the antipassback system and also Card+Pin system)
- Special - Arm / Disarm (For alarm monitoring arm / disarm purposes)

24. Enter Pin Number for "Card + Pin" mode (Is a individual 6 digits pin range from 000001 until 999999)

25. Enter the start date of the card which allow to be used

26. Enter the end date of the card which going to be expired

Configure Accessibility

Access Level: 1 Full Access ☒ A

Access Group (s) + B

Accessible Access Group	Description
N54_D1_D2	
N54_D3_D4	

C

Total: 2

Add Add All Remove Remove All D

Available Access Group	Description
N54_D1	

E

Total: 1

Accept Cancel

27. Select desired access level or access group (click on the link, access level or access group listing will pop-up, highlight the desired access level or access group, click "Select" to select the access level, if the desired access level is not available, administrator may add new access level by clicking "Add" button to start adding process. Please refer to "Access Level" or "Access Group" menu for details)

A. Access Level selection - Select an access level to assign to the card for the controller not support unlimited access

B. Add new Access Group - Click the button to add a new access group

C. Added Access Group - A table shows a list of added access groups which will assign to the card

D. Selection Buttons

- Add: Add the available access group to the card
- Add All: Add all the available access group to the card
- Remove: Remove the added access group from the card
- Remove All: Remove all the added access group from the card

E. Available Access Group - A table which lists down all the access groups

28. Checked on the Buddy Mode to enable this card as a buddy mode card and select the Buddy group no. from 1 - 255 numbers only. Note: buddy no. 1 is an admin number where no. 1 can pair up with any other buddy group no. such as 2, 3, 4 and so on whereby other buddy no. (except no. 1) can only be paired up with their own group number.

29. Checked on the Antipassback to enable this card as an antipassback card.

30. Checked on the Activate to activate the card, Uncheck if you prefer to activate it later. (By default, it is already been checked)



NOTE: For Biometric Integration, Card Number "1" is pre-configured as Admin Card Number

Lift

28. Click the checkbox if you want to use the same card for elevator access

29. Enter the start date of the card which allow to be used

30. Enter the end date of the card which going to be expired

31. Select desire lift access level (click on the link, access level listing will pop-up, highlight the desired lift access level, click "Select" to select the access level, if the desired lift access level is not available, administrator may add new access level by clicking "Add" button to start adding process. Please refer to "Lift Access Level" menu for details)

32. Activate the lift card immediately by click on the checkbox, once a card is activated, it can be used immediately. Uncheck if you prefer to activate it later. (By default, it is already been tick)

33. Click "Add and Close" if you finished with adding new card, click "Save and New" if you wish to add more cards for this staff member or click "Cancel" to stop the process.

• User Define Fields

Please define the field name in the "SYSTEM > Preferences > User Defined Field". Once defined, the defined field name will reflects here. Filled up the fields

Preferences - View

Miscellaneous	PELCO Video Matrix Integration	N-K
System	Alarm	User Defined Field
UDF1	Marital Status	
UDF 2	Car Plat no.	
UDF 3	H/P no.	
UDF 4		
UDF 5		
UDF 6		
UDF 7		

Staff - Add

Personal Data	Card Data	User Defined Field	TA User Login	Fingerprint
UDF 1				
UDF 2				
UDF 3				
UDF 4				
UDF 5				
UDF 6				
UDF 7				
UDF 8				
UDF 9				
UDF 10				

Last Modified Date: -

☐ Export staff's record

Save and Close Save and New Cancel

- **TA User Login**

This section define Time and Attendance (TA) login user name. With the define of this user login name, staff member can remotely login to the system as TA user to view their TA report.

Two (2) user type available:-

- **Normal**

With this user type, staff member can only view their own TA report.

- **Administrator**

With this user type, staff member acts as an administrator in TA activities, and one will be able to view all staff member's TA activities which has been assigned under your supervision.

By default, if selected as administrator, the staff member's home department will be assigned to this administrator, with that, all other staff member TA activities in this department will be under this administrator supervision. Check other departments if wants to assign multiple department under the same administrator (eg: HR admin can have all departments TA activities supervision right).

The screenshot shows a web application window titled "Staff - Add". It contains several tabs: "Personal Data", "Card Data", "User Defined Field", "TA User Login" (which is selected), and "Fingerprint". The "TA User Login" tab has the following fields and options:

- Login Name:** A text input field.
- Password:** A text input field.
- User Type:** Two radio buttons, "Normal" (selected) and "Admin".
- Self Authorization:** A checkbox labeled "No" which is unchecked.
- Viewable Time Attendance records:** A section with two radio buttons: "Own" (selected) and "Everyone under the following departments".
- Department Selection:** A large empty rectangular box for selecting departments, accompanied by "Select All", "Unselect All", and "Refresh" buttons.

At the bottom of the form, there is a "Last Modified Date: -" label, an "Export staff's record" checkbox, and three buttons: "Save and Close", "Save and New", and "Cancel".

34. Enter the desired TA user login name
35. Enter the desired TA user login password
36. Select User type
37. Check if user allow to authorize their own time and attendance offences
38. Select departmental viewable TA records using the available checkbox.
39. Select "Save and Close" if you finish with adding staff member, select "Save and New" if you wish to add more staff member or select "Cancel" to discharge the adding process

• Fingerprint

This section is to allow user to configure the Operation Mode (Finger Only, Card + Finger, Card + Pin, Card Only), Enrollment Quality Acceptance (60 to 99), Enroll Template 01 and Template 02

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | **Fingerprint**

Operation Mode: Finger Only

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	No
Template 02	No

Enroll Delete

Last Modified Date: -

☐ Export staff's record

Save and Close Save and New Cancel

40. Operation Mode:
 - Finger Only: Access using finger print
 - Card + Finger: Access by flashing card then finger print on Suprema Biometric Device
 - Card + Pin: Access by flashing card then enter the pin on Suprema Biometric Device (Only applicable to Supremat BioLite)
 - Card Only: Access by flashing card on Suprema Biometric Device
41. Select Template 01 or Template 02 then click "Enroll" to enroll a new fingerprint
42. Select Delete to clear the enrolled template

43. Adjust the Enrollment Quality Acceptance from 60 to 99



NOTE: For "Card + Finger" and "Card + Pin", at least one template is required



NOTE: For "Finger Only", "Card + Finger" and "Card + Pin" operation mode, a Desktop Enrollment Device is required



NOTE: For controller without Biometric Integration, Fingerprint configuration is not require



NOTE: For "Card + Finger", "Card + Pin", "Card Only" operation mode, a Smartcard Reader is required to perform Card Format and Write

Edit [F4]

To edit existing staff member profile in the system. Highlight on the staff member profile and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Staff - Edit

Personal Data | Card Data | User Defined Field | TA User Login

Staff No.

Name

IC No.

Gender ☐ Male ☒ Female

Date of Birth

Date of Join

Department Human Resources Department ☒

Job HR Manager ☒

Shift Type ☒ Normal ☐ Roster

Shift ☒

Resign ☐ No

Date of Resign

Photo

No photo

Load Clear

(Best fit: 150 * 150)

Last Modified Date: 23/10/2008 12:56

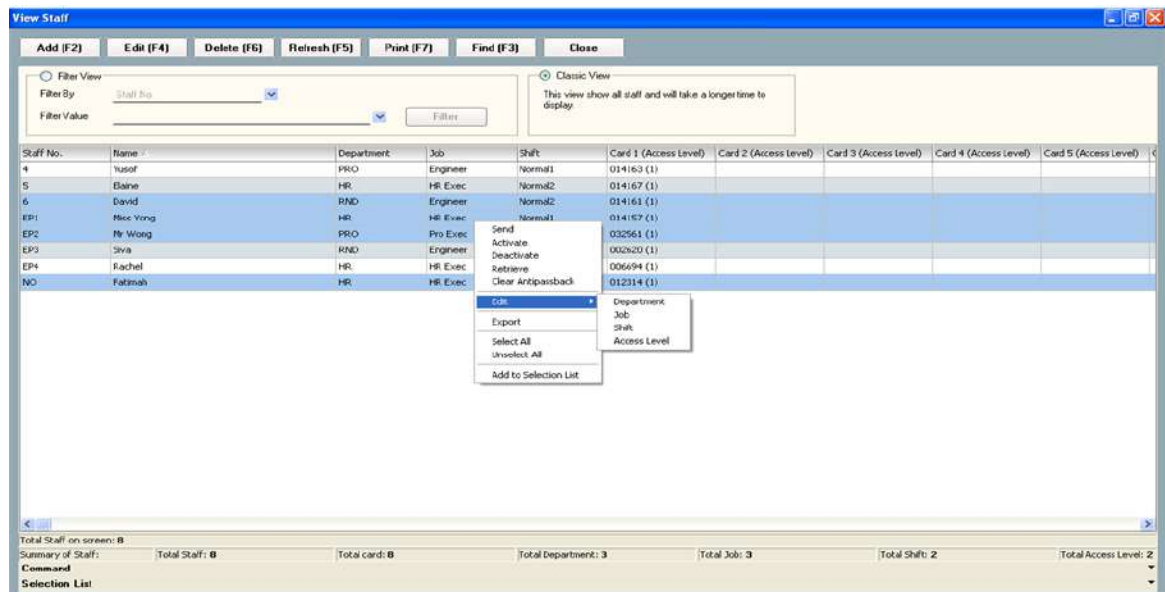
☐ Export staff's record

Accept Cancel

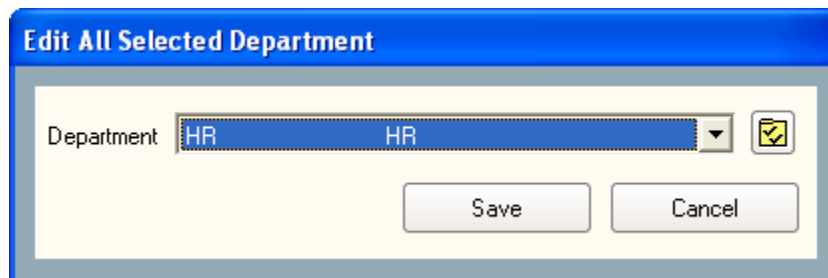
1. Change the necessary fields (**Staff no. cannot be modified once created**)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Group Edit

On the classic view where all the staff member will be listed out, system administrator can select multiple staff member to be edit by clicking [**Shift or Ctrl + mouse left click**] as shown on the diagram below:



Once the staff member have been selected, system administrator can perform on these few edit command by right click and go to "Edit":



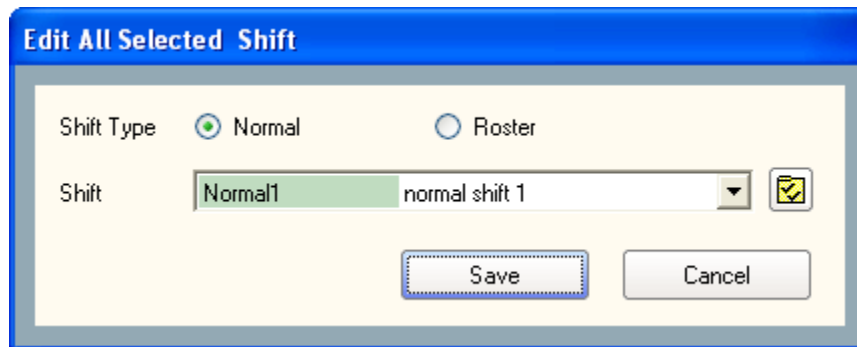
- **Group edit department**

1. Right click on the selected staffs to show up the command menu
2. Select the "Edit" to proceed into a new sub menu
3. Select "Department"
4. On the Department form, select the desire department to be changed
5. Click on "Save" button to save the new changes or "Cancel" button to discharge the changes



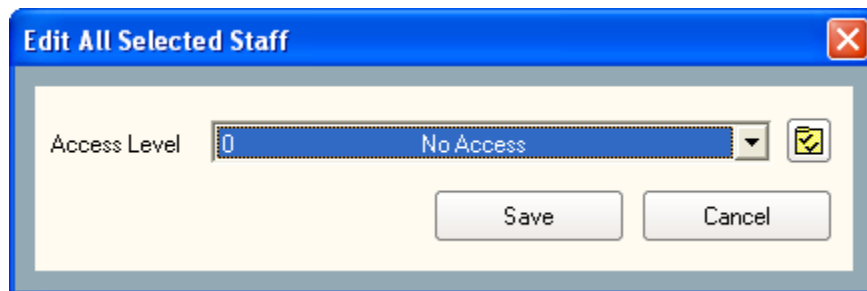
- **Group edit job**

1. Right click on the selected staffs to show up the command menu
2. Select the "Edit" to proceed into a new sub menu
3. Select "Job"
4. On the Job form, select the desire job to be changed
5. Click on "Save" button to save the new changes or "Cancel" button to discharge the changes



- **Group edit shift**

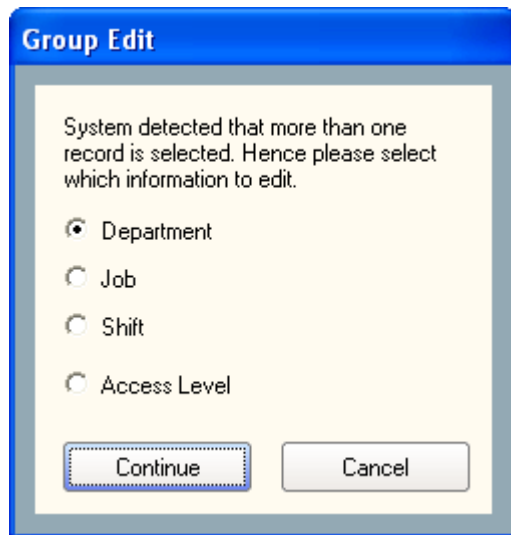
1. Right click on the selected staffs to show up the command menu
2. Select the "Edit" to proceed into a new sub menu
3. Select "Shift"
4. On the Shift form, select the desire shift to be changed
5. Click on "Save" button to save the new changes or "Cancel" button to discharge the changes



- **Group edit access level**

1. Right click on the selected staffs to show up the command menu
2. Select the "Edit" to proceed into a new sub menu
3. Select "Access Level"
4. On the Access Level form, select the desire access level to be changed
5. Click on "Save" button to save the new changes or "Cancel" button to discharge the changes

Or system administrator can directly click on the "Edit" button on top of the staff record list form to bring up the group edit form



1. Select which information to edit and click on "Continue" button to proceed or "Cancel" button to cancel the group edit.

Add To Selection List

If the staff record list is too long due to the number of staff that have in the system, system administrator may think that to multi select a group of staff to edit is not easy because administrator need to scroll and search for the staff member name. Therefore the system administrator can have another option which is "Add to selection list" where administrator can search for the staff member and add the staff to the selection list and then search again for the second staff member to be edit again and so on. When the staff member is being add to the selection list, a new list form will appear on the bottom of the staff record list as shown on the diagram below:

View Staff

Buttons: Add (F2), Edit (F4), Delete (F6), Refresh (F5), Print (F7), Find (F3), Close

Filter View

Filter By: Staff No. ☐ Filter Value: Filter

Classic View

This view show all staff and will take a longer time to display

Staff No.	Name	Department	Job	Shift	Card 1 (Access Level)	Card 2 (Access Level)	Card 3 (Access Level)	Card 4 (Access Level)	Card 5 (Access Level)
4	Yusuf	PRO	Engineer	Normal1	014163 (1)				
5	Elaine	HR	HR Exec	Normal2	014167 (1)				
6	David	RND	Engineer	Normal2	014161 (1)				
EP1	Miss Yong	HR	HR Exec	Normal1	014157 (1)				
EP2	Mr Wong	PRO	Pro Exec	Normal1	032561 (1)				
EP3	Siva	RND	Engineer	Normal1	002620 (1)				
EP4	Rachel	HR	HR Exec	Normal1	006694 (1)				
NO	Fatimah	HR	HR Exec	Normal1	012314 (1)				

Size panel: Drag up or drag down to re-size the selection list

Total Staff on screen: 8 Summary of Staff: Total Staff: 8 Total card: 8 Total Department: 3 Total Job: 3 Total Shift: 2 Total Access Level: 2

Selection List

Buttons: Edit, Delete

Staff No.	Name	Department	Job	Shift	Card 1 (Access Level)	Card 2 (Access Level)	Card 3 (Access Level)	Card 4 (Access Level)	Card 5 (Access Level)
EP1	Miss Yong	HR	HR Exec	Normal1	014157 (1)				
EP2	Mr Wong	PRO	Pro Exec	Normal1	032561 (1)				
4	Yusuf	PRO	Engineer	Normal1	014163 (1)				

The selected staff will be list out in HERE

Now system administrator can easily click and drag to select all the staff on the selection list or right click to select all and then click on the "Edit" button to bring up the group edit form:

	RND	Engineer	Normal2	014161 (1)				
	HR	HR Exec	Normal1	014157 (1)				
	PRO	Pro Exec	Normal1	032561 (1)				
	RND	Engineer	Normal1	002620 (1)				
	HR	HR Exec						
	HR	HR Exec						

Total card: 8

Total Job: 3 Total Shift: 2

Group Edit

System detected that more than one record is selected. Hence please select which information to edit.

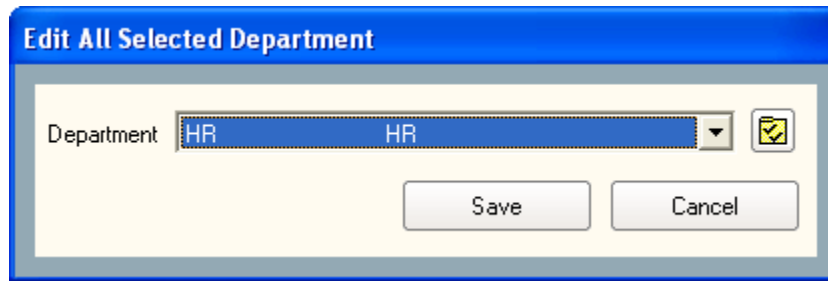
☒ Department
☐ Job
☐ Shift
☐ Access Level

Continue Cancel

Department	Job	Shift	Card 2 (Access Level)	Card 3 (Access Level)	Card 4 (Access Level)
HR	HR Exec				
PRO	Pro Exec				
PRO	Engineer	Normal1	014163 (1)		

1. Select which information to edit and click on "Continue" button to proceed or "Cancel" button to cancel the group edit.

If Department:



The dialog box is titled "Edit All Selected Department". It features a "Department" label followed by a dropdown menu currently showing "HR". To the right of the dropdown is a checkbox with a checkmark. Below the dropdown are two buttons: "Save" and "Cancel".

2. Select the new department for the selected staffs and click on "Save" button to change or "Cancel" button to cancel the changes

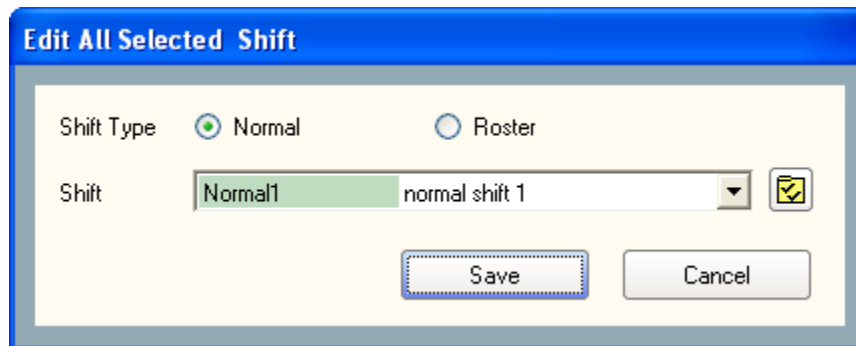
If Job:



The dialog box is titled "Edit All Selected Job". It features a "Job" label followed by a dropdown menu currently showing "HR Exec" with "HR Executive" displayed next to it. To the right of the dropdown is a checkbox with a checkmark. Below the dropdown are two buttons: "Save" and "Cancel".

3. Select the new job for the selected staffs and click on "Save" button to change or "Cancel" button to cancel the changes

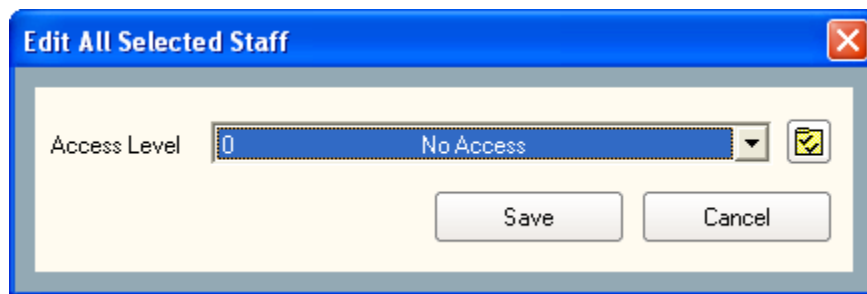
If Shift:



The dialog box is titled "Edit All Selected Shift". It features a "Shift Type" section with two radio buttons: "Normal" (selected) and "Roster". Below this is a "Shift" label followed by a dropdown menu currently showing "Normal1" with "normal shift 1" displayed next to it. To the right of the dropdown is a checkbox with a checkmark. Below the dropdown are two buttons: "Save" and "Cancel".

4. Select the new shift for the selected staffs and click on "Save" button to change or "Cancel" button to cancel the changes

If Access Level:



5. Select the new access level for the selected staffs and click on "Save" button to change or "Cancel" button to cancel the changes

SmartCard Format, Write, Format by Ad-Hoc Function

Staff No.	Name /	Department	Job	Shift	Card 1 (Access Level)	Card 2 (Access Level)	Card 3 (Access Level)	Ca
19444					019444 (1)			
51					004324 (1)			
ssss					000033 (1)			

Send
 Activate
 Deactivate
 Retrieve
 Clear Antipassback
 Edit
 Export
 Select All
 Unselect All
 Add to Selection List
 Format
 Write
 Format by Ad-Hoc

1. Right Click any Staff
2. Select "Format" to clear all information in the card
 - SmartCard Reader will check the card number. If card number valid, only it will format the card\
 - Select "Format" to perform card format action
 - Select "Skip" if don't want to perform Card Format
 - Select "Cancel" if wish to close the SmartCard Windows



3. Select "Write" to store the information into the card
 - SmartCard Reader will check the card number. If card number valid, only it will write the card
 - Select "Write" to perform card writing action
 - Select "Skip" if don't want to perform Card Write
 - Select "Cancel" if wish to close the SmartCard Windows



4. Select "Format by Ad-Hoc" to format any card without according to the card number
 - Select "Format" to perform card format action
 - Select "Skip" to don't want perform Ad-Hoc Format
 - Select "Cancel" if wish to close the SmartCard Windows



Delete [F6]

To delete existing staff member profile in the system. Highlight on the staff member profile and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected staff member profile.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the staff member profile listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the menu staff member list to printer.

Close

Click to close the staff member profile form.

Staff - S3100, S3200, N5100, N5200

The screenshot shows the 'View Staff' application window. At the top, there is a menu bar with buttons: Add [F2], Edit [F4], Delete [F6], Refresh [F5], Print [F7], Find [F3], and Close. Below the menu bar, there are two tabs: 'Filter View' and 'Classic View'. The 'Filter View' tab is active, showing a 'Filter By' dropdown set to 'Staff No.' and a 'Filter Value' input field. The 'Classic View' tab is also visible, with a note: 'This view shows all staff and will take a longer time to display.' Below the tabs, there is a table with columns: Staff No., Name, Department, Job, Shift, Card 1, Card 2, Card 3, Card 4, and Card 5. The table contains four rows of data. At the bottom of the window, there is a status bar showing 'Total Staff on screen: 4' and a 'Summary of Staff' section with fields for Total Staff, Total card, Total, Total Job, Total Shift, Total Access Level, and Total Access Group. Below the status bar, there is a 'Command' bar with buttons: Send, Activate, Deactivate, Retrieve, Clear Antipassback, Export, Format, Write, and Format by Ad-Hoc.

**Pagination Setting**

The screenshot shows the 'Setting' dialog box. At the top, there is a title bar with the text 'Setting' and a close button. Below the title bar, there is a 'Pagination Listing' section. Inside this section, there is a label 'View no. of records per page' followed by a dropdown menu showing the value '10'. To the right of the dropdown, there is a note '(Min:10, Max: 1000)'. At the bottom of the dialog, there are two buttons: 'Ok' and 'Cancel'.

Set the number records per page

Minimum is 10 records while maximum is 1000 records



First x Record

Where x is the number of records configured in pagination setting



Previous x Record

Where x is the number of records configured in pagination setting



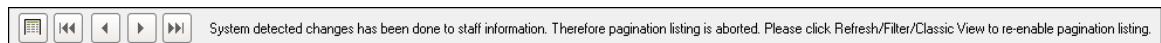
Next x Record

Where x is the number of records configured in pagination setting

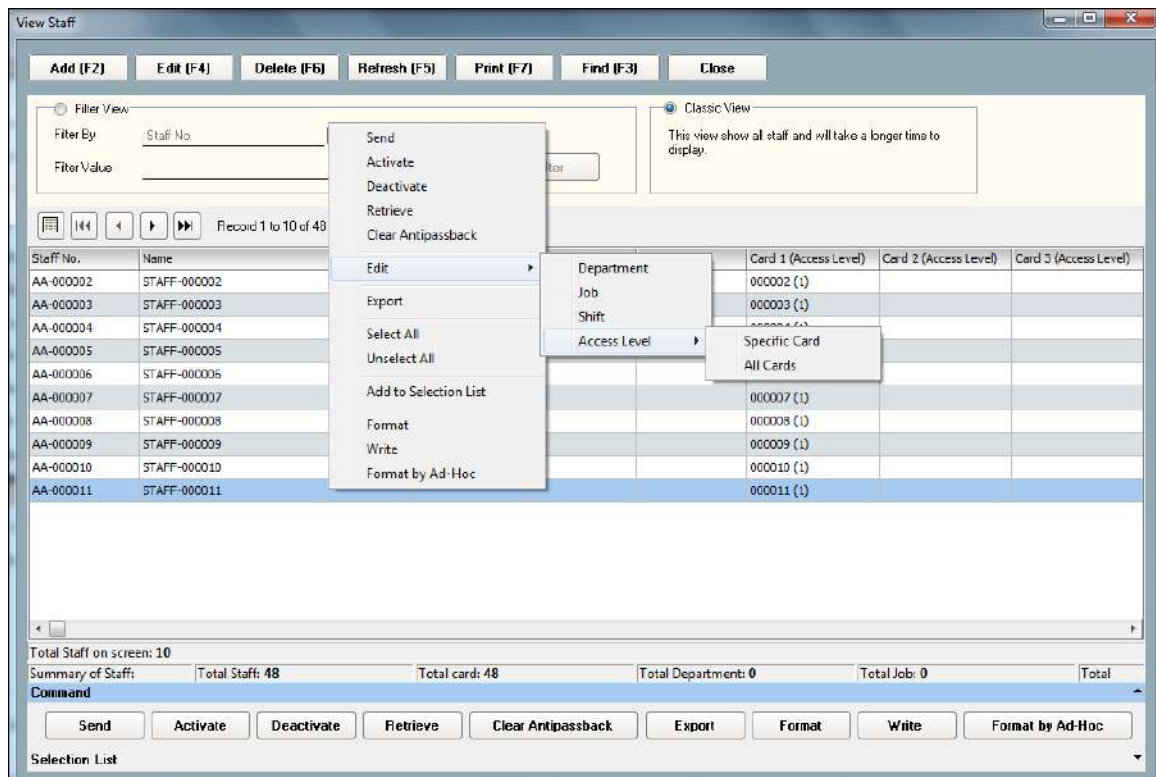


Last x Record

Where x is the number of records configured in pagination setting



This message will appear if system detect any changes has been done to the staff information therefore pagination listing is aborted



Popup/Command menu

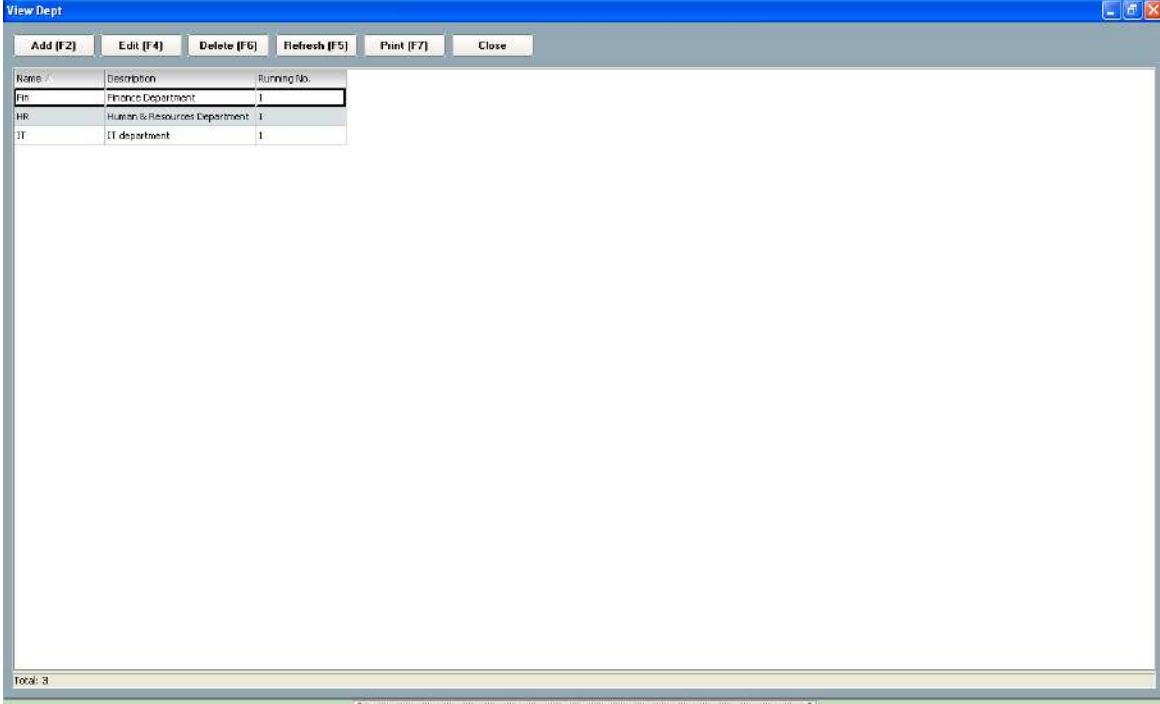
- **Send:** Send the staff parameter/information to the controller
- **Activate:** Activate the card
- **Deactivate:** Deactivate the card
- **Retrieve:** Retrieve the card information from controller

- **Clear Antipassback**: Clear the antipassback block
- **Edit > Department**: Edit the staff department information
- **Edit > Job**: Edit the staff job information
- **Edit > Shift**: Edit the staff shift information
- **Edit > Access Level > Specific Card**: Edit a specific card access level
- **Edit > Access Level > All Cards**: Edit all cards access level
- **Export**: Export the staff information
- **Select All**: Select all staff in the list
- **Unselect All**: Unselect all selected staff
- **Add to selection List**: Add the staff into the selection list
- **Format**: Format the card with smart card reader
- **Write**: Write the information into the card
- **Format by Ad-Hoc**: Format the card without verifying the card number

Card Type:

1. **Normal Card**: Normal Access card
2. **Special (Arm/Disarm Card)**: Used for arm and disarm alarm
3. **Master Card**: Used for reset local pin and access without follow the card + Pin rules
4. **Maintenance Card**: For maintenance purpose, temporary disable the tamper

14.2.4 Department



The screenshot shows a window titled "View Dept" with a blue header bar. Below the header is a toolbar with buttons: "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the toolbar is a table with three columns: "Name /", "Description", and "Running No.". The table contains three rows of data:

Name /	Description	Running No.
Fin	Finance Department	1
HR	Human Resources Department	1
IT	IT department	1

At the bottom left of the window, there is a status bar that says "Total: 3".

Department

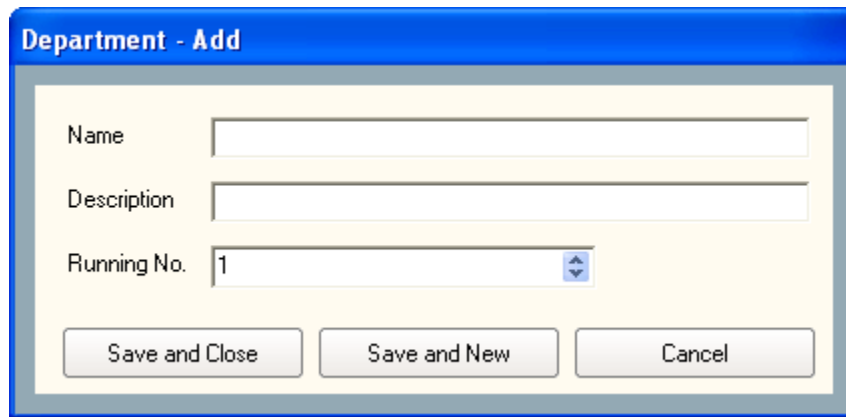
This section allow system administrator to create departmental details for the company

Add [F2]

To add new department into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.



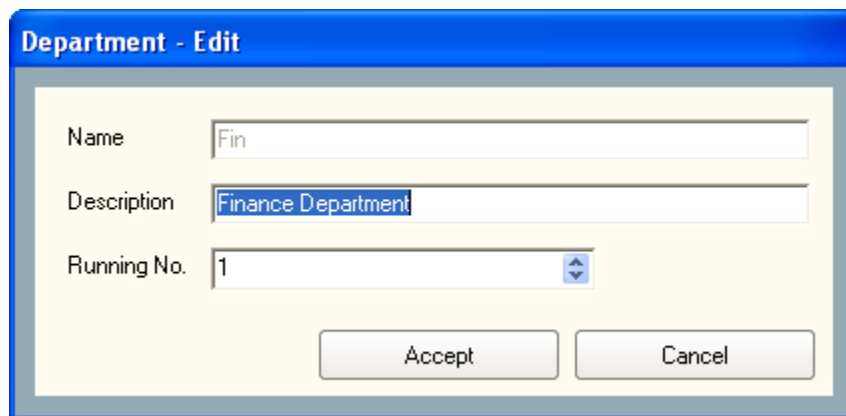
NOTE: The running no. will automatically increase when the number of the staff that fall under the same department increases



1. Enter a preferred department name (it must be unique throughout the system)
2. Enter the department description
3. Select "Save and Close" if you finish with adding department, select "Save and New" if you wish to add more department or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing department profile in the system. Highlight on the department profile and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing department profile in the system. Highlight on the department profile and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected department profile.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the department profile listing.

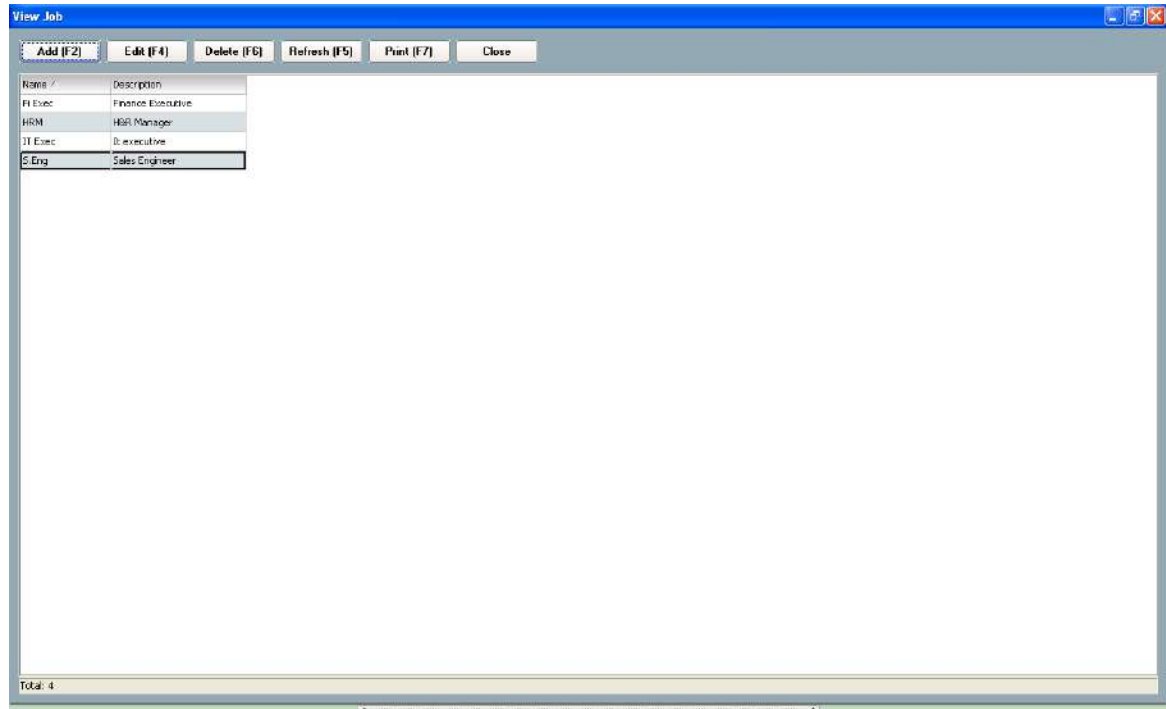
Print [F7]

Click the button or press the shortcut key "F7" to print the department list to printer.

Close

Click to close the department profile form.

14.2.5 Job



Job

This section allow system administrator to create job title details for the company

Add [F2]

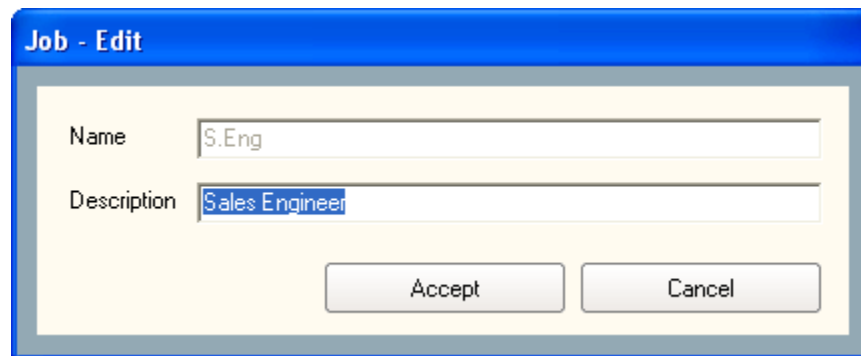
To add new job title into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

The 'Job - Add' form contains two input fields: 'Name' and 'Description'. Below the fields are three buttons: 'Save and Close', 'Save and New', and 'Cancel'.

1. Enter a preferred job title name (it must be unique throughout the system)
2. Enter the job title description
3. Select "Save and Close" if you finish with adding job title, select "Save and New" if you wish to add more job title or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing job title profile in the system. Highlight on the job title and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

A dialog box titled "Job - Edit" with a blue header bar. It contains two text input fields: "Name" with the value "S.Eng" and "Description" with the value "Sales Engineer". Below the fields are two buttons: "Accept" and "Cancel".

1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing job title profile in the system. Highlight on the job title profile and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

A warning dialog box titled "Warning" with a blue header bar and a yellow warning icon. The text inside says "Confirm delete job [S.Eng]?". At the bottom are two buttons: "Yes" with a green checkmark icon and "No" with a red X icon.

1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected job title profile.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the job title profile listing.

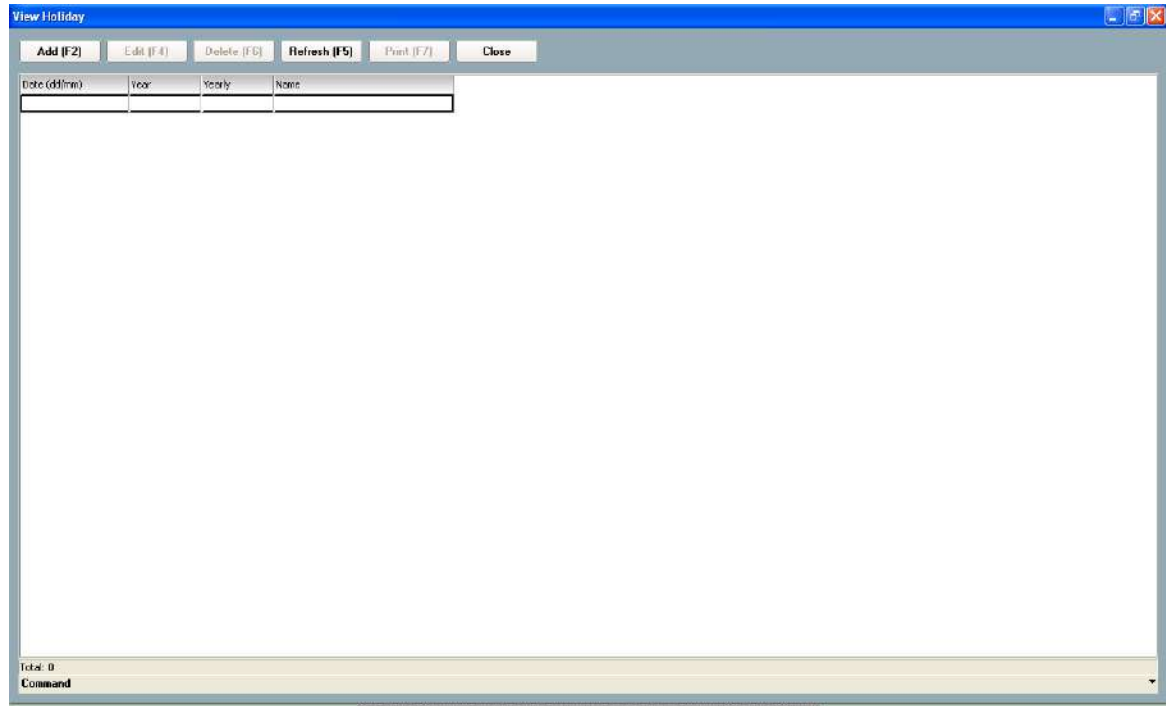
Print [F7]

Click the button or press the shortcut key "F7" to print the job title list to printer.

Close

Click to close the job title profile form.

14.2.6 Holiday



Holiday

This section allow system administrator to create holiday details for the company

On bottom of the holiday menu, system administrator can double click on the **Command** bar to pop out the command bar feature.

Send all - Click "Send All" button to send all the holiday dates to the controllers

Delete all - Click "Delete All" button to delete all the holiday dates from the controllers

Retrieve all - Click "Retrieve All" button to retrieve all the holiday dates from the controllers



NOTE: System Administrator can also execute the command feature by highlighting on the holiday and right click to proceed to the commands

Date (dd/mm)	Year	Yearly	Name
31/03		Y	National Day
01/05		Y	Labour Day

Total: 2

Command

Send All Delete All Retrieve All

Add [F2]

To add new holiday date into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Holiday - Add

Oct 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Name

Yearly ☐ No

Save and Close Save and New Cancel

1. Navigate to the desired date using the graphical calendar (single arrow moves the calendar in monthly basis, double arrow moves the calendar in yearly basis)
2. Highlight a date by clicking on the date
3. Enter the name of the holiday
4. Check if this holiday occurred yearly
5. Select "Save and Close" if you finish with adding holiday date, select "Save and New" if you wish to add more holiday date or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing holiday date in the system. Highlight on the holiday date and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Holiday - Edit

May 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Name:

Yearly: ☒ Yes

Accept Cancel

1. Change the necessary fields
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing holiday date in the system. Highlight on the holiday date and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Warning

Confirm delete holiday [01/05]?

Yes No

1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected job title profile.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the holiday date listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the holiday date list to printer.

Close

Click to close the holiday date form.

14.2.7 Normal Shift

The screenshot shows a window titled "View Shift" with a menu bar containing "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the menu bar is a table with the following data:

Name	Description	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Holiday
Normal shift		09:00 - 18:00	09:00 - 18:00	09:00 - 18:00	09:00 - 18:00	09:00 - 18:00	00:00 - 00:00	00:00 - 00:00	00:00 - 00:00

At the bottom left of the window, there is a status bar that reads "Total: 1".

Shift

This section allow system administrator to create shift setting for the company. Each staff can have different working hour as long as it is predefined. By comparing the transaction from the reader, system can automate the calculation process for total working hours, total overtime worked etc.

Add [F2]

To add new shift into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Shift - Add

Name

Description

Week Day	Work		Allowed	Break		Deduct (mins)	Min. Work Hour
	From	To		From	To		
Sunday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Monday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Tuesday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Wednesday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Thursday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Friday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Saturday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Holiday	00:00	00:00	☐ No	00:00	00:00	0	00:00

OverTime Setting

OT Claims ☐ No

OT out grace (mins)

NOTE: Set Work From and Work To to 00:00 to indicate not working

1. Enter the desired shift name
2. Enter the shift description
3. Enter the time setting for each day in hh:mm format (24 hours format)
4. If lunch break is allowed, tick the checkbox under lunch break column, enter the time for lunch break
5. Select if this shift setting allow to have overtime claim
6. Define the OT out grace period
7. Select "Save and Close" if you finish with adding shift setting, select "Save and New" if you wish to add more shift setting or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing shift setting in the system. Highlight on the shift setting and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Shift - Edit

Name

Description

Week Day	Work		Allowed	Break		Deduct (mins)	Min. Work Hour
	From	To		From	To		
Sunday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Monday	09:00	18:00	☐ No	00:00	00:00	0	00:00
Tuesday	09:00	18:00	☐ No	00:00	00:00	0	00:00
Wednesday	09:00	18:00	☐ No	00:00	00:00	0	00:00
Thursday	09:00	18:00	☐ No	00:00	00:00	0	00:00
Friday	09:00	18:00	☐ No	00:00	00:00	0	00:00
Saturday	00:00	00:00	☐ No	00:00	00:00	0	00:00
Holiday	00:00	00:00	☐ No	00:00	00:00	0	00:00

OverTime Setting

OT Claims ☐ No

OT out grace (mins)

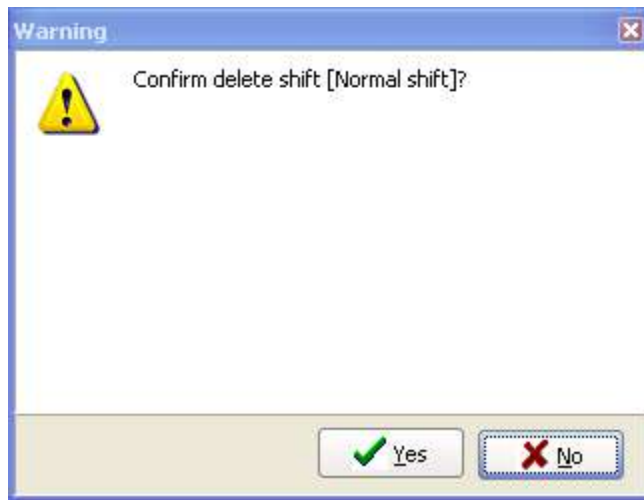
NOTE: Set Work From and Work To to 00:00 to indicate not working

Accept Cancel

1. Change the necessary fields (Shift name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing shift setting in the system. Highlight on the shift setting and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected shift setting.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the shift setting listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the shift setting list to printer.

Close

Click to close the shift setting form.

14.2.8 Leave

Application Date	Staff No	Name	Dept	Job	Shift	Leave From	Leave To	Reason
2008/10/28	EP1	Shia	IT	IT Exec	Normal shift	2008/11/03	2008/11/05	Annually

Total: 1

Leave

This section allow system administrator to create the advance leave form for their company staff members.

Add [F2]

To add new leave into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Leave - Add

Application Date Tuesday , October 28, 2008

Staff No Undefined

Name

Department

Job

Shift

From Tuesday , October 28, 2008

To Tuesday , October 28, 2008

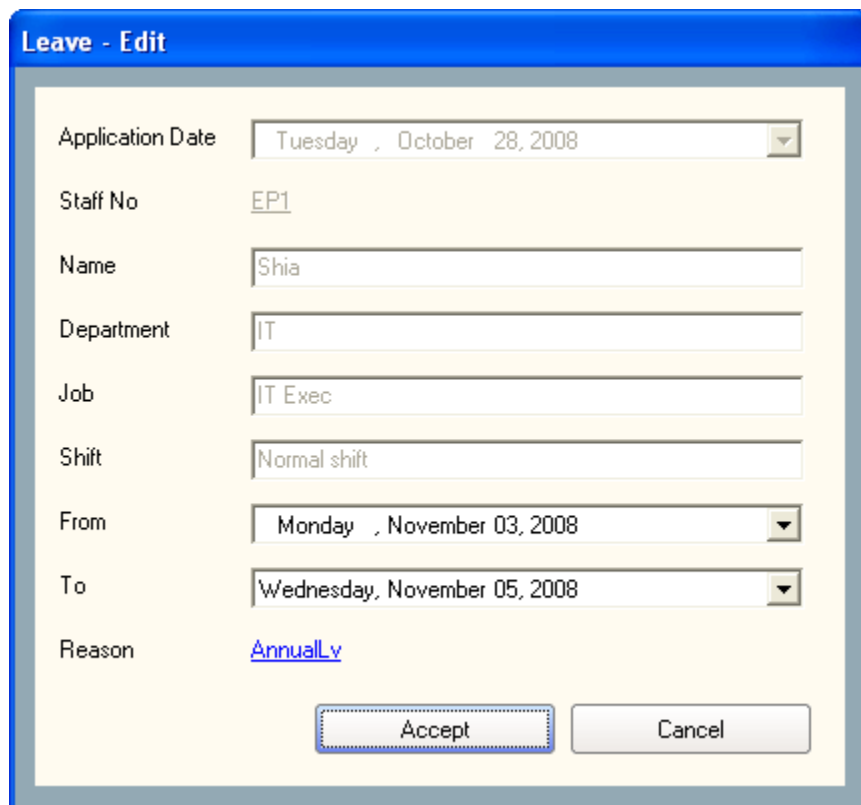
Reason Undefined

Save and Close Save and New Cancel

1. Select the application date on the drop down calendar
2. Click on the Staff No undefined to select the staff member that apply leave on the staff form.
3. The Name, Department, Job and Shift fields will be automatically filled according the the staff member details.
4. Select the actual date for the applicants leave on the drop down calendar
5. Select the Reason for applying the leave
6. Select "Save and Close" if you finish with adding the leave setting, select "Save and New" if you wish to add more leave or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing leave in the system. Highlight on the leave and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.



The "Leave - Edit" dialog box contains the following fields and controls:

- Application Date:** A date picker showing "Tuesday , October 28, 2008".
- Staff No:** A text field containing "EP1".
- Name:** A text field containing "Shia".
- Department:** A text field containing "IT".
- Job:** A text field containing "IT Exec".
- Shift:** A text field containing "Normal shift".
- From:** A date picker showing "Monday , November 03, 2008".
- To:** A date picker showing "Wednesday, November 05, 2008".
- Reason:** A text field containing the underlined text "AnnualLy".
- Buttons:** "Accept" and "Cancel" buttons at the bottom right.

1. Change the necessary fields (Only the leave date from/to and the reason fields can be change)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing leave in the system. Highlight on the leave and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



The "Warning" dialog box contains the following elements:

- Title:** "Warning".
- Icon:** A yellow warning triangle with an exclamation mark.
- Text:** "Confirm delete Leave [EP1]?"
- Buttons:** "Yes" (with a green checkmark icon) and "No" (with a red X icon) buttons at the bottom right.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the leave listing.

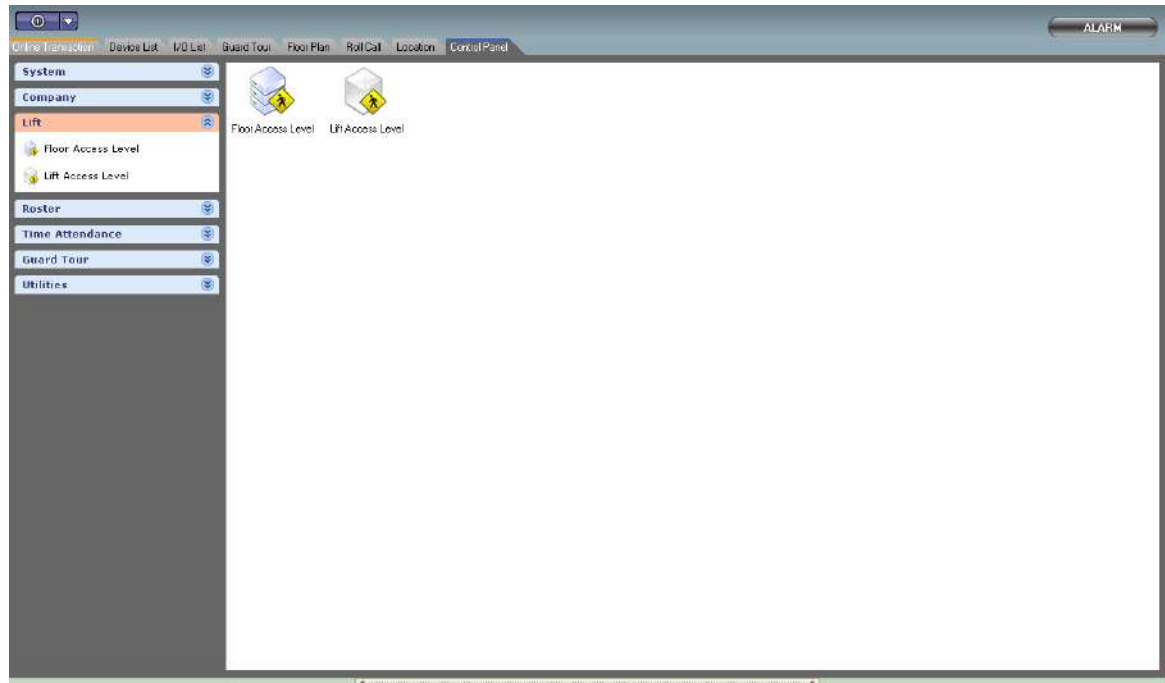
Print [F7]

Click the button or press the shortcut key "F7" to print the leave list to printer.

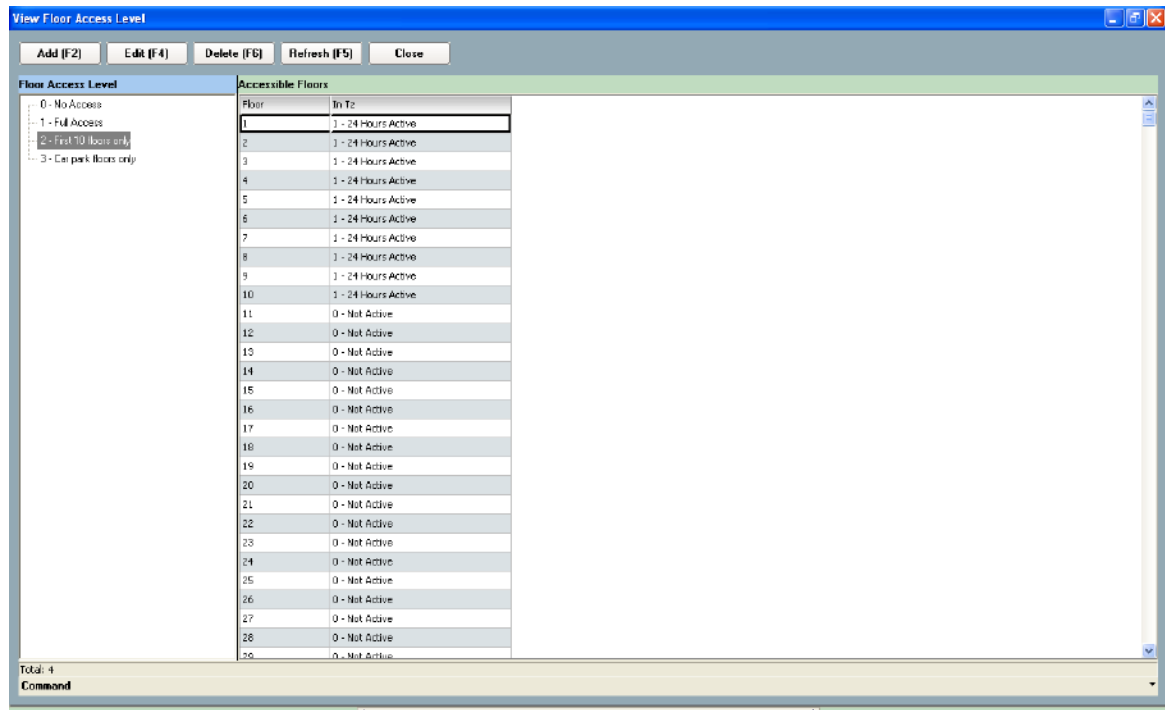
Close

Click to close the leave form.

14.3 Lift



14.3.1 Floor Access Level



Floor Access Level

This section allow system administrator to create floor access level for lift application. Floor access level defines the floor access right of a staff member when using the lift / elevator (Lift Controller must be installed to utilize this feature). Each lift controller is designed to cater for up to a maximum of 136 floors only.



NOTE: L1000 - 64 Floors
L2000 - 128 Floors
L3800 - 136 Floors

On bottom of the floor access level menu, system administrator use the feature on the **Command** bar to execute the command.

Send - Highlight on the selected floor access level and click "Send" button to send the floor access level details to the lift controllers

Delete - Highlight on the selected floor access level and click "Delete" button to delete the floor access level details from the lift controllers

Retrieve - Highlight on the selected floor access level and click "Retrieve" button to retrieve the floor access level details from the lift controllers



NOTE: System Administrator can also execute the command feature by highlighting on the floor access level and right click to proceed to the commands

View Floor Access Level

Buttons: Add (F2) | Edit (F4) | Delete (FG) | Refresh (F5) | Close

Floor Access Level		Accessible Floors	
		Floor	In To
0 - No Access		1	1 - 24 Hours Active
1 - Full Access		2	1 - 24 Hours Active
2 - First 10 floors only		3	1 - 24 Hours Active
3 - Car park floors only		4	1 - 24 Hours Active
		5	1 - 24 Hours Active
		6	1 - 24 Hours Active
		7	1 - 24 Hours Active
		8	1 - 24 Hours Active
		9	1 - 24 Hours Active
		10	1 - 24 Hours Active
		11	0 - Not Active
		12	0 - Not Active
		13	0 - Not Active
		14	0 - Not Active
		15	0 - Not Active
		16	0 - Not Active
		17	0 - Not Active
		18	0 - Not Active
		19	0 - Not Active
		20	0 - Not Active
		21	0 - Not Active
		22	0 - Not Active
		23	0 - Not Active
		24	0 - Not Active
		25	0 - Not Active
		26	0 - Not Active
		27	0 - Not Active

Total: 4

Command

Buttons: Send | Delete | Retrieve

Add [F2]

To add new floor access level into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Floor Acc Lev - Add

Name

Description

Floor	In Time Zone
1	0 - Not Active
2	0 - Not Active
3	0 - Not Active
4	0 - Not Active
5	0 - Not Active
6	0 - Not Active
7	0 - Not Active
8	0 - Not Active
9	0 - Not Active
10	0 - Not Active
11	0 - Not Active
12	0 - Not Active
13	0 - Not Active
14	0 - Not Active
15	0 - Not Active
16	0 - Not Active
17	0 - Not Active

Change Time Zone for ☒ All ☐ Selected to [0 - Not Active](#)

1. Enter a preferred name for floor access level in numeric format (max. 255)
2. Enter the description for this floor access level
3. By default, Timezone-0 is preset into the database, this setting prohibits user to access to that particular floor
4. To change the default floor access level, click on the link, timezone listing will pop-up, highlight the desired timezone, click "Select" to select the timezone, if the desired timezone is not in the list, administrator may add new timezone by clicking on "Add" button to start adding process. Please refer to "Timezone" menu for details
5. To quickly apply the same timezone setting to all floors, select "All" radio button, click on the link, timezone listing will pop-up, highlight the desired timezone, click "Select" to select the timezone, if the desired timezone is not in the list, administrator may add new timezone by clicking on "Add" button to start adding process. Please refer to "Timezone" menu for details

6. Click "Change" to apply the selected timezone to all floors available in the system (notice that all floor's setting in the timezone column changed to the selected timezone)
7. Select "Save and Close" if you finish with adding new system user, select "Save and New" if you wish to add more system user or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing floor access level in the system. Highlight on the floor access level and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Floor Acc Lev - Edit

Name:

Description:

Floor	In Time Zone
1	1 - 24 Hours Active
2	1 - 24 Hours Active
3	1 - 24 Hours Active
4	1 - 24 Hours Active
5	1 - 24 Hours Active
6	1 - 24 Hours Active
7	1 - 24 Hours Active
8	1 - 24 Hours Active
9	1 - 24 Hours Active
10	1 - 24 Hours Active
11	0 - Not Active
12	0 - Not Active
13	0 - Not Active
14	0 - Not Active
15	0 - Not Active
16	0 - Not Active
17	0 - Not Active

Change Time Zone for ☒ All ☐ Selected to [0 - Not Active](#)

1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing floor access level in the system. Highlight on the floor access level and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected floor access level.

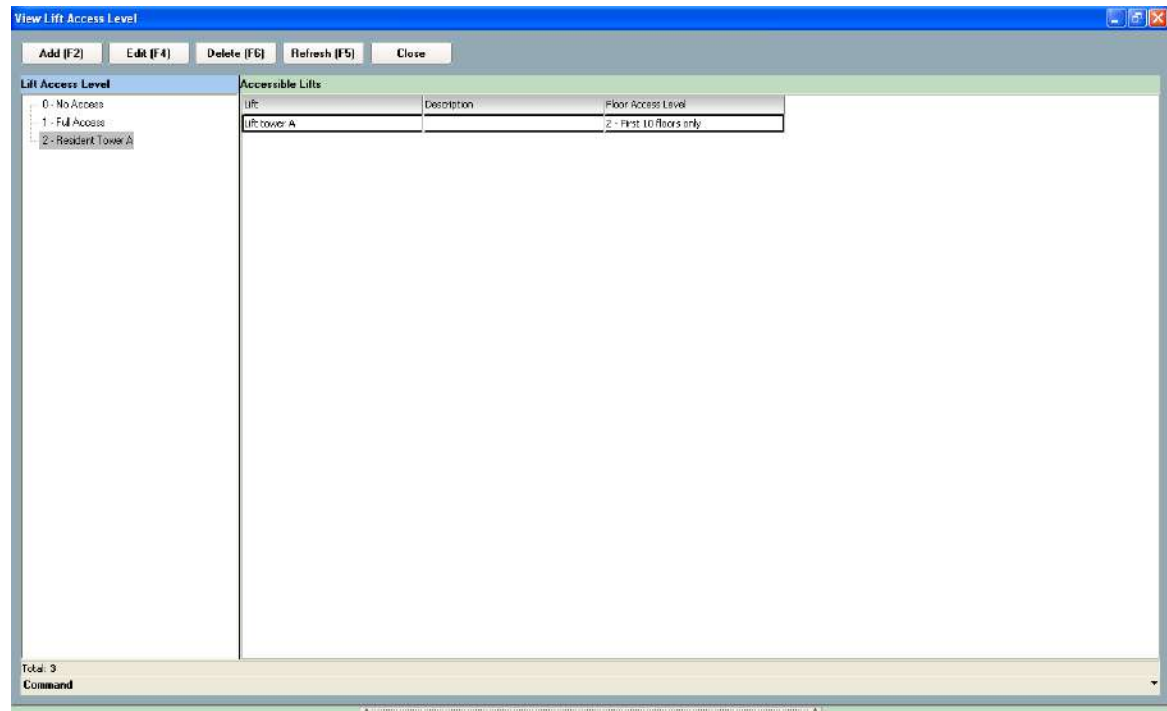
Refresh [F5]

Click or press the shortcut key "F5" to refresh the floor access level listing.

Close

Click to close the floor access level form.

14.3.2 Lift Access Level



Lift Access Level

This section allow system administrator to create lift access level for lift application. Lift access level defines the lift car access right of a staff member when using the lift / elevator (Lift Controller must be installed to utilize this feature). Each lift controller is designed to cater for up to a maximum of 255 levels only.

On bottom of the lift access level menu, system administrator use the feature on the **Command** bar to execute the command.

Send - Highlight on the selected lift access level and click "Send" button to send the lift access level details to the lift controllers

Delete - Highlight on the selected lift access level and click "Delete" button to delete the lift access level details from the lift controllers



NOTE: System Administrator can also execute the command feature by highlighting on the lift access level and right click to proceed to the commands

View Lift Access Level

Add [F2] Edit [F4] Delete [F6] Refresh [F5] Close

Lift Access Level

- 0 - No Access
- 1 - Full Access
- 2 - EVEN access

Accessible Lifts

Lift	Description	Floor Access Level
All Lifts		1 - Full Access

Total: 3

Command

Send Delete

Add [F2]

To add new lift access level into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Lift Access Level - Add

Name

Description

Lift	Description	Floor Access Level
Lift tower A		1 - Full Access

Accessible Lift (Total: 1)

[0 - No Access](#)

Lift	Description
Lift Tower C	
Lift tower B	

Available Lift (Total: 2)

1. Enter a preferred name for lift access level in numeric format (max. 255, any number bigger than 255 entered will be automatically altered to 255)
2. Enter the description for this lift access level
3. In "Available Lift" listing (System will list all lift controller available in the system), highlight which lift controller to be included in the lift access level
4. Click "Add" button to move the lift controller to "Accessible Lift" list
5. By default, once a lift controller is in "Accessible Lift" list, it is preset to "Floor Access - 1" which all floors available are fully accessible. To change to other floor access level, click on the link, floor access level listing will pop-up, highlight the new floor access level, click "Select" to select the new floor access level, if the desired floor access level is not in the list, administrator may add new floor access level by clicking on "Add" button to start adding process. Please refer to "Floor Access Level" menu for details
6. Select "Save and Close" if you finish with adding new lift access level, select "Save and New" if you wish to add more lift access level or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing lift access level in the system. Highlight on the lift access level and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Lift Access Level - Edit

Name:

Description:

Lift	Description	Floor Access Level
Lift tower A		2 - First 10 floors only

Accessible Lift (Total: 1)

[0 - No Access](#)

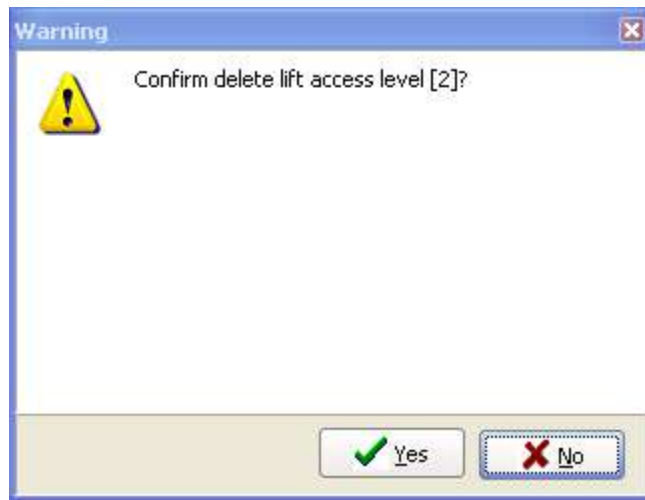
Lift	Description
Lift Tower C	
Lift tower B	

Available Lift (Total: 2)

1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing lift access level in the system. Highlight on the lift access level and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected lift access level.

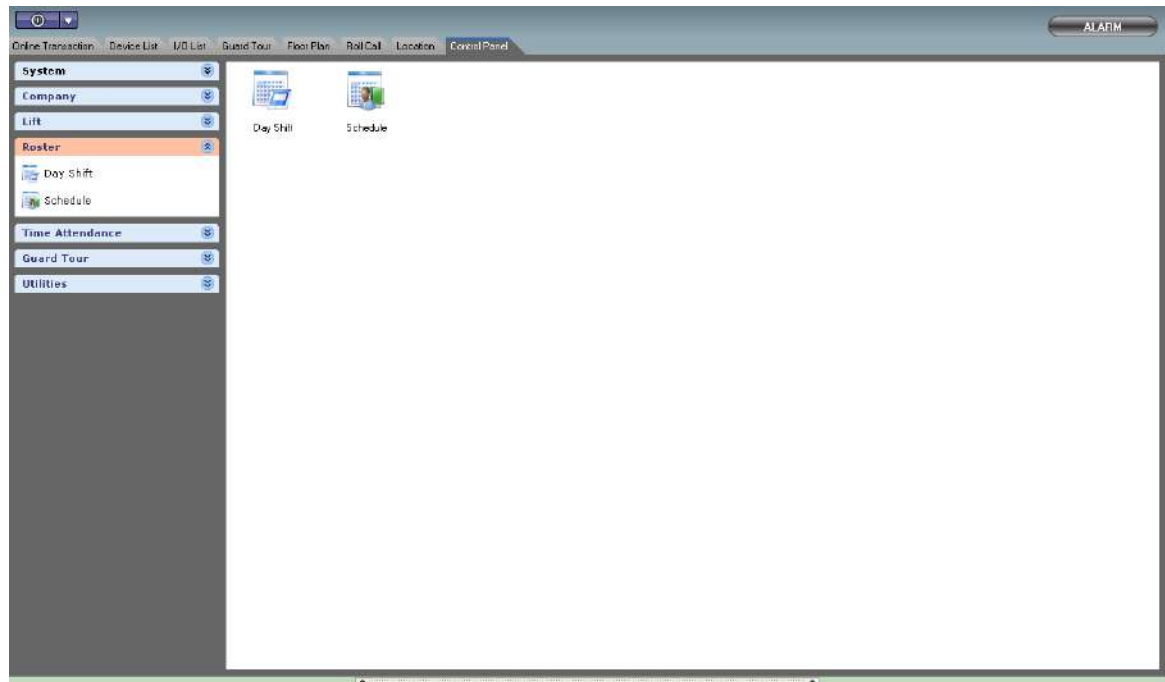
Refresh [F5]

Click or press the shortcut key "F5" to refresh the lift access level listing.

Close

Click to close the lift access level form.

14.4 Roster



14.4.1 Day Shift

The screenshot shows a window titled "View Day Shift" with a menu bar containing "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the menu bar is a table with the following columns: Name, Description, Colour, Time, Break, Break Time, Deduct (mins), Min WH, OT Claims, and Out Grace (mins). The table contains one row with the following data: Name: M1, Description: Morning Shift 1, Colour: Red, Time: 08:00 - 17:00, Break: No, Break Time: 00:00 - 00:00, Deduct (mins): 0, Min WH: 00:00, OT Claims: Yes, and Out Grace (mins): 15. At the bottom left of the window, there is a status bar that says "Total: 1".

Name	Description	Colour	Time	Break	Break Time	Deduct (mins)	Min WH	OT Claims	Out Grace (mins)
M1	Morning Shift 1	Red	08:00 - 17:00	No	00:00 - 00:00	0	00:00	Yes	15

Total: 1

Day Shift (Daily Shift)

This section allow system administrator to create individual shift setting to be applied to roster schedule. Daily shift defines all the planned daily working hour which to be applied to yearly roster schedule. This is particularly flexible when a working changes his / her shift in a daily, weekly or monthly basis.

Add [F2]

To add new day shift into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Day Shift - Add

Name

Description

Colour Blue

Work		Break		Min. Work	Deduct
From	To	Allowed	From	To	Hour (mins)
18:00	05:00	☐ No	00:00	00:00	0

OverTime Setting

OT Claims ☒ Yes

OT out grace (mins)

NOTE: Set Work From and Work To to 00:00 to indicate not working

1. Enter a preferred name for day shift in alpha-numeric format (max. 2 alpha-numeric characters)
2. Enter the description for this day shift
3. Enter the time setting for the day in hh:mm format (24 hours format)
4. If lunch break is allowed, tick the checkbox under lunch break column, enter the time for lunch break
5. Select if this shift setting allow to have overtime claim
6. Define the OT out grace period
7. Select "Save and Close" if you finish with adding day shift setting, select "Save and New" if you wish to add more day shift setting or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing day shift setting in the system. Highlight on the day shift and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Day Shift - Edit

Name

Description

Colour Blue

Work		Break		Min. Work Hour	Deduct (mins)
From	To	Allowed	From		
18:00	05:00	☐ No	00:00	00:00	0

OverTime Setting

OT Claims ☒ Yes

OT out grace (mins)

NOTE: Set Work From and Work To to 00:00 to indicate not working

1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing day shift setting in the system. Highlight on the day shift setting and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Warning

Confirm delete day shift [N1]?



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected day shift.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the day shift listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the day shift list to printer.

Close

Click to close the day shift form.

14.4.2 Schedule

View Shift Roster

Name	Description
OP 1	Operator Group 1

2008	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T
January		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
February						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
March						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
April		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
May				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
June						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
July		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
October			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
November						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
December	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						

Day Shift Info:
Total: 1

Roster Schedule

This section allow system administrator to plan a yearly shift roster for a staff or a group of staff. Individual day can be configure to fit to staff's shift.

Add [F2]

To add new roster schedule into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Shift Roster - Add

Name:

Description:

2008

	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T						
January	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
February					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
March						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
April		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
May				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
June							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
July		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
October			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
November						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
December	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					

Day Shift Info: 2008/06/17 - Shift = [M1] Morning Shift 1

Clear Selection Clear All

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Day Shift  [M1 - Morning Shift 1](#) Set

Save and Close
Save and New
Cancel

1. Enter a preferred name for the new roster schedule
2. Enter the description for the new roster schedule
3. Select a day shift setting predefined in Day Shift section
4. Select a day or group of days to apply the day shift setting
5. Click "Set" to apply the day shift setting into the selected day / group of days



NOTE: Once set, color of the selected days / group of days will change to the day shift's color

6. Select "Save and Close" if you finish with adding new roster schedule, select "Save and New" if you wish to add more roster schedule or select "Cancel" to discharge the adding process

Holiday Tab

This section allow system administrator to apply a special day shift setting onto the predefined holiday dates from the holiday menu. Once applied, the holiday dates will have this special day shift working hours applied

Assistance Tab

This section gives system administrator to quickly apply a patterned day shift settings onto the selected period of dates

The 'Assistance' dialog box is used for applying day shift settings. It features a blue title bar and a light yellow background. At the top, there are two date pickers: 'From date:' and 'To date:', both set to 'Tuesday , October 28, 2008'. Below these is a section labeled 'Day shift pattern:' containing a list box with two items: 'N1 - Night Shift 1' (preceded by a blue square) and 'M1 - Morning Shift 1' (preceded by a red square). To the right of the list box are four buttons: an up arrow, a down arrow, a red 'X', and a red '+'. At the bottom left, there is a 'Day Shift:' label followed by a red square and the text 'M1 - Morning Shift 1'. At the bottom right are two buttons: 'Assign' and 'Close'.

1. Select the "From date" as start date to apply this patterned day shift settings
2. Select the "To date" as end date to apply this patterned day shift settings
3. Selected the first day shift setting by clicking the link next to the "Day Shift" option, day shift listing will pop-up, highlight the day shift setting, click "Select" to select the day shift setting, if the desired day shift setting is not in the list, administrator may add new day shift setting by clicking on "Add" button to start adding process. Please refer to "Day Shift" menu for details
4. Once selected, Click on the  button to insert into the pattern
5. Repeat Step.3 and Step.4 until all desired day shift setting are inserted
6. Click "Assign" button to apply the day shift setting pattern onto the selected period of dates
7. Click "Close" button to close the Assistance windows

Shift Roster - Add

Name:

Description:

Patterned day shift setting applied to selected period of dates

2008	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T						
January	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
February					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
March					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
April	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
May				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
June						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
July	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
October						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
November							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
December	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					

Day Shift Info: 2008/01/17 -

Clear Selection Clear All

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Assistance

Save and Close

Save and New

Cancel

Selection Style

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Block Select ☒

If check, system administrator will be able to make vertical date selection on the calendar, with this feature, system administrator can quickly apply a day shift setting onto a selected days. (eg: select Monday only on the calendar)

Without block select

Shift Roster - Add

Name:

Description:

2008 M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T

January	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
February					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
March					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
April	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
May			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
June					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
July	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
August				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
October			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
November					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
December	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				

Day Shift Info: 2008/11/01 -

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Block Select ☐

With block select

Shift Roster - Add

Name:

Description:

2008

	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T					
January	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
February					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
March					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
April	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
May			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
June						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
July	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
September	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
October			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
November					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
December	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				

Day Shift Info: 2008/01/04 -

Clear Selection Clear All

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Block Select ☒

Save and Close

Save and New

Cancel

Color Setting

Please refer to "Calendar Setting"

Edit [F4]

To edit existing roster schedule in the system. Highlight on the roster schedule and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Shift Roster - Edit

Name:

Description:

2008 M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T

January		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
February					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
March						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
April		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
May				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
June							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
July		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
September		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
October			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
November					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
December		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					

Day Shift Info: 2008/12/22 -

Clear Selection Clear All

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Day Shift  [M1 - Morning Shift 1](#) Set

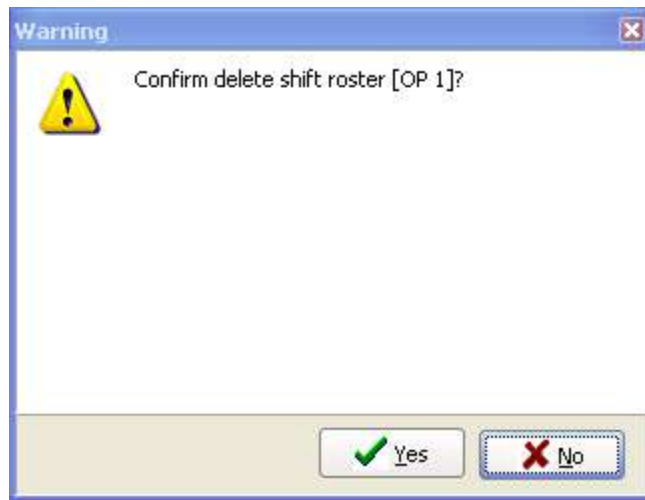
Accept

Cancel

1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing roster schedule in the system. Highlight on the roster schedule and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected roster schedule.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the roster schedule listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the roster schedule list to printer.

Duplicate

To quickly duplicate a configured roster schedule, click on the "Duplicate" button

Shift Roster - Add

Name:

Description:

2008 M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T

January		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
February					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29				
March					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
April		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
May				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
June						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
July		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
August					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
September		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
October			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
November					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
December		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					

Day Shift Info: 2008/10/15 - Shift = [N1] Night Shift 1

Clear Selection Clear All

Day Shift | Holiday | Assistance | Selection Style | Color Setting

Day Shift  [M1 - Morning Shift 1](#)

Set

Save and Close

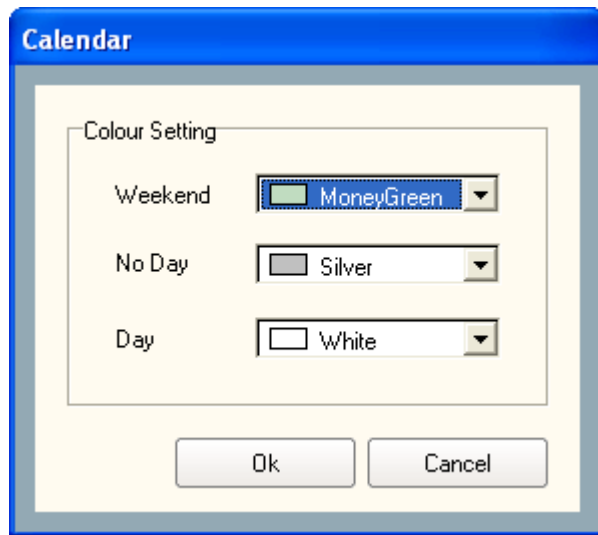
Duplicate

Cancel

1. Enter a new name for the duplicated roster schedule
2. Change roster schedule description if necessary
3. Click "Save and Close" or "Duplicate" to save the duplicated schedule
4. Click "Cancel" to drop the duplication.

Calendar

The calendar button allows system administrator to change the default coloring on the yearly calendar display in the system.

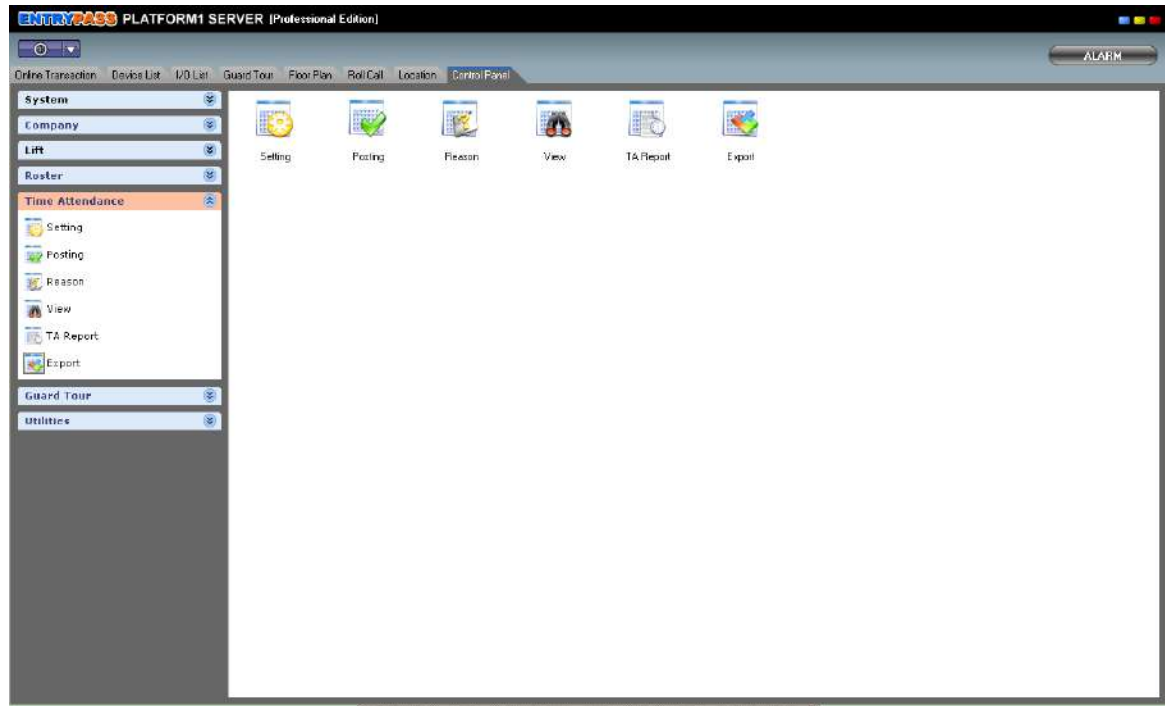


Select from the drop down menu for the color you want to apply

Close

Click to close the roster schedule form.

14.5 Time Attendance



14.5.1 Setting

Time Attendance Setting

General | Range | Posting

Posting

☒ Include month processing when posting

Process transactions from ☒ In Reader only ☐ In and Out Reader

Working Hour Calculation

☒ Last Out Minus First In

☐ Last Out Minus Start Working Time (if staff is Early In) or First In (if staff is Late In)

Overtime

OT Alignment: None

If day is holiday, please assign the OT to ☐ OT 2.0 ☒ OT 3.0

Ok Cancel

Time Attendance

Before a time attendance report can be viewed, raw transactions collected from the controllers must be pre-processed according to the predefined shift or roster setting. Posting process convert the raw transaction into time attendance data by comparing the first in and last out transactions.

This section allow system administrator to define all settings related to time attendance data processing.

General

- **Posting**

Select input for posting of raw transaction. If only in-reader is implemented in the system, check "In-Reader Only" option for posting purposes. If there are both in and out reader implemented in the system, check "In and Out Reader" option for posting purposes.

- **Working Hour Calculation**

Last Out Minus First In - If ticked, the attendance calculation will count from one's first In-Time of the day (regardless of one's shift setting)

Last Out Minus Start Working Time - If ticked, the attendance calculation will count from one's shift start time, if one came early on that day, one's In-Time is the shift start time.

- **Overtime**

OT Alignment - The smallest block of time to be calculated as over time. If set to 15 mins, one's over time will be calculated every 15 mins block, if one worked 44 minutes after the normal shift ended, one will receive 30 minutes worth of over time calculation.

- **OT Rate Factor**

Select over time for holiday, if one worked over time on holiday, one's over time calculation should be multiplied with OT rate factor.

Range

The screenshot shows the 'Time Attendance Setting' dialog box with the 'Range' tab selected. The dialog is divided into two main sections: 'Working Time' and 'Break Time'. Each section has 'Offset' and 'Grace Time' sub-sections. The 'Working Time' section includes 'First In Offset' (180 minutes), 'Last Out Offset' (360 minutes), and 'Grace Time' (Early In, Late In, Early Out, Late Out, all set to 10 minutes). The 'Break Time' section includes 'First Out Offset' (60 minutes), 'Last In Offset' (60 minutes), and 'Grace Time' (Early Out, Late Out, Early In, Late In, all set to 10 minutes). A note at the bottom states: 'Note: Maximum minutes that you can set is 1439 i.e. 23:59 hours'. At the bottom right are 'Ok' and 'Cancel' buttons.

Section	Sub-section	Field	Value	Unit	
Working Time	Offset	First In Offset	180	minutes	
		Last Out Offset	360	minutes	
	Grace Time	Early In	10	minutes	
		Late In	10	minutes	
		Early Out	10	minutes	
		Late Out	10	minutes	
	Break Time	Offset	First Out Offset	60	minutes
			Last In Offset	60	minutes
Grace Time		Early Out	10	minutes	
		Late Out	10	minutes	
		Early In	10	minutes	
		Late In	10	minutes	

Note: Maximum minutes that you can set is 1439 i.e. 23:59 hours

I Offset

Allowed time capturing range from the start or end of shift and break.

I Grace Time

Additional time added to or minus from the start or end of shift and break for early and late event determination.

Posting

Time Attendance Setting

General | Range | **Posting**

Posting

☐ Enable Auto Posting

Time: Last Updated (yyyy/mm/dd):

☐ Enable Auto Export

☐ Never overwrite authorised record

☐ Include Wrong Time Zone (Entry) ☐ Include Wrong Time Zone (Exit)

☐ Include Antipassback Violation (Entry) ☐ Include Antipassback Violation (Exit)

Purging

☐ Enable Auto Purging

Month(s) to keep (max 120 months)

Ok Cancel

I Posting

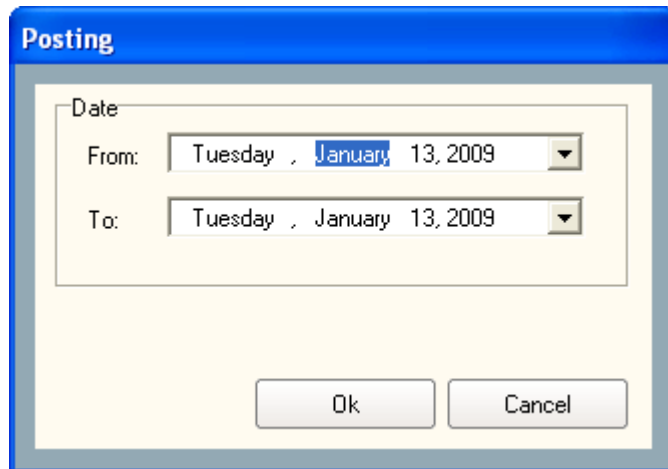
1. If checked on *Enable Auto Posting*, system administrator can set a time for the system to automate the posting process daily. Once the auto posting is enabled, the enable auto export checkbox can be ticked as well (The auto export settings can be done on the Control Panel>Time Attendance>Export)
2. If checked on *Never Overwrite Authorized Record*, the authorized record will never be overwrite again even though the posting process is execute again on the same date (By default the authorized record will be overwrite once the posting process is being done for the same date again)
3. If checked on *Include Wrong Time Zone (Entry)* or *(Exit)*, these 2 transaction code will be captured as well when the posting process is being done. (By default, it will only capture the raw transaction for Valid Card Entry and Valid Card Exit only)
4. If checked on *Include Antipassback Violation (Entry)* or *(Exit)*, these 2 transaction code will be captured as well when the posting process is being done. (By default, it will only capture the raw transaction for Valid Card Entry and Valid Card Exit only)

I Purging

If ticked, system administrator can set the length of records to be kept in the system. Once data is over the preset value, system will automatically delete the unwanted time attendance data.

Default: Disabled

14.5.2 Posting

A screenshot of a 'Posting' dialog box. The dialog has a blue title bar with the word 'Posting' in white. Inside, there is a 'Date' section with two dropdown menus. The 'From' dropdown is set to 'Tuesday , January 13, 2009' and the 'To' dropdown is also set to 'Tuesday , January 13, 2009'. At the bottom of the dialog are two buttons: 'Ok' and 'Cancel'.

Posting

Before a time attendance report can be viewed, raw transactions collected from the controllers must be processed according to the predefined normal shift settings or roster schedule setting. Posting process converts the raw transactions into time attendance data by comparing the first in and last out transactions.

This section allow system administrator to activate posting process manually.

Date

Select the date range for the posting process, click on ok to begin the posting process. Once data posted, the **posting status will be shown on the bottom of the system** and system administrator can now generate the Time Attendance report to view or to Export out the Time Attendance result. Click on "Hide" button to hide the status.

Posting (Manual) activated at 2008/10/28 17:14 (Status: Done at 2008/10/28 17:15)



NOTE: Go to System > Time Attendance > Setting to enable the auto posting feature

14.5.3 Reason

The screenshot shows a window titled "View Reason" with a toolbar containing buttons: "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the toolbar is a table with three columns: "Name", "Desc", and "Type". The table contains five rows of data. At the bottom of the window, there is a status bar that reads "Total: 5".

Name	Desc	Type
AnnualLv	Annual Leave	Annual Leave
CompLv	Compassionate Leave	Annual Leave
HLLv	Hospital Leave	Medical Leave
MaternityLv	Maternity Leave	Annual Leave
MedicalLv	Medical Leave	Medical Leave

Total: 5

Reason

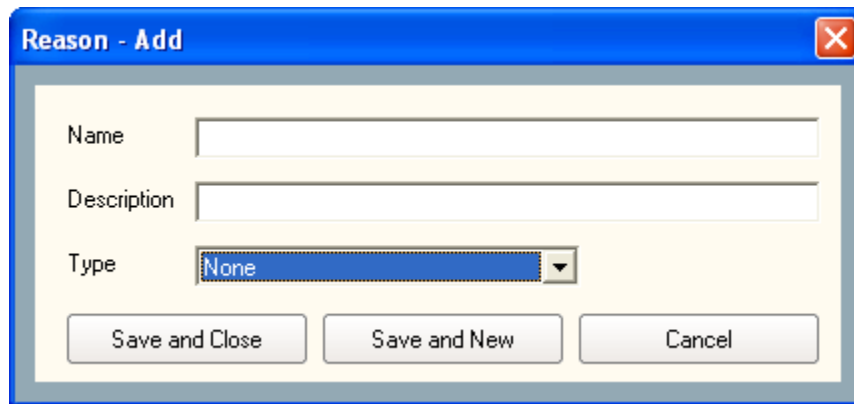
This section allow system administrator to define reason for time and attendance authorization use.

Default reasons available:-

- *AnnualLv : Annual Leave*
- *CompLv : Compassionate Leave*
- *HLLv : Hospitalized Leave*
- *MaternityLv : Maternity Leave*
- *MedicalLv : Medical Leave*

Add [F2]

To add new time attendance reason into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

A screenshot of a Windows-style dialog box titled "Reason - Add". It has a blue title bar with a close button (X) in the top right corner. The dialog contains three input fields: "Name" (a text box), "Description" (a text box), and "Type" (a dropdown menu currently showing "None"). Below these fields are three buttons: "Save and Close", "Save and New", and "Cancel".

Reason - Add

Name

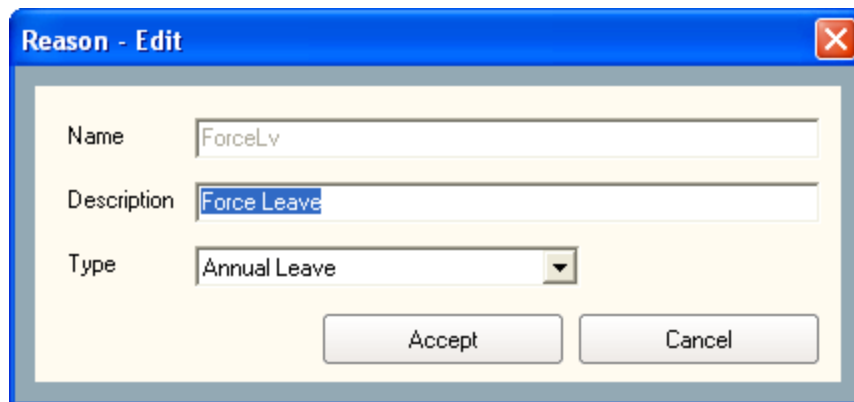
Description

Type

1. Enter a preferred time attendance reason name (it must be unique throughout the system)
2. Enter the time attendance reason description
3. Select type of leave
4. Select "Save and Close" if you finish with adding time attendance reason, select "Save and New" if you wish to add more time attendance reason or select "Cancel" to discharge the adding process

Edit [F4]

To edit existing time attendance reason in the system. Highlight on the time attendance reason and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

A screenshot of a Windows-style dialog box titled "Reason - Edit". It has a blue title bar with a close button (X) in the top right corner. The dialog contains three input fields: "Name" (a text box with "ForceLv" entered), "Description" (a text box with "Force Leave" entered), and "Type" (a dropdown menu currently showing "Annual Leave"). Below these fields are two buttons: "Accept" and "Cancel".

Reason - Edit

Name

Description

Type

1. Change the necessary fields (Name cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete [F6]

To delete existing time attendance reason in the system. Highlight on the time attendance reason and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the time attendance reason.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the time attendance reason listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the time attendance reason list to printer.

Close

Click to close the time attendance reason form.

14.5.4 View

Date	Staff No	Name	Dept	Job	Shift	Work Hour	OT

View

This section display the posted time and attendance data.

Posting button on top of the view form allow system administrator to execute manual posting from here.

More (located on the bottom left of the staff menu)

**Double click on the More bar to pop out the more menu.

View Time Attendance

Post Report Clear Authorize Refresh Close

Date	Staff No	Name	Dept	Job	Shift	Work Hour	OT
2008/10/28	EP1	Siva	IT	IT Exec	Normal shift	00:00	00:00
2008/10/28	EP2	Janice	HR	HRM	Normal shift	00:00	00:00
2008/10/28	EP3	Maria	Fin	FI Exec	Normal shift	00:00	00:00

More

Attendance Data Break Data Extra Data Filter Sort

Data

Start Work: 09:00 In: 17:24 OT 1.5: 00:00 OT 3.0: 00:00
 End Work: 18:00 Out: 17:24 OT 2.0: 00:00

Flag

Early In: ☐ Early Out: ☒ Off Day: ☐ Incomplete: ☐ On Leave: ☐
 Late In: ☒ Late Out: ☐ Overtime: ☐ Absent: ☐ On MC: ☐

• Attendance Data

Data

To show the comparison between staff time and the actual working time attendance date together with the OT rate if the particular day is a holiday

Flag

To show the staff working time status (Early in, late out absent and etc)

More

Attendance Data Break Data Extra Data Filter Sort

Data

Start Work: 09:00 In: 17:24 OT 1.5: 00:00 OT 3.0: 00:00
 End Work: 18:00 Out: 17:24 OT 2.0: 00:00

Flag

Early In: ☐ Early Out: ☒ Off Day: ☐ Incomplete: ☐ On Leave: ☐
 Late In: ☒ Late Out: ☐ Overtime: ☐ Absent: ☐ On MC: ☐

• Break Data

Data

To show the comparison between staff break time and the actual break time

Flag

To show the staff break time status (Break early out, break late in and etc)

More

Attendance Data Break Data Extra Data Filter Sort

Data

Break Start: 00:00 Break Out: _____

Break End: 00:00 Break In: _____

Flag

Break Early In: ☐ Break Late Out: ☐

Break Late In: ☐ Break Early Out: ☐

- **Extra Data**

Data

To show extra information on the time attendance data

More

Attendance Data Break Data Extra Data Filter Sort

Data

OT Entitlement: No Day Of Week: TUE Deduct (mins): 0

Out Grace (mins): 15 Is Holiday: No

Reason: _____ Record Count: 3

Remarks: _____

Last Updated: 2008/10/28 17:41:16

Authorized No

- **Filter**

Filter

To filter the staff in view page either in event type, by staff no, by department, by job or by shift. The view menu will only display the current date of the staff members after completing the posting process (to view the previous date, system administrator must select the date from and to the desire date for viewing purposes). Click on "Apply" button to apply the new setting on the filter list.

More

Attendance Data | Break Data | Extra Data | **Filter** | Sort

Filter

From: Tuesday , October 28, 2008 to Tuesday , October 28, 2008

By Event: ☒ All

By Staff: ☒ All

By Dept: ☒ All

By Job: ☒ All

By Shift: ☒ All

Apply

- **Sort**

To sort the viewing list either in Date+Staff No OR Staff No+Date

Date	Staff No	Name	Dept	Job	Shift	Work Hour	OT
2008/10/25	EP1	Shia	IT	IT Exec	Normal shift	00:00	00:00
2008/10/25	EP2	Janice	HR	HRM	Normal shift	00:00	00:00
2008/10/25	EP3	Maria	Fin	Fi Exec	Normal shift	00:00	00:00
2008/10/26	EP1	Shia	IT	IT Exec	Normal shift	00:00	00:00
2008/10/26	EP2	Janice	HR	HRM	Normal shift	00:00	00:00
2008/10/26	EP3	Maria	Fin	Fi Exec	Normal shift	00:00	00:00
2008/10/27	EP1	Shia	IT	IT Exec	Normal shift	00:00	00:00
2008/10/27	EP2	Janice	HR	HRM	Normal shift	00:00	00:00
2008/10/27	EP3	Maria	Fin	Fi Exec	Normal shift	00:00	00:00
2008/10/28	EP1	Shia	IT	IT Exec	Normal shift	00:00	00:00
2008/10/28	EP2	Janice	HR	HRM	Normal shift	00:00	00:00
2008/10/28	EP3	Maria	Fin	Fi Exec	Normal shift	00:00	00:00

More

Attendance Data | Break Data | Extra Data | Filter | **Sort**

Sort

Sort By: Date + Staff No

Post

Please refer "Posting" for detail information

Report

Clicking on this button will execute the time and attendance reporting tool for report viewing purposes. A series of filters being implemented for streamline the viewing accuracy.

Report

Report
Type: General

Date
From: Tuesday, October 28, 2008 To: Tuesday, October 28, 2008

Options
Staff: ☒ All
Dept: ☒ All
Job: ☒ All
Shift: ☒ All
Sort: Staff No. ☒ Page Break

More Options
☐ Early In ☐ Break Early In ☐ Absent ☐ Medical Leave
☐ Early Out ☐ Break Early Out ☐ Incomplete ☐ Annual Leave
☐ Late In ☐ Break Late In ☐ Overtime
☐ Late Out ☐ Break Late Out ☐ Not Working

Generate Cancel

Clear

Time and attendance data can be cleared using the clear button. Once cleared, system administrator have to re-post to re-display the data



Authorize

This allow system administrator to authorize a time in and time out for attendance data. A remark and reason can be added for record purposes.

Authorize

Record of staff to be authorized

Date: 2008/10/25

Staff No.: EP1

Name: Shia

☒ Authorize Normal Attendance

Attendance

In

☒ Has In

Date In: Saturday , October 25, 2008

Time In: 8 : 34

Out

☒ Has Out

Date Out: Saturday , October 25, 2008

Time Out: 17 : 45

Reason: (None) (None)

Remarks.: Didnt bring card

Authorize Cancel

Refresh

Click or press the shortcut key "F5" to refresh the time attendance viewing

Close

Click to close the time attendance viewing form.

14.5.5 TA Report

Report

Report Type: General

Date
 From: Tuesday, October 28, 2008 To: Tuesday, October 28, 2008

Options

Staff: ☒ All

Dept: ☒ All

Job: ☒ All

Shift: ☒ All

Sort: Staff No. ☒ Page Break

More Options

☐ Early In	☐ Break Early In	☐ Absent	☐ Medical Leave
☐ Early Out	☐ Break Early Out	☐ Incomplete	☐ Annual Leave
☐ Late In	☐ Break Late In	☐ Overtime	
☐ Late Out	☐ Break Late Out	☐ Not Working	

Generate Cancel

TA Report

Clicking on this button will execute the time and attendance reporting tool for report viewing purposes. A series of filters being implemented for streamline the viewing accuracy.

- **Report**

To show various of Time Attendance Report Types. (Early in report, reason report, time card report and etc)

- **Date**

To select the date for the Time Attendance Report. System administrator must make sure that

all the selected date to view is already been post. (posting process)

- **Options**

System administrator can filter out the staff member by staff, department, job and shift types before viewing the Time attendance report.

System administrator can also sort out the report page by staff no, name, department, job and shift types and also allowing the page break feature.

- **More Options**

Additional features for the TA reports. (The options only available for General report and Reason report)

Click on "Generate" button to generate out the time attendance report or click "Cancel" button to cancel the time attendance report.



NOTE: To generate out the report, system administrator need to install a printer driver on the PC.

TA Report format

The screenshot shows the 'Time Attendance Report' window. The title bar includes 'Click to enter to previous page', 'Click to enter to next page', 'Click to select the page number to jump', 'Click to jump to last page', 'Click to enter the printer setup', 'Click to print the report', and 'Click to save the report (ONLY in QRP format)'. The toolbar contains buttons for 'Click to change to 100% view', 'Click to change to zoom to width view', 'Click to change to zoom to fit view', 'Click to load another QRP format report', 'Click to close the TA report form', and 'Click to export the report to PDF format'. The report content area displays a table with columns for 'Attendance Reg.', 'Shift', 'Job', 'Status', 'In', 'Out', 'Break', 'Total', 'Remarks', and 'Signature'. The table is filtered by 'Department: All' and 'Shift: All'. The footer shows 'Page 1 of 1', 'Time Attendance Report', 'Host Name: and-beras', 'IP Address: 192.168.0.179', 'System User: a', and 'Data Time: Wed, 23 Jul 2009 14:09:25'. The report version is noted as 'Platform Server 1.2.7B'.

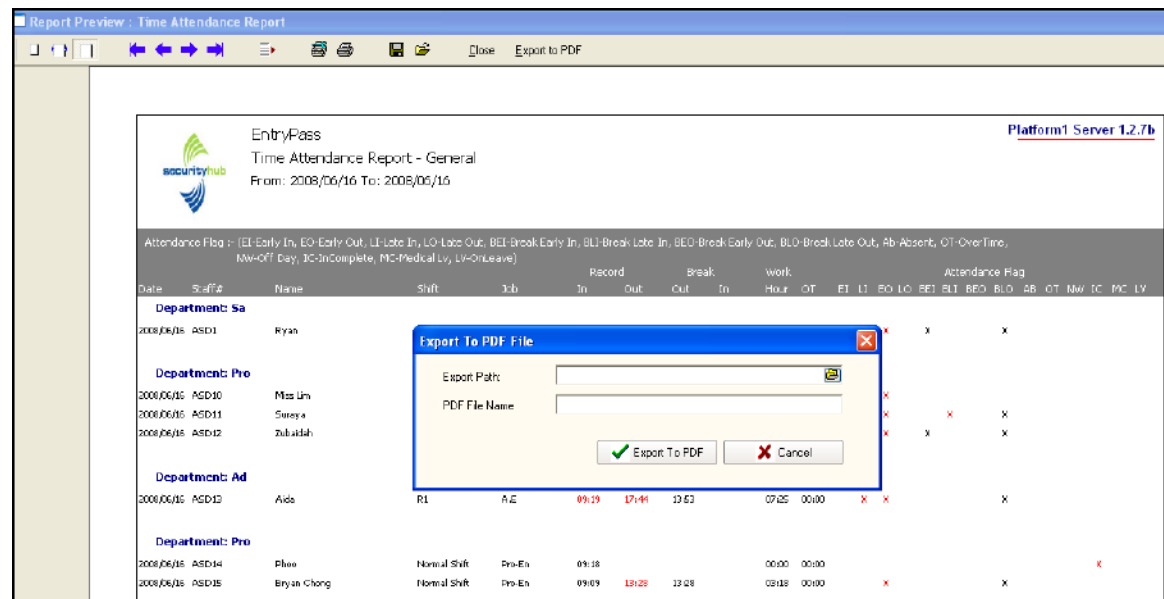
Annotations include:

- Click to enter to previous page
- Click to enter to next page
- Click to select the page number to jump
- Click to jump to last page
- Click to enter the printer setup
- Click to print the report
- Click to save the report (ONLY in QRP format)
- Click to load another QRP format report
- Click to close the TA report form
- Click to export the report to PDF format
- Report version
- Company name (Default is empty) To assign: Go to Control Panel > System > Preferences > Report
- Company logo (Default is empty) To assign: Go to Control Panel > System > Preferences > Report (Notes: ONLY support Bitmap format)
- Report Types
- Page number

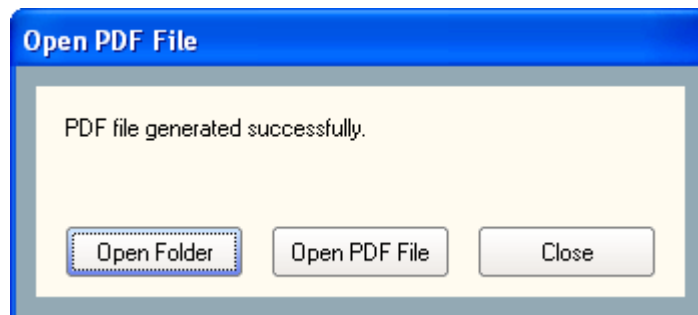
TA Report - General

Export to PDF

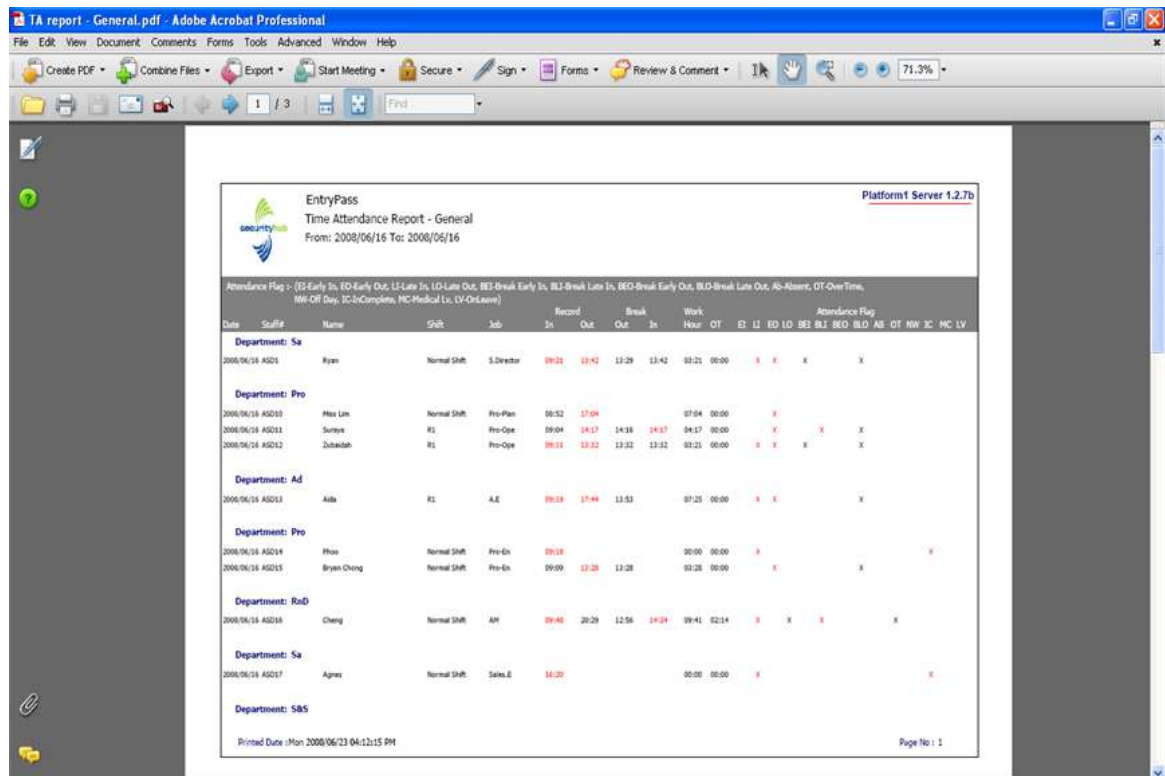
On the report form, Click on the "Export to PDF" to convert the current QRP form to PDF format.



1. Assign the path for the exported pdf file
2. Assign the name for the pdf file
3. Click on "Export To PDF" button to start export the report to pdf format or click "Cancel" button to cancel the changes and back to the report form
4. If successful, it will pop up a message showing as below:



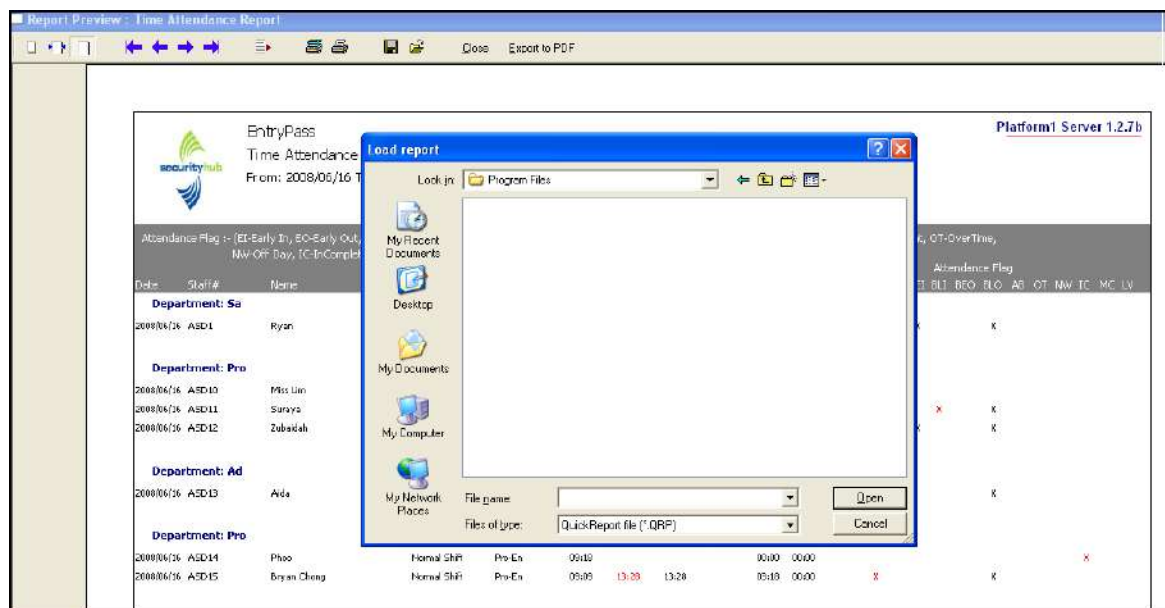
5. Click on "Open Folder" button to open the exported path folder
6. Click on "Open PDF File" button to open the pdf file
7. Click on "Close" button to close the pop up message form



TA Report in Pdf format

Load

On the report form, click on the "Load" button to load another QRP format report.

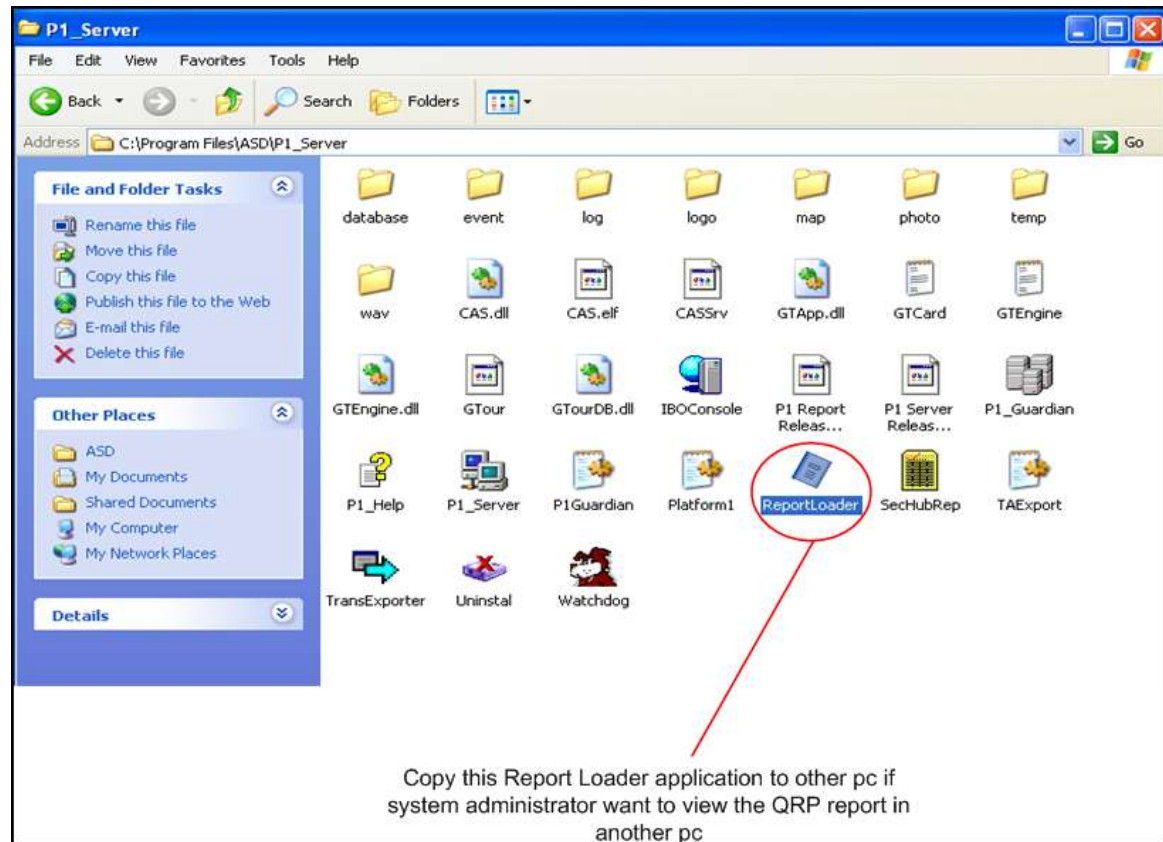


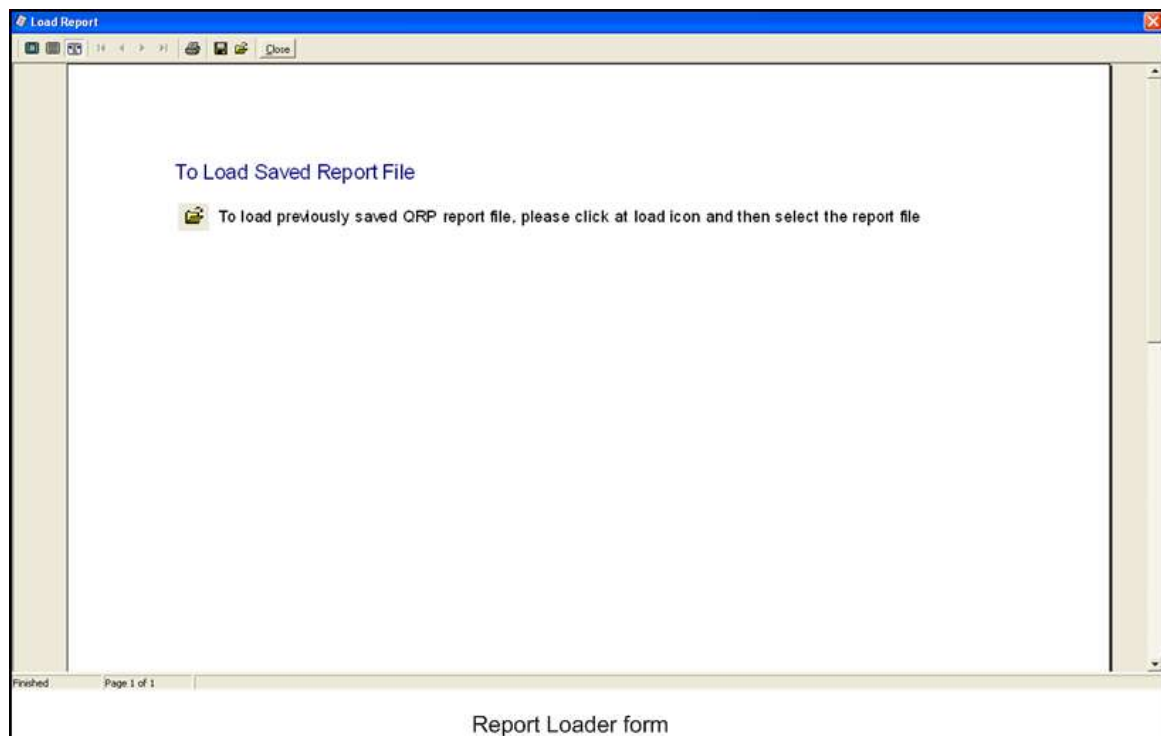
1. Locate the QRP file to be loaded in

2. Click on the "Open" button to start loading the file or click on "Cancel" button to cancel the changes and back to the current report form

How to view a QRP (Quick Report) other than using P1 Server application ?

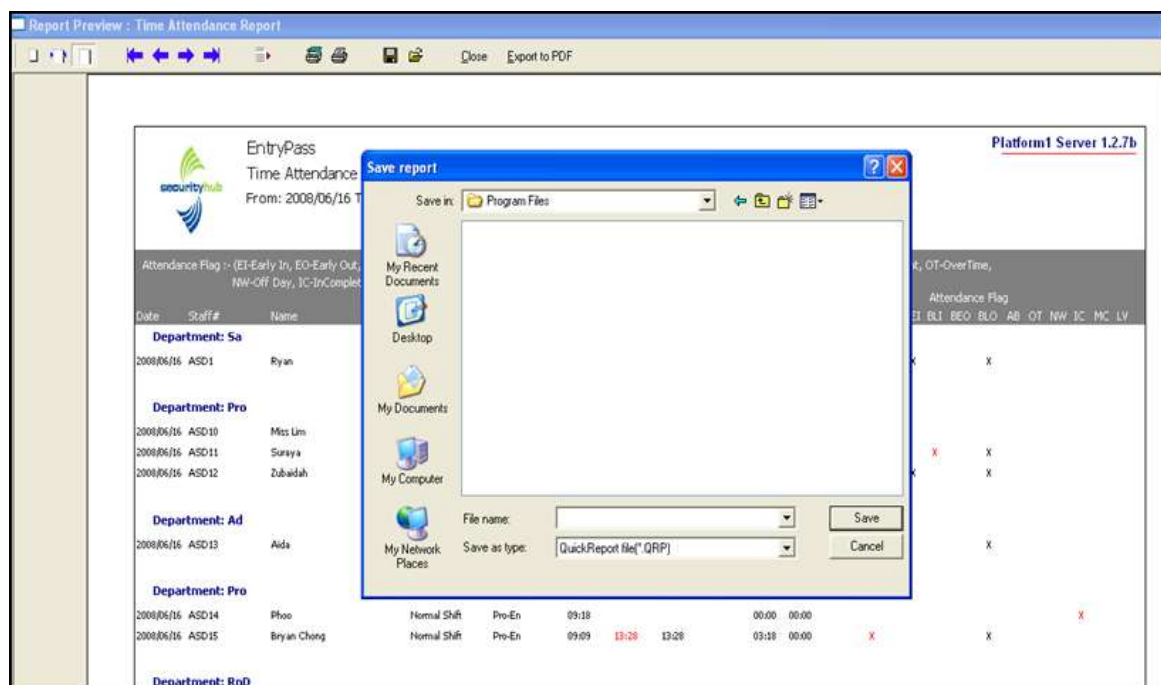
To load and view the QRP file in another pc, system administrator need to use the **ReportLoader** application to view the QRP format. This ReportLoader application is located on the P1 Server folder (The default P1 server installation path is automatically assign to **C:\Program Files\ASD\P1_Server**)





Save

On the report form, click on the "Save" button to save the current report.

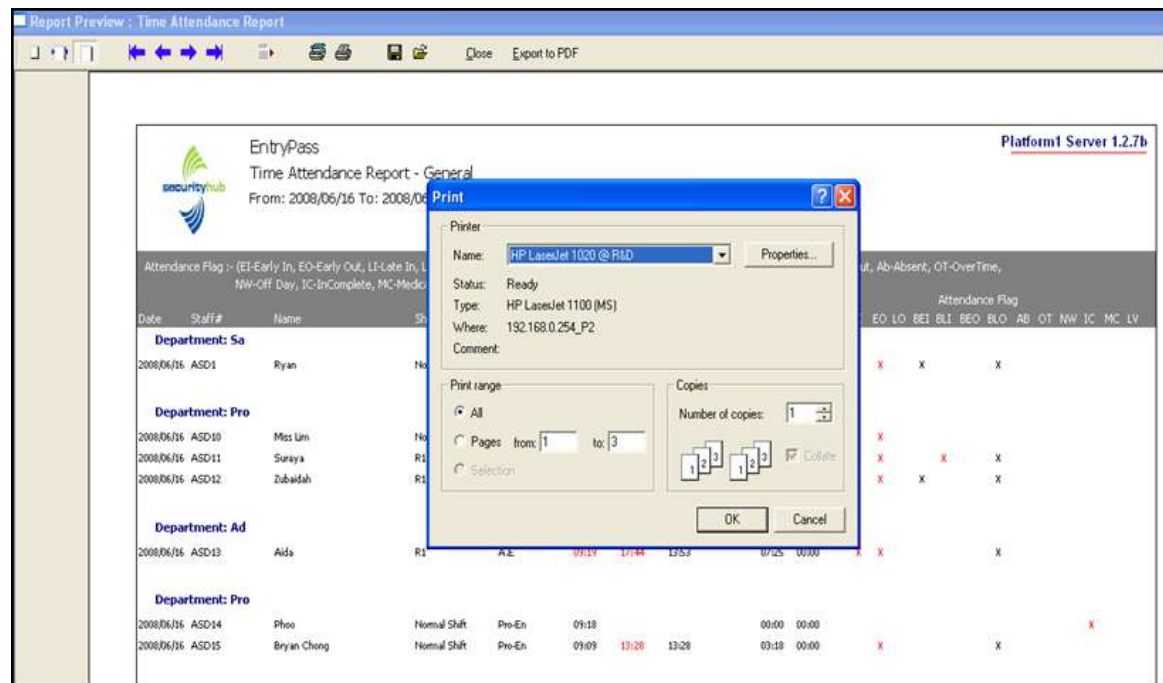


1. Select the path to save the QRP report

2. Assign a file name for the QRP report
3. Click on the "Save" button to save the file or click on "Cancel" button to cancel the changes and back to the current report form

Printer Setup

On the report form, click on the "Printer Setup" button to set or change the printer setting.



1. Printer: Select the printer to print the report based on the printer name added on the PC. Click on the "Properties" button to go to printer properties
2. Print range: Choose "All" to print all the reports or choose "Pages" to print the page base on system administrator selection (Default: set to "All")
3. Copies: Select the number of copies to be printed out (Default: set to 1)

Select the page

On the report form, click on the "Select the page" button to jump to the selected page.

Report Preview : Time Attendance Report

EntryPass
securityhub
Time Attendance Report - General
From: 2008/06/16 To: 2008/06/16

Platform1 Server 1.2.7b

Attendance Flag :- (EI-Early In, EO-Early Out, LI-Late In, LO-Late Out, BEI-Break Early In, BLI-Break Late In, BEO-Break Early Out, BLO-Break Late Out, Ab-Absent, OT-OverTime, NW-Off Day, IC-InComplete, MC-Medical Lv, LV-OnLeave)

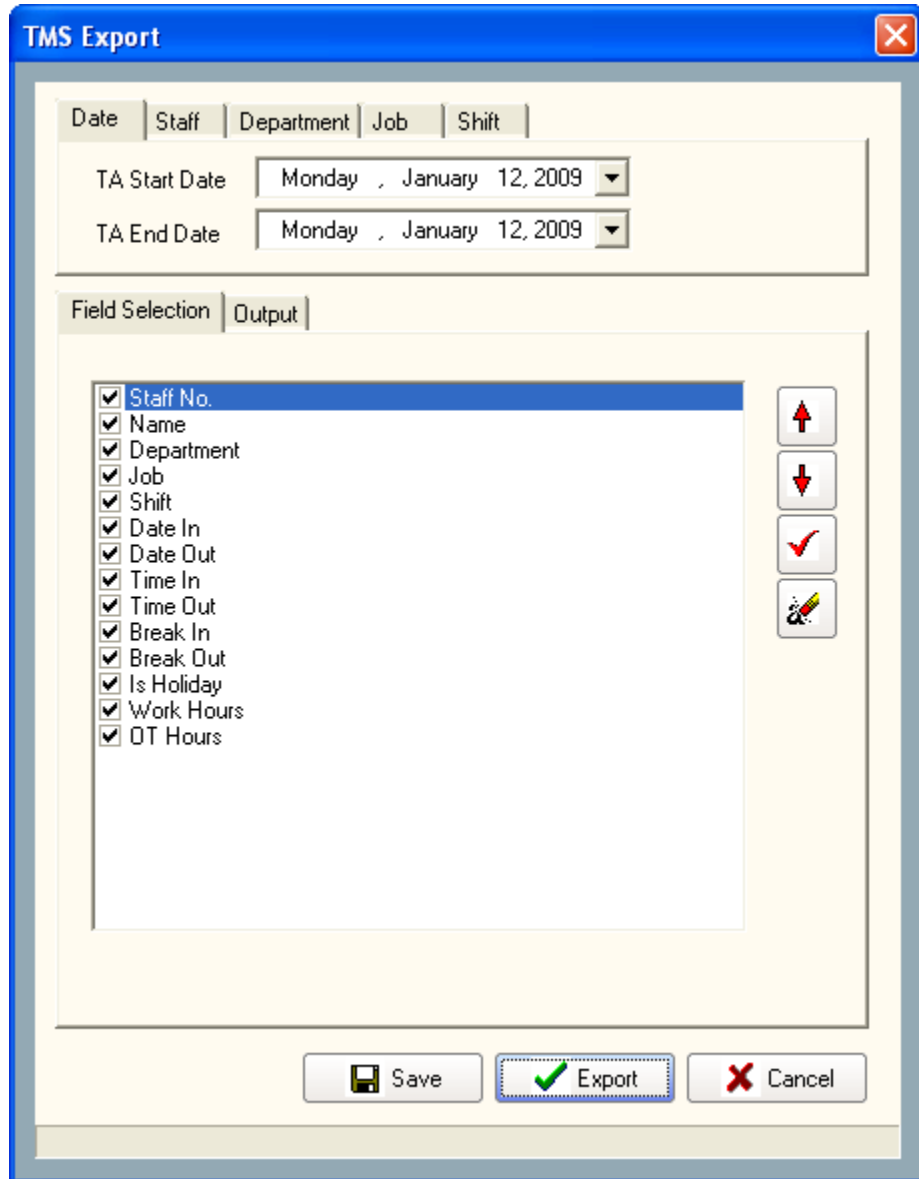
Date	Staff#	Name	Shift	Job	Record In	Record Out	Break Out	Break In	Work Hour	OT	EI	LI	EO	LO	BEI	BLI	BEO	BLO	Ab	OT	NW	IC	MC	LV
Department: Sa																								
2008/06/16	ASD1	Ryan	Normal Shift	S.Director	09:21	13:42	13:29	13:42	03:21	00:00		X	X		X									
Department: Pro																								
2008/06/16	ASD10	Miss Lin	Normal Shift	Pr																				
2008/06/16	ASD11	Soraya	R1	Pr																				
2008/06/16	ASD12	Zubaidah	R1	Pr																				
Department: Ad																								
2008/06/16	ASD13	Aida	R1	A.E	09:19	17:44	13:53		07:25	00:00		X	X											
Department: Pro																								
2008/06/16	ASD14	Phoo	Normal Shift	Pre-En	09:18					00:00	00:00													X
2008/06/16	ASD15	Bryan Chong	Normal Shift	Pre-En	09:09	13:28	13:28		03:18	00:00														
Department: RnD																								

1. Enter the page number that the system administrator want view
2. Click on the "OK" button to proceed or "Cancel" button to cancel the changes and back to the current report form



NOTE: Please go to Appendix A section to view the sample of TA reports in QRP and PDF formats

14.5.6 Export



TMS Export

Date | Staff | Department | Job | Shift

TA Start Date: Monday, January 12, 2009

TA End Date: Monday, January 12, 2009

Field Selection | Output

- ☒ Staff No.
- ☒ Name
- ☒ Department
- ☒ Job
- ☒ Shift
- ☒ Date In
- ☒ Date Out
- ☒ Time In
- ☒ Time Out
- ☒ Break In
- ☒ Break Out
- ☒ Is Holiday
- ☒ Work Hours
- ☒ OT Hours

Save Export Cancel

Export

Clicking on this button will execute the time and attendance exporting tool for data export purposes.

Date	Staff	Department	Job	Shift
TA Start Date	Monday , January 12, 2009 ▼			
TA End Date	Monday , January 12, 2009 ▼			

- **Filter: Date**

Select the date to be export out

Date	Staff	Department	Job	Shift
☒ Staff No	▼			☒ All
☐ Name	▼			☒ All

- **Filter: Staff**

Select the staff to be export out

Date	Staff	Department	Job	Shift
Department	▼			☒ All

- **Filter: Department**

Select the department to be export out

Date	Staff	Department	Job	Shift
Job	▼			☒ All

- **Filter: Job**

Select the job to be export out

Date	Staff	Department	Job	Shift
Shift	▼			☒ All

- **Filter: Shift**

Select the working shift to be export out



NOTE: System administrator can make combination between these filter options such as Department & Shift combination or Job & Shift combination to get more specific output when export

- **Field Selection**

A series of available field names included to give a better options for the system administrator to export the data for 3rd party integration. System administrator can also move up or move down the specific field by highlighting on the particular field and click on the up arrow or down arrow.

- **Output - Text file format**

File Name

Export Path - To set the path to be exported out

File Format - To select the file format either in Text or Excel form

File Name Prefix - To set the export file name

Single - Checked on "Single" if administrator wish to export out in a single file only

Multiple - Checked on "Multiple" if administrator wish to export out in a multiple file

Date suffix - To set the export file name base on the selection of the date suffix

ex: Name: TA and Date suffix: YYYYMMDD, therefore the export file should be **TA20090112** and the content of export file is base on the file date January 12th

ex: Name: TA and Date suffix YYYYMM, therefore the export file should be **TA200901** and the content of export file is base on the month of January

Staff suffix - To set the export file name base on the staff information such as Staff Name, Department , Job and Shift

ex: Name: TA, Date Suffix: YYYYMMDD and Staff suffix: Staff Name, therefore the export file should be **TA20090112John** and the content of export file is base on the file date January 12th of the selected staff



NOTE: During multiple file selection, administrator must checked either on Date suffix or Staff suffix or checked on both selection before Export out the file. Else the system will not allowed the administrator to export the file.

File Content

Date format - Select the date format for the exported data content

Include Summary - Checked to include the summary of total working time and the total OT time in the exported content

Only export those who has In or Out - Checked to only export out the staff who has In or Out transaction. Uncheck to ignore the In and Out transaction checking

Delimiter - To set the delimiter in the file content which use to separate the fields (default value: ;)

ex: staff number field ; staff name field ; card number field ; time in filed ; time out field ;

Single Line Record Output Format - Checked if system administrator plan to export the data in a single line record output

Fixed field length - Checked if system administrator plan to export the data in a fixed field length

Overwrite existing export file - Checked if system administrator plan to overwrite the existing export file

- **Output - Excel file format**

File Name

Export Path - To set the path to be exported out

File Format - To select the file format either in Text or Excel form

File Name Prefix - To set the export file name

Single - Checked on "Single" if administrator wish to export out in a single file only

Multiple - Checked on "Multiple" if administrator wish to export out in a multiple file

Date suffix - To set the export file name base on the selection of the date suffix

ex: Name: TA and Date suffix: YYYYMMDD, therefore the export file should be **TA20090112** and the content of export file is base on the file date January 12th

ex: Name: TA and Date suffix YYYYMM, therefore the export file should be **TA200901** and the content of export file is base on the month of January

Staff suffix - To set the export file name base on the staff information such as Staff Name, Department, Job and Shift

ex: Name: TA, Date Suffix: YYYYMMDD and Staff suffix: Staff Name, therefore the export file should be **TA20090112John** and the content of export file is base on the file date January 12th of the selected staff



NOTE: During multiple file selection, administrator must checked either on Date suffix or Staff suffix or checked on both selection before Export out the file

File Content

Date format - Select the date format for the exported data content

Include Summary - Checked to include the summary of total working time and the total OT time in the exported content

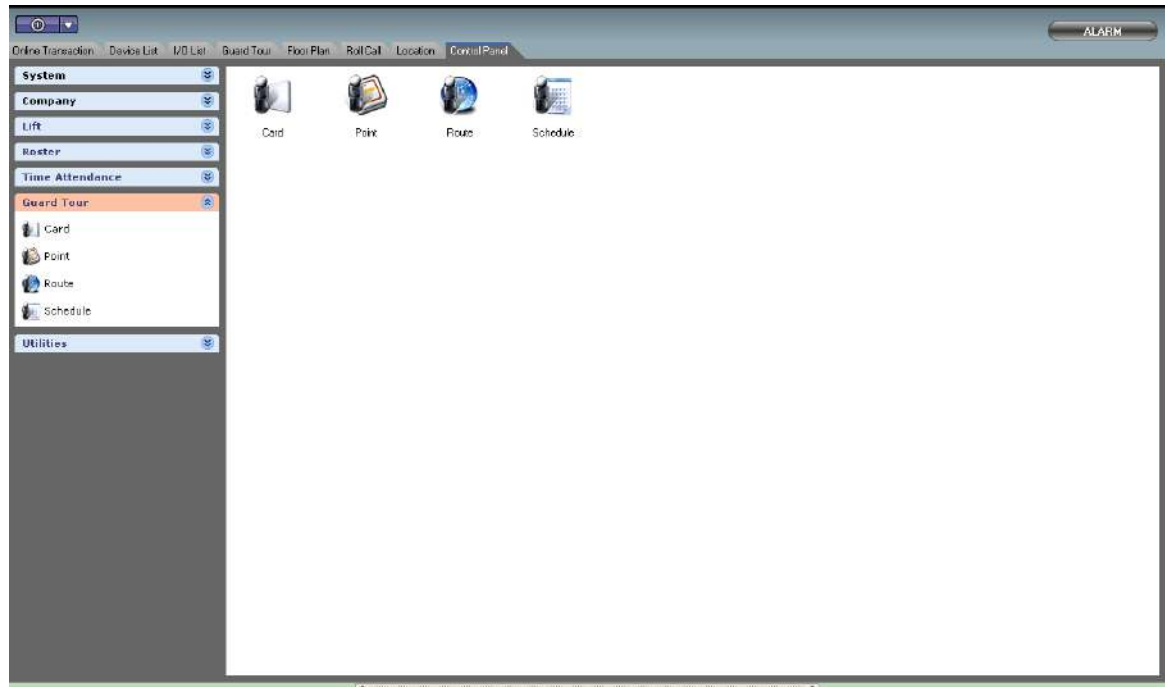
Only export those who has In or Out - Checked to only export out the staff who has In or Out transaction. Uncheck to ignore the In and Out transaction checking

Include Title - Checked to include the title for every field

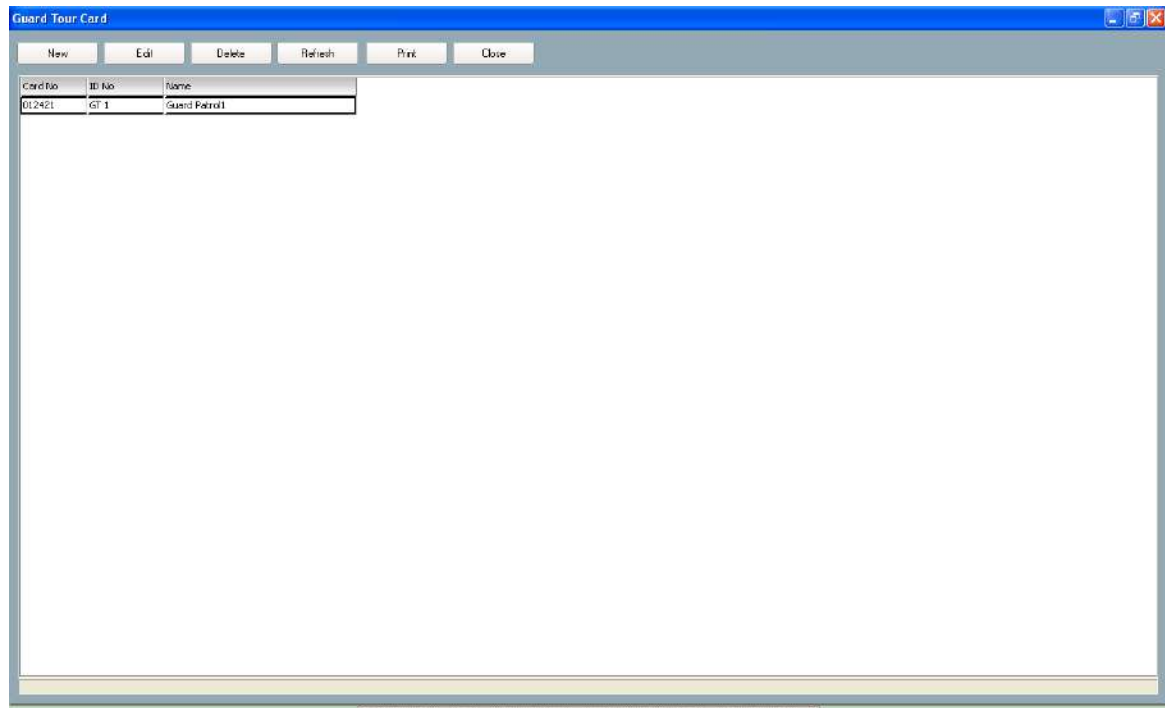


NOTE: For the auto export settings is also refer back from the Export Menu settings. Go to System > Time Attendance > Setting to enable the auto export feature

14.6 Guard Tour



14.6.1 Card

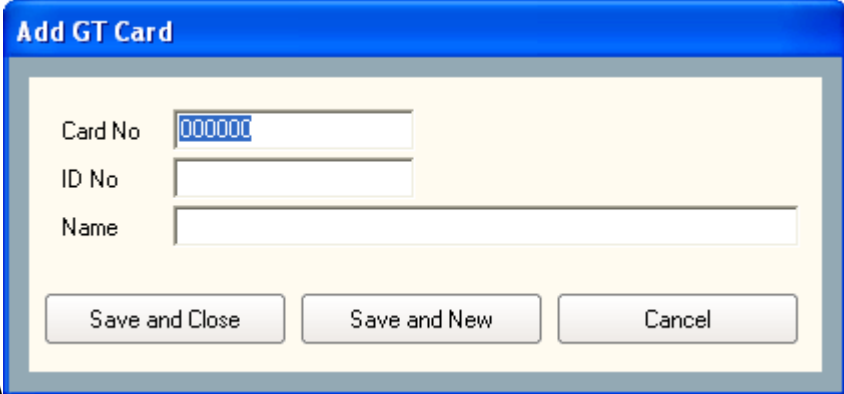


Card

This section allow system administrator to add guard tour card for the system for online guard tour features. A Guard tour card cannot open a door, it can only be used as a guard tour clocking device. A guard tour transaction will be taken as soon as a guard tour card flashed at any reader which defined as guard tour reader.

New

To add new guard tour card into the system. Click on the "New" button to bring up the add form.

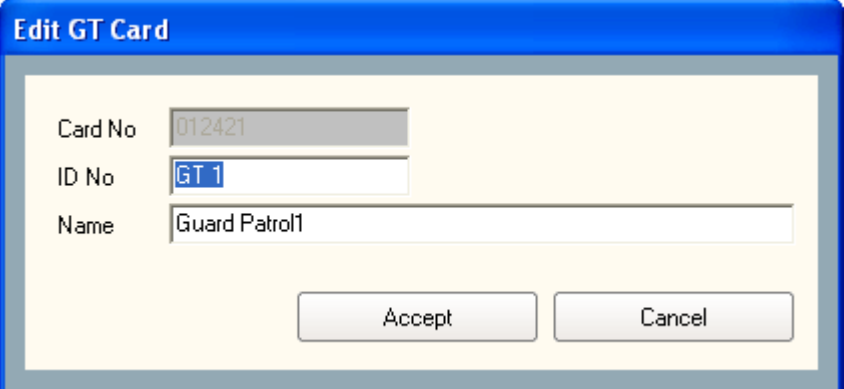


The "Add GT Card" dialog box has a blue title bar. It contains three input fields: "Card No" with the value "000000", "ID No" which is empty, and "Name" which is empty. At the bottom, there are three buttons: "Save and Close", "Save and New", and "Cancel".

1. Enter the new card number
2. Enter a guard tour ID
3. Enter guard's name who will be holding this card
4. Click "Accept-Close" to finish adding new card, "Accept - Next" to continue adding more cards or "Cancel" to discharge the new card adding process

Edit

To edit existing guard tour card in the system. Highlight on the guard tour card and click on the "Edit" button to bring up the edit form.



The "Edit GT Card" dialog box has a blue title bar. It contains three input fields: "Card No" with the value "012421", "ID No" with the value "GT 1", and "Name" with the value "Guard Patrol1". At the bottom, there are two buttons: "Accept" and "Cancel".

1. Change the necessary fields (Card No cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete

To delete existing guard tour card in the system. Highlight on the guard tour card and click on the "Delete" button to bring up the delete confirmation form.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected guard tour card.

Refresh

Click "Refresh" button to refresh the guard tour card listing.

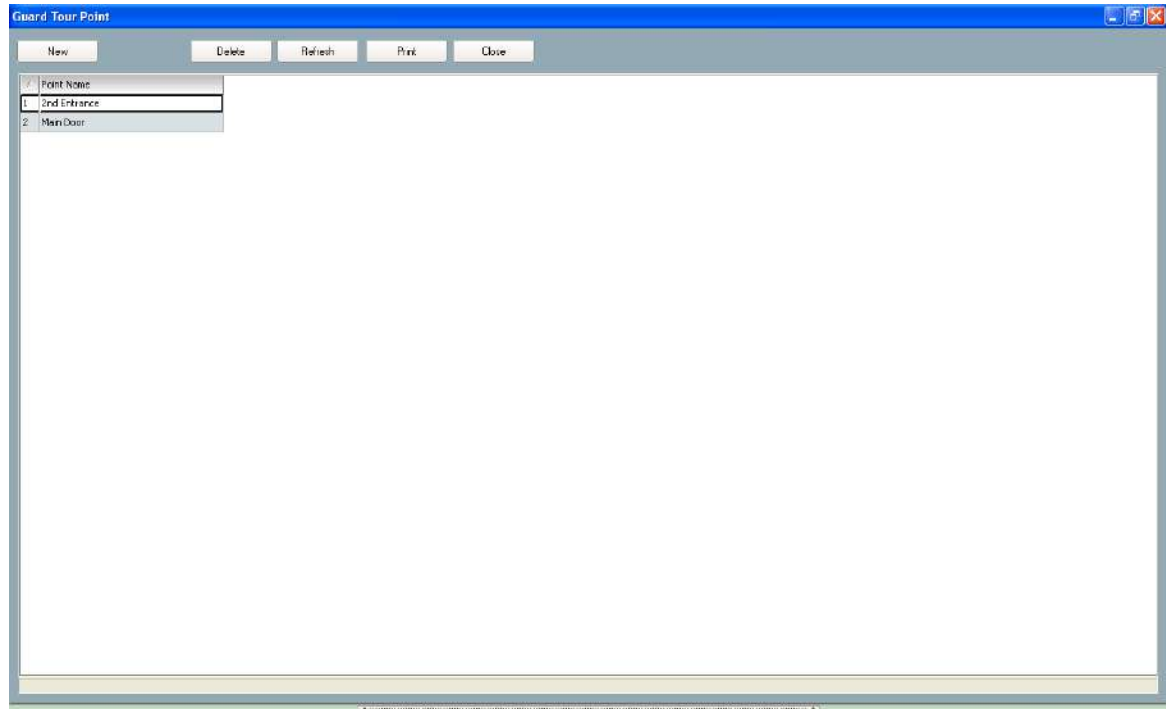
Print

Click the "Print" button to print the guard tour card list to printer.

Close

Click to close the guard tour card form.

14.6.2 Point

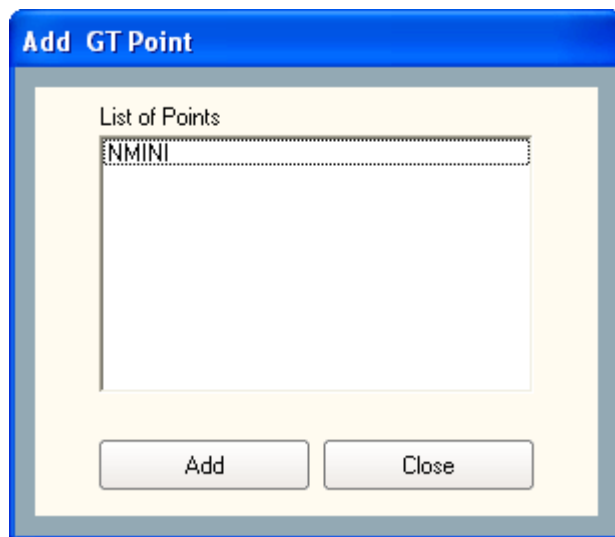


Point

This section allow system administrator to add guard tour point for the system for online guard tour features. A Guard tour point is a reader which exist in the system. Guard personnel must flash their guard tour card at a guard tour point to record a guard tour transaction.

New

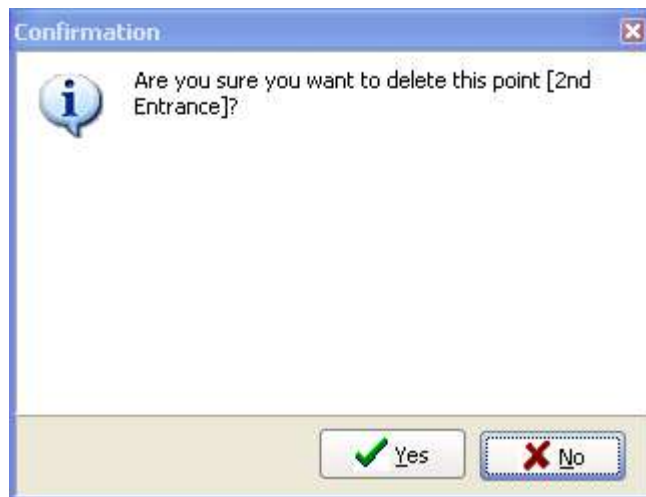
To add new guard tour point into the system. Click on the "New" button to bring up the add form.



1. Select the door reader you would like make it a guard tour point
2. Click "Add" to enter your selection
3. Click close to finish adding guard tour point

Delete

To delete existing guard tour point. Highlight on the point and click on the "Delete" button to bring up the delete confirmation form. Click "YES" to proceed to delete the point, click "NO" to abort the delete.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected guard tour card.

Refresh

Click "Refresh" button to refresh the guard tour point listing.

Print

Click the "Print" button to print the guard tour point list to printer.

Close

Click to close the guard tour point form.

14.6.3 Route

Station No	Name	Interval	Grace	Early Alarm	Late Alarm
1	Main Door	02:00	00:30	NO	YES
2	2nd Entrance	04:00	00:30	NO	YES
3	MPGN	07:00	00:30	NO	YES

Route

This section allow system administrator to add guard tour route for the system for online guard tour features. A Guard tour route is a patronize plan formed from a series of guard tour points with predefined time interval.

Selection of a series of guard tour point to form a route for the guard to carry out scheduled patrolling

New

To add new guard tour route. Click on the "New" button to bring up the add form.

Add GT Route

Route

No:

Name:

Duration: 00:02:00

Buttons: Cards, Accept, Close

Point No	Point Name	Interval (min:sec)	Grace period (min:sec)	Early alarm	Late alarm
1	2) Main Door	02:00	00:30	NO	YES

1. Select route number
2. Enter a name for the route
3. Select the predefined points to be included in this route
4. Enter the time from Point A to Point B
5. Select if an early alarm is required
6. Select if a late alarm is required
7. Once finish creating for for the first point, on the late alarm position, system administrator need to press "Enter" to proceed into the second point.
8. Select guard tour card by clicking on the "Cards" button to insert guard tour card which can carry out patrolling on this route

Edit Route Card

List of Cards: Total: 0

Buttons: Add, Remove, Accept, Cancel

9. Click on "Add" button to select pre-installed card or click on "New" button to install a new Guard Tour Card.

Select Cards

List of available cards

Card No	ID No	Name
012421	GT 1	Guard Patrol1

New Select Refresh Cancel

10. Highlight the guard tour card and click "Select" button to make your selection
11. Click "Accept" to finish adding guard tour cards to this route
12. Click "Accept" again to finish customizing this route

Edit

To edit existing guard tour route in the system. Highlight on the route and click on the "Edit" button to bring up the edit form.

Edit GT Route

Route

No:

Name:

Duration: 00:10:00

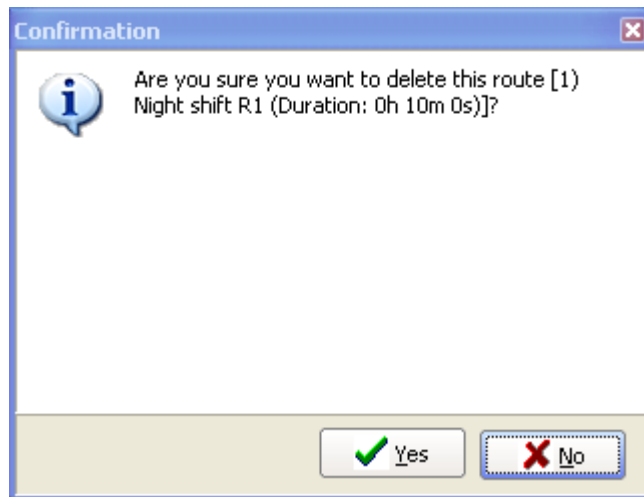
Buttons: Cards, Accept, Close

Point No	Point Name	Interval (min:sec)	Grace period (min:sec)	Early alarm	Late alarm
	2) Main Door	02:00	00:30	NO	YES
	1) 2nd Entrance	05:00	00:30	NO	YES
	3) NMINI	03:00	00:30	NO	YES

1. Change the necessary fields (Route no. cannot not be modified once created)
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete

To delete existing guard tour route. Highlight on the route and click on the "Delete" button to bring up the delete confirmation form. Click "YES" to proceed to delete the route, click "NO" to abort the delete.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected guard tour route.

Refresh

Click "Refresh" button to refresh the guard tour route listing.

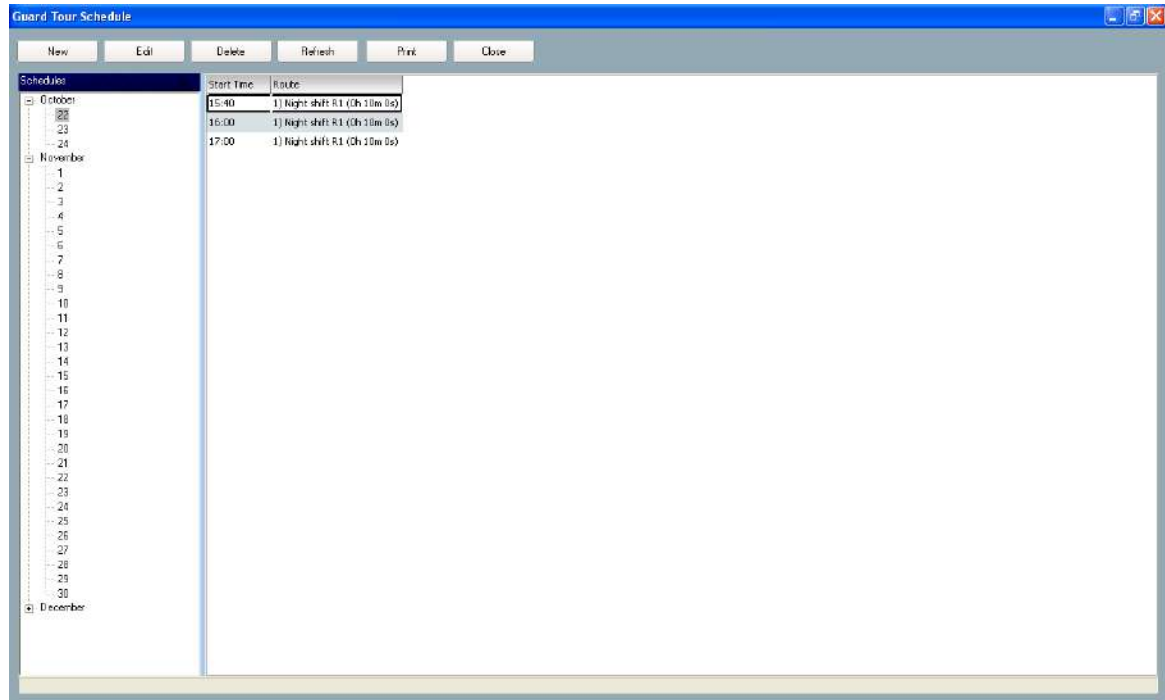
Print

Click the "Print" button to print the guard tour route list to printer.

Close

Click to close the guard tour route form.

14.6.4 Schedule



Guard Tour Schedule

This section allow system administrator to add guard tour schedule for the system for online guard tour features.

New

To add new guard tour schedule. Click on the "New" button to bring up the add form.

Add GT Schedule

Oct 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Advanced

Copy route setup

Paste route setup

☒ selected date

☐ from date: 29 to 29

☐ defined days of the month

☐ Monday ☐ Tuesday

☐ Wednesday ☐ Thursday

☐ Friday ☐ Saturday

☐ Sunday

Start Time ^	Route
22:00	1) Night shift R1 (C
23:59	1) Night shift R1 (C
02:00	1) Night shift R1 (C
04:00	1) Night shift R1 (C
06:00	1) Night shift R1 (C

Save to selected date

29 Oct 2008, 10:03:01

Accept Cancel

1. Select the date you would like to schedule the guard tour route (System administrator can highlight and drag on the calendar table)
2. Click on the "Start Time" column to choose a time to start a route
3. Click on the "Route" column to choose a route to be execute on that time and then press "Enter" to proceed to the next start time again
4. Continue to Step-2 and Step-3 to add more route to the date
5. Once completed, click "Save to selected date" button to save all route schedule for that day.
6. If you wish to add this route schedule to other date as well, click on the "Copy route setup" button and select the date you wish to apply on and click on the "Paste route setup" button
7. Click accept to finish scheduling the guard tour time table

Edit

To edit existing guard tour schedule in the system. Highlight on the schedule and click on the "Edit" button to bring up the edit form.

Edit GT Schedule

Nov 2008

Sun Mon Tue Wed Thu Fri Sat

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30

Advanced

Copy route setup

Paste route setup

☒ selected date

☐ from date: 29 to 29

☐ defined days of the month

☐ Monday ☐ Tuesday

☐ Wednesday ☐ Thursday

☐ Friday ☐ Saturday

☐ Sunday

Start Time ^	Route
02:00	1) Night shift R1 (C
04:00	1) Night shift R1 (C
06:00	1) Night shift R1 (C
08:00	1) Night shift R1 (C
18:00	1) Night shift R1 (C
20:00	1) Night shift R1 (C
22:00	1) Night shift R1 (C
23:59	1) Night shift R1 (C

Save to selected date

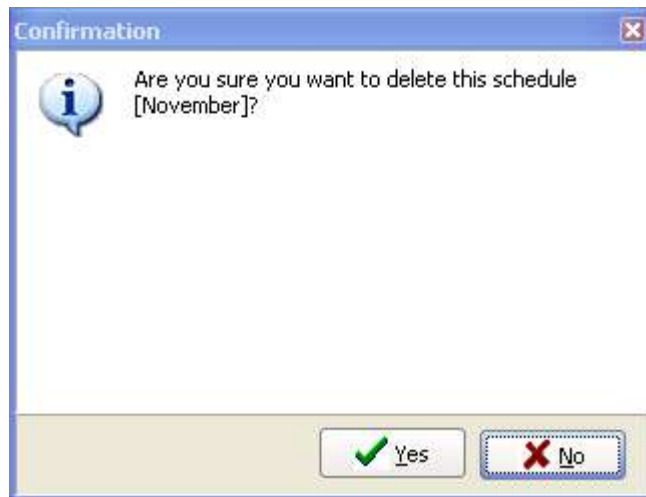
29 Oct 2008, 10:08:20

Accept Cancel

1. Change the necessary fields
8. Once completed, click "Save to selected date" button to save all route schedule for that day.
2. Click on "Accept" to save the changes or "Cancel" discharge the changes.

Delete

To delete existing guard tour schedule. Highlight on the schedule and click on the "Delete" button to bring up the delete confirmation form. Click "YES" to proceed to delete the schedule, click "NO" to abort the delete.



1. Click on "Yes" to confirm the delete, or "No" if decided not to delete the selected guard tour schedule.

Refresh

Click "Refresh" button to refresh the guard tour schedule listing.

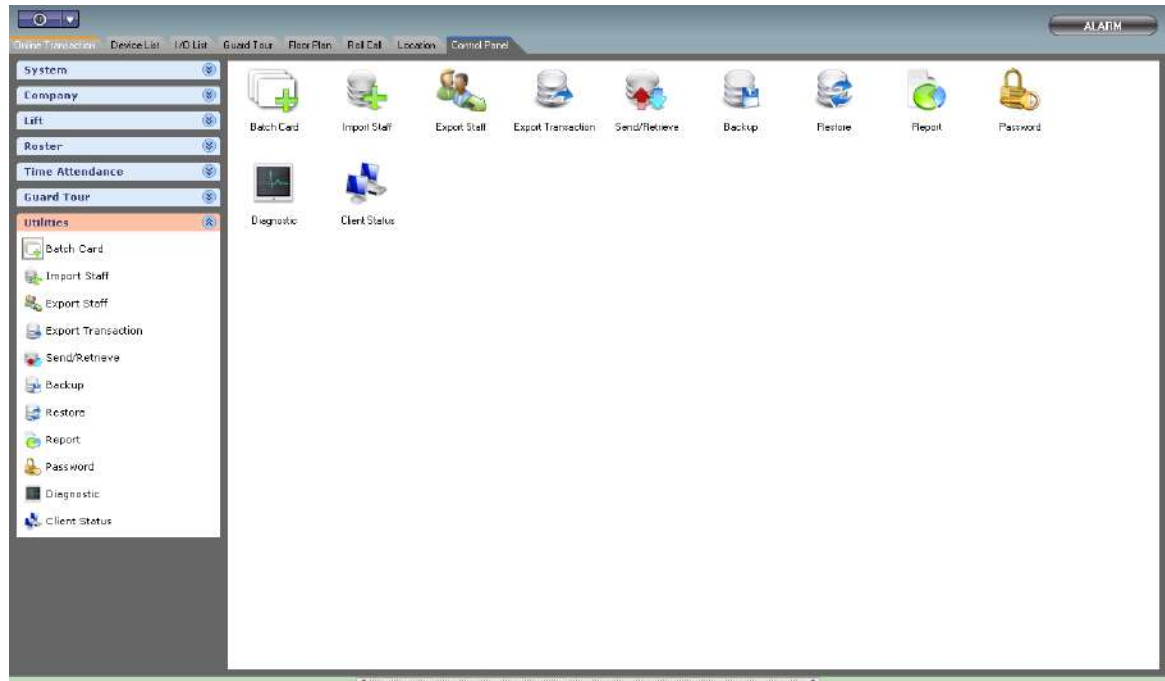
Print

Click the "Print" button to print the guard tour schedule list to printer.

Close

Click to close the guard tour schedule form.

14.7 Utilities



14.7.1 Batch Card

Batch Card

Card No. From Card No. To

Personal Data | Card Data

Preset Staff No

Staff No. Prefix

Separator

Suffix

Preset Staff Name

Staff Name Prefix

Separator

Suffix

Department ☒

Job ☒

Shift Type ☒ Normal ☐ Roster

Shift ☒

Send To Controller ☐ No

Status:

Batch Card

This section allow system administrator to add the card by batch (if only the cards purchased are in sequence order numbers)

- Select the card range from and to (Must be in ascending order)
- Tick if system administrator wish to send to the controllers as well during the batch card process (Default: No)
- Click on Generate to start the process and Cancel to exit the Batch Card menu

Personal Data

- **Preset Staff No**

To assign the setting for the staff no

1. *Staff No. Prefix - Assign the value for the staff no (Default: STAFF)*
2. *Separator - Assign a separator to split the staff name prefix and the suffix. Remain empty on the slot if system administrator do not wish to split the prefix and the suffix contents*
3. *Suffix - The suffix value is base on the card no and is fix (Unable to change the value)*

Ex: Card no. = **33212**
Staff no. = **STAFF-33212**

- **Preset Staff name**

To assign the setting for the staff name

1. *Staff Name Prefix - Assign the value for the staff name (Default: STAFF)*
2. *Separator - Assign a separator to split the staff name prefix and the suffix. Remain empty on the slot if system administrator do not wish to split the prefix and the suffix contents*
3. *Suffix - The suffix value is base on the card no and is fix (Unable to change the value)*

- **Department**

Select the department for the range of the batch (only applicable if all the staffs within the batch range are in same department)

- **Job**

Select the job for the range of the batch (only applicable if all the staffs within the batch range are in same job)

- **Shift**

Select the work shift for the range of the batch (only applicable if all the staffs within the batch range are in same working shift)

Card Data

Batch Card

Card No. From Card No. To

Personal Data Card Data

General Lift

Start Date

End Date

Access Level Full Access ☒

Buddy Mode ☐ No Buddy No

Antipassback ☒ Yes

Activate ☒ Yes

Send To Controller ☐ No

Generate Cancel

Status:

- **General**
To create the access card for the staff member, please refer from the Control Panel > Company > "Staff" for more details
- **Lift**
To create the lift card for the staff member, please refer from the Control Panel > Company > "Staff" for more detail.



NOTE: Checked on the "Send to Controller" to send the card data to the controller database as well

14.7.2 Import Staff

Manual Auto

File Name Select

Parameters Load

Access Group Delimiter

General Photo

Table Fields	Column No.
Staff No.	
Staff Name	
Card No.	
IC No	
Department	
Job	

Import Start Row selected row

End Row selected row

(0 for last row)

Notes:
Date must be in dd/mm/yyyy format.

☐ Import from EntryPass Evolution software ☐ Add/Update cards to controllers

Import Save Cancel

Import Staff

This section allow system administrator to import the staff details from third party integration.

Manual

1. On the file name, click on the "Select" button to look for path of the import file. The supported files are csv, Microsoft Excel (Preferable), Microsoft Access and D Base.

2. After locating the path of the import file, click on the "Load" button to load the import file and the data will appear. Please make sure that the computer is installed with Microsoft Excel if the imported file is in xls form.

The screenshot shows a software interface for importing data. At the top, there are two input fields: "File Name" and "Sheet Name". The "File Name" field contains the path "D:\Documents and Settings\Darren\Desl". To the right of these fields are two buttons: "Select" and "Load". Below the input fields is a table with 7 columns labeled "Col 0" through "Col 6". The table contains three rows of data. The first row has headers: "Card No", "Staff No", "Staff Name", "Department", "Job Title", "Shift Code", and "Door A". The second row contains: "047100", "ASD4", "Chow Yun F.", "AD", "Admin.Exec", "Normal", and "001". The third row contains: "112245", "ASD3", "Michelle", "RnD", "S.Engineer", "Normal", and "001". The fourth row contains: "123456", "ASD1", "Donnie", "Fin", "M.Exe", "Normal", and "001". There are navigation arrows on the left and right sides of the table.

Col 0	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6
Card No	Staff No	Staff Name	Department	Job Title	Shift Code	Door A
047100	ASD4	Chow Yun F.	AD	Admin.Exec	Normal	001
112245	ASD3	Michelle	RnD	S.Engineer	Normal	001
123456	ASD1	Donnie	Fin	M.Exe	Normal	001

3. Under the table field, system administrator need to fill up the table according to the import data.
4. Under the Import Start row, the default is 1 but if the import file is with title in row 1, system administrator need to set it as to 2 to import the first staff detail.
5. Under the end row, the default is 0 where 0 indicates the last row of the file.
6. Tick if the file is imported from Evolution software.
7. Tick if the system administrator wants to send the cards to the controllers as well.
8. Click on the "Import" button to start the import process or click on "Cancel" to exit the import staff menu



NOTE: Please make sure that the import file date must be in **dd/mm/yyyy** format

Auto

Auto import staff is an integration with third party software where the software will shoot the data and sent to the import path. As for the P1 Server, it will run a scan on the import path every 5 second and once the system detected a file (ONLY support text file and the file name prefix must set as "P1Imp_"), it will grab the file and automatically import the staff data into the system staff database. When finish processing, the system will automatically delete the text file.

Manual **Auto**

Auto Import

Import Path 

Delimiter

Access Group Delimiter

Sheet Name (for Excel file)

Table Fields	Column No.
Staff No.	0
Staff Name	0
Card No.	0
IC No	0
Department	0
Job	0
Shift	0

Import Start Row

End Row
(0 for last row)

☐ Import from EntryPass Evolution software

Notes:

1. Set Column to 0 for field that you don't want to import.
2. Date must be in dd/mm/yyyy format.
3. Import file's name must start with prefix 'P1Imp_'
4. Column Card Access Group (Eg. "Group 1;Group 2")

1. Select Yes on the auto import (Default: No)
2. Select the path for the import file and make sure the file name must start with prefix "**P1imp_**" (Auto import staff only support text format)
3. Assign a delimiter for the import file
4. Assign a delimiter for the Access Group
5. Assign a sheet name for EXCEL File
6. Assign the table fields contents with the correct column no. (Set column to 0 if system administrator does not wish to import it out)
7. Assign the start row and the end row (0 represent last row)
8. Checked on "Import from ENTRYPASS Evolution Software" if the import file is from that software
9. Click on the "Save" button to save all the auto import staff settings or click on "Cancel" to exit the import staff menu

Manual Auto

Auto Import

Import Path

Delimiter

Access Group Delimiter

Sheet Name (for Excel file)

Table Fields	Column No.
Is Lift Card	0
Lift Card Start Date	0
Lift Card End Date	0
Lift Access Level	0
Lift Card Activate	0
Send to Controller	0

Import Start Row

End Row
(0 for last row)

☐ Import from EntryPass Evolution software

Notes:

1. Set Column to 0 for field that you don't want to import.
2. Date must be in dd/mm/yyyy format.
3. Import file's name must start with prefix 'P1Imp_'
4. Column Card Access Group (Eg. "Group 1;Group 2")

Import Save Cancel

For Auto Import, if the content for "Send Controller" is '1', imported staff card will then send to controller; if the content for "Send Controller" is '0', imported staff card will only stored in database, user need manually send it to controller



NOTE: Please make sure that the table field column arrangement must set exactly the same with the third party software settings

For example, if the format of the import file is as follows:

Staff No,Name,Card No,Department,Job,Access Level,Send to Controller

and the content is as follows:

A123,Dennis,123456,Software,Manager,1,1
B123,Ryan,135790,Sales,Director,1,0

then you must set the table fields and column no. as follows:

Table Fields	Column No
Staff No	1
Staff Name	2
Card No	3
Department	4
Job Post	5
Access Level	6
Send to Controller	7

and set the rest of the table fields to 0.

Please note that only card 123456 for Dennis will be sent to the controller due to "Send to Controller" content is 1



NOTE: The system will run a scan every 5seconds on the import path to look for the text file

14.7.3 Export Staff

Staff

Staff Department Job Shift

☒ Staff No ☒ All

☐ Card No ☒ All

☐ Name ☒ All

Fields Available

☐ Staff No
☐ Staff Name
☐ IC No
☐ Gender
☐ Date of Birth
☐ Date of Join
☐ Department
☐ Job
☐ Shift
☐ Card No
☐ Card Type

Options

Export Format Others

Export Format ☒ Text File ☐ MS Excel File ☐ CSV File

Delimiter

File Name

☒ Single Line Record Output Format ☐ Fixed Field Length

Save Setting Export Close

Status:

Export Staff

This section allow system administrator to export out the staff details for third party integration.

- **Staff**

System administrator can filter the staff member to be export out by staff no, staff name, card

no, department, job and shift.

- **Fields Available**

A series of available field names included to give a better options for the system administrator to export the data for 3rd party integration.

System administrator can also move up or move down the specific field by highlighting on the particular field and click on the up arrow or down arrow.

- **Options**

Export Format

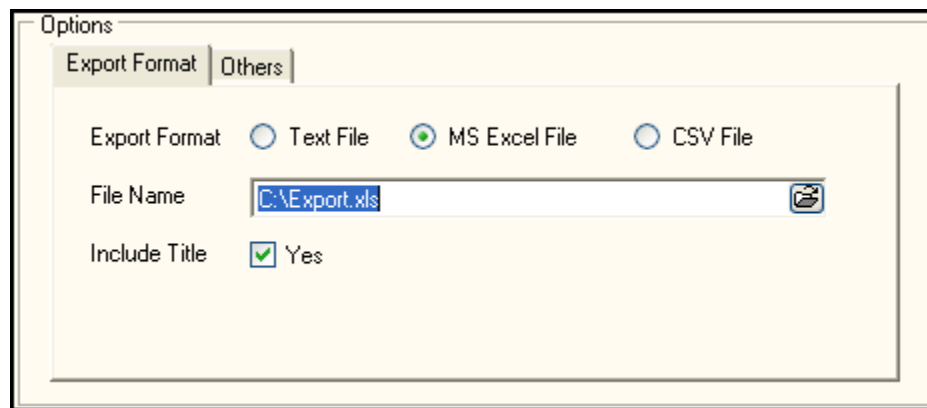
There are 3 types of export format:

Text File

1. Choose text file on the export format
2. Assign the delimiter to split the field
3. Create a path for the export file
4. Tick if system administrator wants to export the data in a single line record output
5. Tick if system administrator wants to export the data in a fixed field length
6. Click on "Save Setting" button to save the setting on export staff
7. To export the staff data, click on the "Export" button or click on "Close" to exit from the export staff menu

Ms Excel File

8. Choose MS Excel file on the export format
9. Create a path for the export file
10. Tick if system administrator wants to include title as well
11. Click on "Save Setting" button to save the setting on export staff
12. To export the staff data, click on the "Export" button or click on "Close" to exit from the export staff menu



Options

Export Format Others

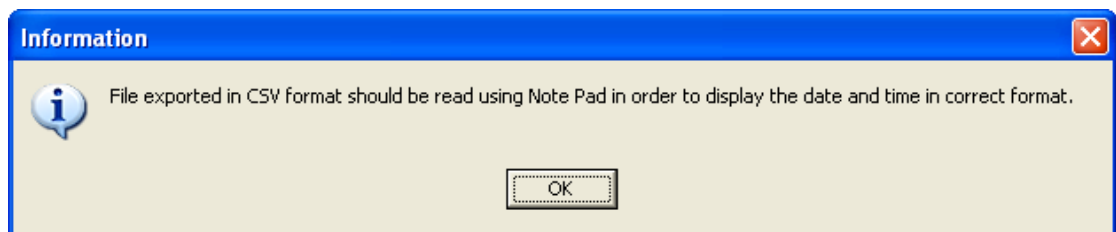
Export Format ☐ Text File ☒ MS Excel File ☐ CSV File

File Name C:\Export.xls

Include Title ☒ Yes

CSV File

13. Choose CSV file on the export format. When choose as a CSV file, an information form will pop out for system administrator to take note.



Information

File exported in CSV format should be read using Note Pad in order to display the date and time in correct format.

OK

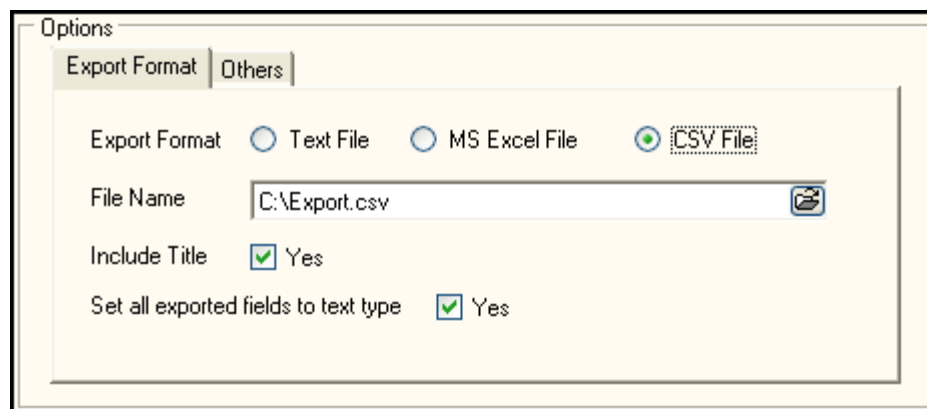
14. Create a path for the export file

15. Tick if system administrator wants to include title as well

16. Tick if system administrator wants to set all exported fields to text type

17. Click on "Save Setting" button to save the setting on export staff

18. To export the staff data, click on the "Export" button or click on "Close" to exit from the export staff menu



Options

Export Format Others

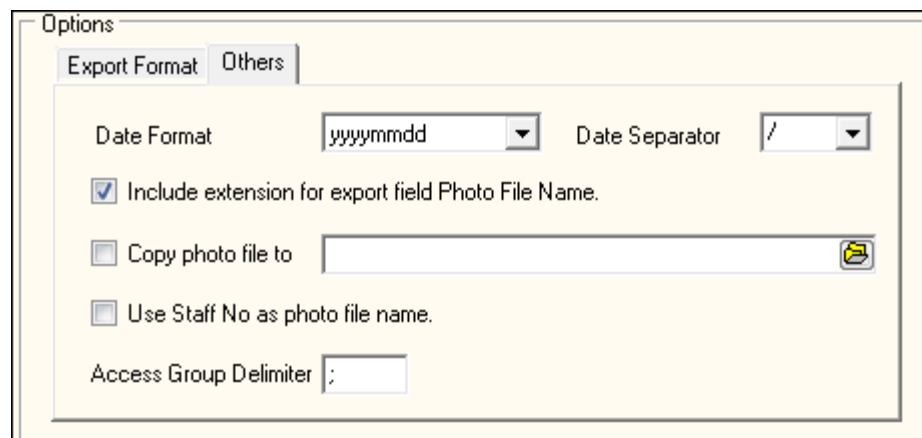
Export Format ☐ Text File ☐ MS Excel File ☒ CSV File

File Name C:\Export.csv

Include Title ☒ Yes

Set all exported fields to text type ☒ Yes

Others



1. Select the date format and the date separator for the export data
2. Tick to include the extension for the export field photo file name
3. Tick and select the path for the photo file to be transferred
4. Tick to use the staff no as photo file name
5. Assign the delimiter for Access Group
6. Click on "Save Setting" button to save the setting on export staff
7. To export the staff data, click on the "Export" button or click on "Close" to exit from the export staff menu

14.7.4 Export Transaction

Manual Auto

Export Staff

From: Thursday , January 20, 2011

To: Thursday , January 20, 2011

Export Path: C:\

Export Format: ☒ Text File ☐ MS Excel File ☐ CSV File

Output File: ☒ Single File ☐ Multiple File ☐ Include Suffix

File Extension:

File Name Prefix: Data File Name Suffix:

Date Format: yyyyymmdd Time Format: HHnnss

Delimiter: : ☐ Fixed Field Length

Dummy Value:

Replace Transaction Code (IN) with and Transaction Code (OUT) with

Field Selection

- ☒ Transaction Date
- ☒ Transaction Time
- ☒ Transaction Code
- ☒ Transaction Description
- ☒ Staff No.
- ☒ Staff Name
- ☒ Card No.
- ☒ Department
- ☒ Job

Event

☒ All Events ☐ Valid Card swipe Only ☐ All Card swipe

Door Events:

☐ All ☐ Close Only ☐ Open Only ☐ Left Open Only

☐ Overwrite Existing Export File

Save Setting Export Close

Status:

Export Transaction

This section allow system administrator to export out the raw transactions for third party integration.

Manual

1. For Export: Select the date range of the transaction to be exported out

The screenshot shows a web interface with two tabs: 'Export' and 'Staff'. The 'Export' tab is active. Below the tabs, there are two date selection fields. The 'From' field is set to 'Thursday , July 24, 2008' and the 'To' field is set to 'Saturday , July 26, 2008'. Both fields have dropdown arrows on the right.

2. For Staff: System administrator can have the selection to choose only the specific staff transactions to be exported out ONLY. To filter by:

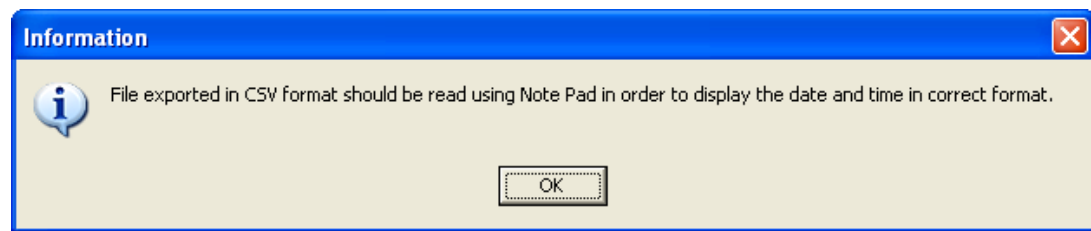
- a. Staff No: Select the Staff No and click on the link, the Staff No listing will pop up. Highlight on the selected staff no and click on it to select the staff.
- b. Card No: Select the Card No and click on the link, the Card No listing will pop up. Highlight on the selected card no and click on it to select the staff.
- c. Name: Select the Name and click on the link, the Name listing will pop up. Highlight on the selected name and click on it to select the staff.

The screenshot shows the 'Staff' tab selected. There are three rows of selection options, each with a radio button, a text input field, a dropdown arrow, and a checkbox labeled 'All'. The first row is for 'Staff No', the second for 'Card No', and the third for 'Name'. The 'Staff No' radio button is selected.

3. Select the export path

4. Select the export format:

- **Text file:** when export as a text file, system administrator can only assign the prefix name and suffix name if the output file is a multiple file and system administrator can choose either not to overwrite the file or to overwrite the file. Example, if the output file is a single file and the prefix name is Data (default) then the exported file will be name as Data and it will appear base on the exported path that the system administrator define and if 'overwrite the existing export file' selection is selected, then the text file will only stored the latest export file where those previous exported file will be erased.
- **MS Excel file:** when export as a excel file, system administrator can assign both the prefix and the suffix name if the output file is a multiple file and for the 'overwrite existing export file' selection, it already been set to overwrite the file. Example, if the output file is a multiple file, prefix name is Data (default) and the suffix name is YYYYMMDD then the exported file will be Data20080909.
- **CSV file:** when export as a csv file, system administrator can assign both the prefix and the suffix name if the output file is a multiple file and for the 'overwrite existing export file' selection, it already been set to overwrite the file. Example, if the output file is a multiple file, prefix name is Data (default) and the suffix name is YYYYMMDD then the exported file will be Data20080909. Upon the selection of CSV file, this Information form will pop out for system administrator to take Note:



5. Select the output file for the exported file either in single file or multiple file where the single file can only set the prefix name where multiple file can set both the prefix and suffix names.
6. Assign a File Extension (e.g.: TXT)
7. Assign a name for the export file (prefix and suffix)
8. Select the date format and time format for the export data
9. Select a delimiter and a dummy for the export data
10. Tick to enable the fixed field length
11. System administrator can change the In and out transaction code for the export data (If necessary)
12. A series of available field names included to give a better options for the system administrator to export the data for 3rd party integration (System administrator can also move up or move down the specific field by highlighting on the particular field and click on the up arrow or down arrow)
13. Under the event, system administrator can select which event to be export out only
14. Tick to overwrite the existing export file (If don't tick, the data will be keep on repeating)
15. Click on "Save Setting" button to save the setting on export transaction
16. To export the transaction data, click on the "Export" button or click on "Close" to exit from the export transaction menu.



NOTE: File Extension only applicable for Text File Export Format



NOTE: File Name Suffix is supported for Single File and Multiple File

Auto

Manual **Auto**

Auto Export

Last Export Date : 00/00/0000

☐ Enable Auto Export from Last Exported Date from 0:00

Until: Yesterday 0:00 Time to Process: Define

Export Path: C:\

Export Format: ☒ Text File ☐ MS Excel File ☐ CSV File

Output File: ☒ Single File ☐ Multiple File ☐ Include Suffix

File Extension:

File Name Prefix: Data File Name Suffix:

Date Format: yyymmdd Time Format: HHnnss

Delimiter: ; ☐ Fixed Field Length

Dummy Value:

Replace Transaction Code (IN) with

and Transaction Code (OUT) with

Field Selection

☒ Transaction Date

☒ Transaction Time

☒ Transaction Code

☒ Transaction Description

☒ Staff No.

☒ Staff Name

☒ Card No.

☒ Department

☒ Job

Event

☒ All Events ☐ Valid Card swipe Only ☐ All Card swipe

Door Events:

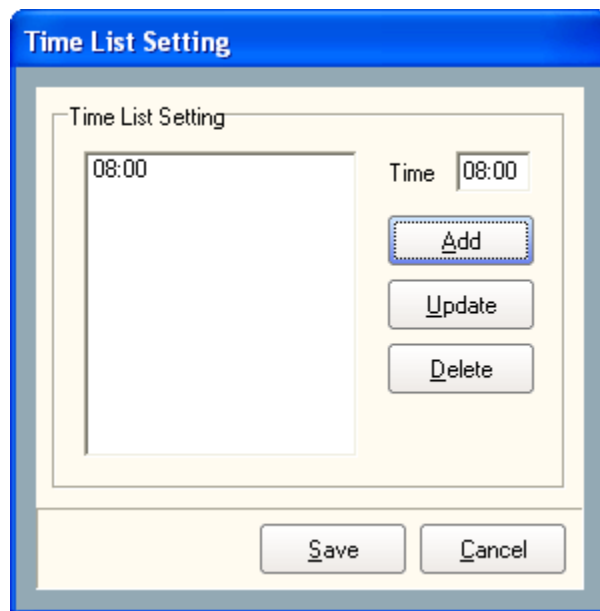
☐ All ☐ Close Only ☐ Open Only ☐ Left Open Only

☐ Overwrite Existing Export File

Save Setting Export Close

Status:

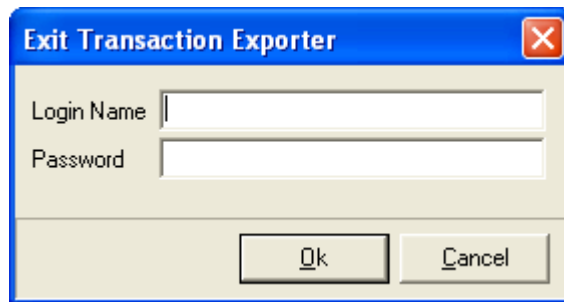
1. Tick to enable the auto export
2. Click on the "Define" button to assign the time for the auto export transaction to process



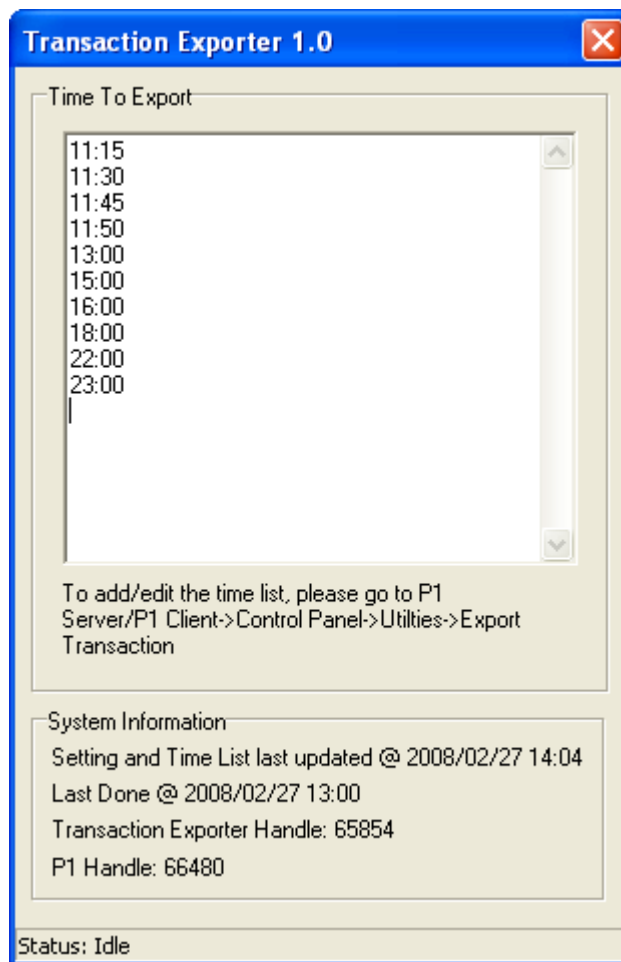
3. Assign a time and click on "Add" button to include the time into the time list setting
4. To delete the unwanted time, highlight on the time and click "Delete"
5. Click on "Save" button to save the time list setting or click on "Cancel" button to cancel and exit the time list setting menu
6. Once all of the settings are being set, system administrator need to click the "Save Setting" button to update the new setting. (Once pressed, the window taskbar will show up a new icon called Transaction Exporter)



7. System administrator must take note that this icon will automatically show up when the window start up (if the auto export transaction is enabled)
8. To disable this icon, system administrator can either disable the auto export feature in the system or directly right click on the icon and select exit. It will show up this pop up message and the login name and the password are the same with Platform1 software



9. If the system administrator double click on the icon or right click and select show, it will show up this pop up menu:



10. The time to export is the time list that system administrator define in the software (Export Transaction > Auto > "Define" button)
11. Under the system information, it will show the system administrator on 2 things :
- The date and time for the latest settings that the system administrator updated on the Export Transaction menu

- *The transaction exporter last done time and date*



NOTE: The exported file can be exported out as a text file, excel file and even csv file.

14.7.5 Send / Retrieve

The screenshot shows a software window titled "Send/Retrieve". It has a dark blue header bar with the word "Main" in white. Below the header is a green bar with the text "Step 1: Please select type of action." in black. The main area is white and contains three radio button options: "Send/Retrieve", "Operation", and "Firmware Upgrade". The "Send/Retrieve" option is selected and has two sub-options: "All (all setting inclusive of Time Set, Time Zone, Access Level, Controller, Card, Holiday, Date Time)" and "Specific". The "Operation" option is also visible. The "Firmware Upgrade" option is selected and has two sub-options: "Serial" and "Network". At the bottom of the window are three buttons: "Previous", "Next", and "Cancel".

Send/Retrieve

This section allow system administrator send or retrieve the configuration to or from the controller. System Administrator also can send the operation command from system to the controller via 'Operation'

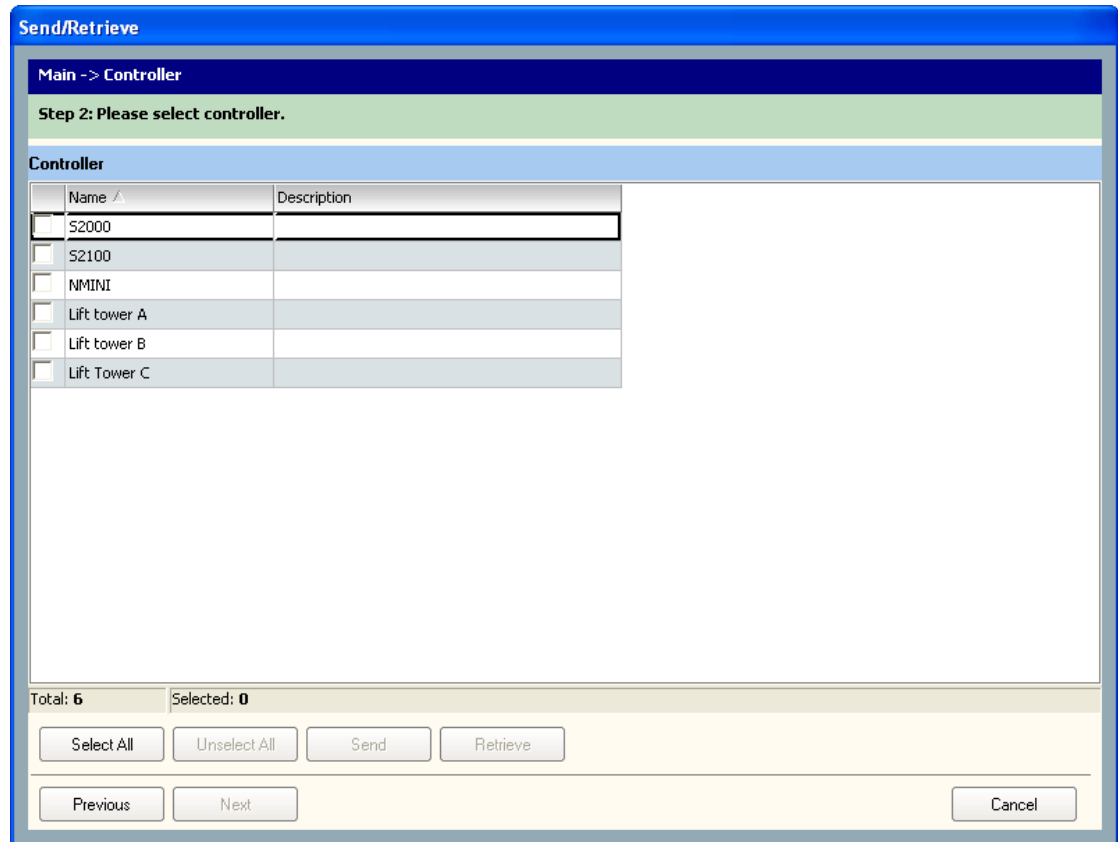
- Send/Retrieve - All
 - Send all the configuration to the controller including Time Set, Time Zone, Access Level, Controller, Card, Holiday, Date/Time and so forth
- Send/Retrieve - Specific
 - Time Set
 - Time Zone
 - Access Level
 - Controller
 - Card
 - Holiday
 - Miscellaneous

- Operation
 - Door
 - Point
 - Lift
- Firmware Upgrade
 - Serial
 - Network

14.7.5.1 All

Send/Retrieve - All

To send/retrieve controller parameters to selected or all controllers in the system



The image shows a software dialog box titled "Send/Retrieve". It has a blue header bar with the title. Below the header, there is a dark blue bar with the text "Main -> Controller". Underneath, a green bar contains the instruction "Step 2: Please select controller." The main area of the dialog is white and contains a table with the heading "Controller". The table has two columns: "Name" and "Description". There are six rows of data, each with a checkbox in the "Name" column. The data rows are: S2000, S2100, NMINI, Lift tower A, Lift tower B, and Lift Tower C. Below the table, there is a status bar with "Total: 6" and "Selected: 0". At the bottom of the dialog, there are several buttons: "Select All", "Unselect All", "Send", "Retrieve", "Previous", "Next", and "Cancel".

	Name	Description
☐	S2000	
☐	S2100	
☐	NMINI	
☐	Lift tower A	
☐	Lift tower B	
☐	Lift Tower C	

Total: 6 Selected: 0

Select All Unselect All Send Retrieve

Previous Next Cancel

1. Click "Next" button to list all controllers available in the system
2. Tick controller which you would like to send/retrieve the parameters
3. Click "Send" if you would like to send all parameters from database to controller
4. Click "Retrieve" if you would like to retrieve all current parameters on the controller for checking

14.7.5.2 Specific

Specific - Timeset

To perform Timeset parameter downloading process to/from any/all controllers

Send/Retrieve

Main -> Time Set

Step 2: Please select time set.

Time Set Time Zone Accessibility Controller Card Holiday Miscellaneous

Time Set

	Name	Description
☒	100	100
☐	2	2
☐	200	200
☐	257	257
☐	258	258
☐	259	
☐	3	3
☐	300	300
☐	4	lock release
☐	400	400
☐	5	
☐	500	500

Total: 28 Selected: 0

Hints: Time Zone will be send for Unlimited Supported controller instead of Time Set

Select All Unselect All

Previous Next Cancel

1. Click on the Timeset parameter button for send/retrieve
2. Tick Timeset parameter that you wish to send/retrieve, then "Next"
3. Tick which controller to send to or retrieve from

Specific - Time Zone

To perform Time Zone parameter downloading process to/from any/all controllers

Send/Retrieve

Main -> Time Zone

Step 2: Please select time zone.

Time Set Time Zone Accessibility Controller Card Holiday Miscellaneous

Time Zone

Name	Description
☐ 100	100
☐ 2	TimeZone2
☐ 200	200
☐ 257	257
☐ 258	258
☐ 259	259
☐ 3	3
☐ 300	300
☐ 4	3
☐ 400	400
☐ 5	lock release
☐ 500	500
☐ 512	512

Total: 27 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click on the Time zone parameter button for send/retrieve
2. Tick Time zone parameter that you wish to send/retrieve, then "Next"
3. Tick which controller to send to or retrieve from

Specific - Accessibility

To perform accessibility parameter downloading process to/from any/all controllers

Send/Retrieve

Main -> Access Level

Step 2: Please select access level.

Time Set Time Zone Accessibility Controller Card Holiday Miscellaneous

Access Level

Access Level Access Group Floor Access Level Lift Access Level

Name	Description
☐ 0	No Access
☐ 1	Full Access

Total: 2 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click on the accessibility (Access Level, Access Group, Floor Access Level, Lift Access Level) parameter tab for send/retrieve
2. Tick accessibility parameters that you wish to send/retrieve, then "Next"
3. Tick which controller to send to or retrieve from

Specific - Controller

To perform controller parameter downloading process to/from any/all controllers

Send/Retrieve

Main -> Holiday

Step 2: Please select controller.

Time Set Time Zone Accessibility Controller Card **Holiday** Miscellaneous

Controller

	Name	Description
☐	N5400	
☐	N5200	
☐	S3400	
☐	N5100	
☐	S3100	
☐	S3200	
☐	MINI	

Total: 7 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click on the controller parameter button for send/retrieve
2. Tick controller parameter that you wish to send/retrieve, then "Next"
3. Tick which controller to send to or retrieve from

Specific - Card

To perform card parameter downloading process to/from any/all controllers

The screenshot shows the 'Send/Retrieve' software interface. At the top, a blue bar reads 'Main -> Card'. Below it, a green bar says 'Step 2: Please select card.' A row of buttons includes 'Time Set', 'Time Zone', 'Accessibility', 'Controller', 'Card' (highlighted with a blue border), 'Holiday', and 'Miscellaneous'. Below these is a 'Card' section with two tabs: 'General Cards' and 'Lift Cards'. A table lists card data:

	Card No. ^	Card Type
☐	000000002	Access Card
☐	000000003	Access Card
☐	000000004	Access Card
☐	000000005	Access Card
☐	000000006	Access Card
☐	000000007	Access Card
☐	000000008	Access Card
☐	000000009	Access Card
☐	000000010	Access Card
☐	000000011	Access Card
☐	000000012	Access Card

Below the table, it shows 'Total: 10003' and 'Selected: 0'. At the bottom are buttons for 'Select All', 'Unselect All', 'Previous', 'Next', and 'Cancel'.

1. Click on the Card parameter button for send /retrieve
2. Tick general cards and lift cards that you wish to send/retrieve, then "Next"
3. Tick which controller to send to or retrieve from
4. Select option available on screen

Send/Retrieve

Main -> Card -> Controller -> Action

Step 4: Please select action to perform.

Time Set Time Zone Accessibility Controller Card Holiday Miscellaneous

Send Option

☒ Add/Update

☐ Delete

☐ Clear Antipassback

☐ Update PIN

☐ Update Activation

Retrieve Option

☐ Include card that exists in controller database but not in software database (only available if all cards are selected)

Send Retrieve

Previous Next Cancel

- *Add/Update* - To send/install the card to the controller database
- *Delete* - To delete the card from the controller database
- *Clear Antipassback* - To clear the antipassback of the card after violating the antipassback rule on selected door, so that the card can be used again.
- *Update PIN* - To update the PIN No. of a specific staff to the controller database
- *Update Activation* - To update the activation flag of a specific card to the controller database
- *Retrieve Option* - Tick to include cards that exists in controller database but not in the software database(company > "staff" database)

5. Select "Send" or "Retrieve"

Specific - Holiday

To perform Holiday parameter downloading process to/from any/all controllers

Send/Retrieve

Main -> Holiday

Step 2: Please select controller.

Time Set Time Zone Accessibility Controller Card **Holiday** Miscellaneous

Controller

	Name	Description
☐	N5400	
☐	N5200	
☐	S3400	
☐	N5100	
☐	S3100	
☐	S3200	
☐	MINI	

Total: 7 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click on the holiday parameter button for send /retrieve
2. Tick which controller to send to or retrieve from

Send/Retrieve

Main -> Holiday -> Action

Step 3: Please select action to perform.

Time Set Time Zone Accessibility Controller Card **Holiday** Miscellaneous

Send Option _____

☒ Add/Update

Send Retrieve

Previous Next Cancel

3. Select "Send" or "Retrieve"

Specific - Miscellaneous

To perform miscellaneous parameter downloading process to/from any/all controllers

Send/Retrieve

Main -> Miscellaneous

Step 2: Please select controller.

Time Set Time Zone Accessibility Controller Card Holiday Miscellaneous

Controller

	Name ^	Description
☐	N5400	
☐	N5200	
☐	S3400	
☐	N5100	
☐	S3100	
☐	S3200	
☐	MINI	

Total: 7 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click on the miscellaneous parameter button for send /retrieve
2. Tick which controller to send to or retrieve from, then "Next"

3. Select send/retrieve options

- *Date Time* - To send/retrieve the date time
- *Firmware version* - To retrieve the firmware version from the controller database
- *Manufacturer information* - to retrieve the manufacturer information from the controller database
- *Cold Start(Clear Memory)* - To send the clear memory action to the controller (Once the controller is already cold start, the controller setting will return back to manufacturer default mode)
- *Clear Time Set* - To delete the time set from the controller database
- *Clear Time Zone* - To delete the time zone from the controller database
- *Clear Access Level* - To delete the access level from the controller database
- *Clear Card Database* - To delete the card from the controller database
- *Clear Holiday* - To delete the holiday from the controller database
- *Clear Antipassback* - To clear the antipassback of the card after violating the antipassback rule on selected door, so that the card can be used again. (And also to clear the Card+Pin lockout if enable)
- *Total cards (all except L1000)* - To retrieve all the cards from the controller database
- *Clear Floor Access Level* - To delete the floor access level from the controller database
- *Reload Option*
 - Tick "Please reload settings after cold start/setting cleared"
Reload all settings after cold start or setting cleared
 - Tick "Perform template clearing while (1) Cold Start (2) Clear Database execute"
Clear the template of the FP Device when perform Cold start or Clear Database

4. Select "Send" or "Retrieve"

14.7.5.3 Operation

Operation - Door

Send/Retrieve

Main -> Door

Step 2: Please select door.

Door Point

Door

	Name ^	Description
☐	2nd Entrance	
☐	Main Door	
☐	NMINI	

Total: 3 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click "Next" button to list all controllers available in the system
2. Click on the "Door" button to list all the doors in the system
3. Tick door which you would like to send the operation and click "Next" to proceed

Send/Retrieve

Main -> Door -> Action

Step 3: Please select action to perform.

Door Point

Operation Option

- ☒ Pulse Door Open
- ☐ Security On
- ☐ Security Off
- ☐ Inhibit Door
- ☐ Uninhibit Door
- ☐ Clear Admin/Local PIN Lockout

Send

Previous Next Cancel

4. Select the operation option

- *Pulse Door Open - To release the door based on the release duration*
- *Security On - To lock the door (During security on, the door can be used as usual where staff member need to perform card flashing or press push button during entering or exiting the door)*
- *Security Off - To unlock the door (During security off, the electromagnetic power will be cut off and staff member can enter or exit the door without performing card flashing or pressing push button)*
- *Inhibit Door - To permanently lock the door (Staff member unable to access on the inhibit door even when they perform card flashing or by push button)*
- *Uninhibit Door - To set back to normal mode (security on)*
- *Clear Admin/Local PIN lockout - To clear the pin lockout of the staff member after violating the lockout pin rule on selected door, so that the card can be used again. This will only be happened if the "Pin Lockout Count" is set (under the Control Panel > System > Controller - Door Setting)*

5. Click "Send" if you would like to send the operation to controller

Operation - Point - Controller

Send/Retrieve

Main -> Alarm

Step 2: Please select alarm

Door Point

Controller

Controller | IO Board | Zone

	Name ^	Description
☐	S2000	
☐	S2100	
☐	NMINI	
☐	Lift tower A	
☐	Lift tower B	
☐	Lift Tower C	

Total: 6 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click "Next" button to list all controllers available in the system
2. Click on the "Point" button
3. Tick controller which you would like to send the operation and click "Next" to proceed

Send/Retrieve

Main -> Alarm -> Action

Step 3: Please select action to perform.

Door Point

Operation Option _____

Alarm

☒ Reset

☐ Arm

☐ Disarm

General Purpose

☐ Reset

Send

Previous Next Cancel

4. Select the operation option

- *Reset - To reset back the alarm status*
- *Arm - To arm the alarm status*
- *Disarm - To disarm the alarm status*
- *General purpose - To reset back the general purpose input status*

5. Click "Send" if you would like to send the operation to controller

Operation - Point - IO Board

Send/Retrieve

Main -> Alarm

Step 2: Please select alarm

Door Point

Controller

Controller IO Board Zone

Name	Description
IO1	

Total: 1 Selected: 0

Select All Unselect All

Previous Next Cancel

1. Click on the "Point" button
2. Select the "IO Board"
3. Tick IO board which you would like to send the operation and click "Next" to proceed

Send/Retrieve

Main -> Alarm -> Action

Step 3: Please select action to perform.

Door Point

Operation Option

Alarm

☒ Reset

☐ Arm

☐ Disarm

General Purpose

☐ Reset

Send

Previous Next Cancel

4. Select the operation option

- *Reset - To reset back the IO board status*
- *Arm - To arm the IO board status*
- *Disarm - To disarm the IO board status*
- *General purpose - To reset back the general purpose input status*

5. Click "Send" if you would like to send the operation to the alarm monitoring controller

Operation - Point - Zone

Send/Retrieve

Main -> Alarm

Step 2: Please select alarm

Controller

Controller | IO Board | **Zone**

Name	Description
☐ IO1 Z1	

Total: **1** Selected: **0**

1. Click on the "Point" button
2. Select the "Zone"
3. Tick zone which you would like to send the operation and click "Next" to proceed

Send/Retrieve

Main -> Alarm -> Action

Step 3: Please select action to perform.

Door Point

Operation Option _____

Alarm

- ☒ Reset
- ☐ Arm
- ☐ Disarm

General Purpose

- ☐ Reset

Send

Previous Next Cancel

4. Select the operation option

- *Reset - To reset back the zone status*
- *Arm - To arm the zone status*
- *Disarm - To disarm the zone status*
- *General purpose - To reset back the general purpose input status*

5. Click "Send" if you would like to send the operation to the alarm monitoring controller

Operation - Lift

Send/Retrieve

Main -> Lift

Step 2: Please select lift

Door Point Lift

Controller

Controller Sub Lift Floor

	Name	Description
☒	L2K	10-Digit

Total: 1 Selected: 1

Select All Unselect All

Previous Next Cancel

1. Click "Lift" button
2. Click "Controller" tab
3. Click "Select All" to check all the controllers' check box in the list
4. Click "Unselect All" to uncheck all the controllers' check box in the list
5. Check the desire Lift Controller's check box (e.g.: L2K)
6. Click "Next" to proceed to the Action page

Send/Retrieve

Main -> Lift -> Action

Step 3: Please select action to perform.

Door Point Lift

Lift Option (only for L2000 controllers)

☒ ByPass On

☐ ByPass Off

☐ ByPass Reset

Send

Previous Next Cancel

7. Choose any Lift Option to perform operation
 - ByPass On
 - ByPass Off
 - ByPass Reset
8. Click "Send" button to send the operation command to the controller
9. Click "Lift" to go back to the Lift Operation Page

Send/Retrieve

Main -> Lift

Step 2: Please select lift

Door Point Lift

Controller

Controller Sub Lift Floor

	Controller Name	Sub Lift Name	Sub Lift Description
☒	L2K	SL 1	
☐	L2K	SL 2	
☒	L2K	SL 3	
☐	L2K	SL 4	
☒	L2K	SL 5	
☐	L2K	SL 6	
☒	L2K	SL 7	
☐	L2K	SL 8	

Total: 8 Selected: 4

Select All Unselect All

Previous Next Cancel

8. Click "Sub Lift" tab
9. Check the desire Sub Lift's check box (e.g.: SL1, SL3, SL5, SL7)
10. Click "Select All" to check all the Sub Lifts' check box in the list
11. Click "Unselect All" to uncheck all the Sub Lifts' check box in the list
12. Click "Next" to proceed to the Action page

Send/Retrieve

Main -> Lift -> Action

Step 3: Please select action to perform.

Door Point Lift

Lift Option (only for L2000 controllers)

☒ ByPass On

☐ ByPass Off

☐ ByPass Reset

Send

Previous Next Cancel

13. Choose any Lift Option to perform operation

- ByPass On
- ByPass Off
- ByPass Reset

14. Click "Send" button to send the operation command to the controller

15. Click "Lift" to go back to the Lift Operation Page

Send/Retrieve

Main -> Lift

Step 2: Please select lift

Door Point Lift

Controller

Controller Sub Lift Floor

	Controller Name	Floor Name	Floor Description
☒	L2K	F1	
☒	L2K	F2	
☒	L2K	F3	
☒	L2K	F4	
☒	L2K	F5	
☐	L2K	F6	
☐	L2K	F7	
☒	L2K	F8	
☐	L2K	F9	
☐	L2K	F10	
☐	L2K	F11	

Total: 128 Selected: 123

Select All Unselect All

Previous Next Cancel

16. Click "Floor" tab
17. Check the desire Floor's check box (e.g.: F1, F2, F3, F4, F5, F8)
18. Click "Select All" to check all the Lifts' check box in the list
19. Click "Unselect All" to uncheck all the Lifts' check box in the list
20. Click "Next" to proceed to the Action page

Send/Retrieve

Main -> Lift -> Action

Step 3: Please select action to perform.

Door Point Lift

Lift Option (only for L2000 controllers)

☒ ByPass On

☐ ByPass Off

☐ ByPass Reset

Send

Previous Next Cancel

21. Choose any Lift Option to perform operation

- ByPass On
- ByPass Off
- ByPass Reset

22. Click "Send" button to send the operation command to the controller

23. Click "Lift" to go back to the Lift Operation Page

Operation - S3100, S3200, S3400, N5100, N5200, N5400

Send/Retrieve

Main -> Reader

Step 2: Please select Reader

Door Point Lift **Reader** Gate Zone

Reader

	Name	Description
☒	S3200_R1	
☒	S3200_R2	
☒	N5200_R1	
☒	N5200_R2	
☒	N5100_R1	
☒	N5100_R2	

Total: 6 Selected: 6

Select All Unselect All

Previous Next Cancel

Reader Operation

Perform Reader Operation for selected controller in send/retrieve control panel

Send/Retrieve

Main -> Reader -> Action

Step 3: Please select action to perform.

Door Point Lift Reader Gate Zone

Reader Options (only for S3100, S3200, N5100, N5200, S3400, N5400 controllers)

☒ Enter Maintenance Mode

☐ Exit Maintenance Mode

☐ Reset Tamper

Send

Previous Next Cancel

Reader Option

- **Enter Maintenance Mode:** Temporary disable the tamper operation
- **Exit Maintenance Mode:** Enable tamper operation
- **Reset Tamper:** perform enter maintenance mode and exit maintenance mode to reset the tamper

Send/Retrieve

Main -> Gate Zone

Step 2: Please select Gate Zone

Door Point Lift Reader **Gate Zone**

Gate

	Controller Name	Zone ID
☒	S3200	1
☒	S3200	2
☒	N5200	1
☒	N5200	2
☒	N5100	1
☒	N5100	2

Total: 6 Selected: 6

Select All Unselect All

Previous Next Cancel

Gate Zone Operation

Perform gate zone operation for selected car park barrier in send/retrieve control panel

Send/Retrieve

Main -> Gate Zone -> Action

Step 3: Please select action to perform.

Door Point Lift Reader **Gate Zone**

Gate Zone Options (only for S3100, S3200, N5100, N5200 controllers)

☒ Reset Gate Zone In Counter to: 10

Send

Previous Next Cancel

Gate Zone Option

- **Reset Gate Zone:** Reset gate zone in-counter to desire number

Send/Retrieve

Main -> Alarm -> Action

Step 3: Please select action to perform.

Door Point/ Event Lift Reader Gate Zone

Alarm Option _____

☒ Reset ☐ Arm ☐ Disarm

General Purpose Option _____

☐ Reset

Fire Point Option (only for S3100, S3200, N5100, N5200, S3400, N5400 controllers) _____

☐ Reset

Event Relay Option (only for S3200, N5200, S3400, N5400 controllers) _____

☐ Reset Event 1 Relay(s)
 ☐ Reset Event 4 Relay(s)
 ☐ Reset Event 7 Relay(s)
 ☐ Reset Event 10 Relay(s)

☐ Reset Event 2 Relay(s)
 ☐ Reset Event 5 Relay(s)
 ☐ Reset Event 8 Relay(s)
 ☐ Reset All

☐ Reset Event 3 Relay(s)
 ☐ Reset Event 6 Relay(s)
 ☐ Reset Event 9 Relay(s)

Send

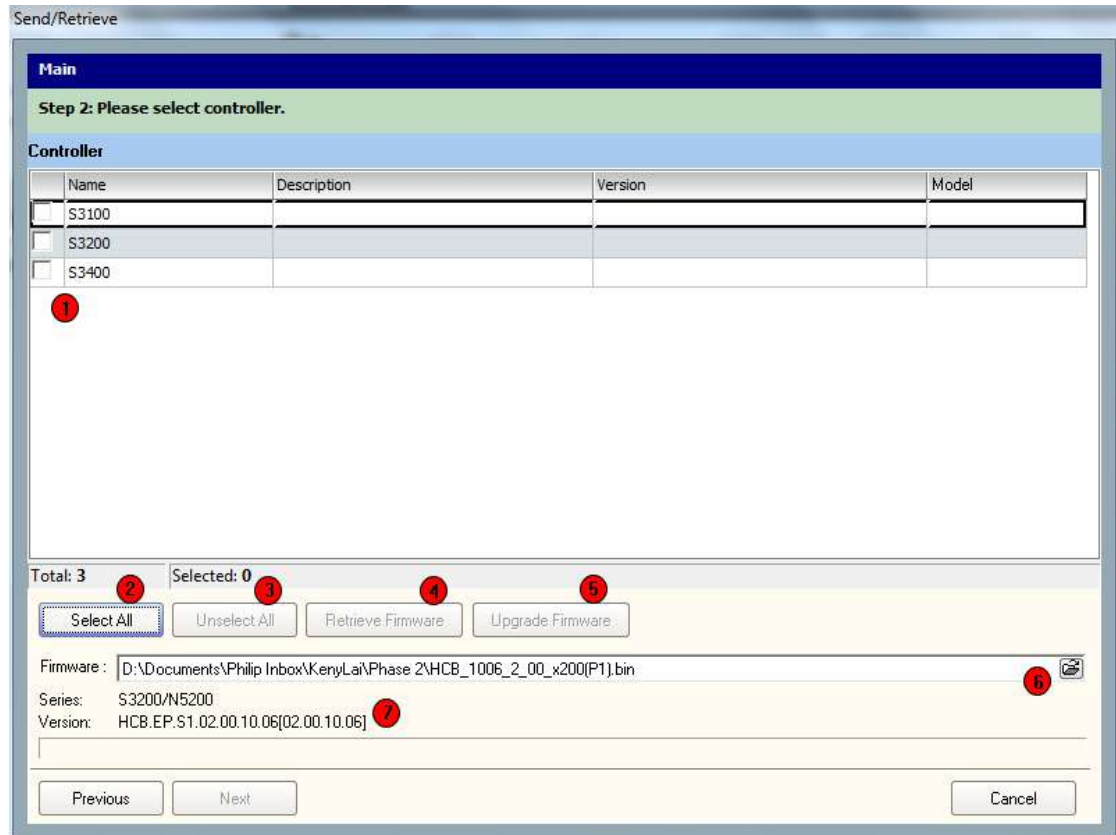
Previous Next Cancel

Controller Point/Event Operation

- **Alarm Option:** Perform alarm reset, arm and disarm
- **General Purpose Option:** Perform GP reset
- **Fire Point Option:** Perform fire reset
- **Event Relay Option:** Perform event relay reset

14.7.5.4 Firmware Upgrade

Firmware Upgrade - Serial



Send/Retrieve

Main

Step 2: Please select controller.

Controller

	Name	Description	Version	Model
☐	S3100			
☐	S3200			
☐	S3400			

Total: 3 Selected: 0

Firmware: D:\Documents\Philip Inbox\KenyaLa\Phase 2\HCB_1006_2_00_x200(P1).bin

Series: S3200/N5200

Version: HCB.EP.S1.02.00.10.06[02.00.10.06]

Perform firmware upgrade for all serial controllers

1. Tick the controller's check box to select wish controller need to perform firmware upgrade
2. Click "Select All" to select all the available compatible controller in the list
3. Click "Unselect All" to de-select all the selected controller in the list
4. Click "Retrieve Firmware" to retrieve the selected controller firmware version
5. Click "Upgrade Firmware" to upgrade the selected controller firmware
6. Click the icon to select firmware file from the directory
7. Firmware file series and version



NOTE: Is advisable to Cold Start/Factory Default after upgrading the firmware

Firmware Upgrade - Network

Send/Retrieve

Main

Step 2: Please select controller.

Controller

	Name	Description	Version	Model
☒	N5100			
☒	N5200			
☒	N5400			

1

Total: 3 2 Selected: 3 3

Select All 2 Unselect All 3 Retrieve Firmware 4 Upgrade Firmware 5

Firmware: D:\HCB_1006_2_00_x200(P1).bin 6

Series: S3200/N5200

Version: HCB.EP.S1.02.00.10.06[02.00.10.06] 7

Previous Next Cancel

Perform firmware upgrade for all network controllers

1. Tick the controller's check box to select wish controller need to perform firmware upgrade
2. Click "Select All" to select all the available compatible controller in the list
3. Click "Unselect All" to de-select all the selected controller in the list
4. Click "Retrieve Firmware" to retrieve the selected controller firmware version
5. Click "Upgrade Firmware" to upgrade the selected controller firmware
6. Click the icon to select firmware file from the directory
7. Firmware file series and version



NOTE: Is advisable to Cold Start/Factory Default after upgrading the firmware

14.7.6 Backup

Backup

This section allow system administrator to backup various data to a local disk, removable disk drive, network attached drive or to a CD-RW.

Database

Database is the most important part in the backup menu where it store those important details like

controller parameter, staff member data, time attendance and etc.

Tick on the 3 selected option which is "System", "Company" and "Time attendance" to perform the full backup.

Transaction



Transaction data are presented in monthly basis, tick all if you would like to backup all, or just click "Select All" button or select particular month's data to be backup.

Tick "Delete transaction files after backup" if you like to purge the transaction data after backup

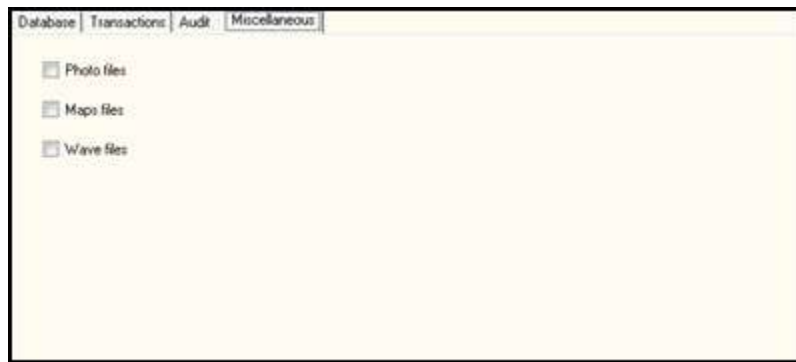
Audit



Transaction data are presented in monthly basis, tick all if you would like to backup all, or just click "Select All" button or select particular month's data to be backup.

Tick "Delete audit files after backup" if you like to purge the data after backup

Miscellaneous



Tick options available on the screen to backup desire files

14.7.7 Restore

Restore

Path

Restore file

Content

Backup Title

Total Files: Total Size:

Read Content

Options

Restore to ☒ Application path ☐ Other path

Restore Close

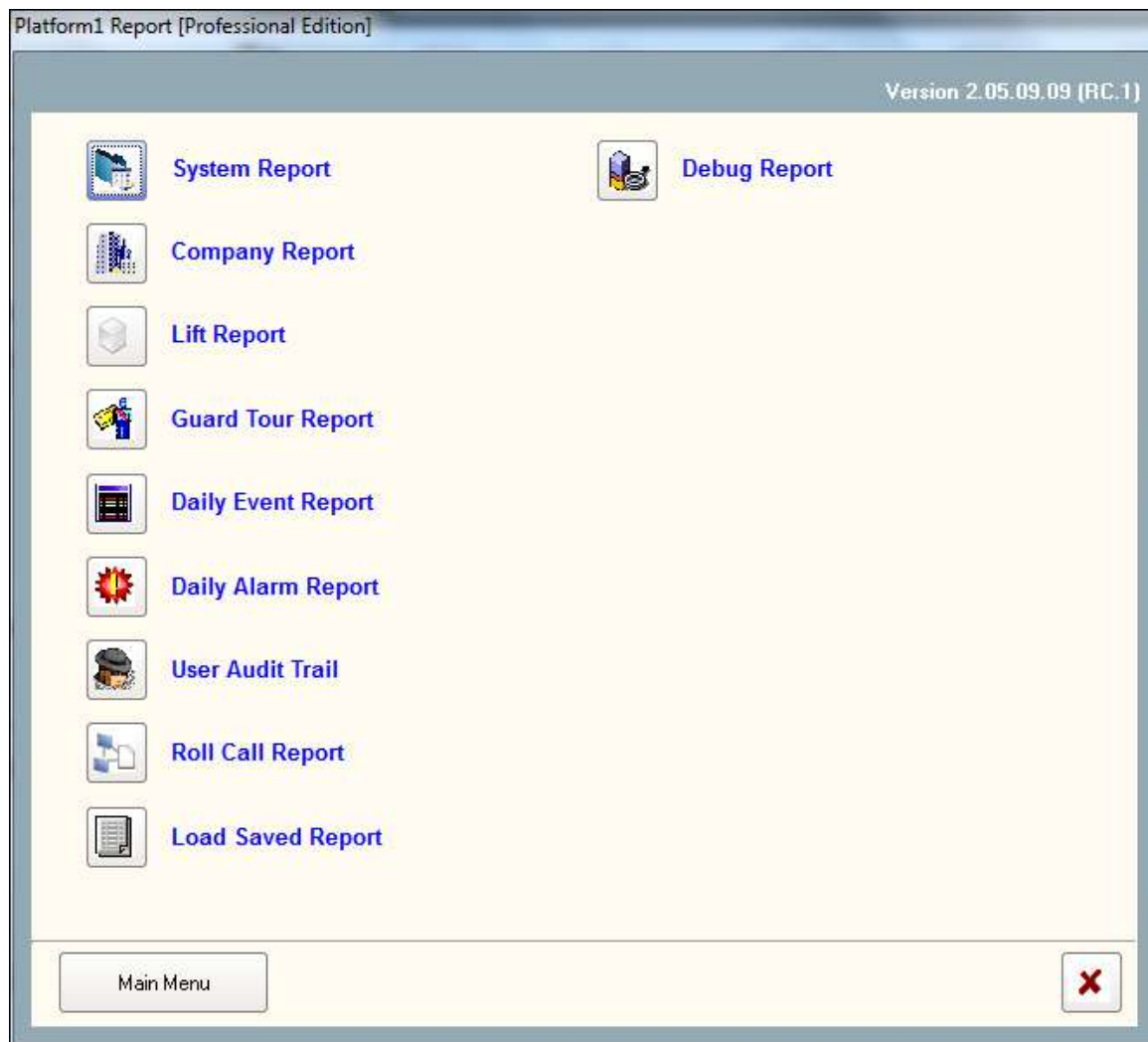
Restore

This section allow system administrator to restore various data to a local application path or other path for data evaluation.

1. Locate the backup file (.bck file)
2. Select restore options
3. Click "Read Content" button if system administrator wish to view the contents of the restore file
4. Click "Restore" button to begin restore process

Warning: Restore will overwrite any existing data in the system

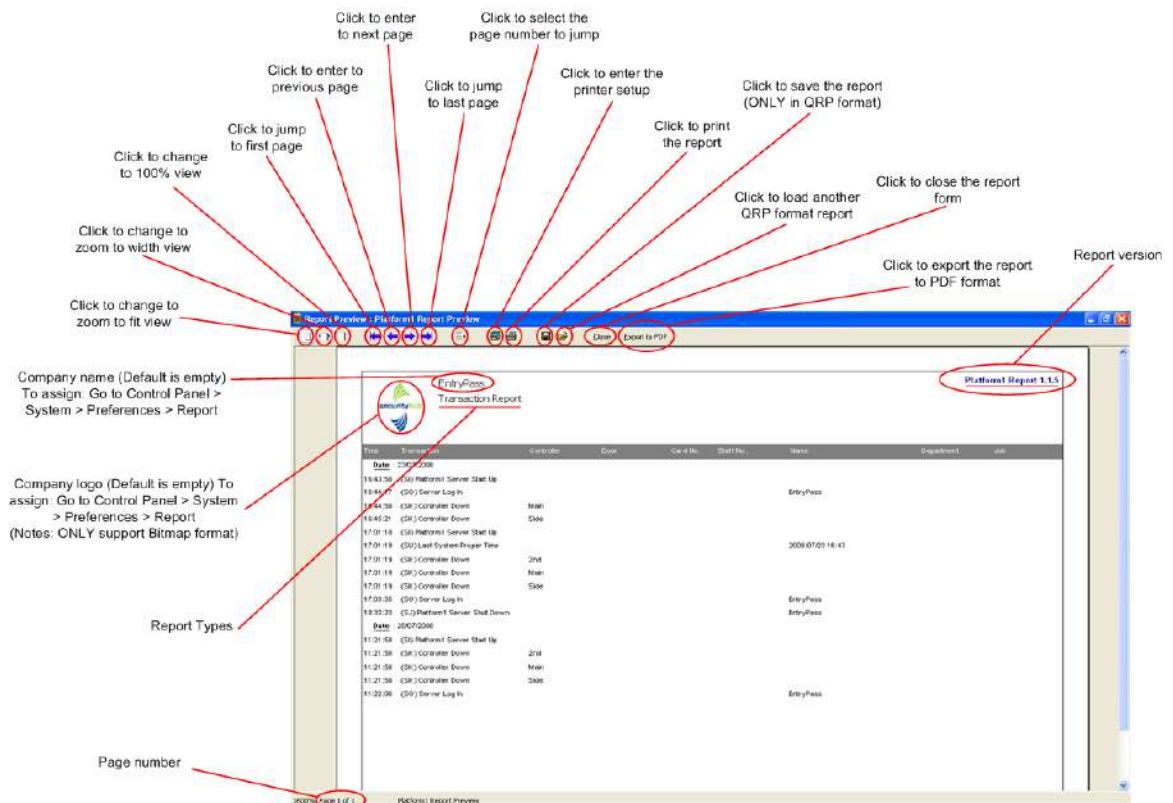
14.7.8 Report



Report

This section allow system administrator to generate various report for evaluation or printing purposes.

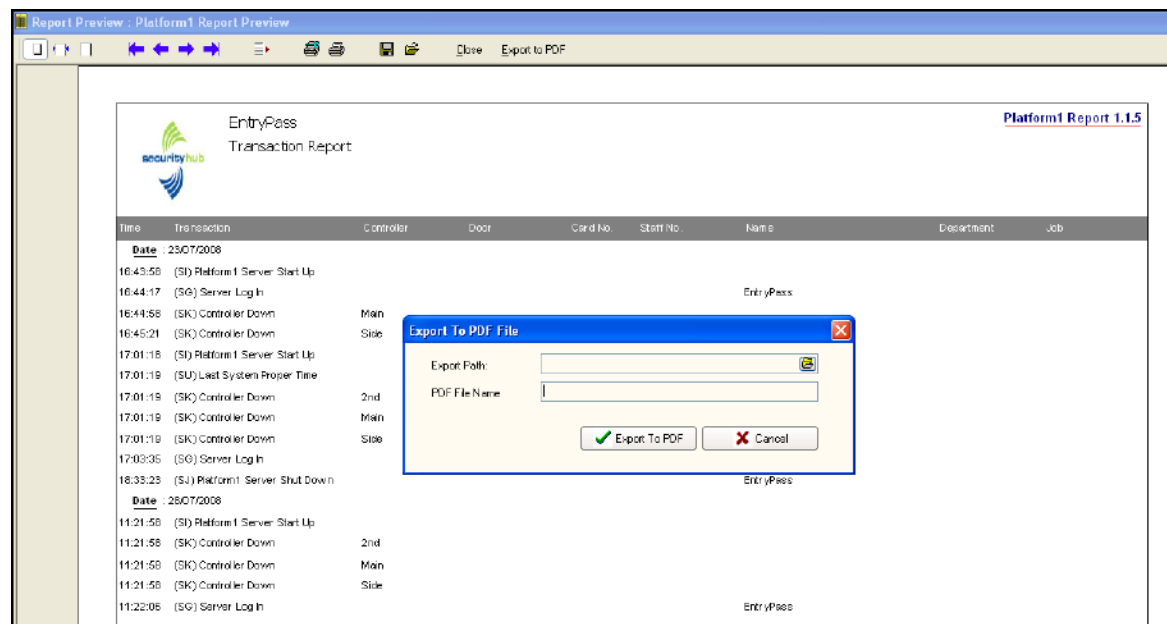
Report format



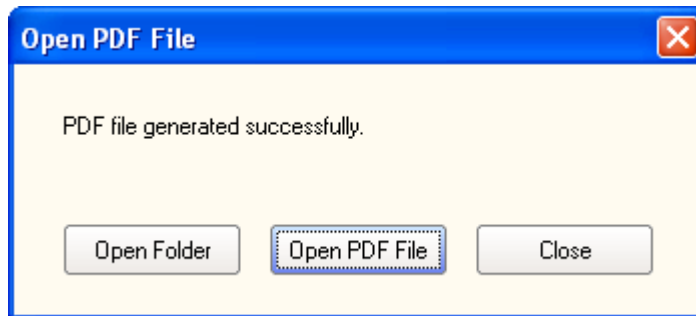
Report - Daily Event Report

Export to PDF

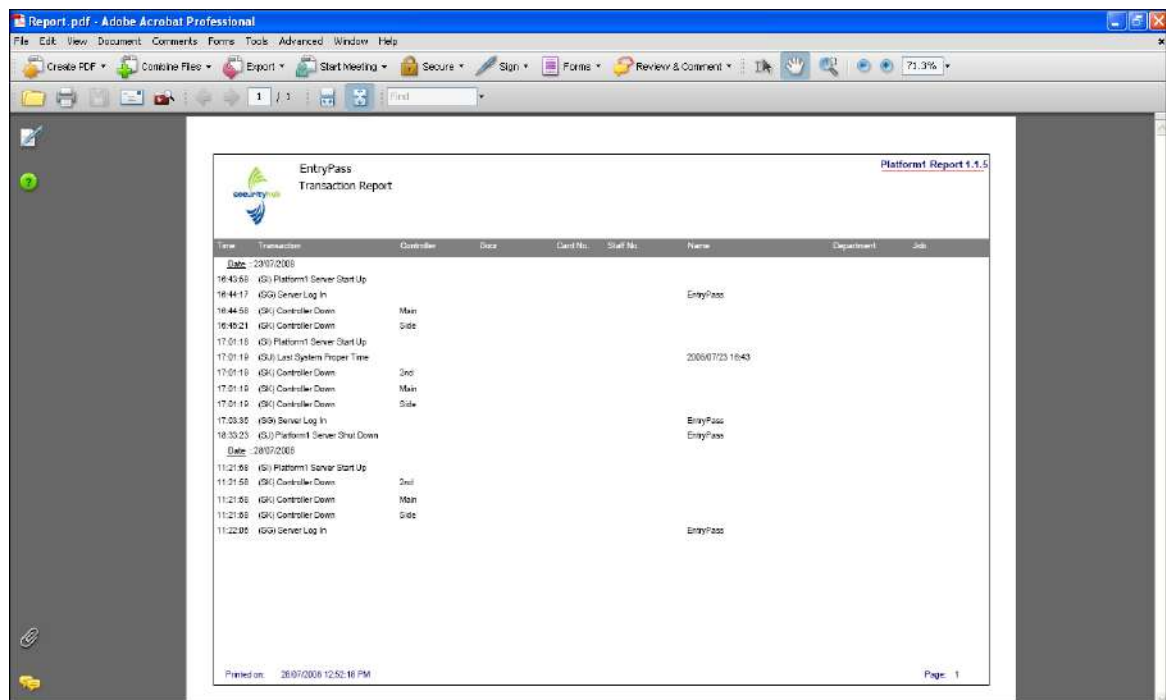
On the report form, Click on the "Export to PDF" to convert the current QRP form to PDF format.



1. Assign the path for the exported pdf file
2. Assign the name for the pdf file
3. Click on "Export To PDF" button to start export the report to pdf format or click "Cancel" button to cancel the changes and back to the report form
4. If successful, it will pop up a message showing as below:



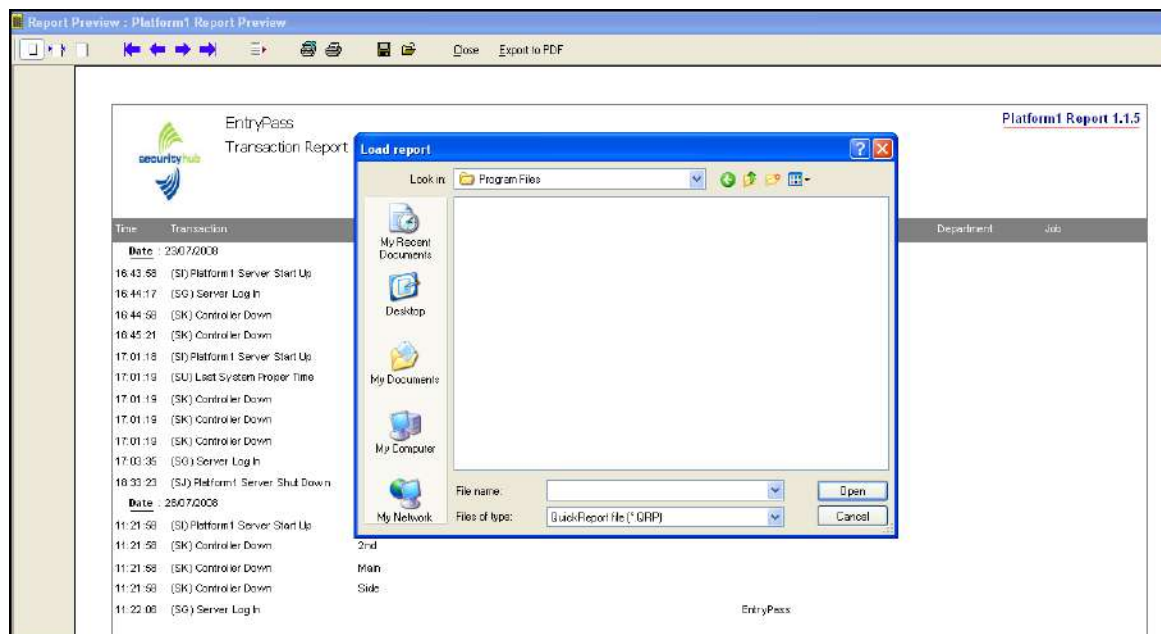
5. Click on "Open Folder" button to open the exported path folder
6. Click on "Open PDF File" button to open the pdf file
7. Click on "Close" button to close the pop up message form



Report in Pdf format

Load

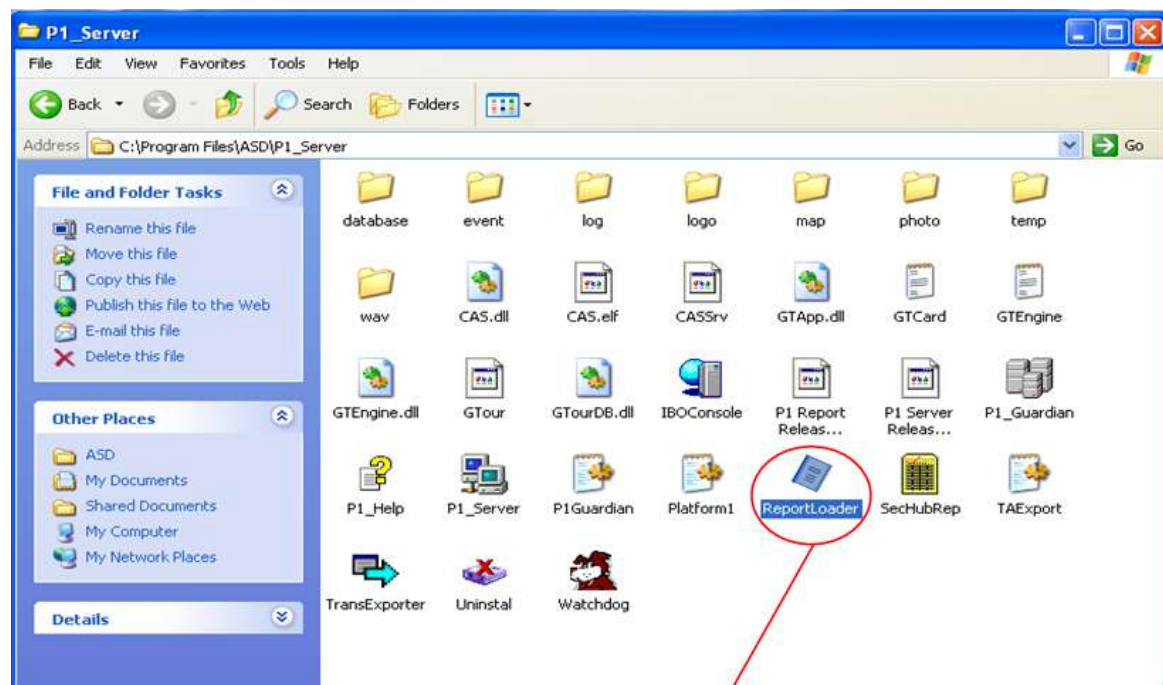
On the report form, click on the "Load" button to load another QRP format report.



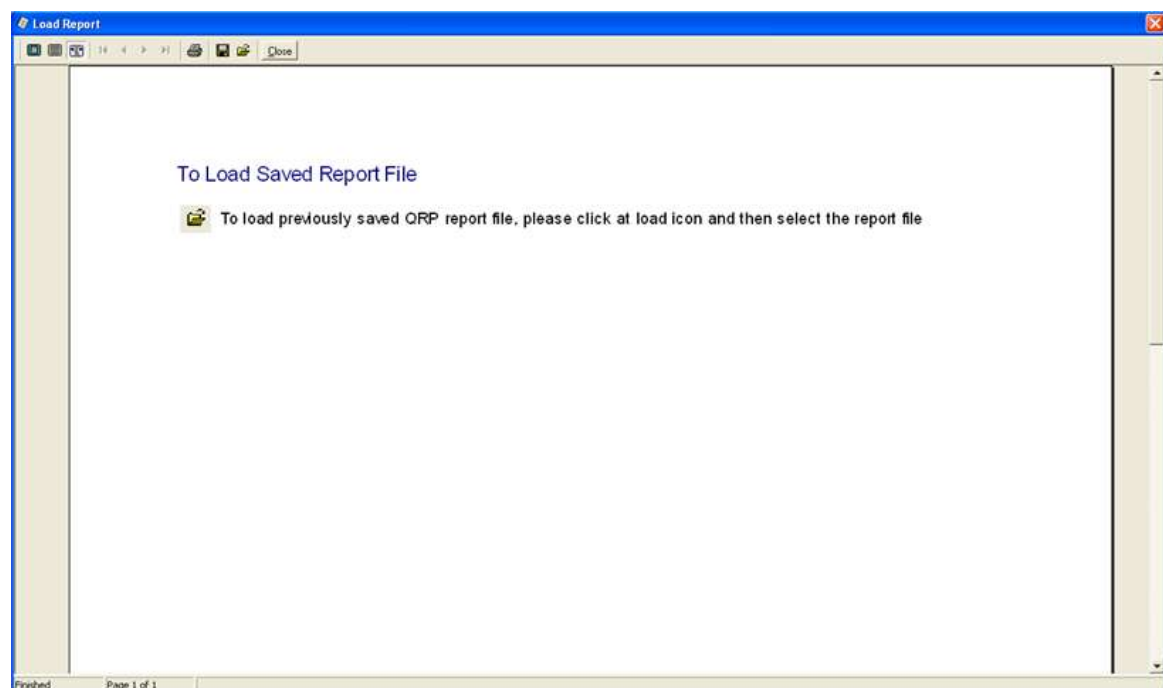
1. Locate the QRP file to be loaded in
2. Click on the "Open" button to start loading the file or click on "Cancel" button to cancel the changes and back to the current report form

How to view a QRP (Quick Report) other than using P1 Server application ?

To load and view the QRP file in another pc, system administrator need to use the **ReportLoader** application to view the QRP format. This ReportLoader application is located on the P1 Server folder (The default P1 server installation path is automatically assign to **C:\Program Files\ASD\IP1_Server**)



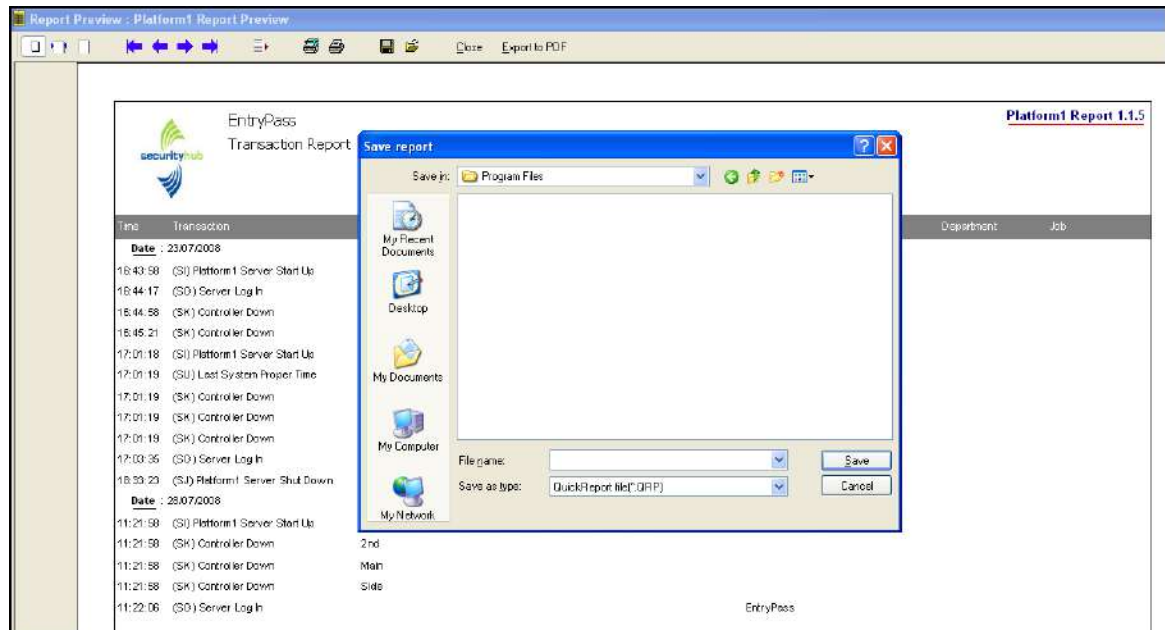
Copy this Report Loader application to other pc if system administrator want to view the QRP report in another pc



Report Loader form

Save

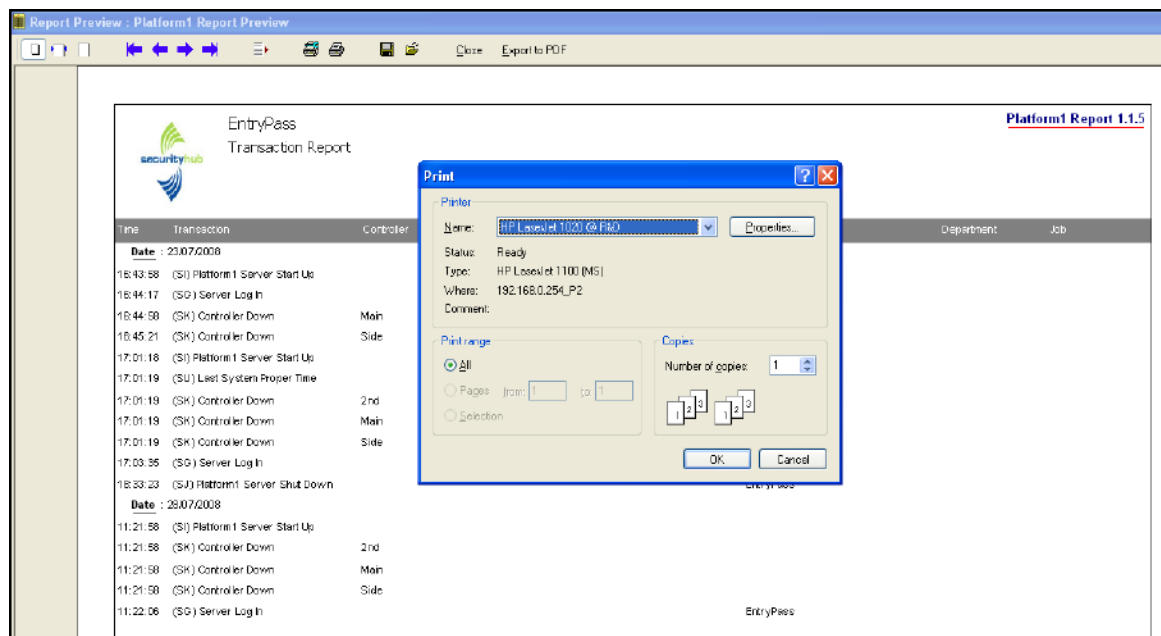
On the report form, click on the "Save" button to save the current report.



1. Select the path to save the QRP report
2. Assign a file name for the QRP report
3. Click on the "Save" button to save the file or click on "Cancel" button to cancel the changes and back to the current report form

Printer Setup

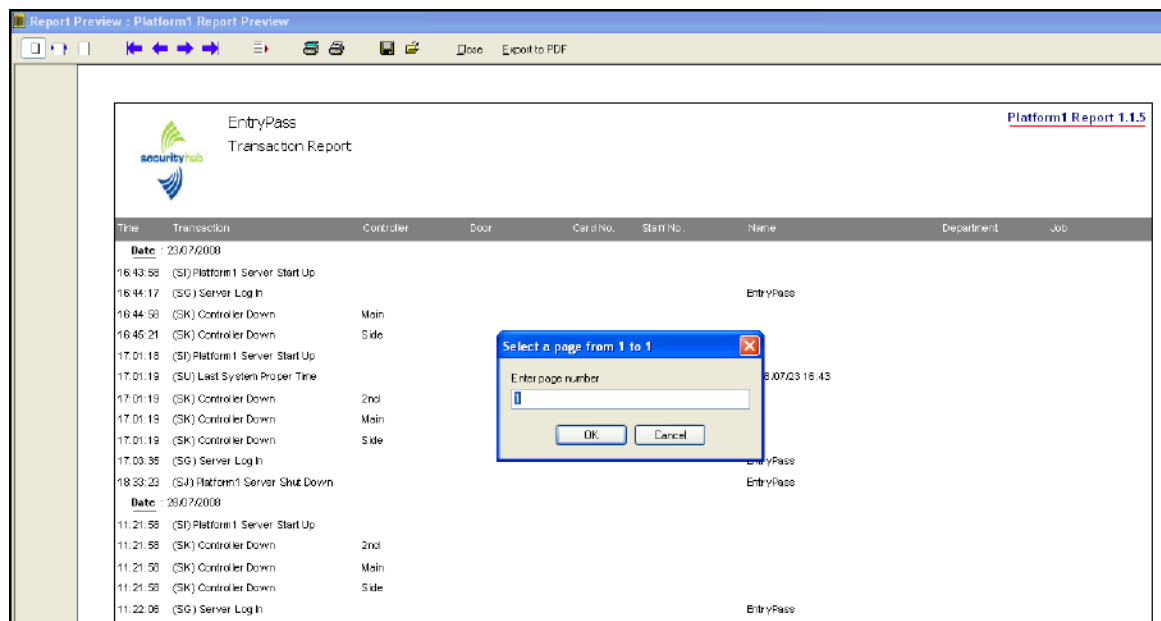
On the report form, click on the "Printer Setup" button to set or change the printer setting.



1. **Printer:** Select the printer to print the report based on the printer name added on the PC. Click on the "Properties" button to go to printer properties
2. **Print range:** Choose "All" to print all the report pages or choose "Pages" to print the page base on system administrator selection (Default: set to "All")
3. **Copies:** Select the number of copies to be printed out (Default: set to 1)

Select the page

On the report form, click on the "Select the page" button to jump to the selected page.



1. Enter the page number that the system administrator want view
2. Click on the "OK" button to proceed or "Cancel" button to cancel the changes and back to the current report form

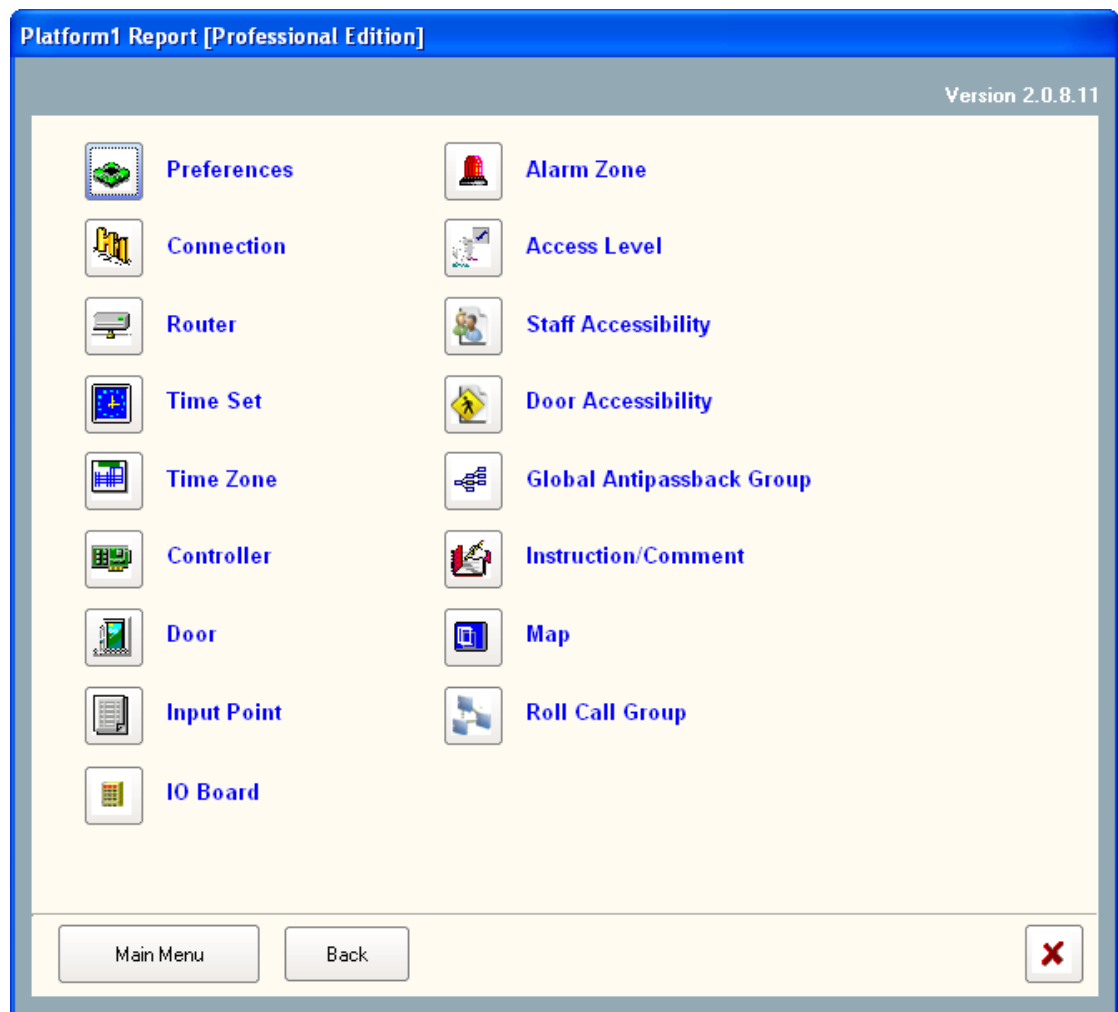


NOTE: Please go to Appendix B section to view the sample of Reports in QRP and PDF formats

14.7.8.1 System Report

System administrator can view all the updated system settings in system report menu.

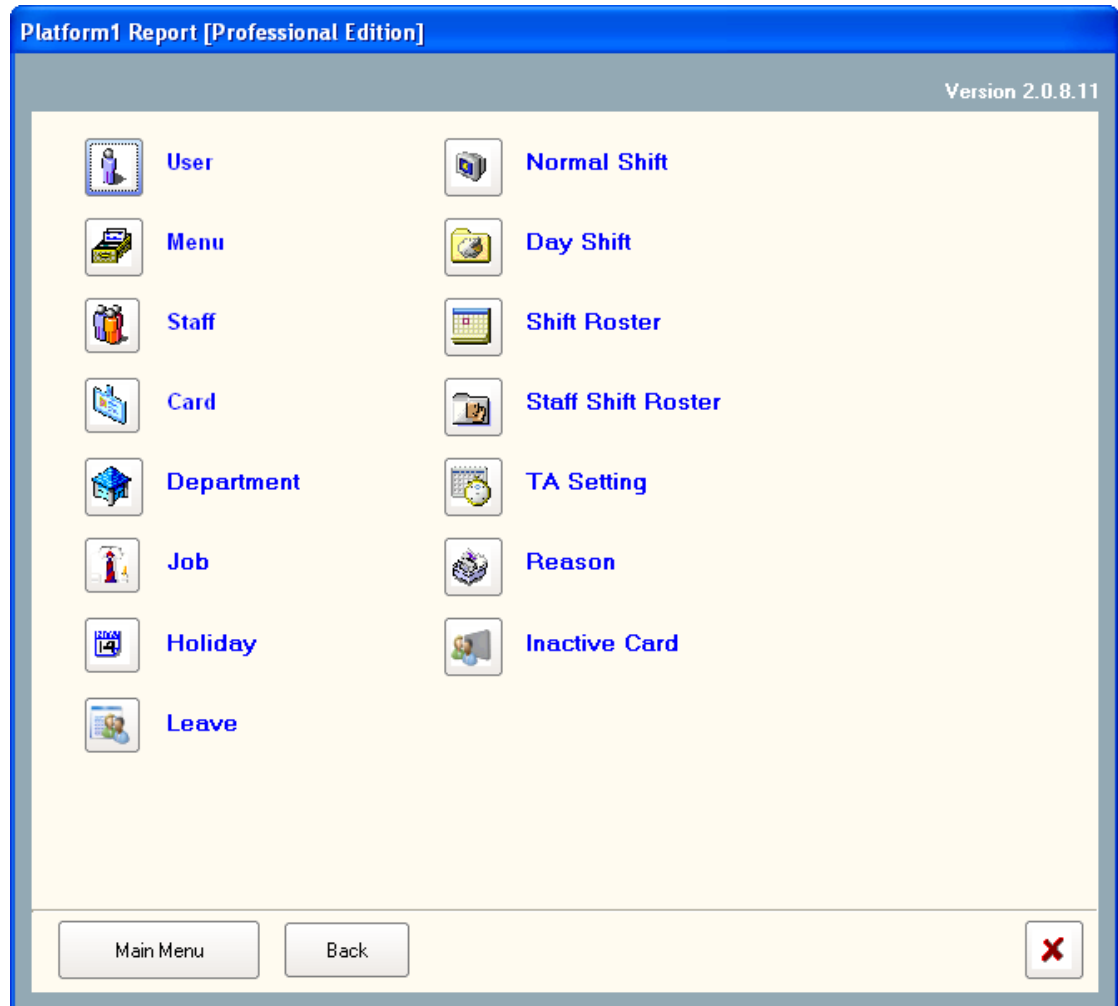
1. Click on the system report icon to proceed
2. Click on the sub icon on the report menu to view the specific system setting
3. Click on "Back" to back to the previous menu
4. Click on "Main Menu" to return to the report menu
5. Click on "X" to exit the report menu



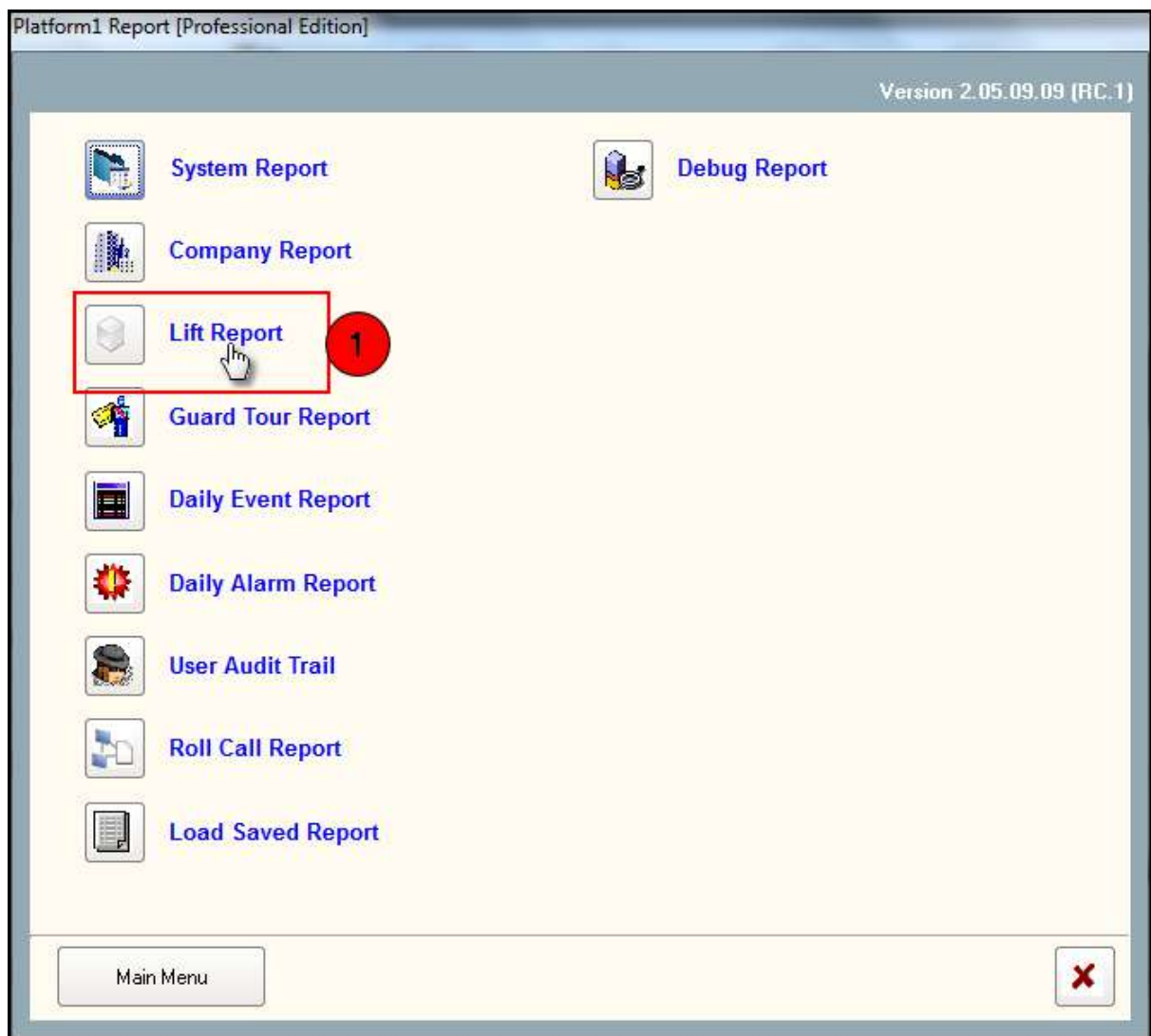
14.7.8.2 Company Report

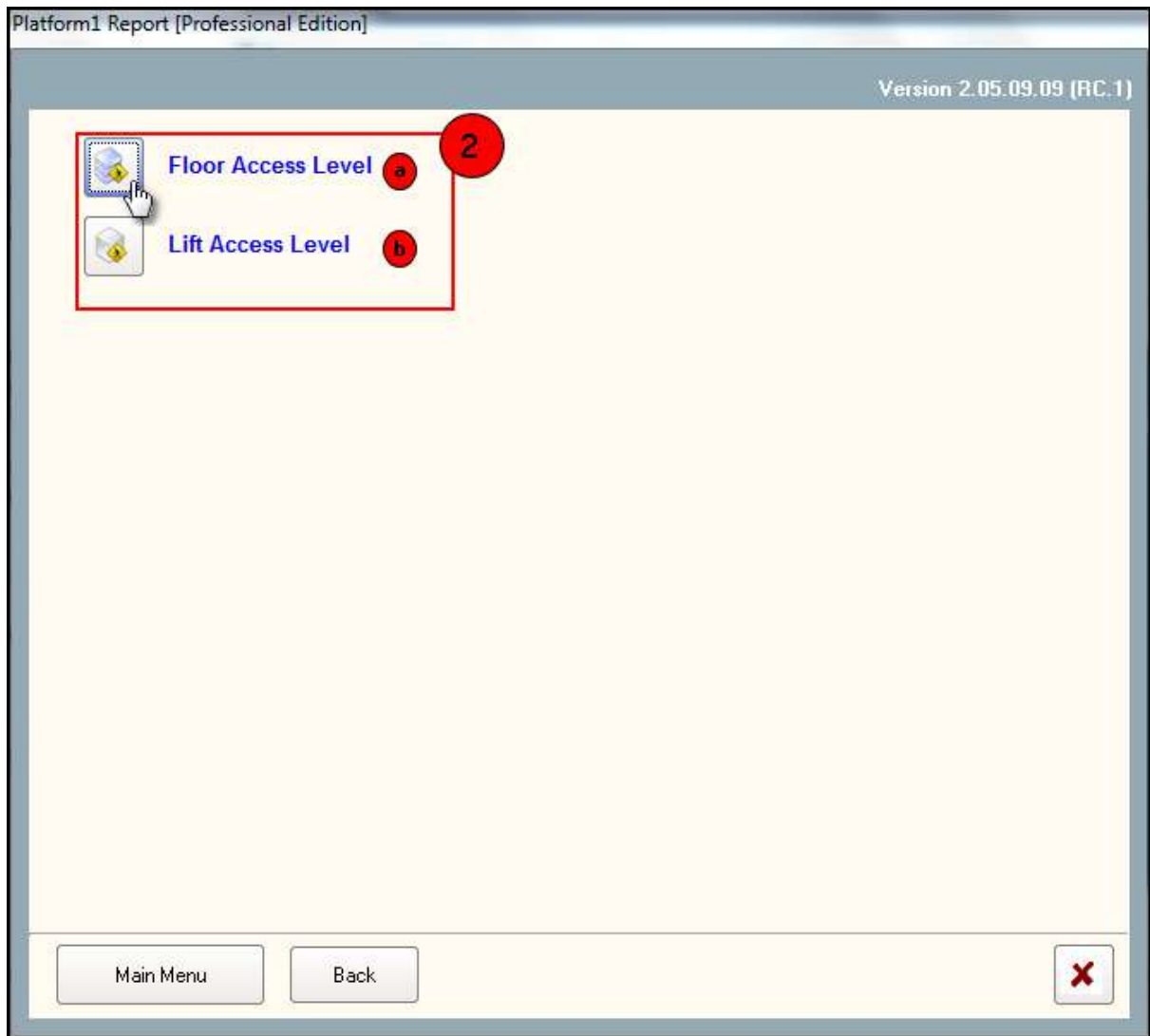
System administrator can view all the updated company settings in company report menu.

1. Click on the company report icon to proceed
2. Click on the sub icon on the report menu to view the specific company setting
3. Click on "Back" to back to the previous menu
4. Click on "Main Menu" to return to the report menu
5. Click on "X" to exit the report menu



14.7.8.3 Lift Report





1. Click 'Lift Report'
2. Lift Report Windows popup
 - a. "Floor Access Level"
 - Generate Floor Access Level Report
 - Example:

Company Name		Platform1 Report 2.05.09.09 (RC.1)							
Floor Access Report									
No.	Desc	Floor Index: h TZ							
0	No Access	All Floors: 0							
1	Full Access	All Floors: 1							
2	Lift1	Floor Index 1: 1	Floor Index 2: 1	Floor Index 3: 1	Floor Index 4: 1	Floor Index 5: 1	Floor Index 6: 1	Floor Index 7: 1	Floor Index 8: 1
		Floor Index 9: 0	Floor Index 10: 0	Floor Index 11: 0	Floor Index 12: 0	Floor Index 13: 0	Floor Index 14: 0	Floor Index 15: 0	Floor Index 16: 0
		Floor Index 17: 0	Floor Index 18: 0	Floor Index 19: 0	Floor Index 20: 0	Floor Index 21: 0	Floor Index 22: 0	Floor Index 23: 0	Floor Index 24: 0
		Floor Index 25: 0	Floor Index 26: 0	Floor Index 27: 0	Floor Index 28: 0	Floor Index 29: 0	Floor Index 30: 0	Floor Index 31: 0	Floor Index 32: 0
		Floor Index 33: 0	Floor Index 34: 0	Floor Index 35: 0	Floor Index 36: 0	Floor Index 37: 0	Floor Index 38: 0	Floor Index 39: 0	Floor Index 40: 0
		Floor Index 41: 0	Floor Index 42: 0	Floor Index 43: 0	Floor Index 44: 0	Floor Index 45: 0	Floor Index 46: 0	Floor Index 47: 0	Floor Index 48: 0
		Floor Index 49: 0	Floor Index 50: 0	Floor Index 51: 0	Floor Index 52: 0	Floor Index 53: 0	Floor Index 54: 0	Floor Index 55: 0	Floor Index 56: 0
		Floor Index 57: 0	Floor Index 58: 0	Floor Index 59: 0	Floor Index 60: 0	Floor Index 61: 0	Floor Index 62: 0	Floor Index 63: 0	Floor Index 64: 0
		Floor Index 65: 0	Floor Index 66: 0	Floor Index 67: 0	Floor Index 68: 0	Floor Index 69: 0	Floor Index 70: 0	Floor Index 71: 0	Floor Index 72: 0
		Floor Index 73: 0	Floor Index 74: 0	Floor Index 75: 0	Floor Index 76: 0	Floor Index 77: 0	Floor Index 78: 0	Floor Index 79: 0	Floor Index 80: 0
		Floor Index 81: 0	Floor Index 82: 0	Floor Index 83: 0	Floor Index 84: 0	Floor Index 85: 0	Floor Index 86: 0	Floor Index 87: 0	Floor Index 88: 0
		Floor Index 89: 0	Floor Index 90: 0	Floor Index 91: 0	Floor Index 92: 0	Floor Index 93: 0	Floor Index 94: 0	Floor Index 95: 0	Floor Index 96: 0
		Floor Index 97: 0	Floor Index 98: 0	Floor Index 99: 0	Floor Index 100: 0	Floor Index 101: 0	Floor Index 102: 0	Floor Index 103: 0	Floor Index 104: 0
		Floor Index 105: 0	Floor Index 106: 0	Floor Index 107: 0	Floor Index 108: 0	Floor Index 109: 0	Floor Index 110: 0	Floor Index 111: 0	Floor Index 112: 0
		Floor Index 113: 0	Floor Index 114: 0	Floor Index 115: 0	Floor Index 116: 0	Floor Index 117: 0	Floor Index 118: 0	Floor Index 119: 0	Floor Index 120: 0
		Floor Index 121: 0	Floor Index 122: 0	Floor Index 123: 0	Floor Index 124: 0	Floor Index 125: 0	Floor Index 126: 0	Floor Index 127: 0	Floor Index 128: 0

Printed on: 22/01/2010 11:34:33 AM Page: 1

b. "Lift Access Level"

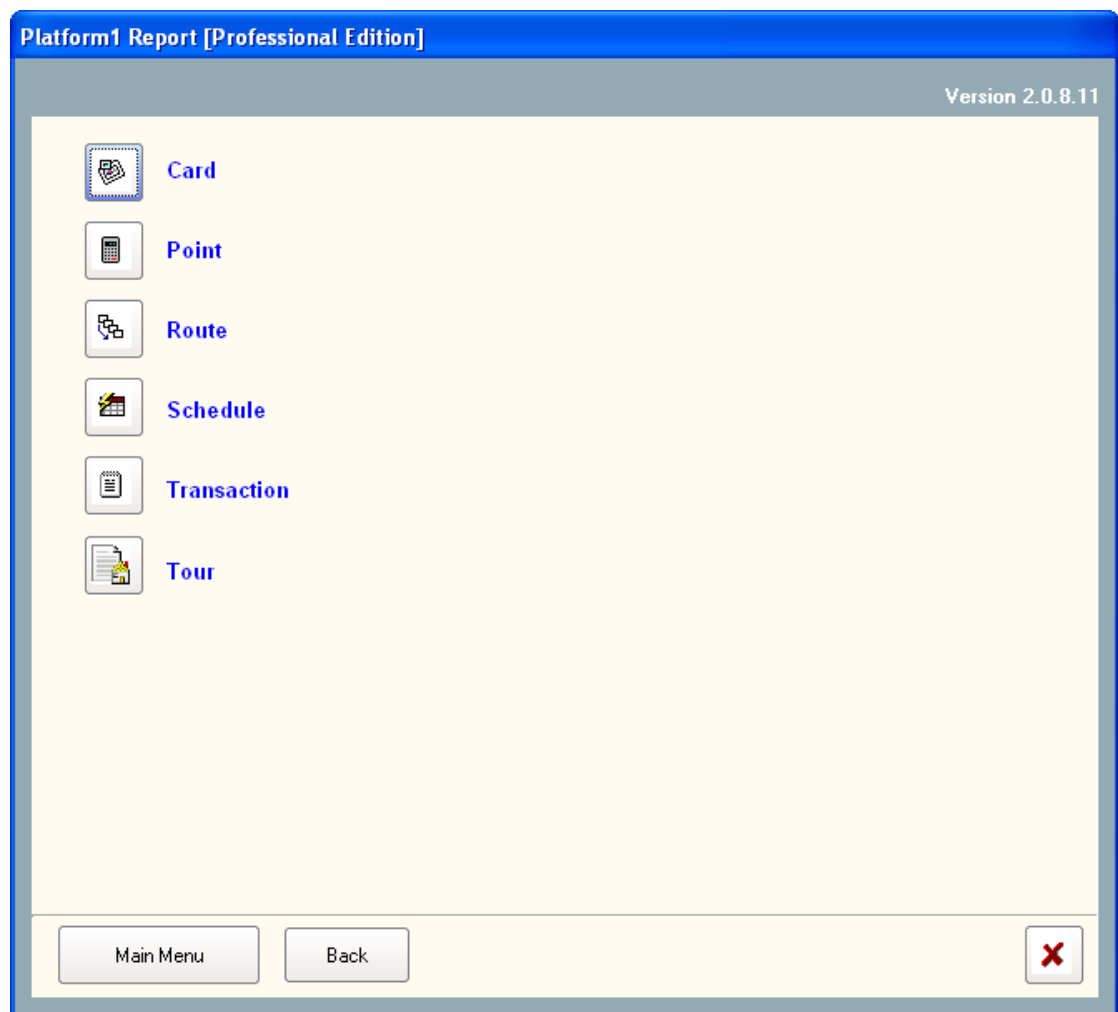
- Generate Lift Access Level Report
- Example:

Company Name		Platform1 Report 2.05.09.09 (RC.1)	
Lift Access Level Report			
No.	Desc	Lift	Floor Access Level
0	No Access	All Floors	0 - No Access
1	Full Access	All Floors	1 - Full Access
2	Lift1	L2K	2 - Lift1
3	F1,2,3	L2K	3 - F1,2,3
4	f1	L2K	4 - f1
5	f123	L2K	5 - f123
6	f13579	L2K	6 - f13579

14.7.8.4 Guard Report

System administrator can view all the updated guard tour settings and transaction in guard tour report menu.

1. Click on the guard tour report icon to proceed
2. Click on the sub icon on the report menu to view the specific system setting
 - Card
 - Point
 - Route
 - Schedule
 - Transaction
 - Tour
3. Click on "Back" to back to the previous menu
4. Click on "Main Menu" to return to the report menu
5. Click on "X" to exit the report menu



14.7.8.5 Daily Event Report

System administrator can view all the transaction data in daily event report menu.

1. Click on the daily event report icon to proceed
2. Set the desired settings according to the system administrator requests
 - Card Holder
 - Controller
 - Door & IOB
 - Sub Lift & Floor
 - Event Type
 - Other
3. Click on "Generate" to generate the report
4. Click on "Back" to back to the previous menu
5. Click on "Main Menu" to return to the report menu
6. Click on "X" to exit the report menu

The screenshot displays the 'Platform1 Report [Professional Edition]' window, version 2.05.09.09 (RC.1). The interface is divided into several sections:

- Database location:** Includes radio buttons for 'System Default' and 'Other'. The 'Other' option is selected, with a text field containing 'filename.fdb' and a browse button.
- Date & time:** Features four buttons: 'Today', 'Yesterday', 'This Week', and 'Last Week'. Below these, there are fields for 'Date' (From 22/01/2010 To 22/01/2010) and 'Time' (From 00:00:00 To 23:59:59).
- Event Filter:** Contains tabs for 'Door & IOB', 'Sub Lift & Floor', 'Event Type', and 'Others'. The 'Event Type' tab is active. It includes dropdown menus for 'Department' and 'Job Position', both with 'All' selected.
- Sort report by:** A dropdown menu set to 'Time'.
- Buttons:** At the bottom, there are four buttons: 'Main Menu', 'Back', 'Generate', and a red 'X' button for exit.

Platform1 Report [Professional Edition] Version 2.0.8.11

Database location

☒ System Default

☐ Other 

Date & time

 Today  Yesterday

 This Week  Last Week

Date
From 14/11/2008 To 14/11/2008

Time
From 00:00:00 To 23:59:59

Event Filter

Card Holder Controller Door & IOB Event Type Others

☒ Staff No: ☒ All

☐ Card No: ☒ All

☐ Name: ☒ All

Sort report by: [Time](#)

Main MenuBack

Generate

14.7.8.6 Daily Alarm Report

System administrator can view all the alarm transaction data in daily alarm report menu.

1. Click on the daily alarm report icon to proceed
2. Set the desired settings according to the system administrator requests
 - Card Holder
 - Controller
 - Door & IOB
 - Sub Lift & Floor
 - Event Type
 - Other
3. Click on "Generate" to generate the report
4. Click on "Back" to back to the previous menu
5. Click on "Main Menu" to return to the report menu
6. Click on "X" to exit the report menu

The screenshot shows the 'Platform1 Report [Professional Edition]' window, version 2.05.09.09 (RC.1). The window is divided into two main sections: 'Date & time' and 'Event Filter'.

Date & time: This section contains four buttons: 'Today', 'Yesterday', 'This Week', and 'Last Week'. Below these buttons, there are two fields: 'Date' (From 22/01/2010 To 22/01/2010) and 'Time' (From 00:00:00 To 23:59:59).

Event Filter: This section contains a tabbed interface with tabs for 'Card Holder', 'Controller', 'Door & IOB', 'Sub Lift & Floor', and 'Event'. The 'Card Holder' tab is selected. Below the tabs, there are three radio buttons: 'Staff No:', 'Card No:', and 'Name:'. Each radio button is followed by a dropdown menu and a checkbox labeled 'All'. The 'Staff No:' radio button is selected.

At the bottom of the window, there are four buttons: 'Main Menu', 'Back', 'Generate', and a red 'X' button.

Platform1 Report [Professional Edition] Version 2.0.8.11

Date & time

 Today  Yesterday

 This Week  Last Week

Date

From [14/11/2008](#) To [14/11/2008](#)

Time

From [00:00:00](#) To [23:59:59](#)

Sort report by: [Time](#)

Event Filter

Card Holder Controller & Door Event Type Others

☒ Staff No:



☒ All

☐ Card No:



☒ All

☐ Name:



☒ All

Main Menu

Back

Generate



14.7.8.7 User Audit Trail

This report is to view the system administrator activities in the system. (Any adjustment on the setting like card adding and controller deleting can be view from this report)

1. Click on the user audit trail report icon to proceed
2. Set the desire settings according to the system administrator requests
3. Click on "Generate" to generate the report
4. Click on "Back" to back to the previous menu
5. Click on "Main Menu" to return to the report menu
6. Click on "X" to exit the report menu

Platform1 Report [Professional Edition] Version 2.0.8.11

Database location

☒ System Default

☐ Other

Date & time

Today Yesterday

This Week Last Week

Date

From 14/11/2008 To 14/11/2008

Time

From 00:00:00 To 23:59:59

Filter

Login ☒ All

Action ☒ All

Table ☒ All

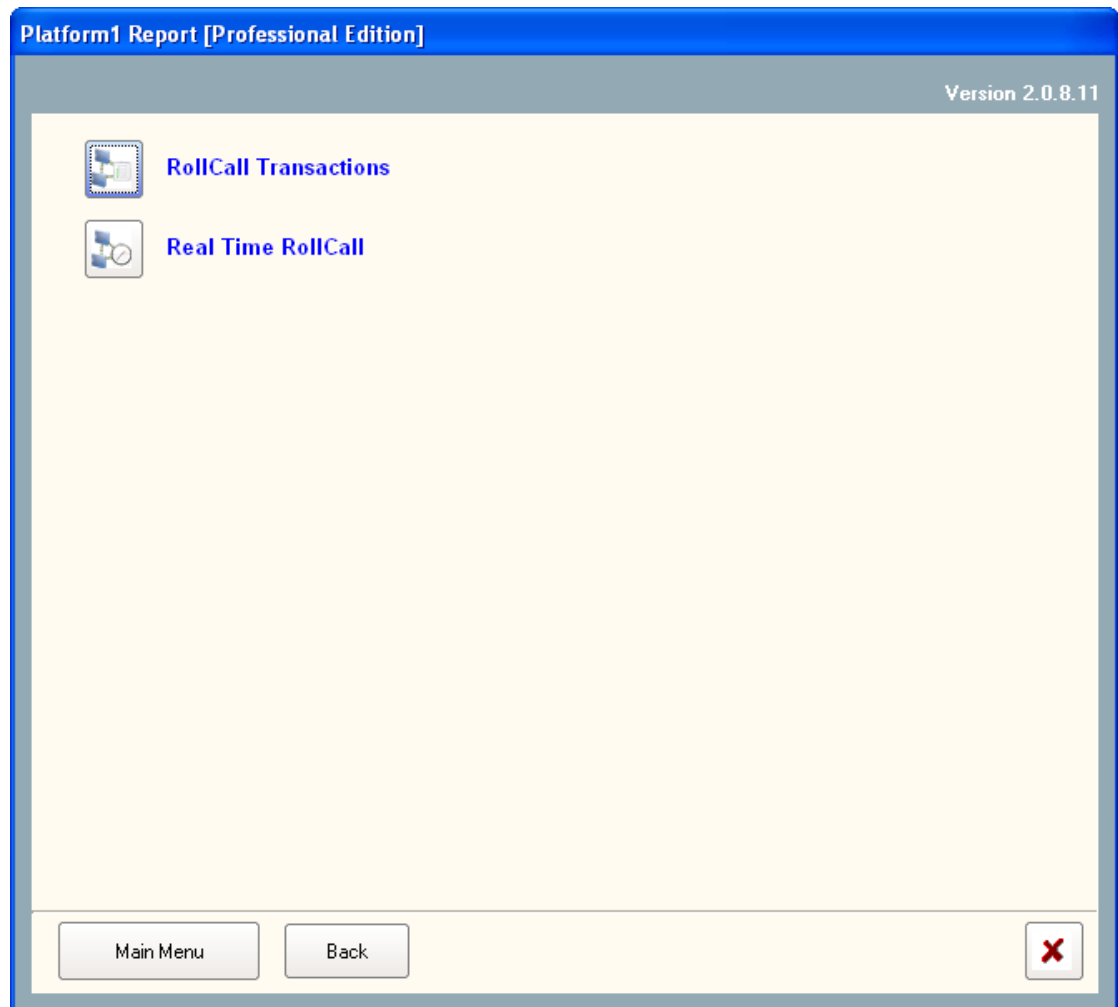
Sort report by: [Login](#)

Main Menu Back Generate

14.7.8.8 Roll Call Report

System administrator can view real time roll call and the transaction in roll call report menu.

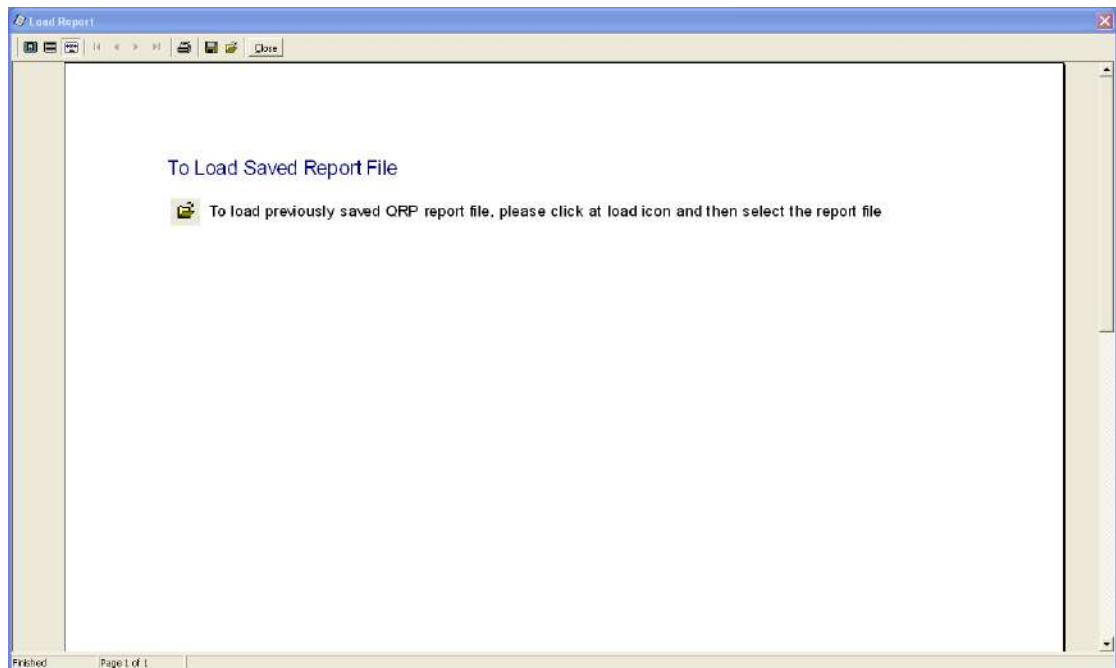
1. Click on the roll call report icon to proceed
2. Select and click on the sub icon on the report menu to proceed
1. Click on "Generate" to generate the report
3. Click on "Back" to back to the previous menu
4. Click on "Main Menu" to return to the report menu
5. Click on "X" to exit the report menu



14.7.8.9 Load Saved Report

System administrator can view back the previous saved report in load saved report menu

1. Click on the load saved report icon to proceed
2. Click on the "load report" button to locate the file and load the saved report into this page
3. Click on print icon button to print the report
4. Click on "Close" button or "X" to exit the report menu



NOTE: Please take note that the system administrator can only save report in QRP (quick report file) format. To view the QRP file in other PC, system administrator need to go to P1_Server directory (**C:\Program Files\ASD\IP1_Server**) to look for **ReportLoader.exe**, copy the ReportLoader to the pc to view the report.

14.7.8.10 Debug Report

System administrator can view the debugging information in debug report menu. Currently only PELCO Video Matrix Integration debugging information is available in the debug report.

1. Click on the debug report icon to proceed
2. Click on the PELCO video matrix integration icon to proceed
3. Set the desired settings according to the system administrator requests
4. Click on "Generate" to generate the report
5. Click on "Back" to back to the previous menu
6. Click on "Main Menu" to return to the report menu
7. Click on "X" to exit the report menu

Platform1 Report [Professional Edition] Version 2.0.8.11

Date & time

Today Yesterday

This Week Last Week

Date

From 14/11/2008 To 14/11/2008

Time

From 00:00:00 To 23:59:59

Event Filter

Monitor & Camera Controller & Door Others Card Holder

Monitor:

Camera:

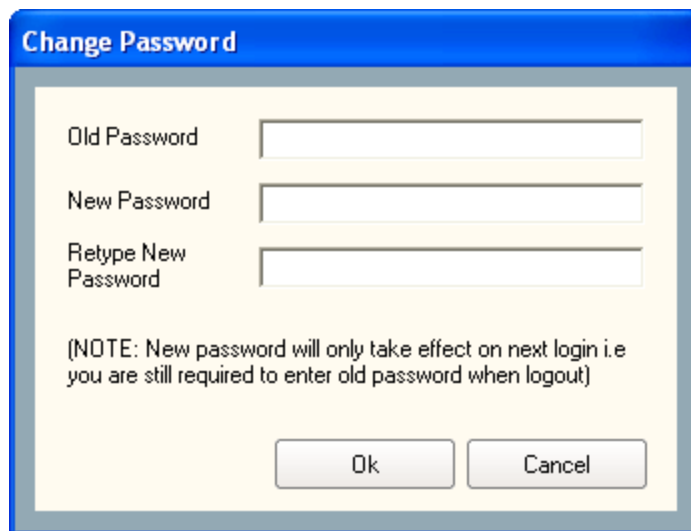
Sort report by: [None](#)

Main Menu Back Generate X



NOTE: Please take note that to view the report menu, system administrator need to install a printer driver

14.7.9 Password



A screenshot of a 'Change Password' dialog box. The dialog has a blue title bar with the text 'Change Password'. Inside, there are three text input fields labeled 'Old Password', 'New Password', and 'Retype New Password'. Below the fields is a note: '(NOTE: New password will only take effect on next login i.e you are still required to enter old password when logout)'. At the bottom are 'Ok' and 'Cancel' buttons.

Password

This section allow system administrator to change their existing password to a new password

1. *Enter the existing password*
2. *Enter the new password*
3. *Retype the new password*
4. *Click "OK" to save the new password*
5. *Click "Cancel" to discharge changing the existing password*

14.7.10 Diagnostic



The screenshot shows a 'Diagnostic' window with a table of system controllers. The table has columns for Controller 1 through Controller 8. Each column contains details for a specific controller, including its name, address, connection, state, polled count, component number, and port number. The states are color-coded: red for 'Down' and green for 'Up'.

	Controller 1	Controller 2	Controller 3	Controller 4	Controller 5	Controller 6	Controller 7	Controller 8
Process 1	Name: ALA Ctr Address: 127.0.0.112 Connection: Comport 2 State: Down Polled: 9 Comp No: 1 Port No: 2	Name: Lift Tower C Address: 127.0.100.131 Connection: Comport 2 State: Down Polled: 9 Comp No: 1 Port No: 2	Name: Lift tower A Address: 127.0.0.1 Connection: Comport 2 State: Down Polled: 9 Comp No: 1 Port No: 2	Name: Lift tower B Address: 127.0.211.1 Connection: Comport 2 State: Down Polled: 9 Comp No: 1 Port No: 2	Name: S2000 Address: 127.0.35.40 Connection: Comport 2 State: Up Polled: 2 Comp No: 1 Port No: 2	Name: S2100 Address: 255.255.255.0 Connection: Comport 2 State: Up Polled: 2 Comp No: 1 Port No: 2		
Process 2								
Process 3								
Process 4								
Process 5								
Process 6								
Process 7								

Diagnostic

This section allow system administrator to monitor current status of the system.

14.7.11 Client Status

P1 Client								
IP Address	PC Name	Port No.	Login	Login Type	Action	Time	Send ID	Send Slip

Total: [Sys User: 0, TA User: 0] Minimum clients supported: [Sys User: 5, TA User: 10]

Client Status (Remote logged on client)

This section allow system administrator to monitor current logged on user

Part

XV

15 Active Downloader

This chapter introduces user to the "Active Downloader" method of downloading cards to controllers. This method is only applicable to N-MiNi, N5100, N5200, N5400 controllers and user can have the privilege to choose either to download the card using the conventional method (sending card one by one at time) or Active Downloader method in the "Send Option" form.

The "Active Downloader" card downloading speed compare with conventional method is much more faster which will only takes less than a minutes to complete the sending process.

However, in order to use the "Active Downloader" method, user must obey on these few conditions:

- Only applicable to N-MiNi, N5100, N5200, N5400 controllers
- Only work if the cards number are more than 300, otherwise it will directly install using conventional method ("Send Option" form will not appear)
- Maximum 10000 cards only can be send using this method for N-MiNi
- Maximum 30000 cards only can be send using this method for N5200 and N5400
- Maximum 3000 cards only can be send using this method for N5100

Send Option

System recommend to use Active Downloader for the Active Network controllers:

(NOTE: System will use Conventional method for those controllers which are not listed)

Active Network Controller	Cards need to send	Maximum capacity
AN1002-3K	3002	3000
AN4004-30K	3002	30000

Total: 2

☒ Active Downloader

(WARNING: If Active Downloader is used, please take note that all cards at the controller will be cleared before cards are sent. Hence the associated door will reject all cards while sending of cards is in progress. Also, number of cards send are regardless of selection made earlier (if any). Instead, ALL cards will be sent)

☐ Security Off (disable security of door) while sending

☐ Security On (enable security door) after complete sending

☐ Conventional (one by one) send

(NOTE: Only the maximum capacity of cards will be sent even though you have more)

OK

During Active Download sending, user can perform security off if user tick "Security Off while sending".

If user tick "Security On after complete sending" also, after active download sending end, the controller will activate back the door security.

The Active Download "Send Option" form will only appear when the system is sending card to controller in condition that the cards number must be more than 300 cards for N-MiNi, N5100, N5200 and N5400. This form will appear in few places as shown below:

- Report for Service - New Controller Wizard:

If the access level or access group that you select on the "New Controller Wizard" form contain more than 300 cards, then when you click "Finish" button to proceed to the card sending process, the "Send Option" will pop out for you to select which methods to use.

Add New Controller Wizard for [192.168.1.100 : 00-01-02-03-01-02]

Please tick the Access Level/Access Group that you wish to have this controller and select its respective In Time Zone.

Access Group	In Time Zone
☐ NS4_D1	1 - 24 Hours Active
☐ NS4_D1_D2	1 - 24 Hours Active
☒ NS4_D3_D4	1 - 24 Hours Active

Click Finish to add the controller and end the wizard.

Buttons: Select All, Unselect All, Hide Access Level Detail, Back, Finish, Cancel.

Access Level Detail

Access Level: NS4_D3_D4

Door Name	In Time Zone
NS4_D3	1 - 24 Hours Active
NS4_D4	1 - 24 Hours Active

Hide

Add New Controller Wizard for [192.168.0.28 : 00-00-01-13-13-13]

Please tick the Access Level that you wish to have this controller and select its respective In Time Zone.

Access Level	In Time Zone
☐ 1	1 - 24 Hours Active
☒ 2	1 - 24 Hours Active
☐ 3	1 - 24 Hours Active
☐ 4	1 - 24 Hours Active
☐ 5	1 - 24 Hours Active

Click Finish to add the controller and end the wizard.

Buttons: Select All, Unselect All, Hide Access Level Detail, Back, Finish, Cancel.

Access Level Detail

Access Level: 2 - H&R access level

Door Name	In Time Zone
Main Door	1 - 24 Hours Active
2nd Entrance	1 - 24 Hours Active

Hide

- **Access Group**

On the Access Group form, highlight the selected access group:

1. Right click on the selected access group and click on "Send" or on the bottom screen click on the "Send" button to execute the sending process
2. If the access group contain more than 300 cards, the "Send Option" will pop out for you to select which methods to use
3. If the access group contain various of controller models, the controllers which is not listed on the "Send Option" form will automatically performed Conventional method

View Access Group

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name	Description
S4	

Send
Delete

Total: 1

Accessible Door:

Door /	Description	In Time Zone
N34.D1		1 - 24 Hours Active
N34.D2		1 - 24 Hours Active

Total: 2

Command

Host Name: Philip IP Address: 192.168.0.174 System User: EntryPass Date/Time: Fri, 18 Jun 2010 16:55:43

- **Access Level**

On the Access level form, highlight on the selected access level:

1. Right click on the selected access level and click on "Send" or on the bottom screen click on the "Send" button to execute the sending process
2. If the access level contain more than 300 cards, the "Send Option" will pop out for you to select which methods to use
3. If the access level contain various of controller models, the controllers which is not listed on the "Send Option" form will automatically performed Conventional method

View Access Level

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name /	Description
0	No Access
1	Full Access
2	Acc Lvl 1

Send
Delete
Retrieve

Total: 3

Accessible Door

Door	Description	In Time Zone
NDH_DL1		1 - 24 Hours Active

Total: 1

Command

Host Name: Philip IP Address: 192.168.0.174 System User: EntryPass Date/Time: Fri, 18 Jun 2010 16:54:45

Send Option

System recommend to use Active Downloader for the Active Network controllers:

(NOTE: System will use Conventional method for those controllers which are not listed)

Active Network Controller	Cards need to send	Maximum capacity
AN1002-3K	3002	3000
AN4004-30K	3002	30000

Total: 2

☒ Active Downloader

(WARNING: If Active Downloader is used, please take note that all cards at the controller will be cleared before cards are sent. Hence the associated door will reject all cards while sending of cards is in progress. Also, number of cards send are regardless of selection made earlier (if any). Instead, ALL cards will be sent)

☐ Security Off (disable security of door) while sending

☐ Security On (enable security door) after complete sending

☐ Conventional (one by one) send

(NOTE: Only the maximum capacity of cards will be sent even though you have more)

OK



NOTE: System will use Conventional method for those controllers which are not listed on the "Send Option" form

- **Send/Retrieve**

On the Send/Retrieve form (located at Chapter 8-Control Panel>Utilities>Send/Retrieve):

All

1. Select "All" and click on "Next" button
2. Select the controller that you wish to send and click on "Send" button to start sending all data include door parameter, time set, time zone, holiday, cards data and date time
3. The "Send Option" form will appear if the selected controller is a N-MINI and the controller access level group contain more than 300 cards

Send/Retrieve

Main -> Controller

Step 2: Please select controller.

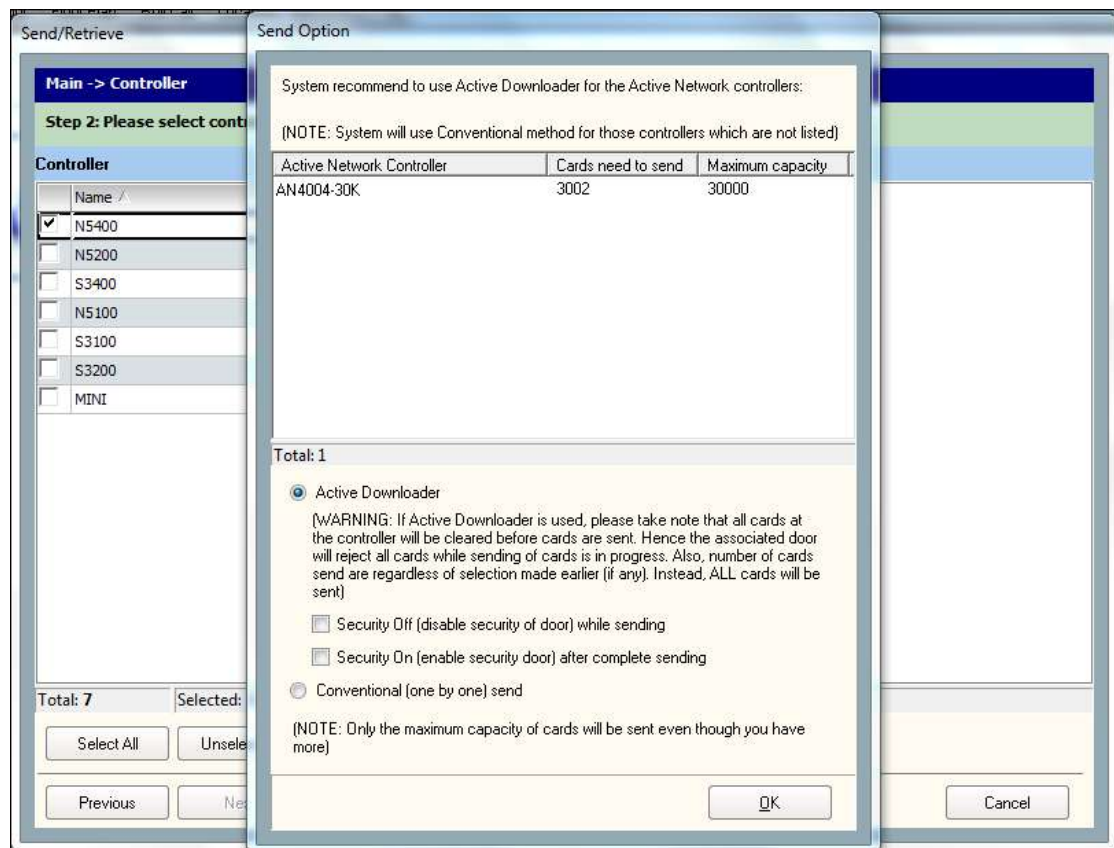
Controller

	Name ^	Description
☐	N5400	
☐	N5200	
☐	S3400	
☐	N5100	
☐	S3100	
☐	S3200	
☐	MINI	

Total: 7 Selected: 0

Select All Unselect All Send Retrieve

Previous Next Cancel



Specific - Accessibility

4. Select "Specific" and click on "Next" button
5. Click on the "Accessibility" button, select the accessibility tab (Access level, access group, floor access level, lift access level) that you wish to send and click on "Next" button
6. Select the controller that you wish to send the access level to and click on "Next" button
7. Select "Install/Update" and click on "Send" button to start the sending process

Send/Retrieve

Main -> Access Level

Step 2: Please select access level.

Time Set Time Zone **Accessibility** Controller Card Holiday Miscellaneous

Access Level

Access Level Access Group Floor Access Level Lift Access Level

	Access Group ▲	Description
☒	N54_D1	
☒	N54_D1_D2	
☒	N54_D3_D4	

Selected: 3

Select All Unselect All

Previous Next Cancel

Specific - Card

8. Select "Specific" and click on "Next" button
9. Click on the "Card" button, checked on the cards that you wish to send and click on "Next" button
10. Select the controller that you wish to send the cards to and click on "Next" button
11. Select "Add/Update" and click on "Send" button to start the sending process

Send/Retrieve

Main -> Card

Step 2: Please select card.

Time Set Time Zone Accessibility Controller **Card** Holiday Miscellaneous

Card

General Cards Lift Cards

	Card No. ▲	Card Type
☐	0000000002	Access Card
☐	0000000003	Access Card
☐	0000000004	Access Card
☐	0000000005	Access Card
☐	0000000006	Access Card
☐	0000000007	Access Card
☐	0000000008	Access Card
☐	0000000009	Access Card
☐	0000000010	Access Card
☐	0000000011	Access Card
☐	0000000012	Access Card

Total: 10003 Selected: 0

Select All Unselect All

Previous Next Cancel

- **Batch Card**

On the Batch Card form (located at Chapter 8-Control Panel>Utilities>Batch Card):

1. Assign the card number that you wish to install into the system card database
2. Checked on the "Send to controller" to install to controller as well
3. Click on "Generate" button to start the batch card adding process
4. If the card number range exceed 300 cards, the "Send Option" form will appear after the batch add process

Batch Card

Card No. From: 0000000002 Card No. To: 0000030000

Personal Data Card Data

General Lift

Start Date: Thursday, June 17, 2010

End Date: Wednesday, June 17, 2020

Access Level: 0 - No Access
N54_D1_D2 -
N54_D3_D4 -

Buddy Mode: ☐ No Buddy No:

Antipassback: ☒ Yes

Activate: ☒ Yes

Send To Controller: ☒ Yes

Generate Cancel

Status:

Part



16 Getting Started With Platform1 Client

As mentioned on the Getting Started With Platform1 Server section, system administrator can install the Platform1 Client software in other machine to monitor or manage the system. The Platform1 Client interface is exactly the same with Platform1 Server and the numbers of client that can be connected into the server is depend on the Platform1 Server Editions. There are 2 types of software edition in Platform1 Server:

Standard Edition

Consists of 1 system user and 2 TA user that can login concurrently into the Platform1 server.

Professional Edition

Consists of 5 system user and 10 TA user that can login concurrently into the Platform1 server. (Require a Dongle Key/License Key to activate the remaining features like Guard Tour and Lift access)



NOTE: System User can access on all the system database like card adding, controller adding and etc whereas TA User can only view on the time attendance records

To install Platform1 Client Application:

- Place the Platform1 CD installer into your CD/DVD drive and wait for the pop up menu to appear. Browse the CD and double click on the autorun.exe icon if the pop up menu doesn't appear on the screen.
- Install the Firebird Database Engine and then followed by Platform1 Client.



*NOTE: For more details on how to install the application, browse the CD installer and go to the MANUALS folder and look for this file: **P1.SIM.pdf***

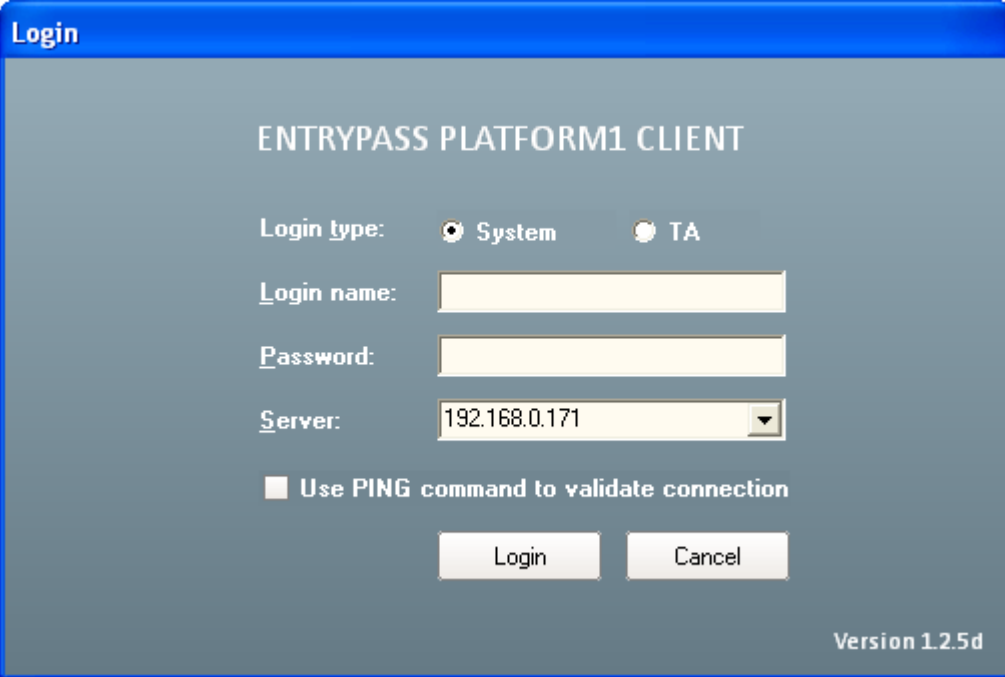
To Start Platform1 Client Application:

- From the Windows Start menu, click **Start > Programs > P1_Client > P1_Client** or double click on the desktop shortcut icon "P1_Client"
- Once ready, you will see the following screen:



The dialog box titled "Login to Interbase/Firebird Database" has a blue title bar with a close button. It contains two radio button options. The first option, "Use system default login (for new installation of Interbase/Firebird)", is selected. The second option is "Use existing login (if you have Interbase/Firebird Database Server already installed and running in this local machine, please enter the user and password below)". Below the options are two text input fields: "User" with the text "SYSDBA" and "Password" which is empty. At the bottom are two buttons: "Ok" with a green checkmark icon and "Cancel" with a red X icon.

1. Remain the first option which is "Use system default login. (for new installation of Interbase / Firebird)"
2. Ignore the Password fill.
3. Click on "OK" button to proceed into the software.



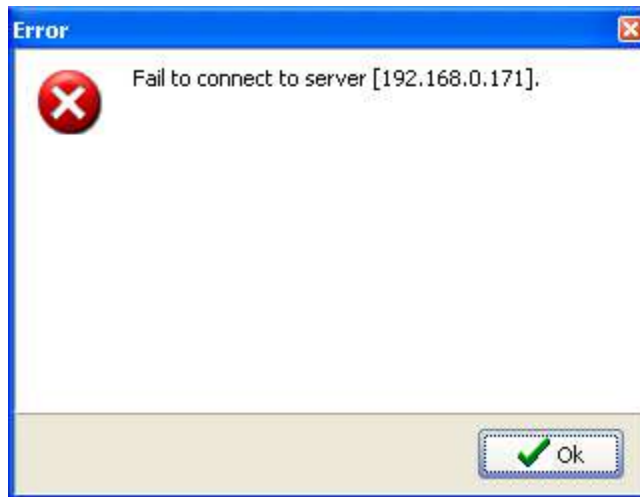
The dialog box titled "ENTRYPASS PLATFORM1 CLIENT" has a blue title bar with the word "Login" on the left. The main area has a grey background. It contains a "Login type:" label with two radio button options: "System" (selected) and "TA". Below are three text input fields: "Login name:", "Password:", and "Server:" with the text "192.168.0.171". Below the "Server:" field is a checkbox labeled "Use PING command to validate connection". At the bottom are two buttons: "Login" and "Cancel". The version "Version 1.2.5d" is displayed in the bottom right corner.

4. Select the Login user type. (To create System user login, please go to Platform1 Server > Control Panel > Company > System User and to create TA user login, please go to Platform1 Server > Control Panel > Company > Staff > Add > TA User Login)
5. On the login name fill, enter the login name base on the login type.
6. On the password fill, enter the password base on the login name.

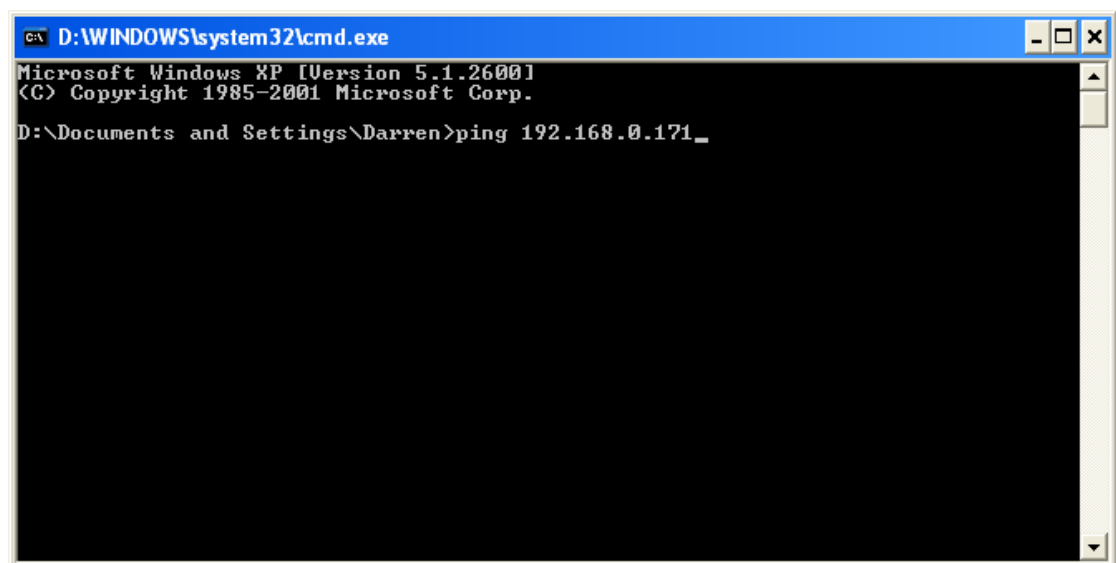
7. On the server fill, enter the PC IP address that contain the Platform1 Server application.
(System administrator must make sure that the Platform1 Server is run if the Platform1 Client wish to connect with it)
8. Click on the "OK" button to start connecting with the Platform1 Server application or "Cancel" to cancel up the connection with server.

Unable to connect Platform1 Client Application with Platform1 Server:

When system administrator try to login in from the client application and encounter this error message shown below, then system administrator need to check on few things before running the client application again.



1. Please try to check the network connection between the Server machine and the client machine. Go to START > RUN > Types "CMD" to ping the server IP.



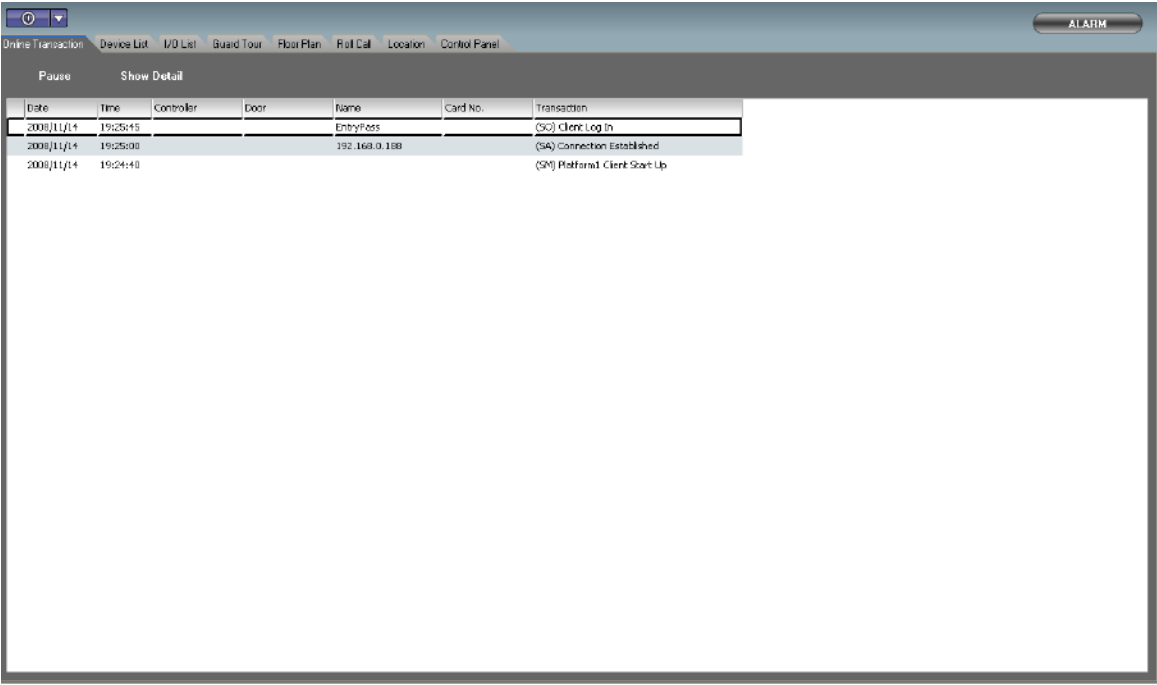
2. Please be aware that the window firewall can interrupt the connectivity between Server and Client application. To check the window firewall status, please go to **START > CONTROL PANEL > WINDOWS FIREWALL**. If the firewall is in ON status, then system administrator need to open up 10 TCP ports under the **WINDOW FIREWALL > EXCEPTIONS** on both Server and Client machines. If the firewall status is in OFF mode, then system administrator can choose to ignore the 10 TCP ports.

Port Types	Port
TCP	2100
TCP	2200
TCP	2201
TCP	2202
TCP	2203
TCP	2204
TCP	2300
TCP	2600
TCP	2601
TCP	3050

Please check the firebird database in **START > CONTROL PANEL > FIREBIRD 1.5 SERVER**

3. **MANAGER.**  (By default, the firebird database will be automatically start up when the window start). If the icon is not there, system administrator need to re-install again the firebird database.
4. Please check on the antivirus settings especially in the program/port blocking access to confirm whether the P1 client/server is in the list or not. Some powerful antivirus system may auto block the software from accessing to the window system.
5. Please check on the server application. If the server application is not running, then the error message will show up.

16.1 System User



Date	Time	Controller	Door	Name	Card No.	Transaction
2008/11/14	19:25:45			EntryPass		(SC) Client Log In
2008/11/14	19:25:00			192.168.0.188		(SA) Connection Established
2008/11/14	19:24:40					(SN) Platform1 Client Start-Up

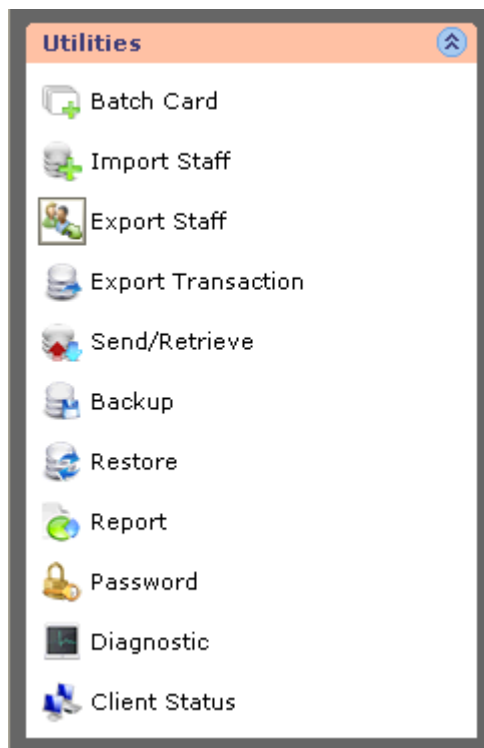
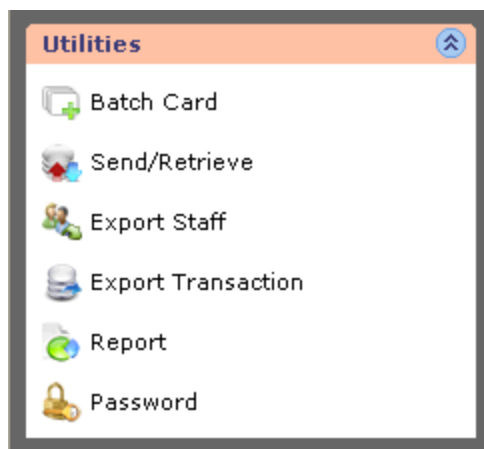
System User (Client login)

When login as a System User, system administrator can do all the admin operation like card adding, controller adding and etc without going into the server machine to do those operation. Please refer back on Chapter 8 - Control Panel Tab for more information on client application.



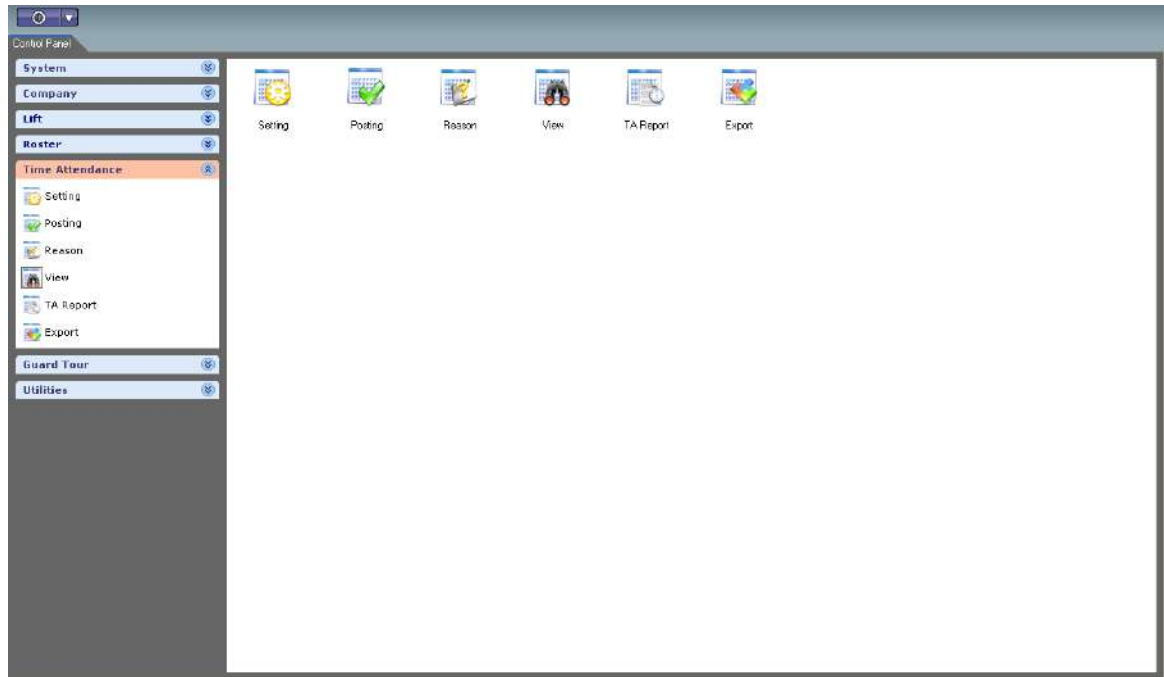
NOTE: By default, the client application auto logout time is set to 5 minutes, to change or to disable the client auto logout time, system administrator need to go to Control Panel > System > Preferences > Miscellaneous > Auto Logout to change the default setting.

Under the system user login, the client application interface is exactly the same with the server application but there are only few sub menu (Under the Utilities menu) that the client application does not include in:

**Platform1 Server****Platform1 Client**

NOTE: To create the System User account, system administrator need to go to Control Panel > Company > System User

16.2 TA User



TA User (Client login)

When login as a TA User, system administrators can only view their own time attendance records in report types. TA user cannot access on other menu like System, Company and etc. TA User consist of 2 types of user:

1. Normal - Can only view own time attendance report.
2. Admin - Can view all the staff on the selected department and given the authority (Authorize) to change the time attendance value of the selected staff.



NOTE: To create the TA User account, system administrator need to go to Control Panel > Company > Staff > Add > TA user login

Part

XVI

17 Appendix A - TA Report

Report

Report
Type: **General**

Date
From: 22 January, 2010 To: 22 January, 2010

Options
Staff: **All** ☒ All
Dept: **All** ☒ All
Job: **All** ☒ All
Shift: **All** ☒ All
Sort: **Staff No.** ☒ Page Break

More Options
☐ Early In ☐ Break Early In ☐ Absent ☐ Medical Leave
☐ Early Out ☐ Break Early Out ☐ Incomplete ☐ Annual Leave
☐ Late In ☐ Break Late In ☐ Overtime
☐ Late Out ☐ Break Late Out ☐ Not Working

Generate **Cancel**

Appendix A shows the Time Attendance Report in QRP and PDF Format

- General
- Early In
- Early Out
- Late In
- Late Out
- Break Early In
- Break Early Out
- Break Late In
- Break Late Out
- Absentee
- Incomplete
- Overtime

- Reason
- Not Working
- Time Card

17.1 TA Report - General

Report Preview : Time Attendance Report

Company Logo Company Name Platform1 Server 1.2.7b

Time Attendance Report - General
From: 2008/06/16 To: 2008/06/16

Attendance Flag : EE-Early In, EO-Early Out, LP-Late In, LO-Late Out, BEH-Break Early In, BL-Break Late In, BEO-Break Early Out, BLO-Break Late Out, AB-Absent, OT-OverTime, NW-Off Day, IC-InComplete, MC-Medical Lv, LV-Duesive

Date	Staff #	Name	Shift	Job	Record In	Record Out	Break Out	Break In	Work Hour	OT	EE	EO	LP	LO	BEH	BL	BEO	BLO	AB	OT	NW	IC	MC	LV
Department: Sa																								
2008/06/16	ASD1	Ryan	Normal Shift	S Director	09:21	13:40	13:29	13:40	03:21	00:00		X	X		X									
Departments: Pro																								
2008/06/16	ASD10	Mic Lin	Normal Shift	Pro-Plan	08:02	17:04			06:54	00:00	X		X											
2008/06/16	ASD11	Sansya	R1	Pro-Op	09:04	14:17	14:15	14:17	04:12	00:00			X		X									
2008/06/16	ASD12	Edwada	R1	Pro-Op	09:11	13:02	13:02	13:02	03:21	00:00		X	X		X									
Department: Ad																								
2008/06/16	ASD13	Ada	R1	A.E	09:13	17:44	13:53		07:25	00:00	X	X												
Department: Pro																								
2008/06/16	ASD14	Phoe	Normal Shift	Pro-In	09:10				00:00	00:00													X	
2008/06/16	ASD15	Bryan Chang	Normal Shift	Pro-In	09:09	13:28	13:28		03:18	00:00			X											
Department: RnD																								
2008/06/16	ASD16	Chang	Normal Shift	AM	09:48	20:29	12:55	14:24	09:41	02:14	X		X		X									X
Department: Sa																								
2008/06/16	ASD17	Agnus	Normal Shift	SalveE	16:20				00:00	00:00		X											X	

2700% Page 1 of 3 Time Attendance Report

QRP format

TA report - General.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment 71.3%

Company Logo Company Name Platform Server 1.2.7b

Time Attendance Report - General
From: 2008/05/16 To: 2008/06/16

Attendance Flag: (E-Early In, ED-Early Out, L-Late In, LO-Late Out, BE-Break Early In, BE-Break Early Out, BO-Break Late In, BO-Break Late Out, A-Absent, OT-OverTime, NW-Off Day, CC-Complete, MC-Medical Co, LV-Leave)

Date	Staff	Name	Shift	Job	Record	Break	Work	OT	ET	ED	LO	BE	BO	AO	AS	OT	MC	LV
Department: Sa																		
2008/05/16 ASD1	Ryan	Normal SHR	S.Director		09:03	12:42	13:28	12:42	00:00	X	X	X						
Department: Pro																		
2008/06/16 ASD16	Miss Lim	Normal SHR	Pro-Plan		08:52	17:04				X								
2008/06/16 ASD11	Doreen	Pro-Plan	Pro-Plan		09:04	14:07	14:36	14:07		X								
2008/06/16 ASD13	Deborah	Pro-Plan	Pro-Plan		09:14	13:32	13:32	13:32		X	X	X						
Department: Ad																		
2008/06/16 ASD13	Aida	Pro	A.E		09:19	17:44	15:53			X	X							
Department: Pro																		
2008/06/16 ASD14	Phao	Normal SHR	Pro-Plan		09:18					X								
2008/06/16 ASD15	Doreen	Normal SHR	Pro-Plan		09:09	15:28	15:28			X								
Department: RnD																		
2008/06/16 ASD16	Cheng	Normal SHR	AM		09:40	18:28	12:56	14:34	14:41	X	X	X						
Department: Sa																		
2008/06/16 ASD17	Agnes	Normal SHR	Sales/E		10:00					X								
Department: S&S																		

PDF format

17.2 TA Report - Early In

Report Preview : Time Attendance Report



Company Logo

Company Name

Platform Server 1.2.7b

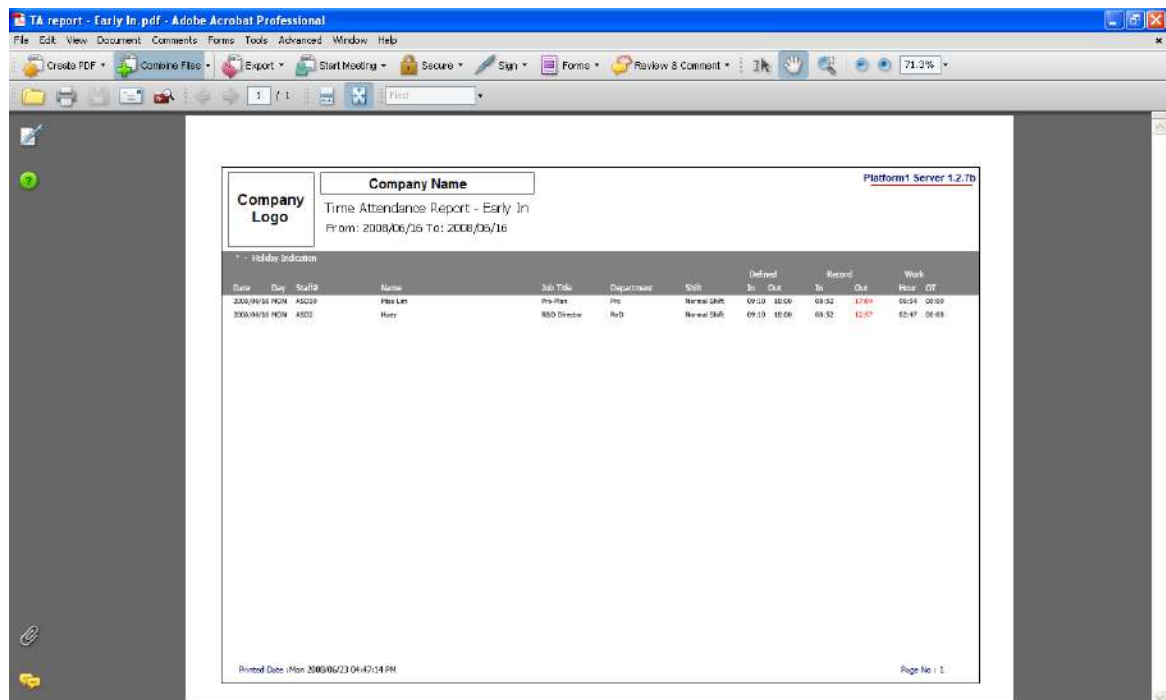
Time Attendance Report - Early In
From: 2008/06/16 To: 2008/06/16

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined		Record		Work	
							In	Out	In	Out	Hour	OT
2008/06/16	MON	ASD16	Miss Lim	Pro-Plan	Pro	Normal Shift	09:03	18:00	09:02	17:04	06:54	00:00
2008/06/16	MON	ASD2	Huey	R&D Director	R&D	Normal Shift	09:03	18:00	09:02	12:57	02:42	00:00

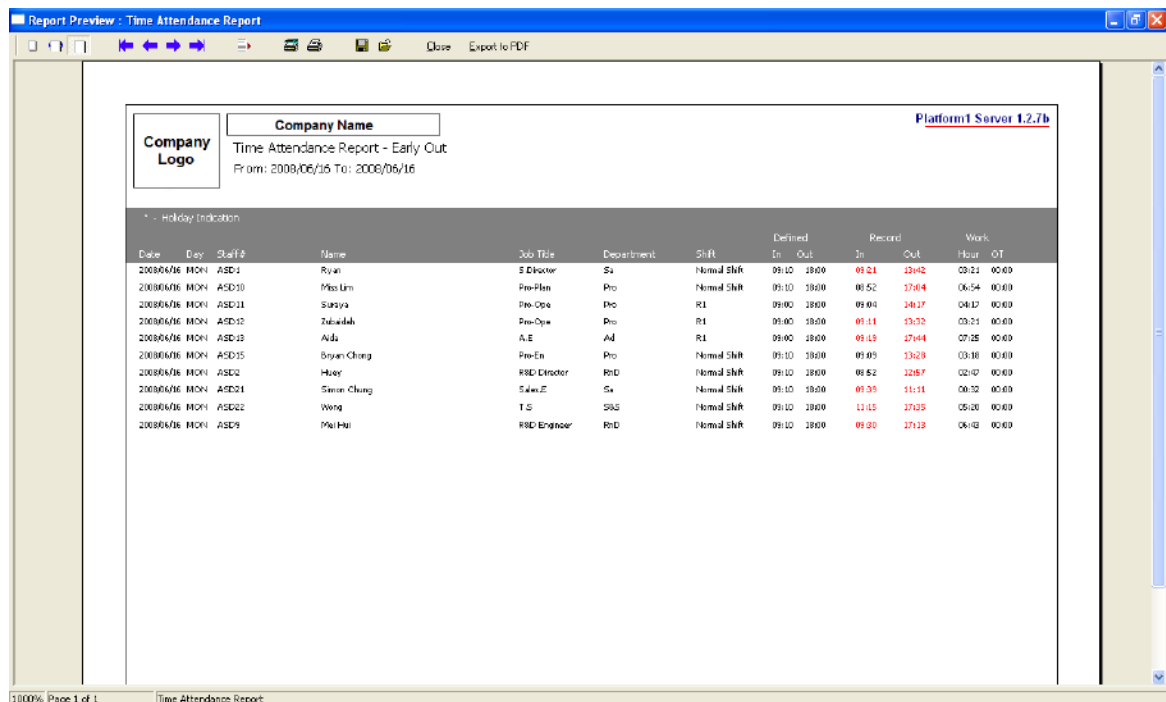
200% (Page 1 of 1)Time Attendance Report

QRP format



PDF format

17.3 TA Report - Early Out



QRP format

TA report - Early Out.pdf - Adobe Acrobat Professional

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Company Logo

Company Name

Platform Server 1.2.7b

Time Attendance Report - Early Out

From: 2008/06/15 To: 2008/06/16

Holiday Indication

Date	Day	Shift	Name	Job Title	Department	Shift	Check In	Check Out	Record In	Record Out	Work Hour	OT
2008/06/15	MON	AS01	Rayn	Director	Sa	Normal Shift	09:10	18:00	09:10	18:00	08:50	00:00
2008/06/15	MON	AS01	Mia Lim	Pro-Pas	Fin	Normal Shift	09:10	18:00	09:10	17:50	08:40	00:00
2008/06/15	MON	AS01	Seena	Pro-ops	Fin	R1	09:00	18:00	09:04	18:17	09:13	00:00
2008/06/15	MON	AS01	Jonathan	Pro-ops	Fin	R1	09:00	18:00	09:11	18:02	08:51	00:00
2008/06/15	MON	AS01	Ade	Asst	Adm	R1	09:00	18:00	09:10	17:44	08:34	00:00
2008/06/15	MON	AS01	Bryan Chong	Pro-ops	Fin	Normal Shift	09:10	18:00	09:09	18:28	09:19	00:00
2008/06/15	MON	AS02	Maya	R&D Director	RnD	Normal Shift	09:10	18:00	09:10	18:07	08:57	00:00
2008/06/15	MON	AS03	Simon Chung	Sales	Sa	Normal Shift	09:10	18:00	09:10	18:11	09:00	00:00
2008/06/15	MON	AS02	Wong	TL	S&E	Normal Shift	09:10	18:00	11:10	17:20	08:10	00:00
2008/06/15	MON	AS01	Mia Hui	R&D Engineer	RnD	Normal Shift	09:10	18:00	09:10	18:10	09:00	00:00

Printed Date: Mon 2008/06/23 04:55:51 PM

Page No: 1

PDF format

17.4 TA Report - Late In

Report Preview : Time Attendance Report

Company Logo

Company Name

Time Attendance Report - Late In

From: 2008/05/16 To: 2008/06/16

Platform1 Server 1.2.7b

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/06/16	MON	ASD1	Ryan	S.Director	Sa	Normal Shift	09:00	18:00	09:21	17:40	08:21	00:00
2008/06/16	MON	ASD12	Zubaidah	Proc-Ope	Pro	RT	09:00	18:00	09:31	17:32	08:21	00:00
2008/06/16	MON	ASD13	Aida	A.E	Ad	RT	09:00	18:00	09:29	17:44	07:25	00:00
2008/06/16	MON	ASD15	Cheng	AM	PaD	Normal Shift	09:10	18:00	09:40	20:29	09:41	02:14
2008/06/16	MON	ASD17	Agnes	Sales E	Sa	Normal Shift	09:00	18:00	09:20		00:00	00:00
2008/06/16	MON	ASD18	Tan	T.E	SAS	Normal Shift	09:10	18:00	09:26	18:41	08:15	00:00
2008/06/16	MON	ASD19	CPSiah	R&D Engineer	PaD	Normal Shift	09:00	18:00	09:08	18:13	07:45	00:00
2008/06/16	MON	ASD20	Daniel Mui	Sales M	Sa	Normal Shift	09:10	18:00	09:21	18:01	08:10	00:00
2008/06/16	MON	ASD21	Simon Chung	Sales E	Sa	Normal Shift	09:00	18:00	09:29	17:11	00:02	00:00
2008/06/16	MON	ASD22	Wong	T.S	SAS	Normal Shift	09:00	18:00	11:05	17:18	06:20	00:00
2008/06/16	MON	ASD3	Mi Heng	Proc-M	Pro	Normal Shift	09:10	18:00	09:54	18:22	07:33	00:02
2008/06/16	MON	ASD4	Damen	S.E	SAS	Normal Shift	09:00	18:00	09:21	18:22	09:00	01:06
2008/06/16	MON	ASD7	Hui	S.E	SAS	Normal Shift	09:10	18:00	09:54	19:21	08:47	01:06
2008/06/16	MON	ASD9	Me Hui	R&D Engineer	PaD	Normal Shift	09:00	18:00	09:08	17:12	06:49	00:00
2008/06/16	MON	asl-jb	yang hang			Normal Shift	09:10	18:00	12:38		00:00	00:00

1500% Page 1 of 1 Time Attendance Report

QRP format

TA report - Late In.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

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Company Logo

Company Name

Time Attendance Report - Late In

From: 2008/05/16 To: 2008/06/16

Platform1 Server 1.2.7b

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/06/16	MON	ASD1	Ryan	S.Director	Sa	Normal Shift	09:00	18:00	09:21	17:42	08:21	00:00
2008/06/16	MON	ASD12	Zubaidah	Proc-Ope	Pro	RT	09:00	18:00	09:11	17:32	08:21	00:00
2008/06/16	MON	ASD13	Aida	A.E	Ad	RT	09:00	18:00	09:19	17:44	07:25	00:00
2008/06/16	MON	ASD15	Cheng	AM	PaD	Normal Shift	09:10	18:00	09:40	20:29	09:41	02:14
2008/06/16	MON	ASD17	Agnes	Sales E	Sa	Normal Shift	09:10	18:00	09:20		00:00	00:00
2008/06/16	MON	ASD19	Tan	T.E	SAS	Normal Shift	09:10	18:00	09:26	18:41	08:15	00:00
2008/06/16	MON	ASD20	CPSiah	R&D Engineer	PaD	Normal Shift	09:10	18:00	09:29	18:13	07:45	00:00
2008/06/16	MON	ASD21	Simon Chung	Sales E	Sa	Normal Shift	09:10	18:00	09:29	17:11	00:02	00:00
2008/06/16	MON	ASD22	Wong	T.S	SAS	Normal Shift	09:10	18:00	11:05	17:18	06:20	00:00
2008/06/16	MON	ASD3	Mi Heng	Proc-M	Pro	Normal Shift	09:10	18:00	09:54	18:22	07:33	00:02
2008/06/16	MON	ASD4	Damen	S.E	SAS	Normal Shift	09:10	18:00	09:21	18:22	09:00	01:06
2008/06/16	MON	ASD7	Hui	S.E	SAS	Normal Shift	09:10	18:00	09:54	19:21	08:47	01:06
2008/06/16	MON	ASD9	Me Hui	R&D Engineer	PaD	Normal Shift	09:10	18:00	09:20	17:12	06:49	00:00
2008/06/16	MON	asl-jb	yang hang			Normal Shift	09:10	18:00	12:38		00:00	00:00

Printed Date : Mon 2008/06/16 04:51:46 PM Page No : 1

PDF format

17.5 TA Report - Late Out

Report Preview : Time Attendance Report

Company Logo

Company Name

Time Attendance Report - Late Out

From: 2008/06/16 To: 2008/06/16

Platform Server 1.2.7b

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/06/16	MON	ASD05	Chang	AM	RnD	Normal Shift	09:10	18:00	09:18	20:29	09:41	02:14
2008/06/16	MON	ASD10	Tan	T.E	S&S	Normal Shift	09:10	18:00	09:26	18:41	08:15	00:26
2008/06/16	MON	ASD19	CPShah	R&D Engineer	RnD	Normal Shift	09:10	18:00	09:28	18:12	07:48	00:00
2008/06/16	MON	ASD3	Mr Heng	Proc-M	Proc	Normal Shift	09:10	18:00	09:54	18:27	07:33	00:02
2008/06/16	MON	ASD4	Vivienne Neo	A.E	Ad	Normal Shift	09:10	18:00	09:16	18:18	08:39	00:04
2008/06/16	MON	ASD6	Damen	S.E	S&S	Normal Shift	09:10	18:00	09:21	19:21	09:00	01:06
2008/06/16	MON	ASD7	Hoa	S.E	S&S	Normal Shift	09:10	18:00	09:04	19:12	08:47	01:06
2008/06/16	MON	ASD8	Suk Wen	S.E	Sx	Normal Shift	09:10	18:00	09:08	19:08	08:53	00:03

100% Page 1 of 1 Time Attendance Report

QRP format

TA report - Late Out.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment

71.3%

Company Logo

Company Name

Time Attendance Report - Late Out

From: 2008/06/16 To: 2008/06/16

Platform Server 1.2.7b

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/06/16	MON	ASD05	Chang	AM	RnD	Normal Shift	09:10	18:00	09:18	20:29	09:41	02:14
2008/06/16	MON	ASD10	Tan	T.E	S&S	Normal Shift	09:10	18:00	09:26	18:41	08:15	00:26
2008/06/16	MON	ASD19	CPShah	R&D Engineer	RnD	Normal Shift	09:10	18:00	09:28	18:12	07:48	00:00
2008/06/16	MON	ASD3	Mr Heng	Proc-M	Proc	Normal Shift	09:10	18:00	09:54	18:27	07:33	00:02
2008/06/16	MON	ASD4	Vivienne Neo	A.E	Ad	Normal Shift	09:10	18:00	09:16	18:18	08:39	00:04
2008/06/16	MON	ASD6	Damen	S.E	S&S	Normal Shift	09:10	18:00	09:21	19:21	09:00	01:06
2008/06/16	MON	ASD7	Hoa	S.E	S&S	Normal Shift	09:10	18:00	09:04	19:12	08:47	01:06
2008/06/16	MON	ASD8	Suk Wen	S.E	Sx	Normal Shift	09:10	18:00	09:08	19:08	08:53	00:03

Printed Date: Mon 2008/06/23 04:53:32 PM Page No: 1

PDF format

17.6 TA Report - Break Early In

Report Preview : Time Attendance Report

Company Name: [] Platform1 Server 1.2.7b

Time Attendance Report - Break Early In
From: 2008/05/16 To: 2008/06/16

Company Logo

Holiday Indication

Date	Staff#	Name	Job Title	Department	Day	Shift	Break Start	Break End	Break Out	Break In	Work Hour	OT
2008/06/16	ASD1	Ryan	S.Director	Sa	MON	Normal Shift	13:00	14:00	13:29	13:42	03:21	00:00
2008/06/16	ASD12	Zubaidah	Pro Ops	Pro	MON	RL	12:00	14:00	12:02	12:12	02:21	00:00
2008/06/16	ASD14	OPStah	R&D Engineer	RnD	MON	Normal Shift	13:00	14:00	13:05	13:14	07:45	00:00
2008/06/16	ASD9	Mei Hu	R&D Engineer	RnD	MON	Normal Shift	12:00	14:00	12:05	12:17	06:40	00:00

400% Page 1 of 1 Time Attendance Report

QRP format

TA report - Break Early In.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment 71.9%

Company Name: [] Platform1 Server 1.2.7b

Time Attendance Report - Break Early In
From: 2008/06/26 To: 2008/05/16

Company Logo

Holiday Indication

Date	Staff#	Name	Job Title	Department	Day	Shift	Break Start	Break End	Break Out	Break In	Work Hour	OT
2008/06/26	ASD1	Ryan	S.Director	Sa	MON	Normal Shift	13:00	14:00	13:29	13:42	03:21	00:00
2008/06/26	ASD12	Zubaidah	Pro Ops	Pro	MON	RL	12:00	14:00	12:02	12:12	02:21	00:00
2008/06/26	ASD14	OPStah	R&D Engineer	RnD	MON	Normal Shift	13:00	14:00	13:05	13:14	07:45	00:00
2008/06/26	ASD9	Mei Hu	R&D Engineer	RnD	MON	Normal Shift	12:00	14:00	12:05	12:17	06:40	00:00

Printed Date: Mon 2008/06/23 04:55:27 PM Page No: 1

PDF format

17.7 TA Report - Break Early Out

Report Preview : Time Attendance Report

Company Logo

Company Name

Platform1 Server 12.7b

Time Attendance Report - Break Early Out

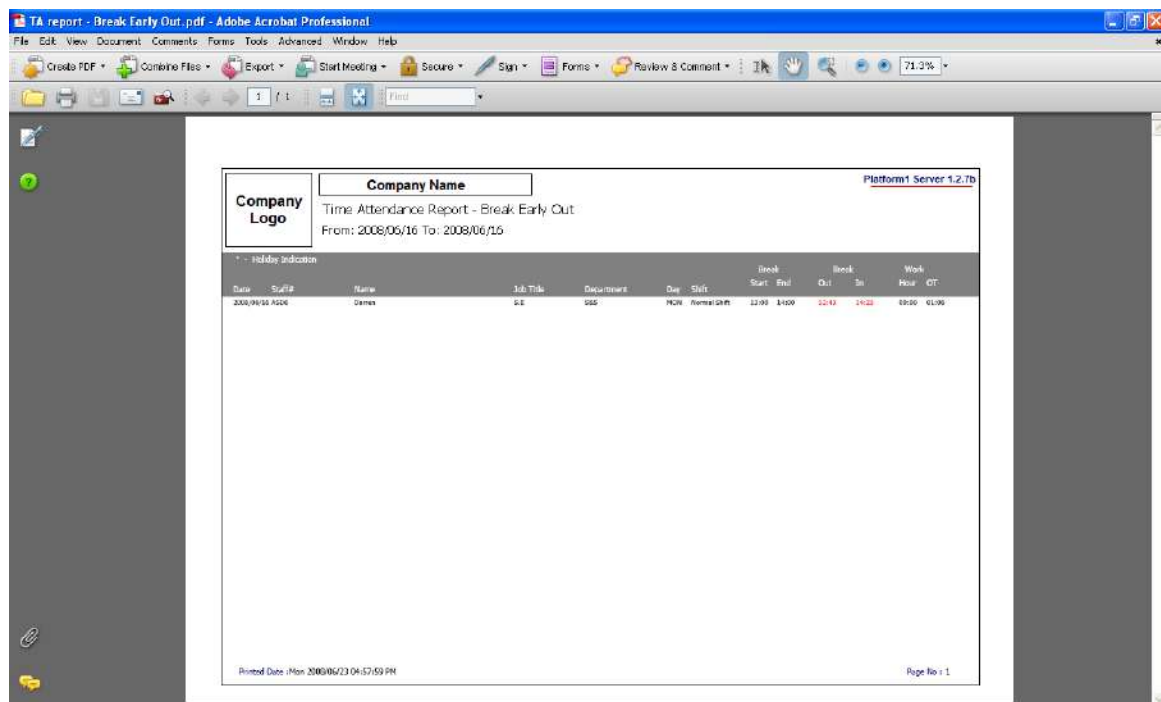
From: 2008/06/16 To: 2008/06/16

• - Holiday Indication

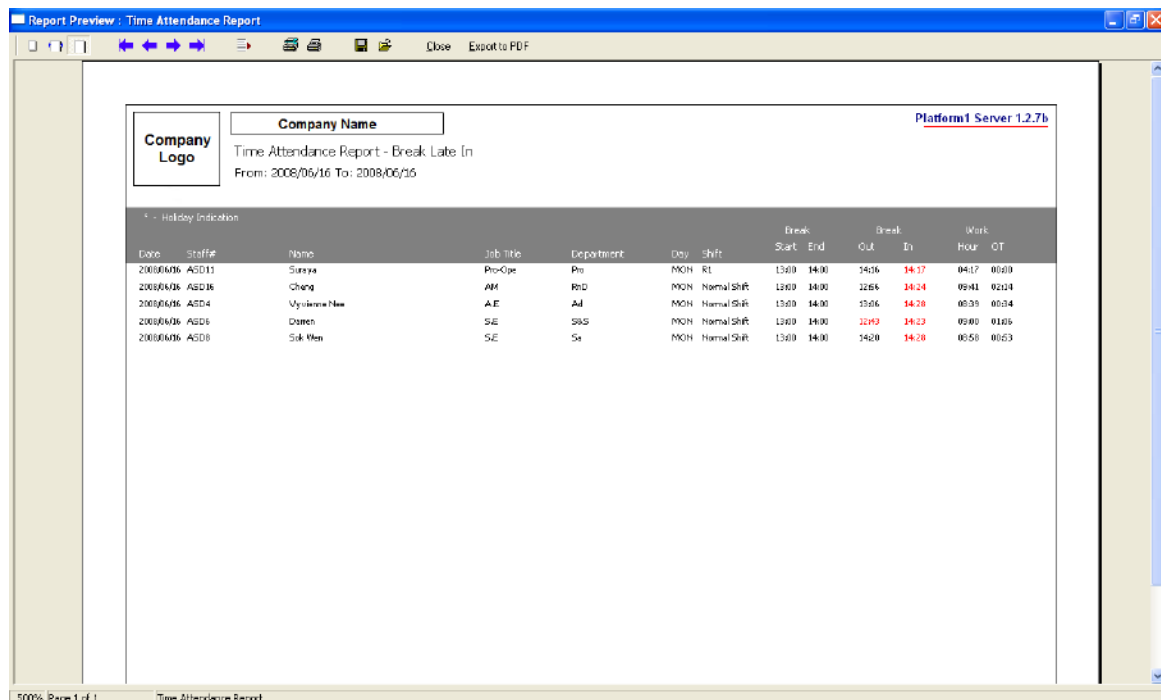
Date	Staff#	Name	Job Title	Department	Day	Shift	Break Start	Break End	Break Out	Break In	Work Hour	OT
2008/06/16	ASD6	Duren	SE	SES	MON	Normal Shift	13:09	14:00	12:10	14:23	09:00	01:05

Page 1 of 1Time Attendance Report

QRP format

**PDF format**

17.8 TA Report - Break Late In

**QRP format**

TA report - Break Late In.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment 71.2%

Company Logo Company Name Platform1 Server 1.2.7b

Time Attendance Report - Break Late In

From: 2008/06/16 To: 2008/06/16

* - Holiday Indication

Date	Staff#	Name	Job Title	Department	Day	Shift	Break Start	Break End	Break Out	Break In	Work Hour	OT
2008/06/16 ASD11		Samya	Pro-Ops	Pro	MON	RL	12:00	14:00	14:15	14:17	04:17	00:00
2008/06/16 ASD16		Cheng	AM	RoD	MON	Normal Shift	13:00	14:00	12:58	14:24	04:41	02:14
2008/06/16 ASD1		Vivianee Neo	A/E	Ad	MON	Normal Shift	13:00	14:00	13:06	14:20	04:39	00:39
2008/06/16 ASD6		Samya	S.E	S&S	MON	Normal Shift	13:00	14:00	13:03	14:04	04:00	01:00
2008/06/16 ASD8		Soh Wen	S.E	Sa	MON	Normal Shift	13:00	14:00	14:20	14:26	04:56	03:56

Printed Date: Mon 2008/06/23 04:59:26 PM Page No: 1

PDF format

17.9 TA Report - Break Late Out

Report Preview: Time Attendance Report

Company Logo Company Name Platform1 Server 1.2.7b

Time Attendance Report - Break Late Out

From: 2008/06/16 To: 2008/06/16

* - Holiday Indication

Date	Staff#	Name	Job Title	Department	Day	Shift	Break Start	Break End	Break Out	Break In	Work Hour	OT
2008/06/16 ASD1		Ryan	SDirector	Sa	MON	Normal Shift	13:00	14:00	13:09	13:42	03:41	00:00
2008/06/16 ASD11		Samya	Pro-Ops	Pro	MON	RL	13:00	14:00	14:16	14:17	04:17	00:00
2008/06/16 ASD12		Zabedah	Pro-Ops	Pro	MON	RL	13:00	14:00	13:02	13:32	03:31	00:00
2008/06/16 ASD13		Aida	A/E	Ad	MON	RL	13:00	14:00	13:03		03:25	00:00
2008/06/16 ASD15		Bryan Chong	Pro-En	Pro	MON	Normal Shift	13:00	14:00	13:08		03:18	00:00
2008/06/16 ASD16		Tan	T/E	S&S	MON	Normal Shift	13:00	14:00	14:07		03:15	00:00
2008/06/16 ASD19		CP Seah	R&D Engineer	R&D	MON	Normal Shift	13:00	14:00	13:05	13:24	03:46	00:00
2008/06/16 ASD3		Mi Heng	Pro-En	Pro	MON	Normal Shift	13:00	14:00	13:02	13:53	03:53	00:00
2008/06/16 ASD9		Soh Wen	S.E	Sa	MON	Normal Shift	13:00	14:00	14:20	14:26	04:56	03:56
2008/06/16 ASD9		Mei Han	R&D Engineer	R&D	MON	Normal Shift	13:00	14:00	13:05	13:37	03:40	00:00

1000% Page 1 of 1 Time Attendance Report

QRP format

TA report - Break Late Out.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Modeling Secure Sign Forms Review & Comment 71.3%

Company Logo Company Name Platform1 Server 1.2.7b

Time Attendance Report - Break Late Out

From: 2008/06/16 To: 2008/06/16

Holiday Indication

Date	Staff#	Name	Job Title	Department	Day	Shift	Break Start	Break End	Break Out	Break In	Work Hour	OT
2008/06/16 AS02		Iyan	S-Director	Sa	MON	Normal Shift	12:00	14:00	12:20	12:42	08:21	09:00
2008/06/16 AS011		Suzanne	Pro-Op	Pro	MON	R1	13:00	14:00	14:18	14:17	04:17	09:00
2008/06/16 AS012		Schneider	Pro-Op	Pro	MON	R1	13:00	14:00	13:32	13:32	03:21	09:00
2008/06/16 AS013		Ron	A/E	Ad	MON	R1	12:00	14:00	12:00	12:00	07:25	09:00
2008/06/16 AS013		Jayson Chang	Pro-En	Pro	MON	Normal Shift	12:00	14:00	12:08	12:08	03:18	09:00
2008/06/16 AS014		Tan	T/E	S&S	MON	Normal Shift	13:00	14:00	14:07	14:07	08:15	09:00
2008/06/16 AS019		CP Sak	R&D Engineer	R&D	MON	Normal Shift	13:00	14:00	13:15	13:24	07:45	09:00
2008/06/16 AS01		Ho Wang	Pro-M	Pro	MON	Normal Shift	13:00	14:00	13:53	13:53	07:41	09:12
2008/06/16 AS04		Suk Wai	S/E	Sa	MON	Normal Shift	12:00	14:00	14:20	14:22	06:30	09:33
2008/06/16 AS09		Hui Hui	R&D Engineer	R&D	MON	Normal Shift	12:00	14:00	12:25	12:27	06:42	09:00

Printed Date: Mon 2008/06/16 05:06:29 PM Page No: 1

PDF format

17.10 TA Report - Absentee

Report Preview: Time Attendance Report

Company Logo Company Name Platform1 Server 1.2.7b

Time Attendance Report - Absentee

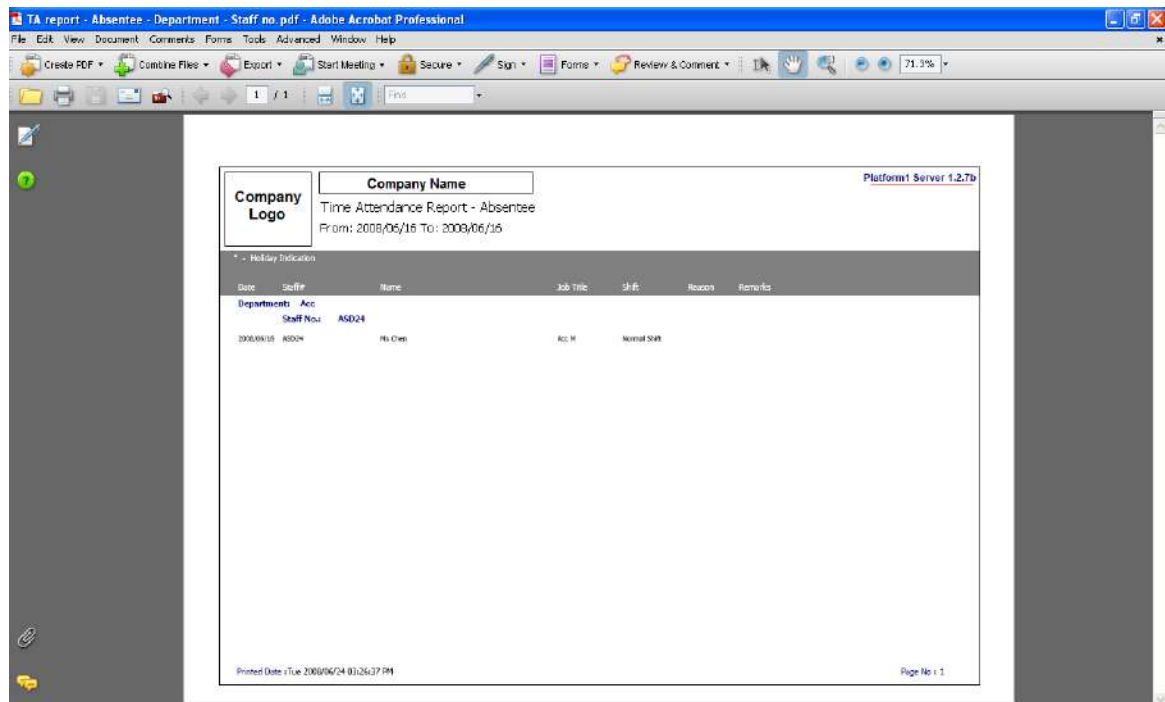
From: 2008/06/16 To: 2008/06/16

Holiday Indication

Date	Staff#	Name	Job Title	Department	Shift	Reason	Remarks
2008/06/16	AS004	Mr Chen	Acc PM	Acc	Normal Shift		

Page 1 of 1 Time Attendance Report

QRP format



PDF format

17.11 TA Report - Incomplete

Company Logo

Company Name

Platform1 Server 1.2.7b

Time Attendance Report - Incomplete

From: 2008/05/16 To: 2008/06/16

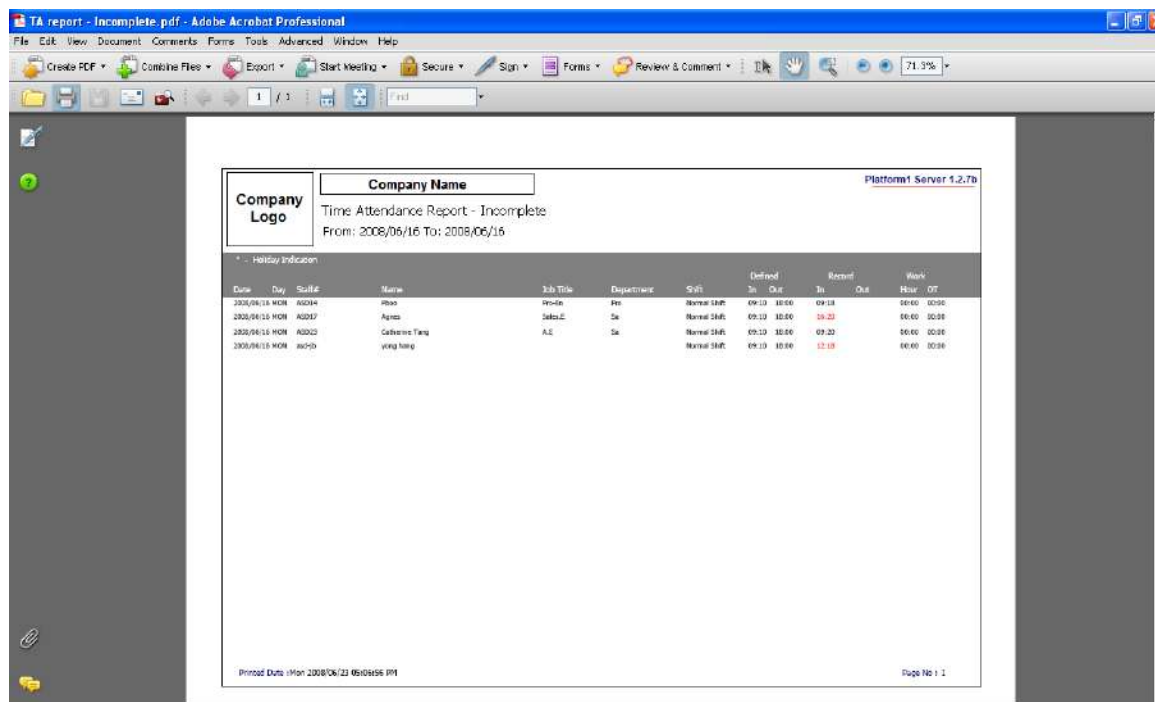
* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/06/16	MON	ASD14	Piao	Proj-En	En	Normal Shift	09:00	18:00	09:00		09:00	09:00
2008/06/16	MON	ASD17	Ayres	Sales E	Sa	Normal Shift	09:00	18:00	09:00		09:00	09:00
2008/06/16	MON	ASD23	Catherine Tang	A/E	Sa	Normal Shift	09:00	18:00	09:00		09:00	09:00
2008/06/16	MON	ASD24	Yang Hong			Normal Shift	09:00	18:00	09:00		09:00	09:00

400% Page 1 of 1

Time Attendance Report

QRP format



PDF format

17.12 TA Report - Overtime

Report Preview : Time Attendance Report

Company Logo

Company Name

Time Attendance Report - Overtime

From: 2008/05/16 To: 2008/05/16

Platform Server 1.2.7b

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/05/16	MON	ASD18	Cheng	AM	PaD	Normal Shift	09:00	18:00	09:08	20:29	09:41	02:14
2008/05/16	MON	ASD19	Tan	T.E	SAS	Normal Shift	09:00	18:00	09:26	18:41	08:15	00:26
2008/05/16	MON	ASD3	Mr Heng	Proj-M	Pa	Normal Shift	09:00	18:00	09:54	18:27	07:33	00:12
2008/05/16	MON	ASD4	Vivienne Neo	A.E	Ad	Normal Shift	09:00	18:00	09:36	18:46	08:39	00:34
2008/05/16	MON	ASD4	Damen	S.E	SAS	Normal Shift	09:00	18:00	09:21	19:21	09:00	01:06
2008/05/16	MON	ASD7	Hwe	S.E	SAS	Normal Shift	09:00	18:00	09:04	19:21	08:47	01:06
2008/05/16	MON	ASD8	Sok Man	S.E	Sa	Normal Shift	09:00	18:00	09:08	19:08	08:53	00:53

700% Page 1 of 1 Time Attendance Report

QRP format

TA report - Overtime.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Modeling Secure Sign Forms Review & Comment 71.3%

Company Logo

Company Name

Time Attendance Report - Overtime

From: 2008/05/16 To: 2008/05/16

Platform Server 1.2.7b

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Defined Out	Record In	Record Out	Work Hour	OT
2008/05/16	MON	ASD18	Cheng	AM	PaD	Normal Shift	09:00	18:00	09:08	20:29	09:41	02:14
2008/05/16	MON	ASD19	Tan	T.E	SAS	Normal Shift	09:00	18:00	09:26	18:41	08:15	00:26
2008/05/16	MON	ASD3	Mr Heng	Proj-M	Pa	Normal Shift	09:00	18:00	09:54	18:27	07:33	00:12
2008/05/16	MON	ASD4	Vivienne Neo	A.E	Ad	Normal Shift	09:00	18:00	09:36	18:46	08:39	00:34
2008/05/16	MON	ASD4	Damen	S.E	SAS	Normal Shift	09:00	18:00	09:21	19:21	09:00	01:06
2008/05/16	MON	ASD7	Hwe	S.E	SAS	Normal Shift	09:00	18:00	09:04	19:21	08:47	01:06
2008/05/16	MON	ASD8	Sok Man	S.E	Sa	Normal Shift	09:00	18:00	09:08	19:08	08:53	00:53

Printed Date : Mon 2008/05/19 05:16:59 PM Page No : 1

PDF format

17.13 TA Report - Reason

Report Preview : Time Attendance Report

Company Logo

Company Name

Platform1 Server 1.2.7b

Time Attendance Report - Reason

From: 2008/06/16 To: 2008/06/16

* - Holiday Indication

Date	Day	Staff#	Name	Department	Job Title	Shift	In	Out	Reason	Remarks
2008/06/16	MON	ASDS	Dennis	ENO	AM	Normal Shift			Annual	personal issue

Page 1 of 1

Time Attendance Report

QRP format

TA report - Reason.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment

1 / 1

Printed Date: Mon 2008/06/23 09:18:41 PM

Page 1 of 1

PDF format

17.14 TA Report - Not Working

Report Preview : Time Attendance Report

Company Logo

Company Name

Platform1 Server 1.2.7b

Time Attendance Report - Not Working

From: 2008/05/16 To: 2008/05/25

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Out	Record In	Out	Work Hour	OT
2008/05/16	MON	T1	Test 1				08:00	06:40			00:00	00:00
2008/05/16	MON	T2	Test 2				08:00	06:40			00:00	00:00

200% Page 1 of 1 Time Attendance Report

QRP format

TA report - Not Working.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment 71.0%

Company Logo

Company Name

Platform1 Server 1.2.7b

Time Attendance Report - Not Working

From: 2008/05/16 To: 2008/05/25

* - Holiday Indication

Date	Day	Staff#	Name	Job Title	Department	Shift	Defined In	Out	Record In	Out	Work Hour	OT
2008/05/16	MON	T1	Test 1				08:00	06:40			00:00	00:00
2008/05/16	MON	T2	Test 2				08:00	06:40			00:00	00:00

Printed Date : Mon 2008/05/23 05:15:55 PM Page No : 1

PDF format

17.15 TA Report - Time Card

Report Preview : Time Attendance Report

CloseExport to PDF

Company Logo

Company Name

Time Attendance Report - Time Card

From: 2008/06/16 To: 2008/06/16

Platform1 Server 1.2.7b

Staff's staff: ASD1

Normal Shift

Name ASD1

Ryan Job Title S.Director

Departments Sa

		Record		Break		Total (Hours)												Over-Time				OT		Mk		EUF				
Date	To	Cut	In	To	In	EI	EO	LI	LO	BI	BO	BL	BLO	AB	NH	LV	EI	LT	EO	LO	RET	BL	BFO	BLO	Ove-1.5	Ove-2.0	Ove-3.0	Hour	Hour	Hour
16 MON	#9:21	#3:42	#3:23	#3:42		X	X	X		X							00:00	00:11	04:18	00:00	00:18	00:00	00:00	00:23	00:00	00:00	00:00	00:00	03:21	34:23
Summary		1 day(s)				0	1	1	0	1	0	0	1	0	0	0	00:00	00:11	04:18	00:00	00:18	00:00	00:00	00:23	00:00	00:00	00:00	00:00	03:21	34:23

(EI=Early In, EO=Early Out, LI=Late In, LO=Late Out, BI=Break Early In, BO=Break Early Out, BL=Break Late In, BLO=Break Late Out, NH=Day Weekend, LV=Late Out, MCM=Mechanical, EC=InComplete, AB=Absent, NH=Off Day, OT=OverTime)

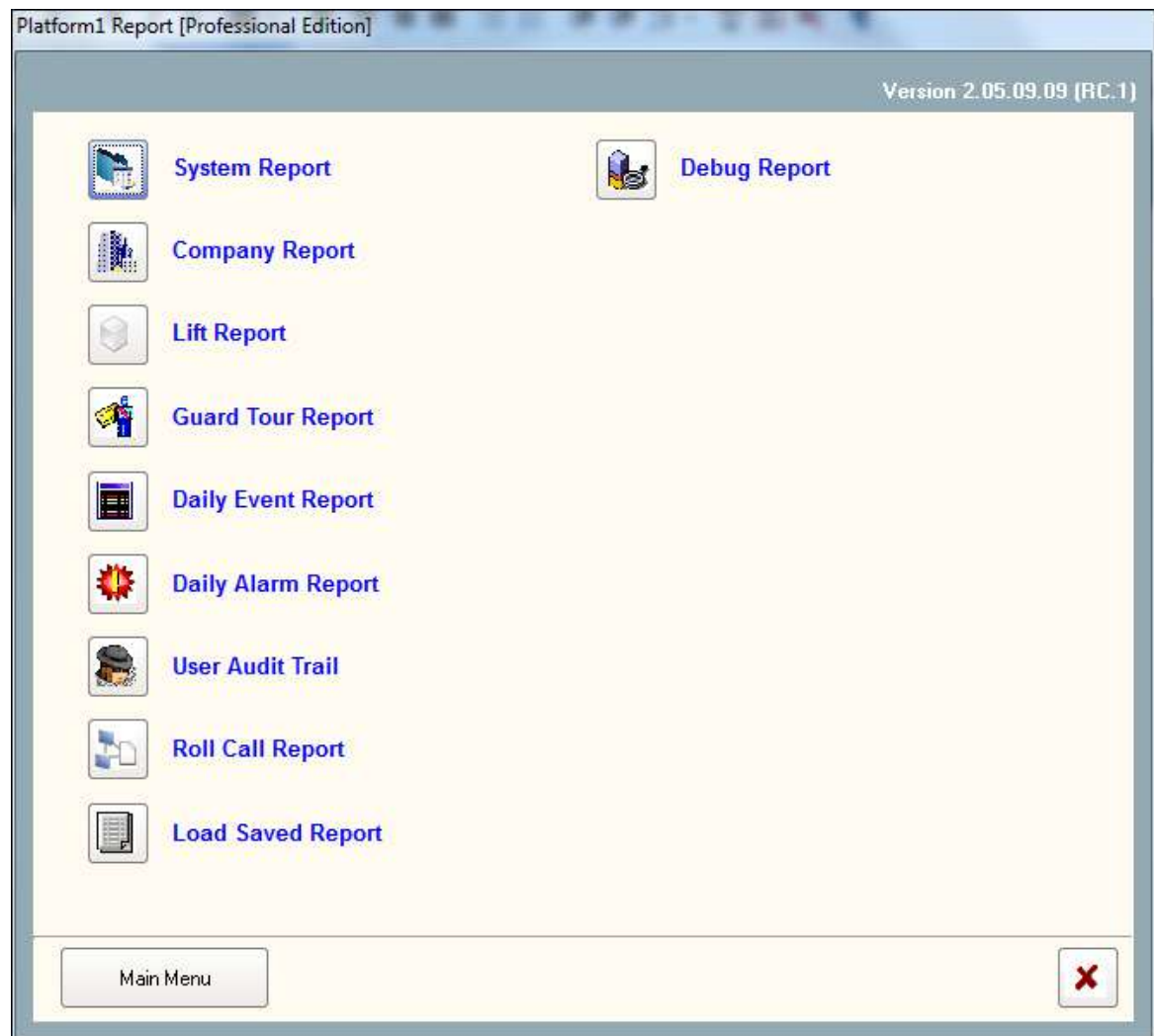
2700% Page 1 of 27Time Attendance Report

QRP format

Part



18 Appendix B - Report



Appendix B shows the Reports in QRP and PDF Format

- System Report
- Company Report
- Guard Tour Report
- Daily Event Report
- Daily Alarm Report
- User Audit Trail Report
- Roll Call Report
- Debug Report

18.1 System Report - Preference

Report Preview

Company Name: []
 Company Logo: []
Platform1 Report 1.1.5
Preferences Report

System
 Facility Code 1 : 0000 Facility Code 2 : 0000 Facility Code 3 : 0000
 Activate Global Antipassback : No Min HDD Warning Level (MB) : 1000 Min HDD Free Level (MB) : 500
 If Min HDD Free Level is reached, please : Stop polling

Alarm
 Alarm Wave File : [] Play instruction wave file automatically (if any) : No

User Defined Field
 UDF 1 : marital status UDF 5 : telephone no. UDF 9 : []
 UDF 2 : car plat no. UDF 6 : handphone no. UDF 10 : []
 UDF 3 : age UDF 7 : email address: []
 UDF 4 : address UDF 8 : []

Email Notification
 SMTP Server : [] User Account : [] Authentication required : No

0% Page 1 of 1

QRP format

System report - preferences .pdf - Adobe Acrobat Professional

Company Name: []
 Company Logo: []
Platform1 Report 1.1.5
Preferences Report

System
 Facility Code 1 : 0000 Facility Code 2 : 0000 Facility Code 3 : 0000
 Activate Global Antipassback : No Min HDD Warning Level (MB) : 1000 Min HDD Free Level (MB) : 500
 If Min HDD Free Level is reached, please : Stop polling

Alarm
 Alarm Wave File : [] Play instruction wave file automatically (if any) : No

User Defined Field
 UDF 1 : marital status UDF 5 : telephone no. UDF 9 : []
 UDF 2 : car plat no. UDF 6 : handphone no. UDF 10 : []
 UDF 3 : age UDF 7 : email address: []
 UDF 4 : address UDF 8 : []

PDF format

18.2 System Report - Connection

Report Preview : Platform1 Report Preview

Company Name
Connection Report

Platform1 Report 1.1.5

Name	Description	Type	Comm Port	IP Addr/Host name	Port No	Router
NIU Moxa	Moxa 5150 NIU	Network		192.168.1.33	2020	
c4	Comport port 4	Serial	4			

200% Page 1 of 1 Platform1 Report Preview

QRP format

System report - connection.pdf - Adobe Acrobat Professional

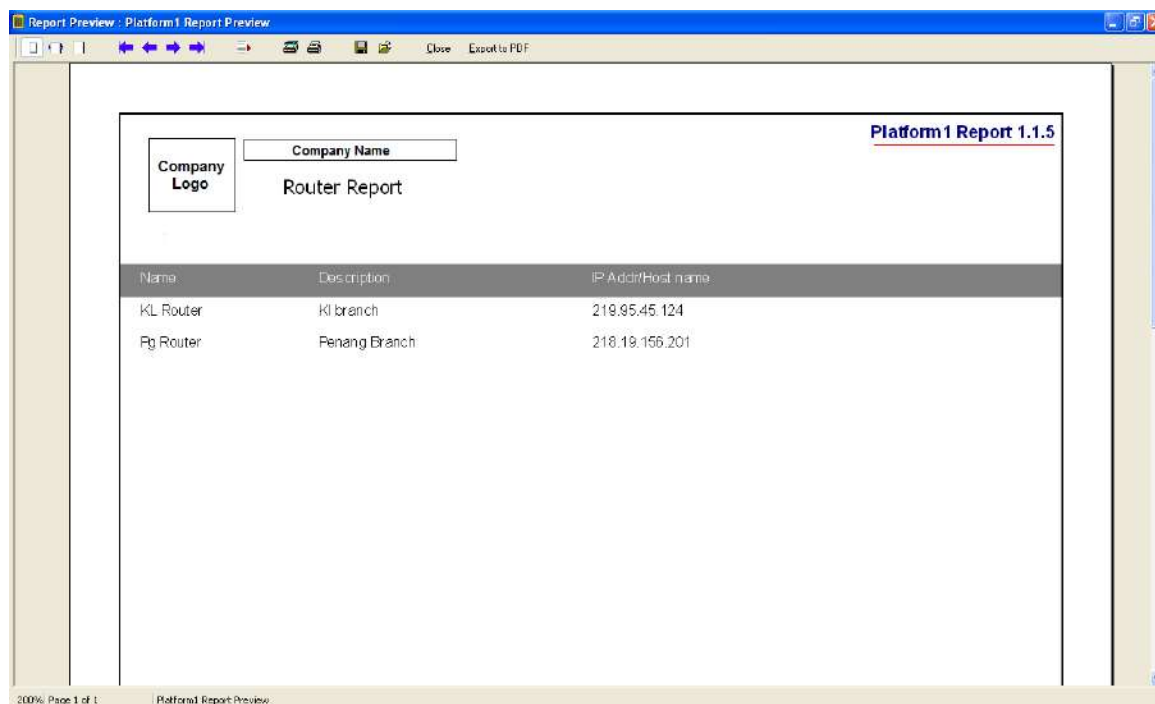
Company Name
Connection Report

Platform1 Report 1.1.5

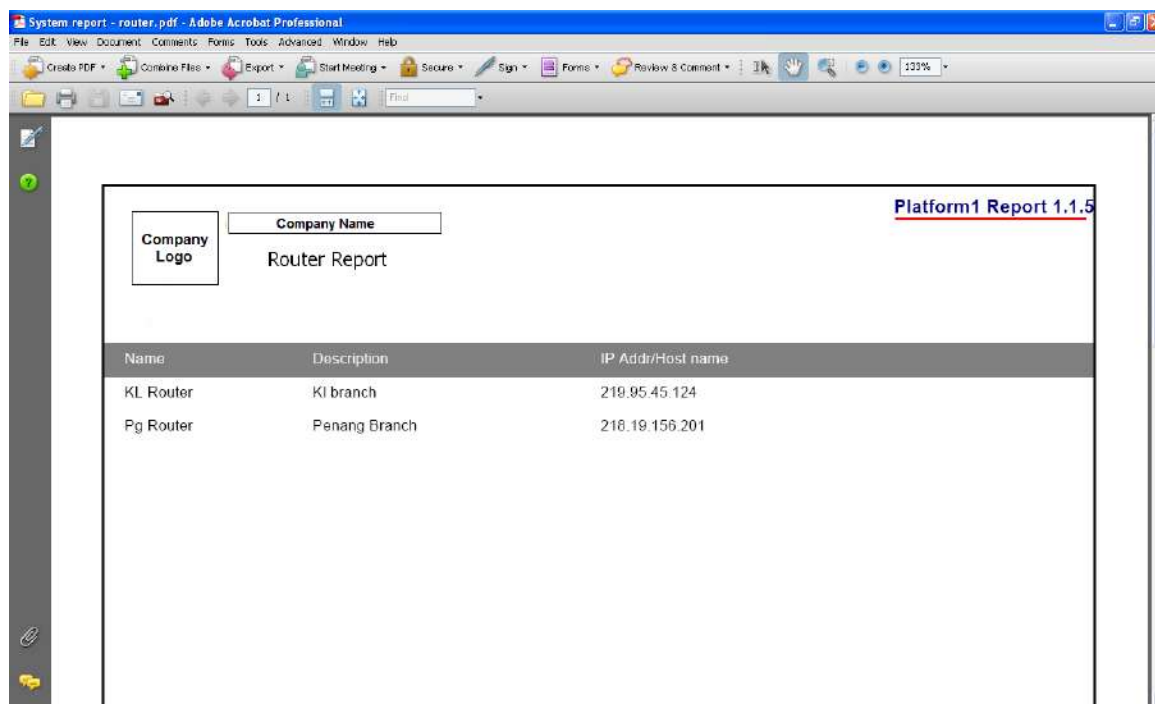
Name	Description	Type	Comm Port	IP Addr/Host name	Port No	Router
NIU Moxa	Moxa 5150 NIU	Network		192.168.1.33	2020	
c4	Comport port 4	Serial	4			

PDF format

18.3 System Report - Router



QRP format



PDF format

18.4 System Report - Timeset

Report Preview : Platform1 Report Preview

Company Logo Company Name

Time Set Report

Platform1 Report 1.1.5

No.	Desc	Interval 1		Interval 2		Interval 3	
		From	To	From	To	From	To
0	Not Active	0000	0000	0000	0000	0000	0000
1	24 Hours Active	0000	2359	0000	0000	0000	0000
2	Half Day	0900	1300	0000	0000	0000	0000
3	Working Time	0730	1300	1400	2200	0000	0000

400% Page 1 of 1 Platform Report Preview

QRP format

System report - time set.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment 133%

Company Logo Company Name

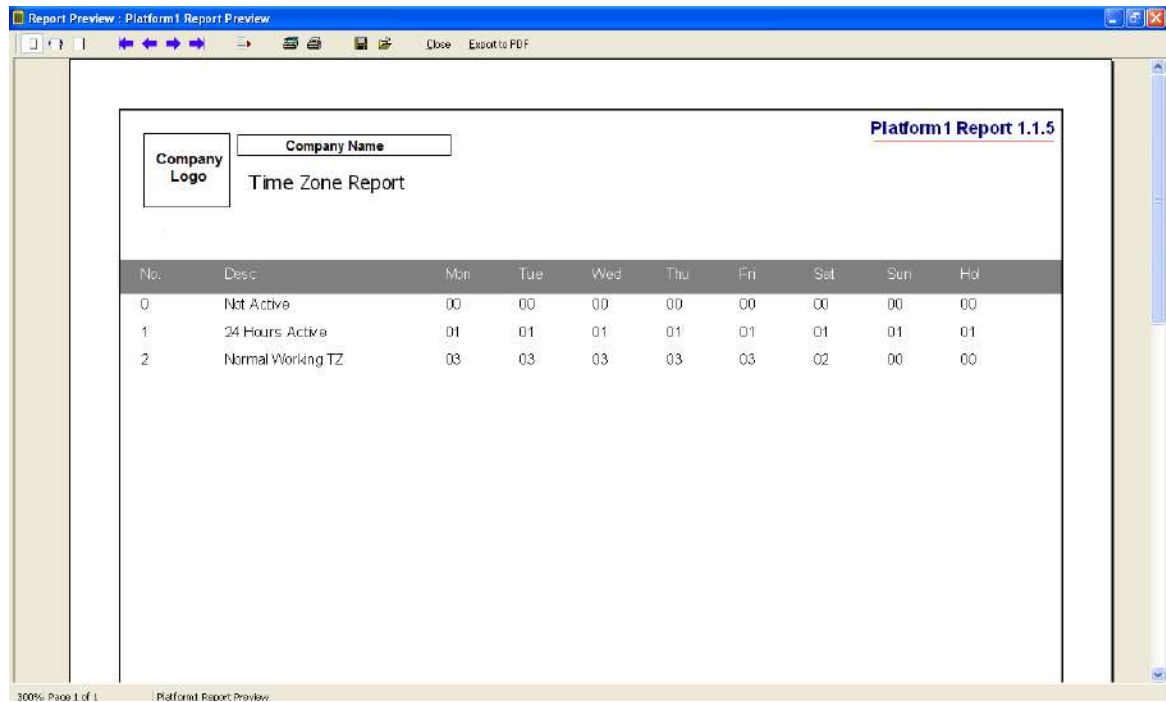
Time Set Report

Platform1 Report 1.1.5

No.	Desc	Interval 1		Interval 2		Interval 3	
		From	To	From	To	From	To
0	Not Active	0000	0000	0000	0000	0000	0000
1	24 Hours Active	0000	2359	0000	0000	0000	0000
2	Half Day	0900	1300	0000	0000	0000	0000
3	Working Time	0730	1300	1400	2200	0000	0000

PDF format

18.5 System Report - Timezone

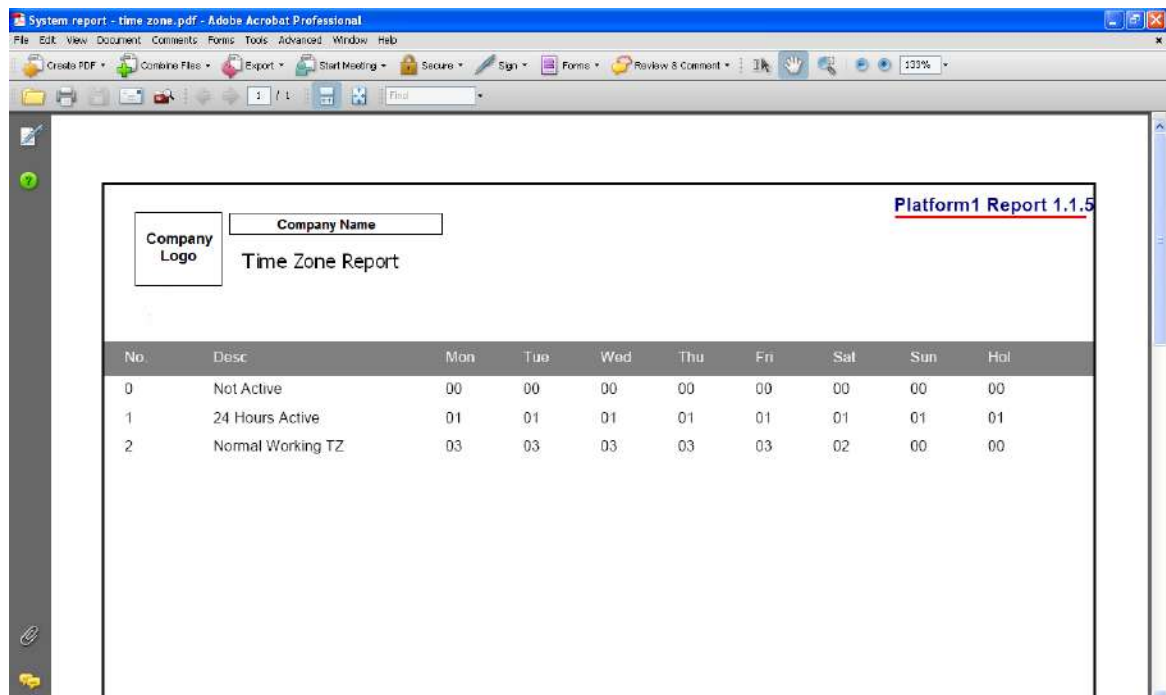


The screenshot shows a web browser window titled "Report Preview : Platform1 Report Preview". The report content includes a header section with a "Company Logo" placeholder, a "Company Name" input field, and the title "Time Zone Report". The report version "Platform1 Report 1.1.5" is displayed in the top right. Below the header is a table with the following data:

No.	Desc	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hol
0	Not Active	00	00	00	00	00	00	00	00
1	24 Hours Active	01	01	01	01	01	01	01	01
2	Normal Working TZ	03	03	03	03	03	02	00	00

The status bar at the bottom indicates "300% Page 1 of 1" and "Platform1 Report Preview".

QRP format



The screenshot shows the same report content as the previous image, but it is a PDF file titled "System report - time zone.pdf" opened in Adobe Acrobat Professional. The layout and data are identical to the QRP format report shown above.

*PDF format***18.6 System Report - Controller**

Report Preview : Platform1 Report Preview

Company Logo Company Name Controller Report Platform1 Report 1.1.5

Name : 2nd

Description : Type : Single Door Port No. : Suspend Polling : No Global Antipassback Group : Arm Delay (sec) : 15 Arming TZ : 0 Router : Master : Relay 1 : Door Relay 3 : Undefined	Model : MINI Address : 255.255.255.4 Connection : c4 Security Mode : Low Alarm/Siren Duration (min) : 15 Disarm Delay (sec) : 15 General Purpose Output TZ : 0 Unit No : Antipassback Reset Time : Relay 2 : Undefined Admin/Local Pin Reset Time :

Door 1 : 2nd

Description : Lock release time (sec) : 15 Entry Zone ID : 1 Card + PIN Time Zone : 0 Lock Release Time Zone : 0	Reader Type : Standard Wiegand Open time (sec) : 30 Exit Zone ID : 2 Card + PIN Lockout Count : 0 Exit Button Enabled Time Zone : 1

100% Page 1 of 3 Platform1 Report Preview

QRP format

System report - controller.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

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Company Logo Company Name Controller Report Platform1 Report 1.1.5

Name : 2nd

Description : Type : Single Door Port No. : Suspend Polling : No Global Antipassback Group : Arm Delay (sec) : 15 Arming TZ : 0 Router : Master : Relay 1 : Door Relay 3 : Undefined	Model : MINI Address : 255.255.255.4 Connection : c4 Security Mode : Low Alarm/Siren Duration (min) : 15 Disarm Delay (sec) : 15 General Purpose Output TZ : 0 Unit No : Antipassback Reset Time : Relay 2 : Undefined Admin/Local Pin Reset Time :

Door 1 : 2nd

Description :	Reader Type : Standard Wiegand

PDF format

18.7 System Report - Door

Report Preview : Platform1 Report Preview

Company Name: [] Door Report

Company Logo: []

Platform1 Report 1.1.5

Door Name: 2nd	Controller: 2nd
Description : Lock release time (sec) : 15 Entry Zone ID : 1 Card + PIN Time Zone : 0 Lock Release Time Zone : 0 Antipassback Time Zone : 0 Buddy Mode Time Zone : 0 PIN 1 Time Zone : 0 PIN 3 Time Zone : 0 Time Attendance Reader : Yes Check Card Expiry Date : No Roll Call Group :	Reader Type : Standard Wiegand Open time (sec) : 30 Exit Zone ID : 2 Card + PIN Lockout Count : 0 Exit Button Enabled Time Zone : 1 Antipassback Lockout Count : 0 Access Limit : 0 PIN 2 Time Zone : 0 PIN Lockout Count : 0 Roll Call Reader : No Fire Release : No
Door Name: Main	Controller: Main
Description : Lock release time (sec) : 15 Entry Zone ID : 1 Card + PIN Time Zone : 0	Reader Type : Standard Wiegand Open time (sec) : 30 Exit Zone ID : 2 Card + PIN Lockout Count : 0

300% Page 1 of 1 Platform1 Report Preview

QRP format

System report - door.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

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Platform1 Report 1.1.5

Door Report

Company Name: [Text Box]

Company Logo: [Image]

Door Name: 2nd Controller: 2nd

Description :	Reader Type : Standard Wiegand
Lock release time (sec) : 15	Open time (sec) : 30
Entry Zone ID : 1	Exit Zone ID : 2
Card + PIN Time Zone : 0	Card + PIN Lockout Count : 0
Lock Release Time Zone : 0	Exit Button Enabled Time Zone : 1
Antipassback Time Zone : 0	Antipassback Lockout Count : 0
Buddy Mode Time Zone : 0	Access Limit : 0
PIN 1 Time Zone : 0	PIN 2 Time Zone : 0
PIN 3 Time Zone : 0	PIN Lockout Count : 0
Time Attendance Reader : Yes	Roll Call Reader : No
Check Card Expiry Date : No	Fire Release : No
Roll Call Group :	

Door Name: Main Controller: Main

PDF format

18.8 System Report - Input Point

Report Preview: Platform1 Report Preview

Company Name: [Text Box]

Company Logo: [Image]

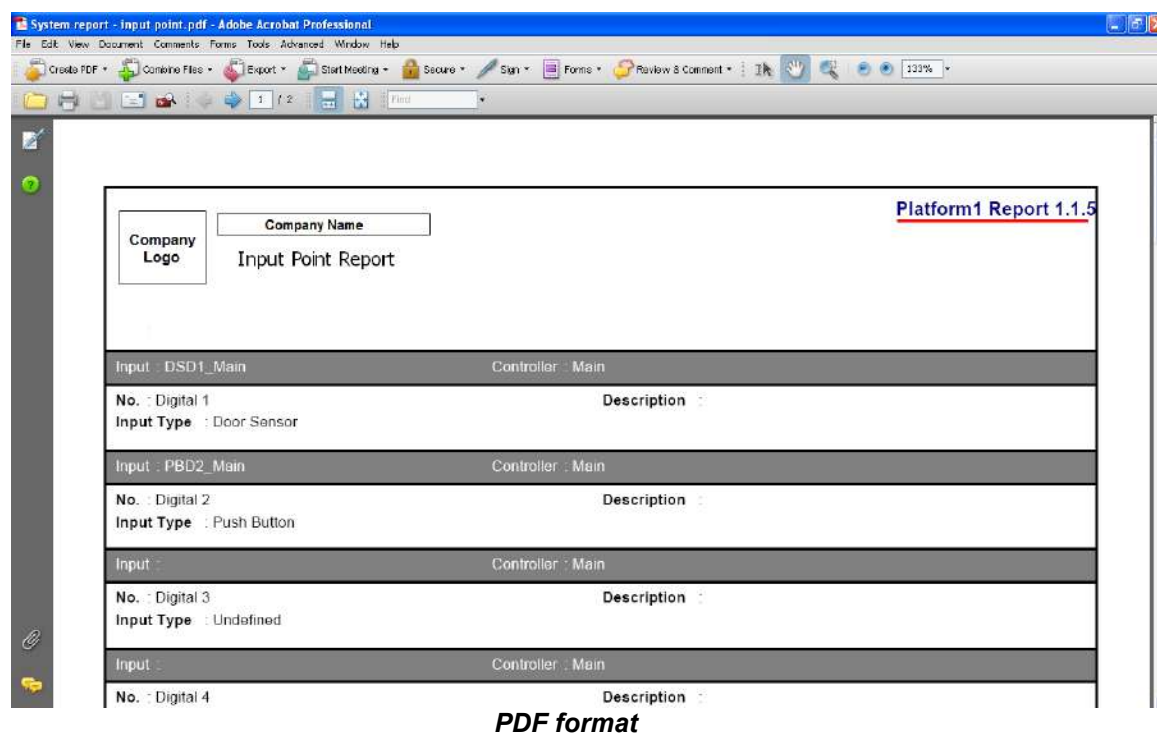
Platform1 Report 1.1.5

Input Point Report

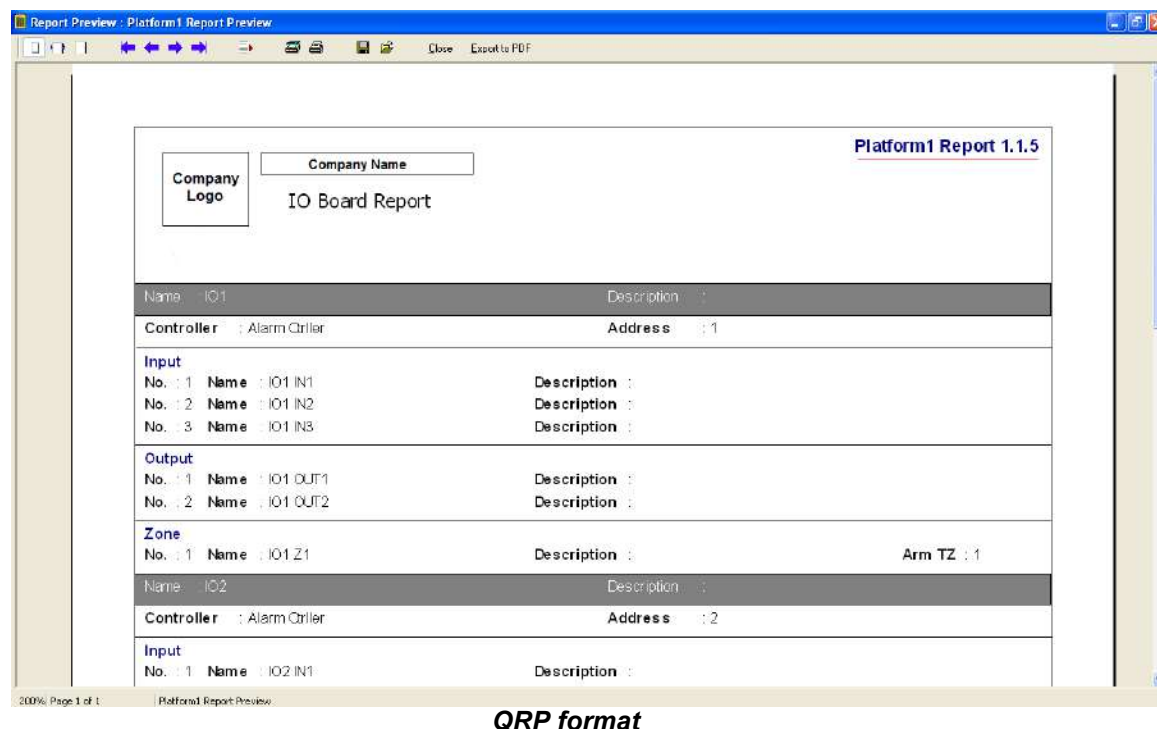
Input: DSD1_Main	Controller: Main
No. : Digital 1	Description :
Input Type : Door Sensor	
Input: FBD2_Main	Controller: Main
No. : Digital 2	Description :
Input Type : Push Button	
Input: [Empty]	Controller: Main
No. : Digital 3	Description :
Input Type : Undefined	
Input: [Empty]	Controller: Main
No. : Digital 4	Description :
Input Type : Undefined	
Input: [Empty]	Controller: Main

2400% Page 1 of 2 | Platform1 Report Preview

QRP format



18.9 System Report - I/O Board



Platform1 Report 1.1.5

Company Logo: [] Company Name: [] IO Board Report

Name	Description
IO1	
Controller	Alarm Ctrlr
Address	1
Input	
No. : 1 Name : IO1 IN1	Description :
No. : 2 Name : IO1 IN2	Description :
No. : 3 Name : IO1 IN3	Description :
Output	
No. : 1 Name : IO1 OUT1	Description :
No. : 2 Name : IO1 OUT2	Description :
Zone	
No. : 1 Name : IO1 Z1	Description :
	Arm TZ : 1
Name : IO2	Description :

PDF format

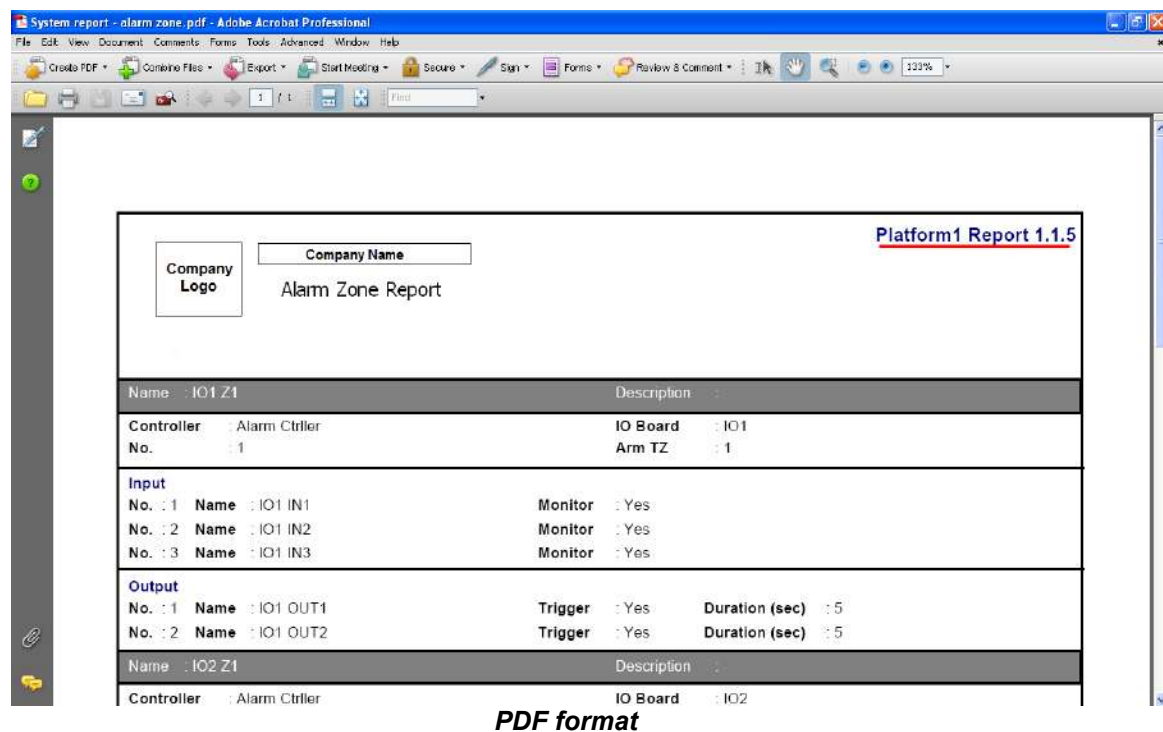
18.10 System Report - Alarm Zone

Platform1 Report 1.1.5

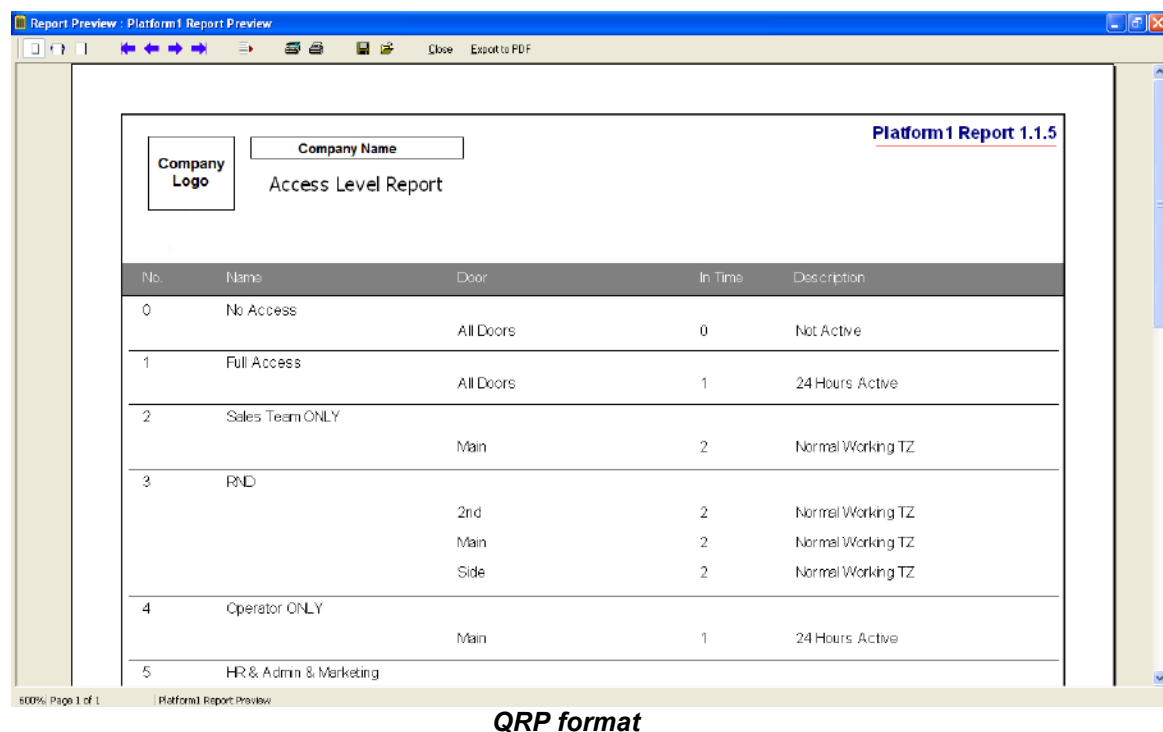
Company Logo: [] Company Name: [] Alarm Zone Report

Name	Description
IO1 Z1	
Controller	Alarm Ctrlr
No. : 1	
IO Board	IO1
Arm TZ	1
Input	
No. : 1 Name : IO1 IN1	Monitor : Yes
No. : 2 Name : IO1 IN2	Monitor : Yes
No. : 3 Name : IO1 IN3	Monitor : Yes
Output	
No. : 1 Name : IO1 OUT1	Trigger : Yes
No. : 2 Name : IO1 OUT2	Trigger : Yes
	Duration (sec) : 5
	Duration (sec) : 5
IO2 Z1	
Name	Description
Controller	Alarm Ctrlr
No. : 1	
IO Board	IO2
Arm TZ	1
Input	
No. : 1 Name : IO2 IN1	Monitor : Yes
No. : 2 Name : IO2 IN2	Monitor : Yes

QRP format



18.11 System Report - Access Level



System report - access level.pdf - Adobe Acrobat Professional

Platform1 Report 1.1.5

Company Logo Company Name Access Level Report

No.	Name	Door	In Time	Description
0	No Access	All Doors	0	Not Active
1	Full Access	All Doors	1	24 Hours Active
2	Sales Team ONLY	Main	2	Normal Working TZ
3	RND	2nd	2	Normal Working TZ
		Main	2	Normal Working TZ
		Side	2	Normal Working TZ

PDF format

18.12 System Report - Staff Accessibility

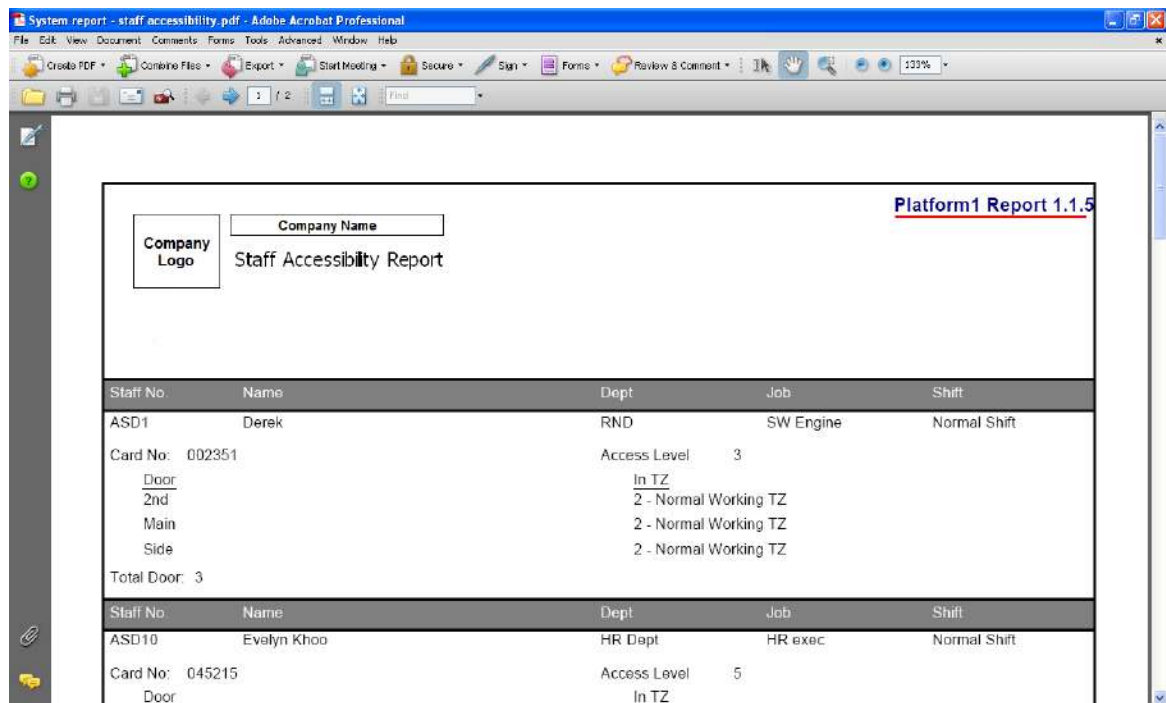
Report Preview: Platform1 Report Preview

Platform1 Report 1.1.5

Company Logo Company Name Staff Accessibility Report

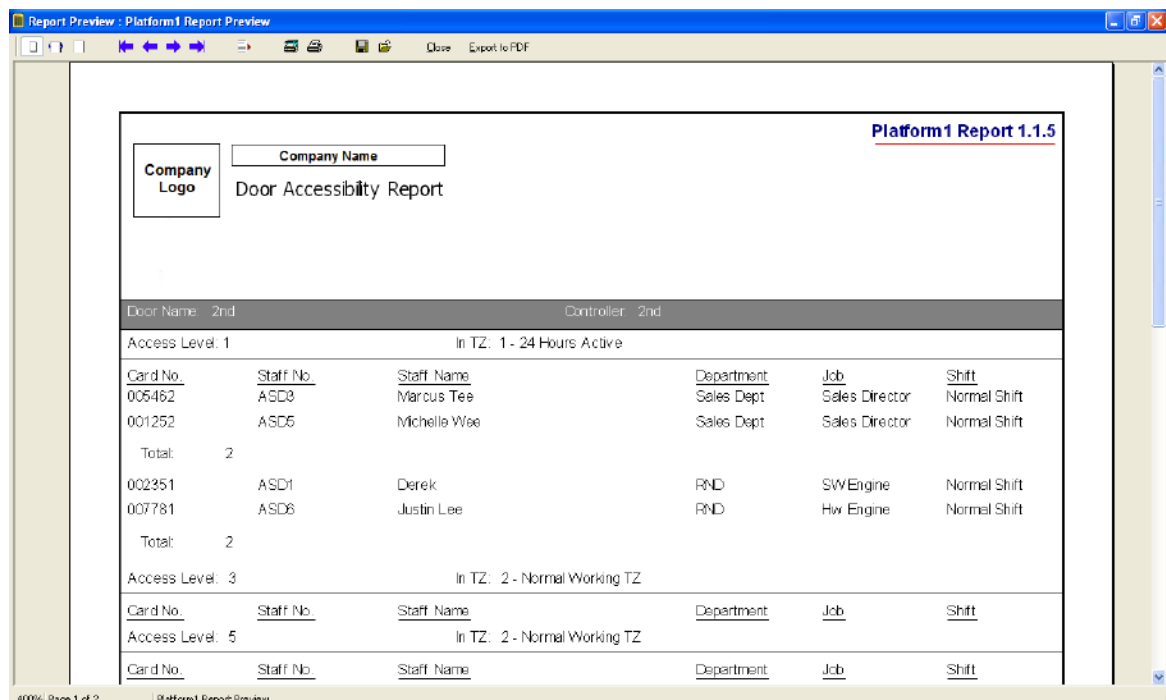
Staff No.	Name	Dept	Job	Shift
ASD1	Derek	RND	SW Engine	Normal Shift
Card No:	002351	Access Level	3	
Door		In TZ		
2nd		2 - Normal Working TZ		
Main		2 - Normal Working TZ		
Side		2 - Normal Working TZ		
Total Door:	3			
Staff No.	Name	Dept	Job	Shift
ASD10	Evelyn Khoo	HR Dept	HR exec	Normal Shift
Card No:	045215	Access Level	5	
Door		In TZ		
Main		2 - Normal Working TZ		
2nd		2 - Normal Working TZ		
Side		2 - Normal Working TZ		

QRP format



PDF format

18.13 System Report - Door Accessibility



QRP format

System report - door accessibility.pdf - Adobe Acrobat Professional

Platform1 Report 1.1.5

Company Logo Company Name Door Accessibility Report

Card No.	Staff No.	Staff Name	Department	Job	Shift
005482	ASD3	Marcus Tee	Sales Dept	Sales Director	Normal Shift
001252	ASD5	Michelle Wee	Sales Dept	Sales Director	Normal Shift
Total:	2				
002351	ASD1	Derek	RND	SW Engine	Normal Shift
007781	ASD8	Justin Lee	RND	Hw Engine	Normal Shift
Total:	2				

Access Level: 1 In TZ: 1 - 24 Hours Active

Access Level: 3 In TZ: 2 - Normal Working TZ

PDF format

18.14 System Report - Global Antipassback

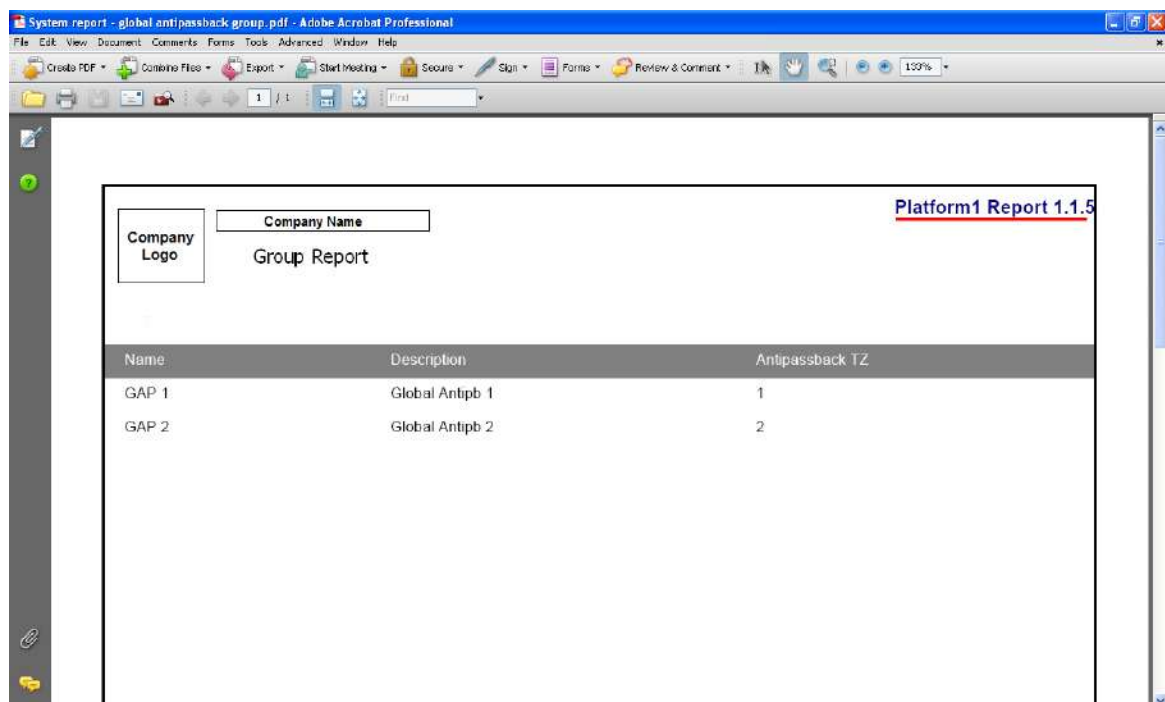
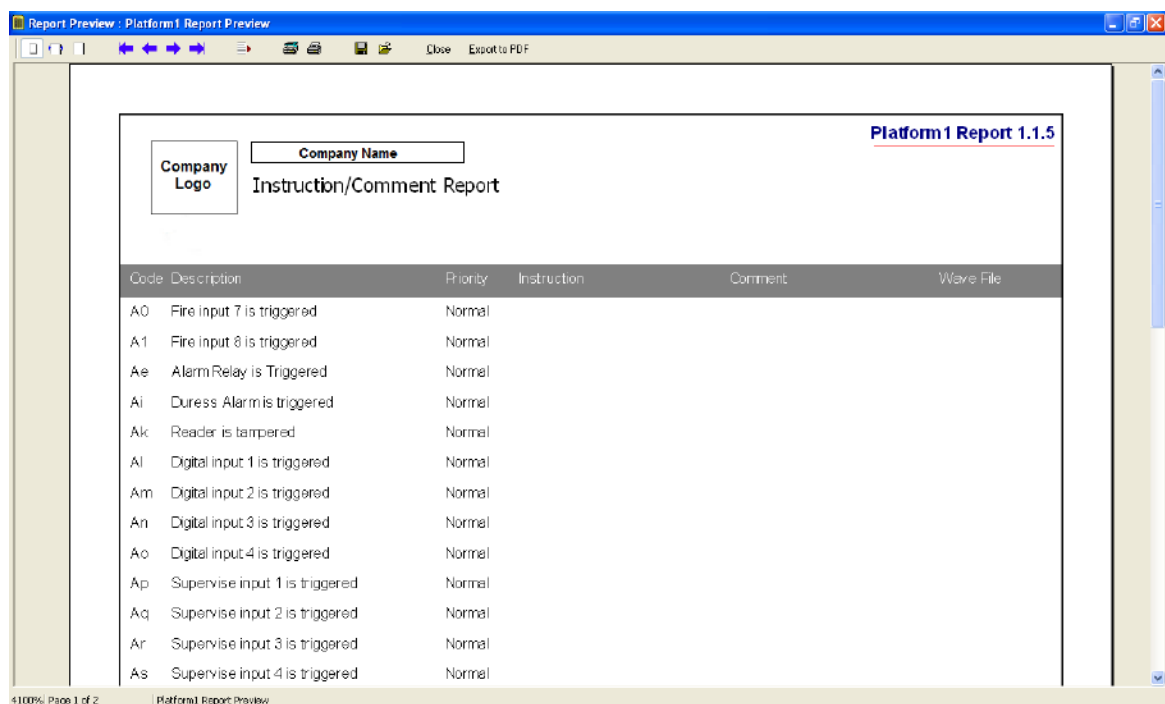
Report Preview - Platform1 Report Preview

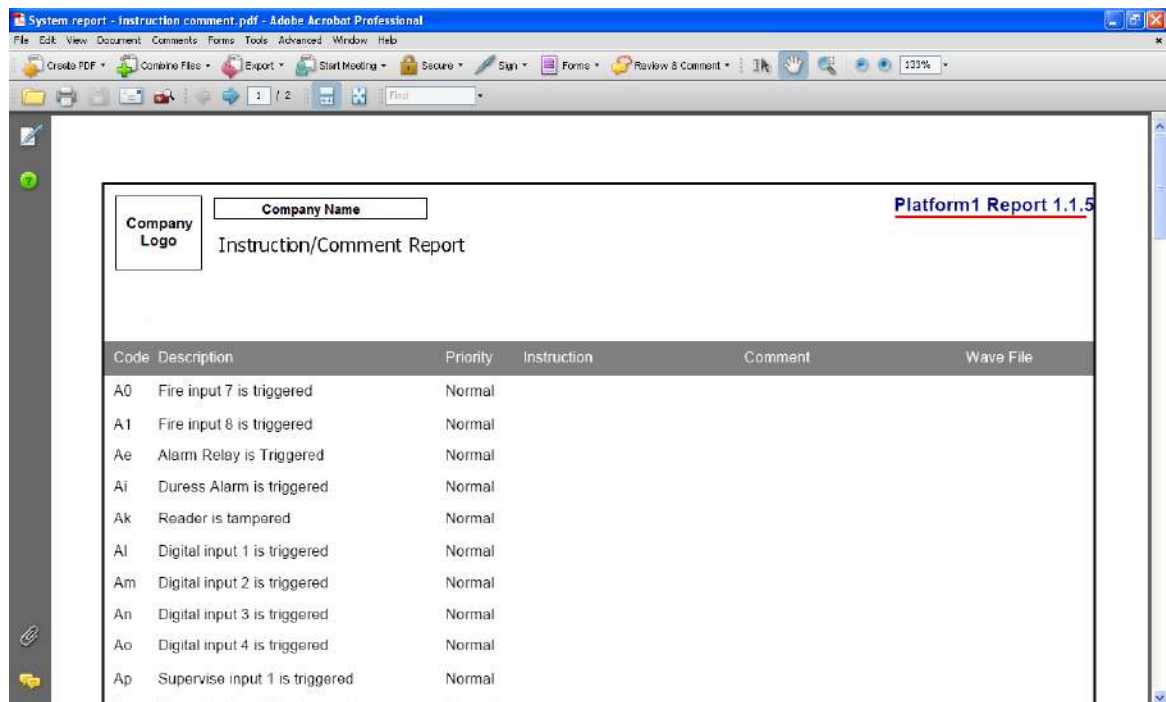
Platform1 Report 1.1.5

Company Logo Company Name Group Report

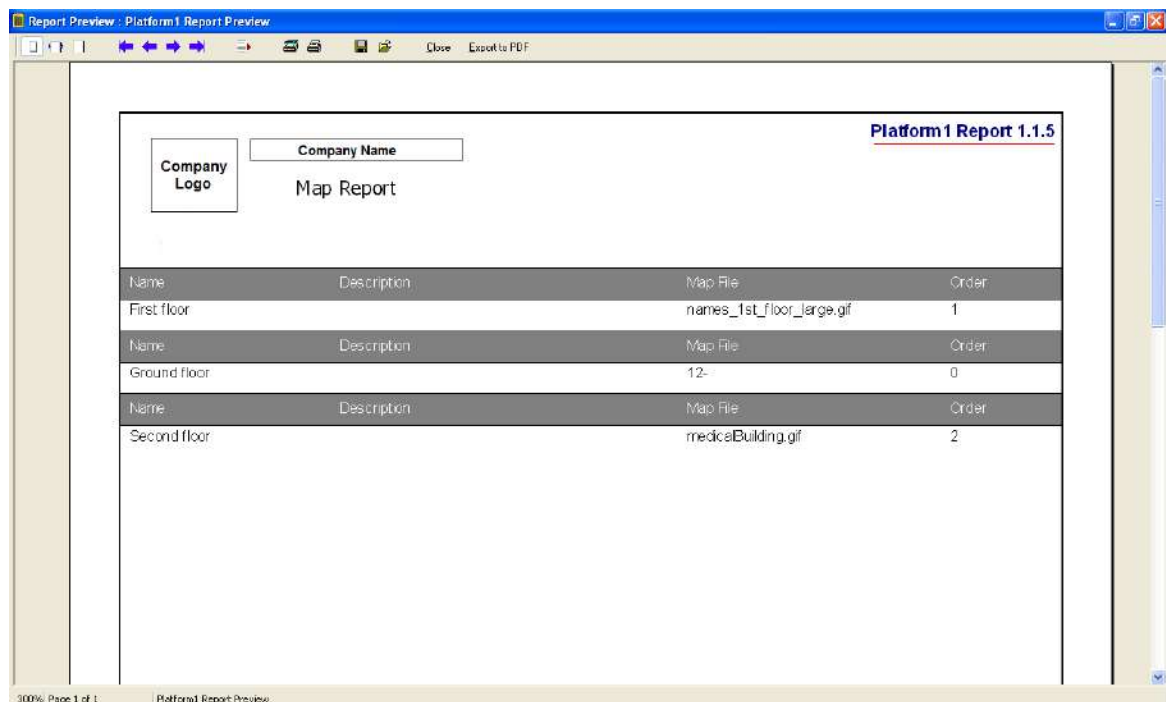
Name	Description	Antipassback TZ
GAP 1	Global Antipb 1	1
GAP 2	Global Antipb 2	2

200% Page 1 of 1 Platform Report Preview

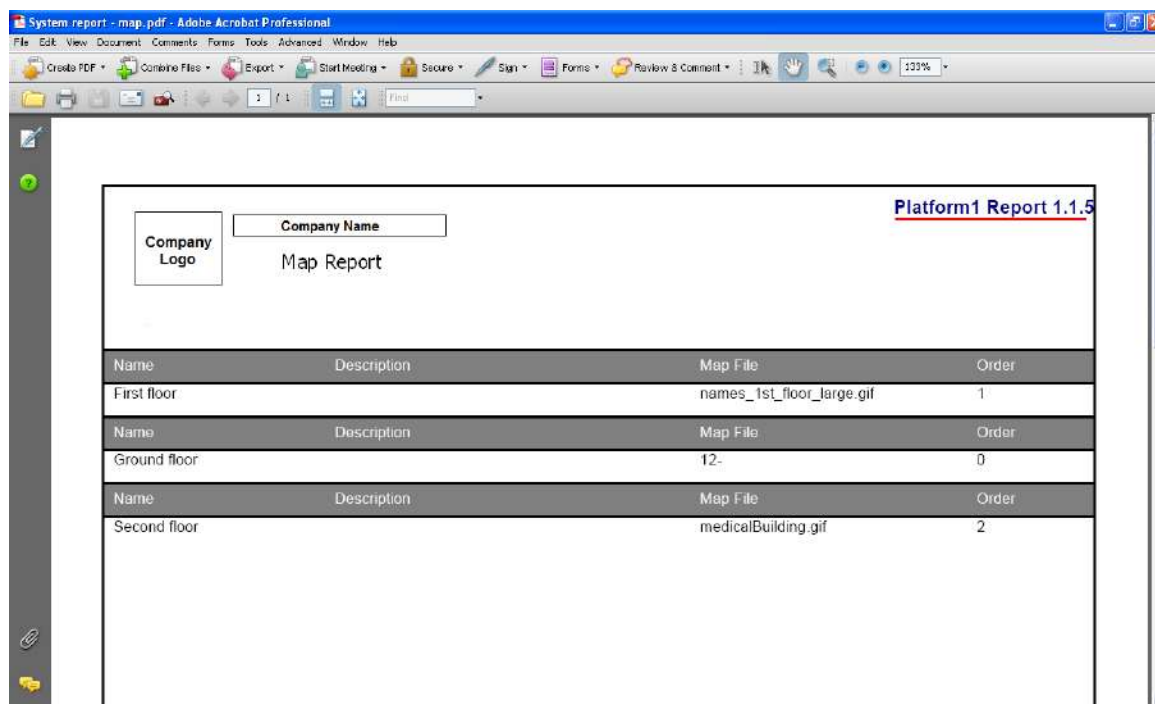
QRP format**PDF format****18.15 System Report - Instruction/Comment**

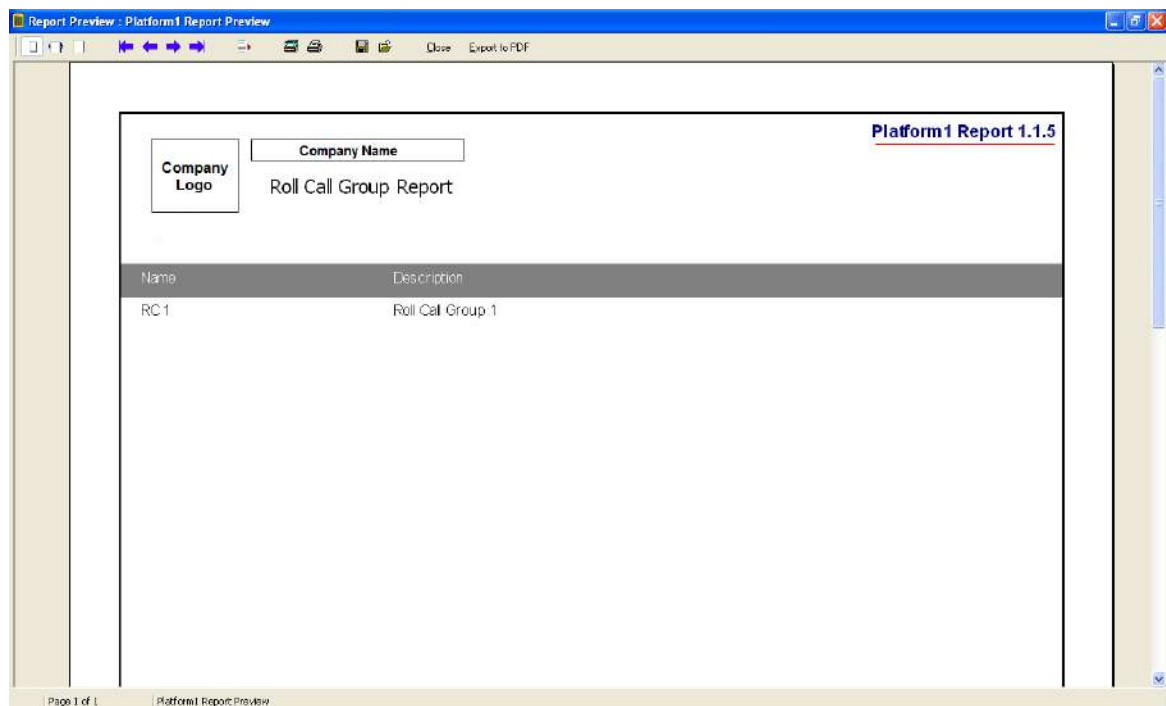
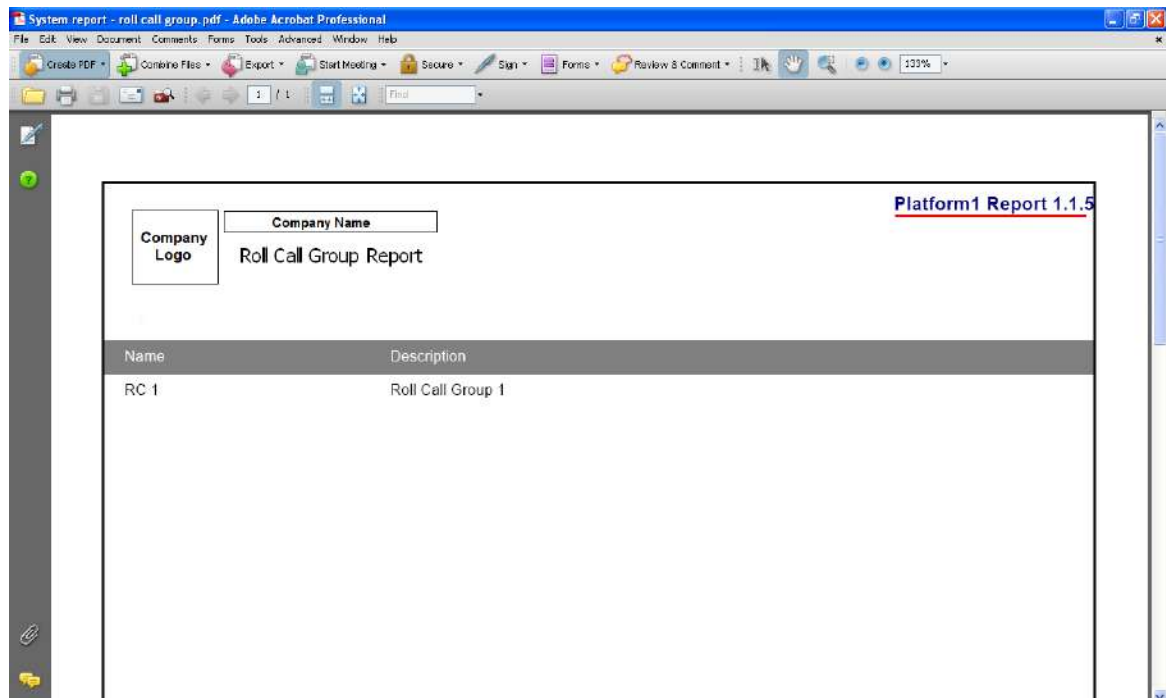
QRP format

Code	Description	Priority	Instruction	Comment	Wave File
A0	Fire input 7 is triggered	Normal			
A1	Fire input 8 is triggered	Normal			
Ae	Alarm Relay is Triggered	Normal			
Al	Duress Alarm is triggered	Normal			
Ak	Reader is tampered	Normal			
Al	Digital input 1 is triggered	Normal			
Am	Digital input 2 is triggered	Normal			
An	Digital input 3 is triggered	Normal			
Ao	Digital input 4 is triggered	Normal			
Ap	Supervise input 1 is triggered	Normal			

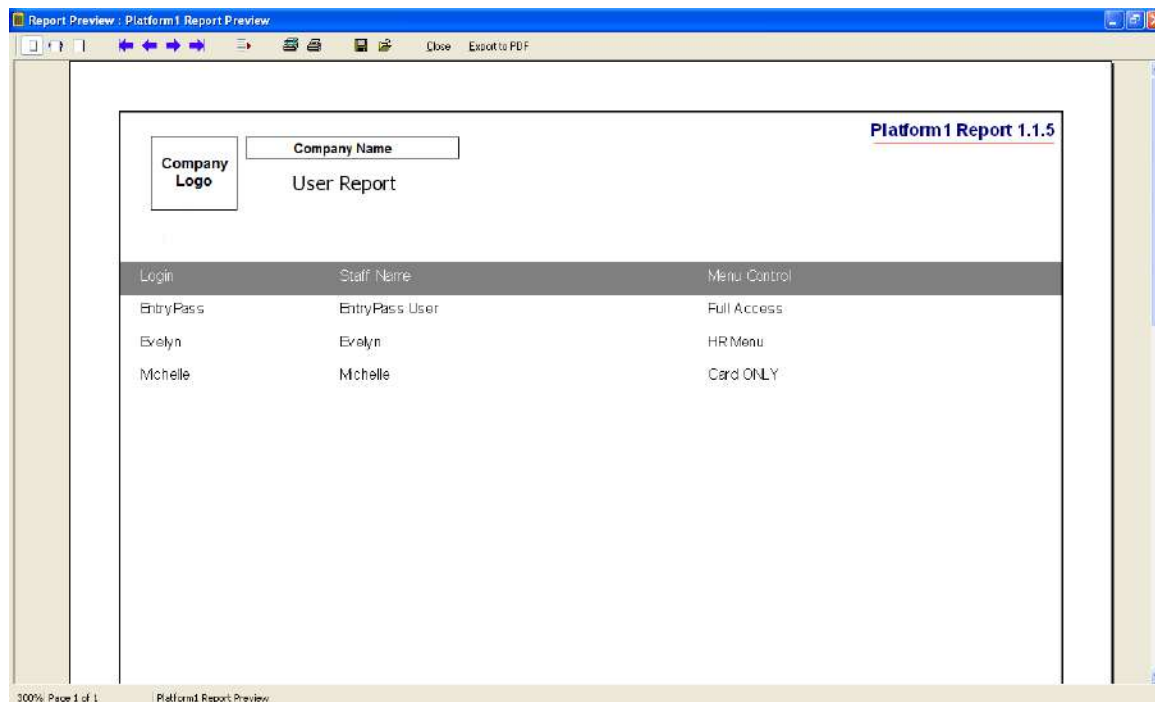
PDF format**18.16 System Report - Map**

Name	Description	Map File	Order
First floor		names_1st_floor_large.gif	1
Ground floor		12-	0
Second floor		medicaBuilding.gif	2

QRP format**PDF format****18.17 System Report - Roll Call Group**

**QRP format****PDF format**

18.18 Company Report - User

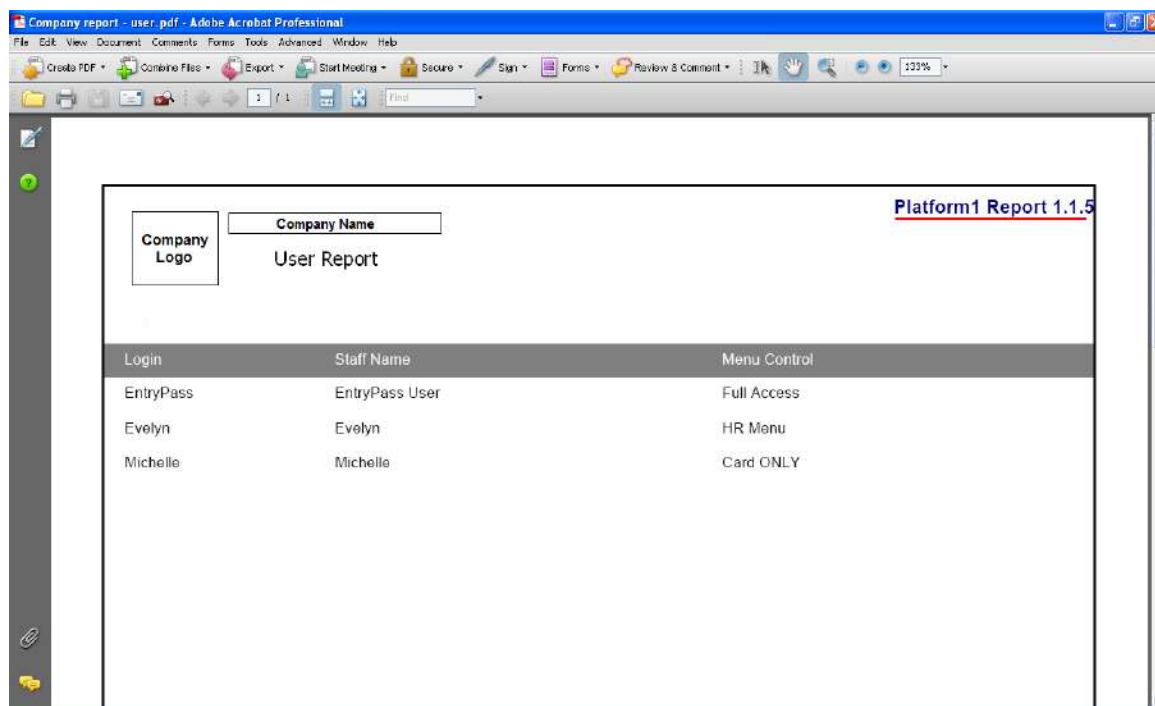


The screenshot shows a web browser window titled "Report Preview : Platform1 Report Preview". The report content is displayed within a frame. At the top right of the report area, it says "Platform1 Report 1.1.5". On the left, there is a "Company Logo" placeholder. To its right, there is a "Company Name" field and the title "User Report". Below this, there is a table with three columns: "Login", "Staff Name", and "Menu Control". The table contains three rows of data.

Login	Staff Name	Menu Control
EntryPass	EntryPass User	Full Access
Evelyn	Evelyn	HR Menu
Michelle	Michelle	Card ONLY

At the bottom of the browser window, it says "300% Page 1 of 1 Platform1 Report Preview".

QRP format



The screenshot shows the Adobe Acrobat Professional window displaying the "Company report - user.pdf" file. The report content is identical to the one shown in the QRP format screenshot. It includes the "Platform1 Report 1.1.5" header, the "Company Logo" placeholder, the "Company Name" field, the "User Report" title, and the table with user data.

Login	Staff Name	Menu Control
EntryPass	EntryPass User	Full Access
Evelyn	Evelyn	HR Menu
Michelle	Michelle	Card ONLY

PDF format

18.19 Company Report - Menu

Report Preview : Platform1 Report Preview

Company Logo Company Name Menu Report Platform1 Report 1.1.5

Name : Card ONLY Description : Add card only

System		
Preferences	: No Access	Location
Time Set	: No Access	Time Zone
Access Level	: No Access	Group
		Router
		Controller
		Comt/Inst
Company		
User	: No Access	Menu
Department	: No Access	Job
Shift	: No Access	
		Staff
		Holiday
Roster		
Time Setting	: No Access	Schedule
Time Attendance		
Setting	: No Access	Posting
Daily	: No Access	Report
		Reason
		TMS Export
Utility		
Batch Card	: No Access	Import Staff
Export Trans.	: No Access	Send/Retrieve
		Export Staff
		Backup

300% Page 1 of 2 Platform1 Report Preview

QRP format

Company report - menu.pdf - Adobe Acrobat Professional

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1 / 2 Find

Company Logo Company Name Menu Report Platform1 Report 1.1.5

Name : Card ONLY Description : Add card only

System		
Preferences	: No Access	Location
Time Set	: No Access	Time Zone
Access Level	: No Access	Group
		Router
		Controller
		Comt/Inst
Company		
User	: No Access	Menu
Department	: No Access	Job
Shift	: No Access	
		Staff
		Holiday
Roster		
Time Setting	: No Access	Schedule
Time Attendance		
Setting	: No Access	Posting
Daily	: No Access	Report
		Reason
		TMS Export

PDF format

18.20 Company Report - Staff

Report Preview : Platform1 Report Preview

Company Name
Staff Report

Platform1 Report 1.1.5

Staff No.	Name	Dept	Job	Shift
ASD1	Derek	RND	SW Engine	Normal Shift

General

IC No. :
 Date of birth : 23/07/2008
 Resign : No

Gender : Male
 Date of join : 23/07/2008
 Date of Resign :

UDF

marital status : married
 age : 30
 telephone no : 03-80681929
 email address : derek@gmail.com
 UDF 9 (Undefined) :

car plat no : WPP3351
 address : Puchong Perdana, Jln 5/10 Puchong
 handphone no : 012 3871377
 UDF 8 (Undefined) :
 UDF 10 (Undefined) :

Web TA

Login :
 Self Authorize : No
 Viewable TA records : Own

User Type : Normal

100% Page 1 of 6 Rational Report Preview

QRP format

Company report - staff.pdf - Adobe Acrobat Professional

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1 / 6 Find

Company Name
Staff Report

Platform1 Report 1.1.5

Staff No.	Name	Dept	Job	Shift
ASD1	Derek	RND	SW Engine	Normal Shift

General

IC No. :
 Date of birth : 23/07/2008
 Resign : No

Gender : Male
 Date of join : 23/07/2008
 Date of Resign :

UDF

marital status : married
 age : 30
 telephone no : 03-80681929
 email address : derek@gmail.com
 UDF 9 (Undefined) :

car plat no : WPP 3351
 address : Puchong Perdana, Jln 5/10 Puchong
 handphone no : 012 3871377
 UDF 8 (Undefined) :
 UDF 10 (Undefined) :

Web TA

PDF format**18.21 Company Report - Card**

Report Preview : Platform1 Report Preview

Company Name

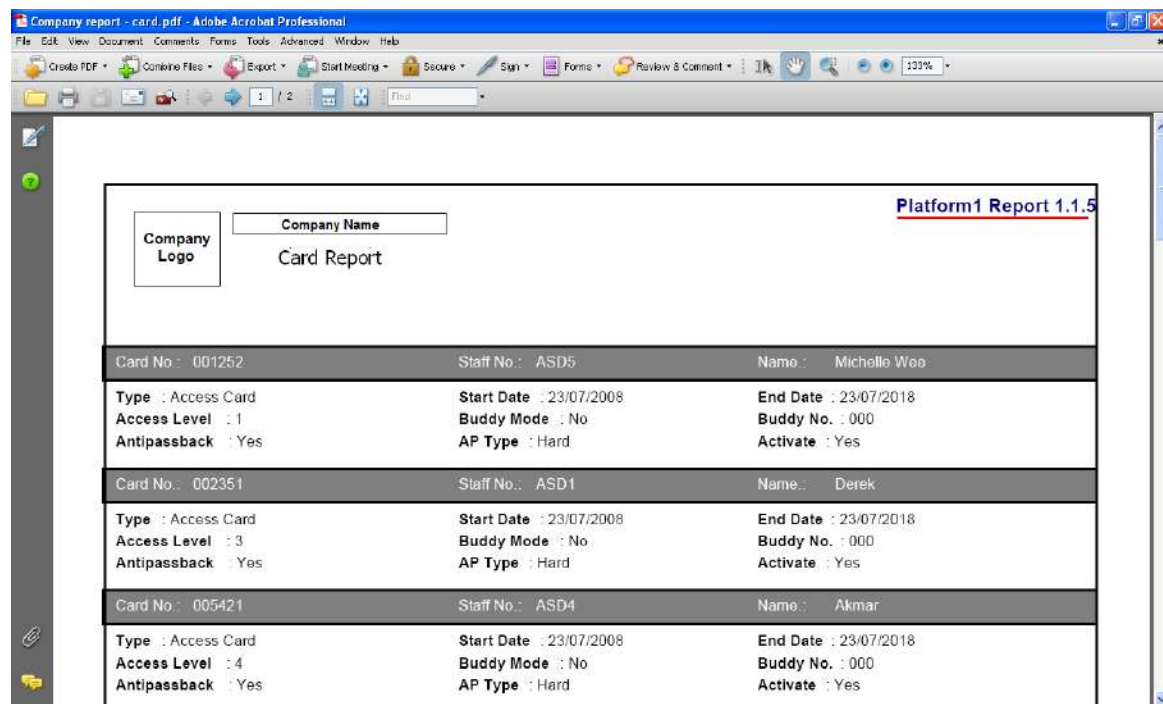
Card Report

Platform1 Report 1.1.5

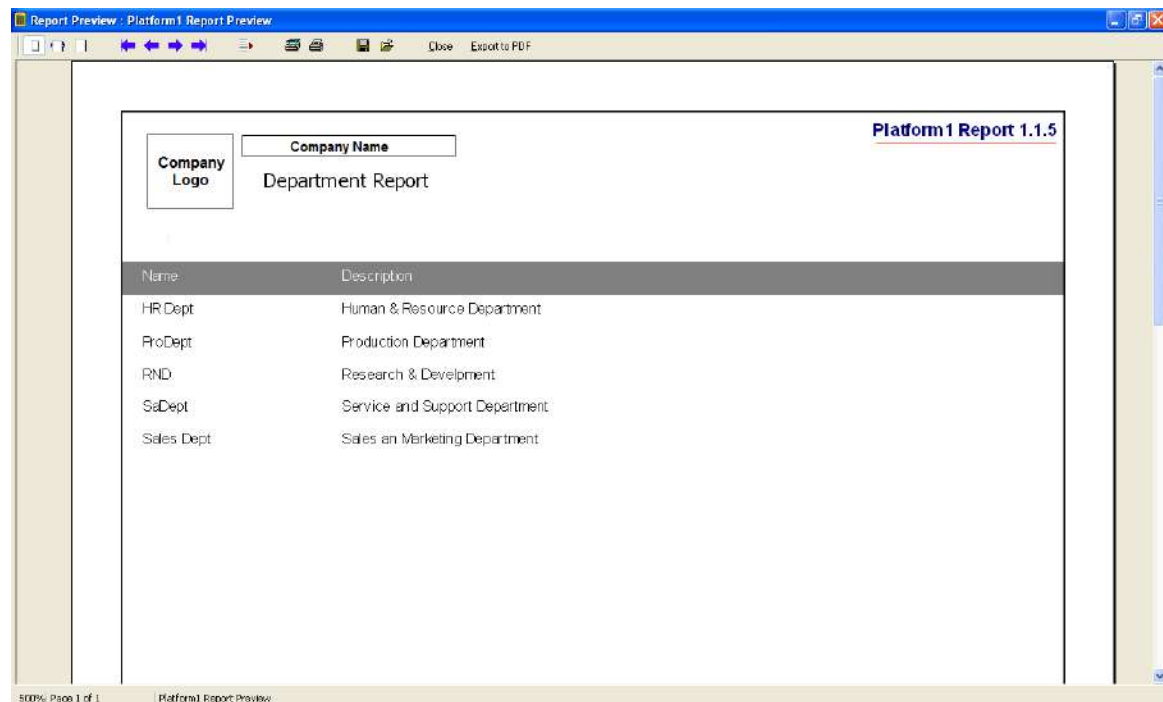
Card No. : 001252	Staff No. : ASD5	Name : Michelle Wee
Type : Access Card	Start Date : 23/07/2008	End Date : 23/07/2018
Access Level : 1	Buddy Mode : No	Buddy No. : 000
Antipassback : Yes	AP Type : Hard	Activate : Yes
Card No. : 002351	Staff No. : ASD1	Name : Derek
Type : Access Card	Start Date : 23/07/2008	End Date : 23/07/2018
Access Level : 3	Buddy Mode : No	Buddy No. : 000
Antipassback : Yes	AP Type : Hard	Activate : Yes
Card No. : 005421	Staff No. : ASD4	Name : Akmar
Type : Access Card	Start Date : 23/07/2008	End Date : 23/07/2018
Access Level : 4	Buddy Mode : No	Buddy No. : 000
Antipassback : Yes	AP Type : Hard	Activate : Yes
Card No. : 005462	Staff No. : ASD3	Name : Marcus Tee
Type : Access Card	Start Date : 23/07/2008	End Date : 23/07/2018
Access Level : 1	Buddy Mode : No	Buddy No. : 000

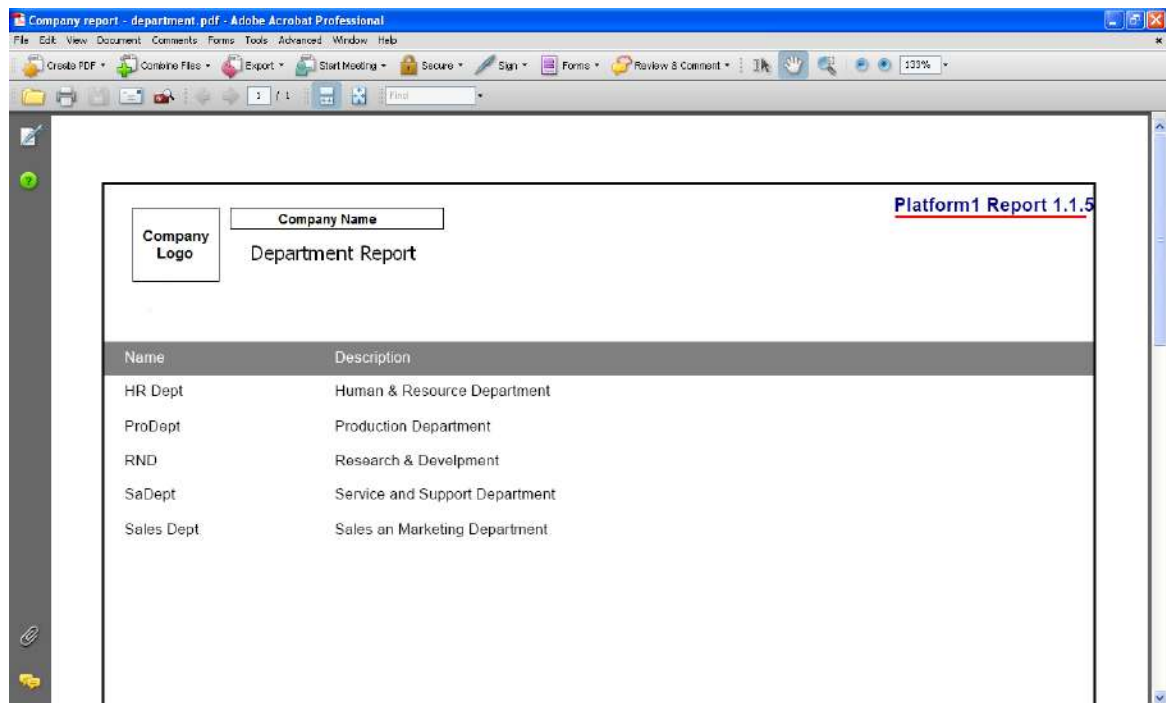
1100% Page 1 of 2 Platform1 Report Preview

QRP format

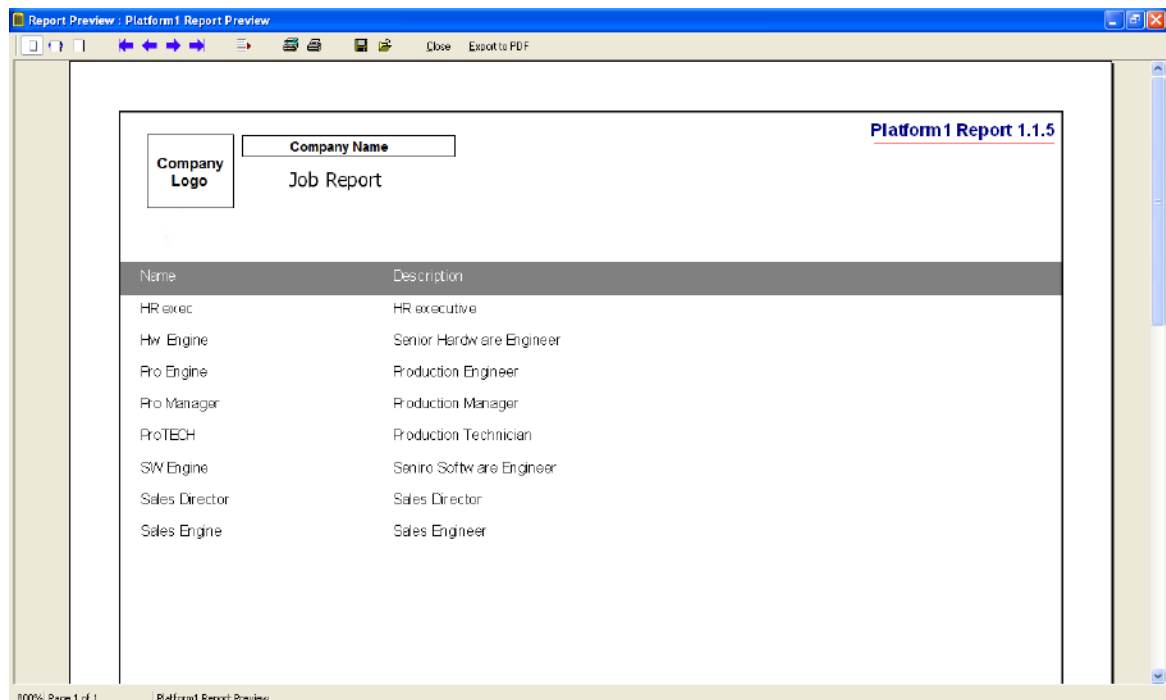
**PDF format**

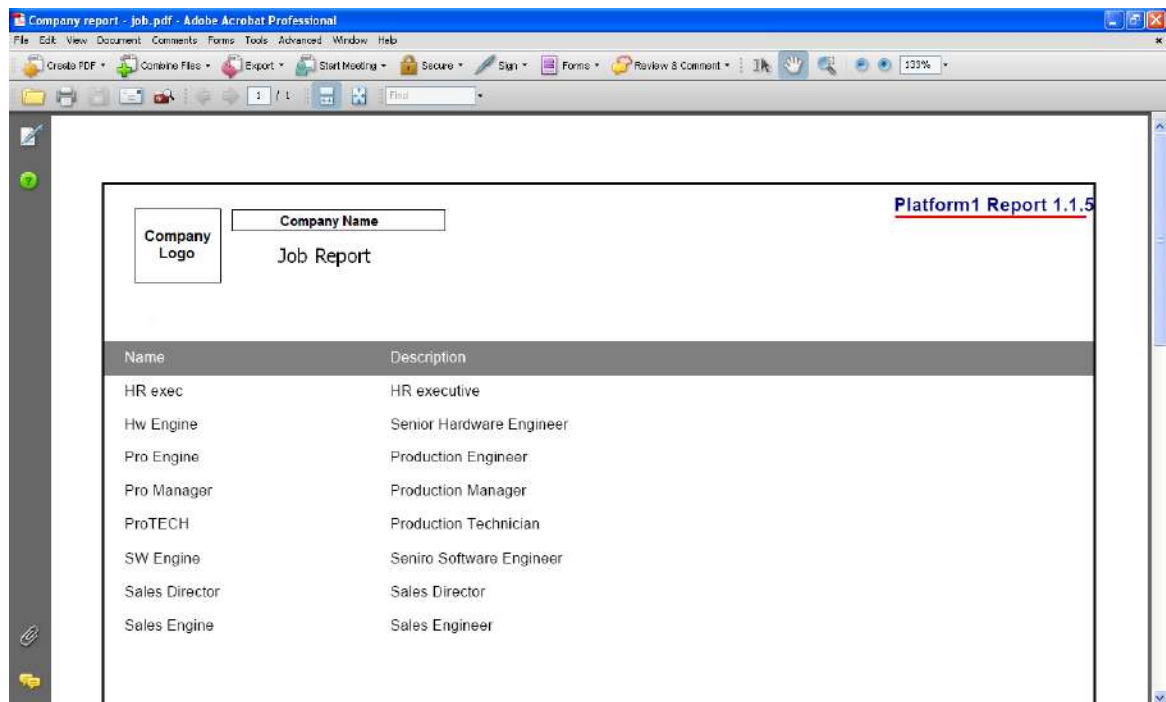
18.22 Company Report - Department

**QRP format**

*PDF format*

18.23 Company Report - Job



QRP format**PDF format**

18.24 Company Report - Holiday

Report Preview : Platform1 Report Preview

Company Logo Company Name Holiday Report Platform1 Report 1.1.5

Date (dd/mm)	Description	Yearly	Year
01/01	New Year's Day	Yes	
10/01	Maal Hijrah	No	2008
07/02	Lunar New Year	No	2008
08/02	Lunar New Year (2nd Day)	No	2008
01/05	Labour Day	Yes	
19/06	Wesak Day	No	2008
31/08	National Day	Yes	
02/10	Hari Raya Puasa	No	2008
27/10	Deepavali	No	2008
09/12	Hari Raya Haji	No	2008
25/12	Christmas Day	Yes	

1100% Page 1 of 1 Platform Report Preview

QRP format

Company report - holiday.pdf - Adobe Acrobat Professional

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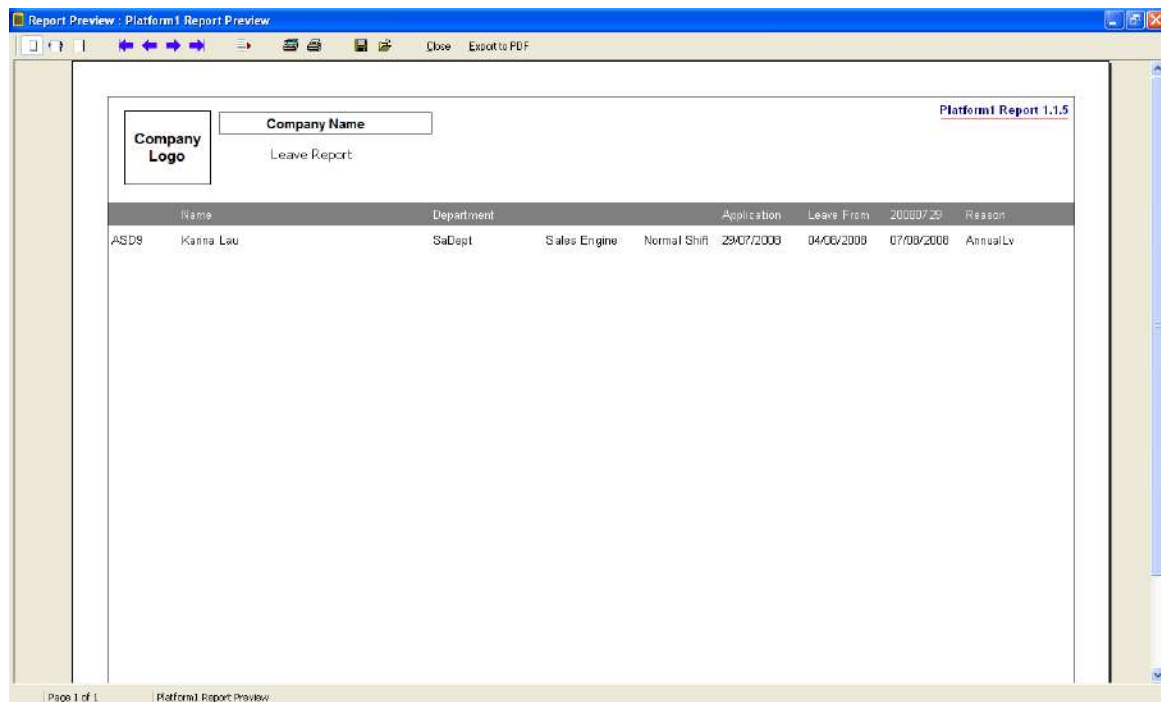
Create PDF Combine Files Export Start Meeting Secure Sign Forms Review & Comment 100%

Company Logo Company Name Holiday Report Platform1 Report 1.1.5

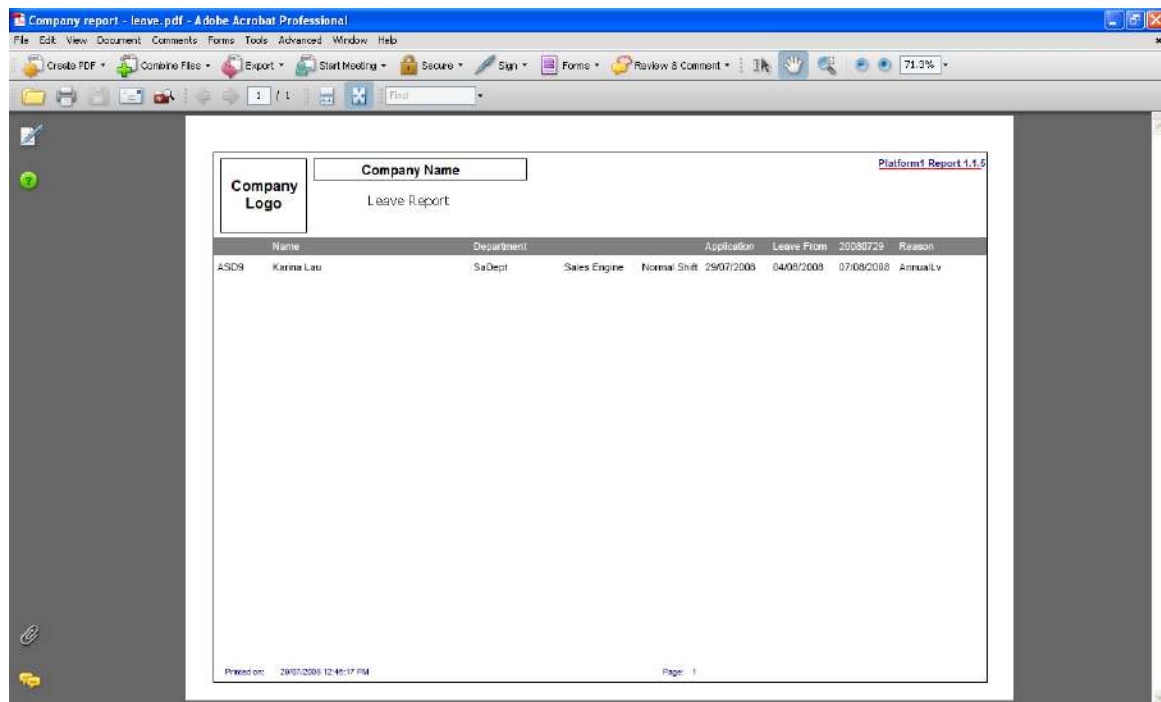
Date (dd/mm)	Description	Yearly	Year
01/01	New Year's Day	Yes	
10/01	Maal Hijrah	No	2008
07/02	Lunar New Year	No	2008
08/02	Lunar New Year (2nd Day)	No	2008
01/05	Labour Day	Yes	
19/06	Wesak Day	No	2008
31/08	National Day	Yes	
02/10	Hari Raya Puasa	No	2008
27/10	Deepavali	No	2008
09/12	Hari Raya Haji	No	2008

PDF format

18.25 Company Report - Leave



QRP format



PDF format

18.26 Company Report - Normal Shift

Report Preview: Platform1 Report Preview

Company Name: [Text Box]
Shift Report

Platform1 Report 1.1.5

Shift: Normal Shift Description: Normal Working Shift

Day	Work From	Work To	Allow Break	Break From	Break To	Deduct (mins)
Monday	09:00	18:00	Yes	13:00	14:00	0
Tuesda	09:00	18:00	Yes	13:00	14:00	0
Wedne	09:00	18:00	Yes	13:00	14:00	0
Thursd	09:00	18:00	Yes	13:00	14:00	0
Friday	09:00	18:00	Yes	13:00	14:00	0
Saturda	00:00	00:00				
Sunday	00:00	00:00				
Holiday	00:00	00:00				

OT Claims : No
Out Grace (mins) : 15

Page 1 of 1 Platform Report Preview

QRP format

Company report - normal shift.pdf - Adobe Acrobat Professional

Company Name: [Text Box]
Shift Report

Platform1 Report 1.1.5

Shift: Normal Shift Description: Normal Working Shift

Day	Work From	Work To	Allow Break	Break From	Break To	Deduct (mins)
Monday	09:00	18:00	Yes	13:00	14:00	0
Tuesda	09:00	18:00	Yes	13:00	14:00	0
Wedne	09:00	18:00	Yes	13:00	14:00	0
Thursd	09:00	18:00	Yes	13:00	14:00	0
Friday	09:00	18:00	Yes	13:00	14:00	0
Saturda	00:00	00:00				
Sunday	00:00	00:00				
Holiday	00:00	00:00				

OT Claims : No
Out Grace (mins) : 15

PDF format

18.27 Company Report - Day Shift

Report Preview : Platform1 Report Preview

Company Name
Day Shift Report

Platform1 Report 1.1.5

Shift	M1	Description	Morning Shift 1				
Work From	Work To	Allow Break	Break From	Break To	Deduct (mins)	OT Claims	Out Grace (mins)
09:00	18:00	Yes	13:00	14:00	0	Yes	15

Shift	N1	Description	Night Shift 1				
Work From	Work To	Allow Break	Break From	Break To	Deduct (mins)	OT Claims	Out Grace (mins)
18:00	09:00	Yes	01:00	02:00	0	Yes	15

200% Page 1 of 1 Platform1 Report Preview

QRP format

Company report - day shift.pdf - Adobe Acrobat Professional

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Company Name
Day Shift Report

Platform1 Report 1.1.5

Shift	M1	Description	Morning Shift 1				
Work From	Work To	Allow Break	Break From	Break To	Deduct (mins)	OT Claims	Out Grace (mins)
09:00	18:00	Yes	13:00	14:00	0	Yes	15

Shift	N1	Description	Night Shift 1				
Work From	Work To	Allow Break	Break From	Break To	Deduct (mins)	OT Claims	Out Grace (mins)
18:00	09:00	Yes	01:00	02:00	0	Yes	15

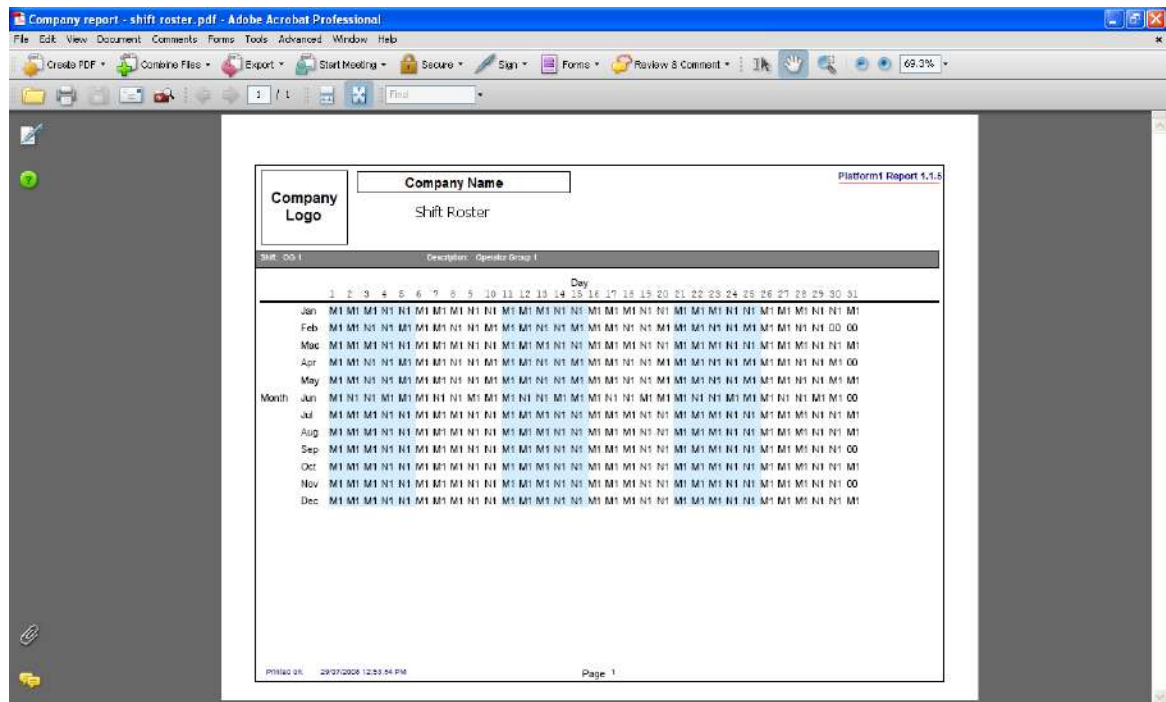
PDF format

18.28 Company Report - Shift Roster

Report Preview : Platform1 Report Preview

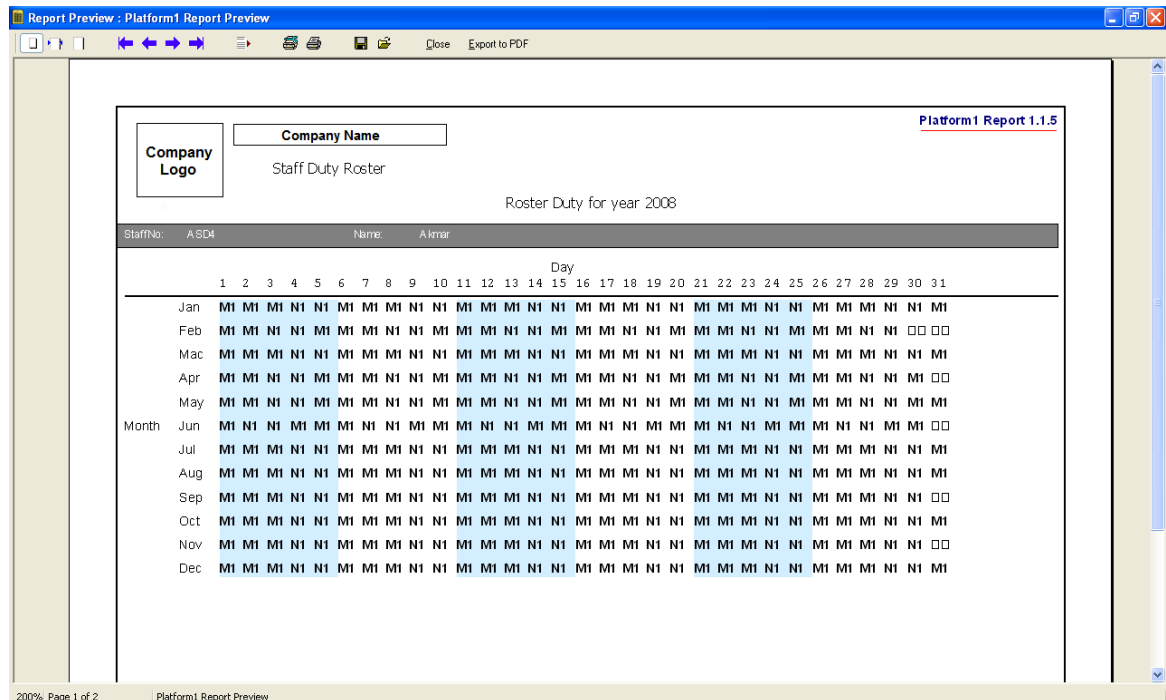
</

QRP format

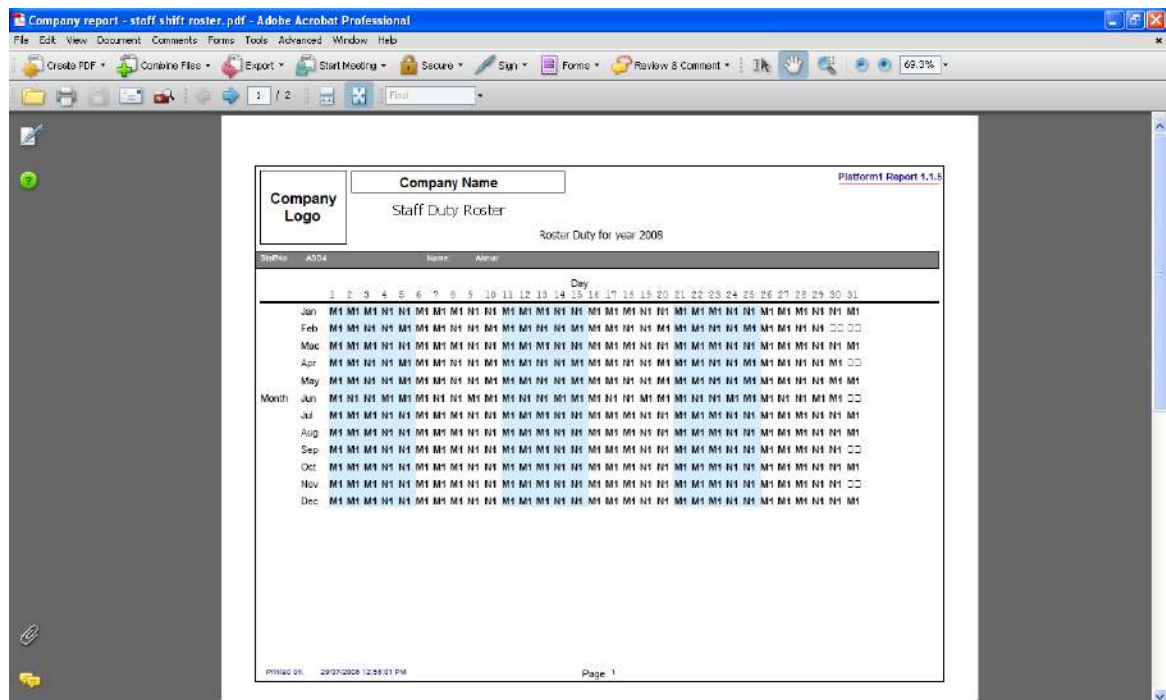


PDF format

18.29 Company Report - Staff Shift Roster

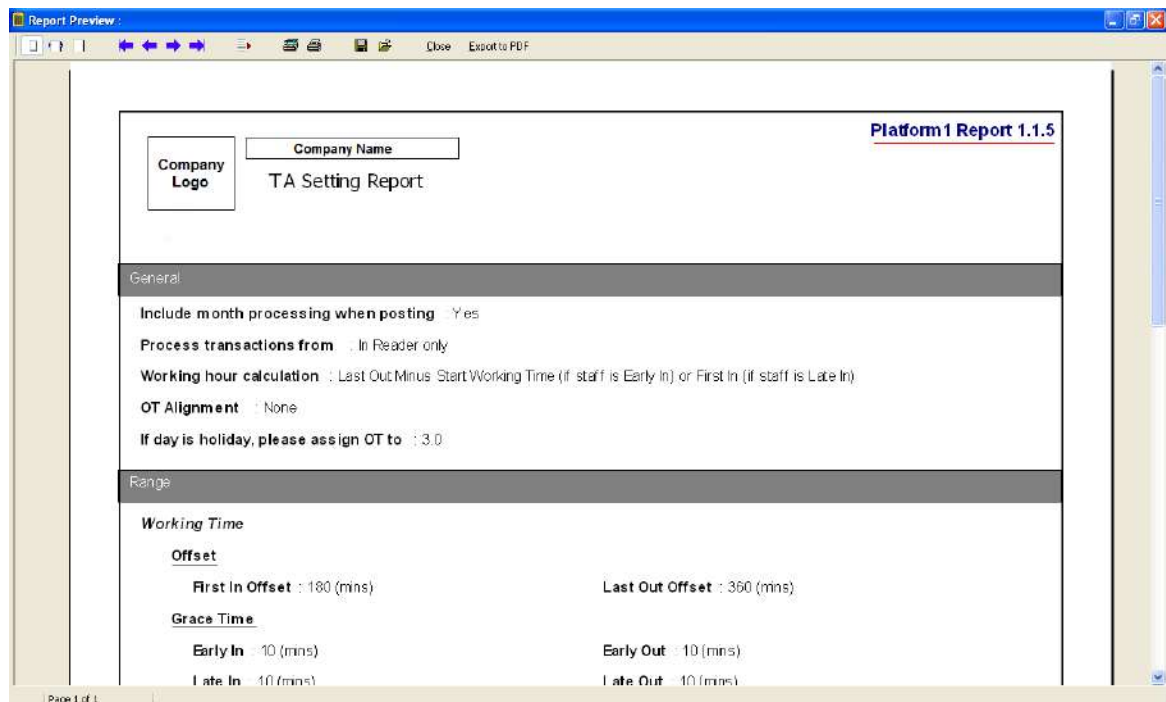


QRP format



PDF format

18.30 Company Report - TA Setting



QRP format

Company report - TA setting.pdf - Adobe Acrobat Professional

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Company Logo Company Name TA Setting Report

Platform1 Report 1.1.5

General

Include month processing when posting : Yes

Process transactions from : In Reader only

Working hour calculation : Last Out Minus Start Working Time (if staff is Early In) or First In (if staff is Late In)

OT Alignment : None

If day is holiday, please assign OT to : 3.0

Range

Working Time

Offset

First In Offset : 180 (mins) Last Out Offset : 360 (mins)

PDF format**18.31 Company Report - Reason**

Report Preview : Platform1 Report Preview

Company Name: Reason Report

Platform1 Report 1.1.5

Code	Description	Type
AnnualLv	Annual Leave	Annual Leave
CompLv	Compassionate Leave	Annual Leave
HLLv	Hospital Leave	Medical Leave
MaternityLv	Maternity Leave	Annual Leave
MedicalLv	Medical Leave	Medical Leave

500% Page 1 of 1 Platform Report Preview

QRP format

Company report - reason.pdf - Adobe Acrobat Professional

Company Name: Reason Report

Platform1 Report 1.1.5

Code	Description	Type
AnnualLv	Annual Leave	Annual Leave
CompLv	Compassionate Leave	Annual Leave
HLLv	Hospital Leave	Medical Leave
MaternityLv	Maternity Leave	Annual Leave
MedicalLv	Medical Leave	Medical Leave

PDF format

18.32 Company Report - Inactive Card

Report Preview : Platform1 Report Preview

Company Logo

Company Name
Inactive Card Report
From: 29/07/2008 To: 29/07/2008

Platform1 Report 1.1.5

Card No	Staff No	Name	Department	Job	Shift
001252	ASD5	Michelle Wee	Sales Dept	Sales Director	Normal Shift
002351	ASD1	Derek	RND	SW Engine	Normal Shift
005421	ASD4	Akmar	ProDept	ProTECH	OG 1
005462	ASD3	Marcus Tee	Sales Dept	Sales Director	Normal Shift
006785	ASD11	Brenda Pek	HR Dept	HR exec	Normal Shift
007753	ASD9	Karina Lau	SaDept	Sales Engine	Normal Shift
007781	ASD6	Justin Lee	RND	Hw Engine	Normal Shift
011356	ASD8	Bruce Wayne	ProDept	Pro Manager	Normal Shift
043156	ASD2	Jessica Chong	SaDept	Sales Engine	Normal Shift
045215	ASD10	Evelyn Khoo	HR Dept	HR exec	Normal Shift
055780	ASD7	Siva	ProDept	Pro Engine	OG 1

Total inactive cards: 11

100% Page 1 of 1 Platform1 Report Preview

QRP format

Company report - Inactive card.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

Create PDF Combine Files Export Start Modeling Secure Sign Forms Review & Comment 100%

Company Logo

Company Name
Inactive Card Report
From: 29/07/2008 To: 29/07/2008

Platform1 Report 1.1.5

Card No	Staff No	Name	Department	Job	Shift
001252	ASD5	Michelle Wee	Sales Dept	Sales Director	Normal Shift
002351	ASD1	Derek	RND	SW Engine	Normal Shift
005421	ASD4	Akmar	ProDept	ProTECH	OG 1
005462	ASD3	Marcus Tee	Sales Dept	Sales Director	Normal Shift
006785	ASD11	Brenda Pek	HR Dept	HR exec	Normal Shift
007753	ASD9	Karina Lau	SaDept	Sales Engine	Normal Shift
007781	ASD6	Justin Lee	RND	Hw Engine	Normal Shift
011356	ASD8	Bruce Wayne	ProDept	Pro Manager	Normal Shift
043156	ASD2	Jessica Chong	SaDept	Sales Engine	Normal Shift
045215	ASD10	Evelyn Khoo	HR Dept	HR exec	Normal Shift

PDF format

18.33 Guard Tour Report - Card

The screenshot shows a software window titled "Report Preview: Platform1 Report Preview". Inside, there is a form for a "Guard Tour Card Report". The form includes a "Company Logo" placeholder, a "Company Name" input field, and a title "Guard Tour Card Report". In the top right corner, it says "Platform1 Report 1.1.5". Below this is a table with three columns: "Card No.", "ID No.", and "Name". The table contains six rows of data. At the bottom of the window, it says "100% Page 1 of 1" and "Platform1 Report Preview".

Card No.	ID No.	Name
000006	Security Guard 4	S.Guard 4
000192	Security Guard 6	S.Guard 6
001038	Security Guard 5	S.Guard 5
001333	Security Guard 2	S.Guard 2
002620	Security Guard 1	S.Guard 1
006839	Security Guard 3	S.Guard 3

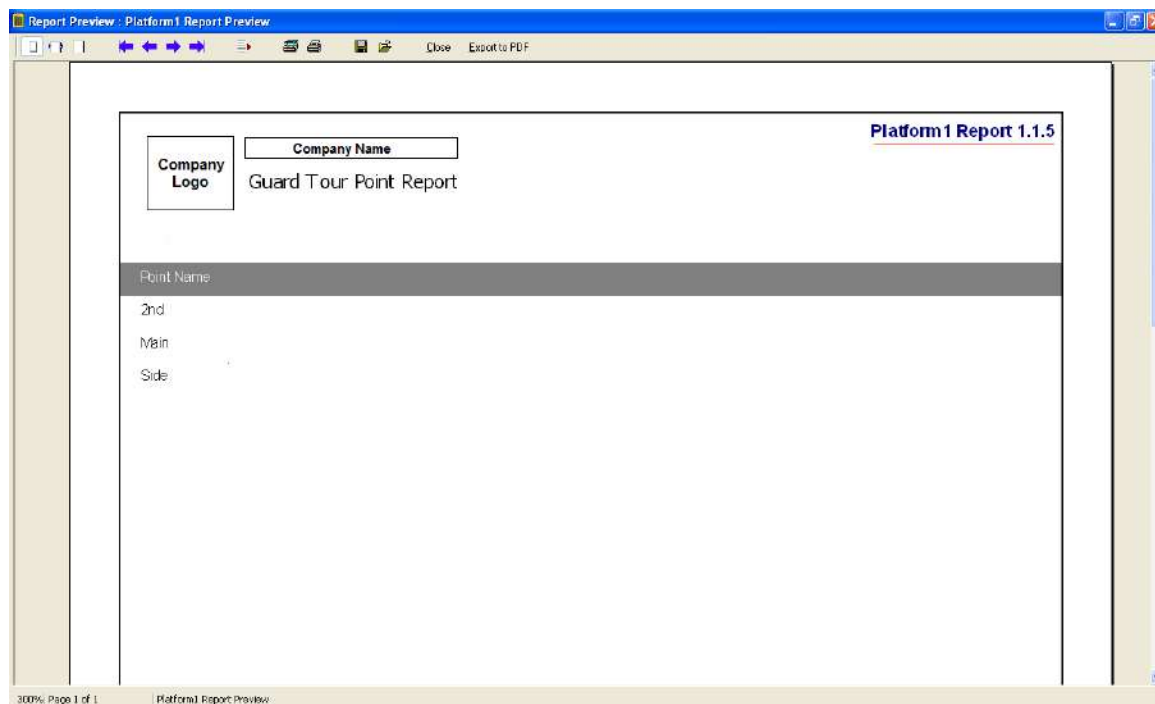
QRP format

The screenshot shows the same "Guard Tour Card Report" form as above, but it is displayed within the Adobe Acrobat Professional interface. The window title is "Guard Tour report - card.pdf - Adobe Acrobat Professional". The form layout is identical, including the company logo placeholder, name field, title, version number "Platform1 Report 1.1.5", and the table of guard information. The bottom of the window shows "100% Page 1 of 1".

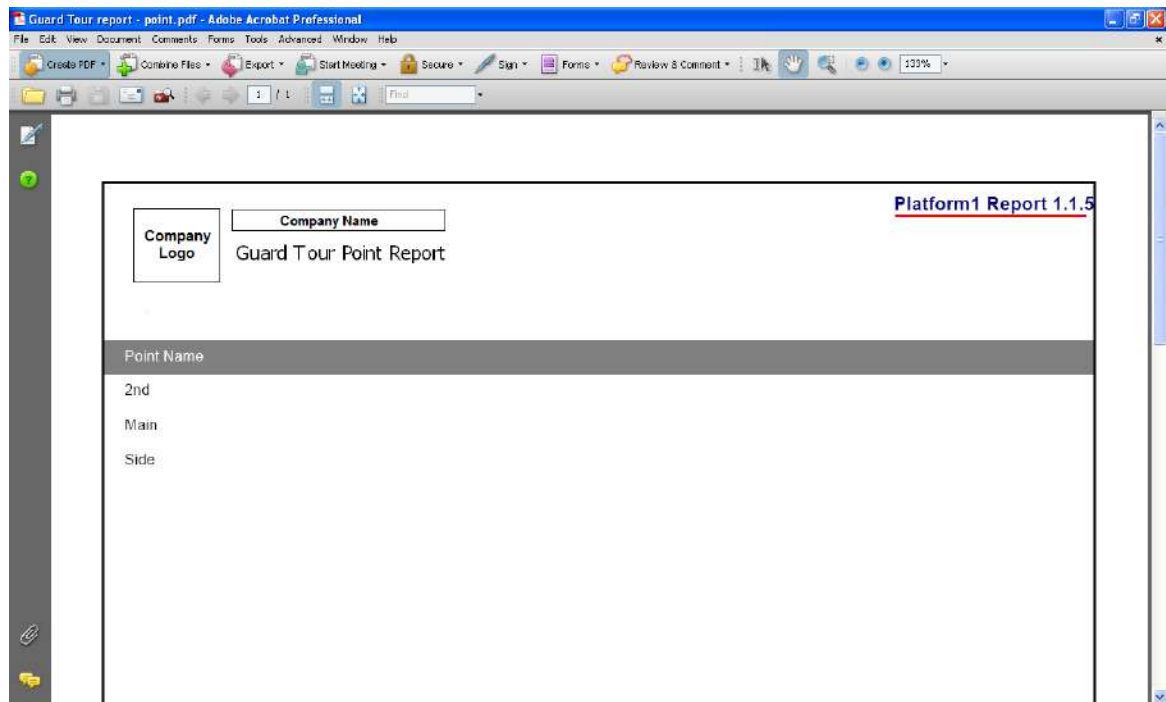
Card No.	ID No.	Name
000006	Security Guard 4	S.Guard 4
000192	Security Guard 6	S.Guard 6
001038	Security Guard 5	S.Guard 5
001333	Security Guard 2	S.Guard 2
002620	Security Guard 1	S.Guard 1
006839	Security Guard 3	S.Guard 3

PDF format

18.34 Guard Tour Report - Point

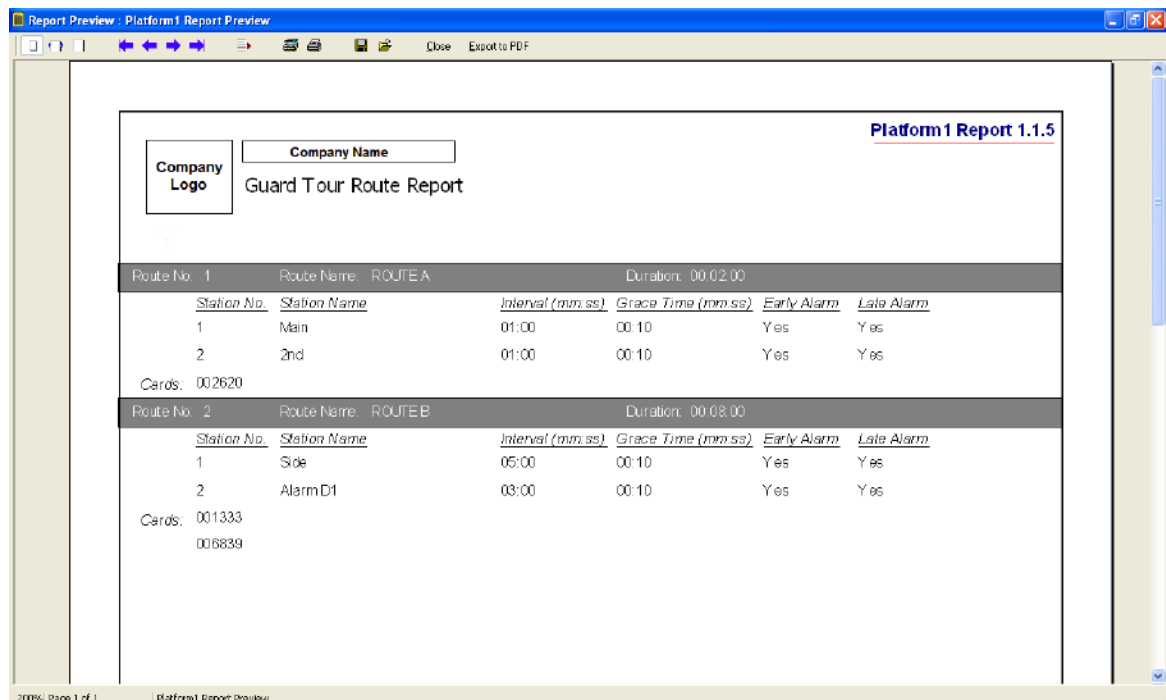


QRP format

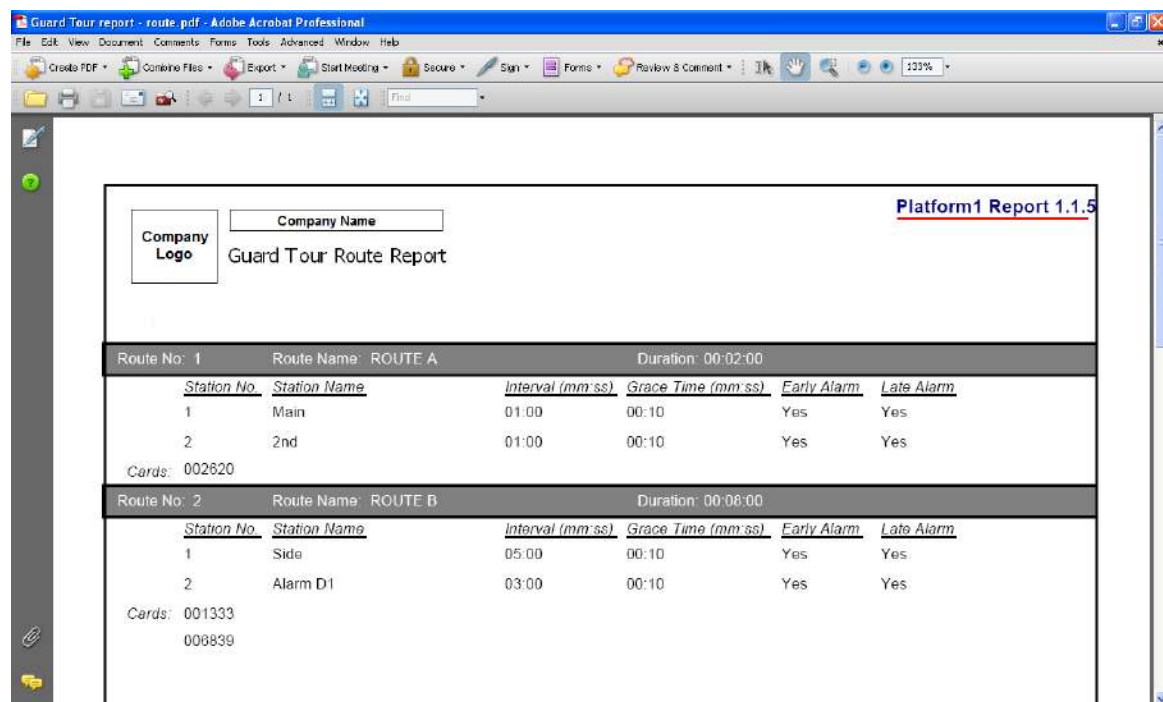


PDF format

18.35 Guard Tour Report - Route

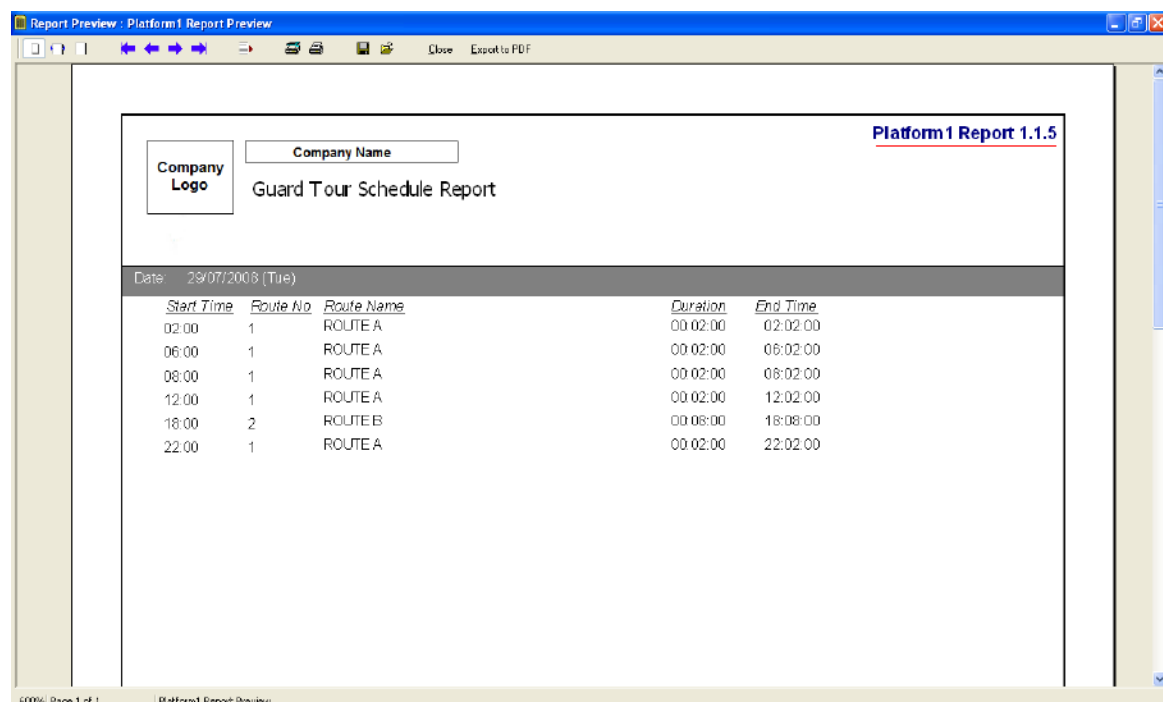


QRP format



PDF format

18.36 Guard Tour Report - Schedule



QRP format

Guard Tour report - schedule.pdf - Adobe Acrobat Professional

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1 / 1 Find

Platform1 Report 1.1.5

Company Logo

Company Name

Guard Tour Schedule Report

Date: 29/07/2008 (Tue)

<u>Start Time</u>	<u>Route No.</u>	<u>Route Name</u>	<u>Duration</u>	<u>End Time</u>
02:00	1	ROUTE A	00:02:00	02:02:00
06:00	1	ROUTE A	00:02:00	06:02:00
08:00	1	ROUTE A	00:02:00	08:02:00
12:00	1	ROUTE A	00:02:00	12:02:00
18:00	2	ROUTE B	00:08:00	18:08:00
22:00	1	ROUTE A	00:02:00	22:02:00

PDF format

18.37 Guard Tour Report - Transaction

Report Preview : Platform1 Report Preview

Company Logo Company Name Platform1 Report 1.1.5

Guard Tour Transaction Report

Time	Event	Route No Name	Station No Name	Card No	ID	Name
Date: 29/07/2008						
14:41:36	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:37	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:52	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:54	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:55	(A) Duress Alarm		Main	002620	Security Guard 1	S.Guard 1
14:41:55	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:48:17	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:18	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:19	(A) Duress Alarm	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:19	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:22	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1

1100% Page 1 of 1 Platform1 Report Preview

QRP format

Guard Tour report - transaction.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

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Company Logo Company Name Platform1 Report 1.1.5

Guard Tour Transaction Report

Time	Event	Route No Name	Station No Name	Card No	ID	Name
Date: 29/07/2008						
14:41:36	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:37	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:52	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:54	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:41:55	(A) Duress Alarm		Main	002620	Security Guard 1	S.Guard 1
14:41:55	(O) Good Swipe		Main	002620	Security Guard 1	S.Guard 1
14:48:17	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:18	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:19	(A) Duress Alarm	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:19	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1
14:48:22	(M) Late Swipe (Alarm)	1 ROUTE A	1 Main	002620	Security Guard 1	S.Guard 1

Printed on: 29/07/2008 3:05:30 PM Page: 1

PDF format

18.38 Guard Tour Report - Tour

Report Preview : Platform1 Report Preview

Company Logo Company Name Guard Tour Report

Platform1 Report 1.1.5

Date: 29/07/2008 (Tue)

Start Time	Route No	Route Name	Duration	End Time
02:00	1	ROUTE A	00:02:00	02:02:00

No	Station Name	Card	ID	Name	Prog. Arrival	Actual Arrival	Time Diff	Status	Alarm
1	Main				02:01:00			Missed	
2	2nd				02:02:00			Missed	

Summary:
 Actual duration: 00:00:00 Total station: 2 Total arrive late: 0 Total duress alarm: 0
 Duration diff: - 00:02:00 Total missed station: 2 Total arrive early: 0 Route completed: No

Start Time	Route No	Route Name	Duration	End Time
06:00	1	ROUTE A	00:02:00	06:02:00

No	Station Name	Card	ID	Name	Prog. Arrival	Actual Arrival	Time Diff	Status	Alarm
1	Main				06:01:00			Missed	
2	2nd				06:02:00			Missed	

Summary:
 Actual duration: 00:00:00 Total station: 2 Total arrive late: 0 Total duress alarm: 0
 Duration diff: - 00:02:00 Total missed station: 2 Total arrive early: 0 Route completed: No

1000% Page 1 of 2 Platform1 Report Preview

QRP format

Guard Tour report - tour.pdf - Adobe Acrobat Professional

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Company Logo Company Name Guard Tour Report

Platform1 Report 1.1.5

Date: 29/07/2008 (Tue)

Start Time	Route No	Route Name	Duration	End Time
02:00	1	ROUTE A	00:02:00	02:02:00

No	Station Name	Card	ID	Name	Prog. Arrival	Actual Arrival	Time Diff	Status	Alarm
1	Main				02:01:00			Missed	
2	2nd				02:02:00			Missed	

Summary:
 Actual duration: 00:00:00 Total station: 2 Total arrive late: 0 Total duress alarm: 0
 Duration diff: - 00:02:00 Total missed station: 2 Total arrive early: 0 Route completed: No

Start Time	Route No	Route Name	Duration	End Time
06:00	1	ROUTE A	00:02:00	06:02:00

No	Station Name	Card	ID	Name	Prog. Arrival	Actual Arrival	Time Diff	Status	Alarm
1	Main				06:01:00			Missed	

Summary:
 Actual duration: 00:00:00 Total station: 2 Total arrive late: 0 Total duress alarm: 0
 Duration diff: - 00:02:00 Total missed station: 2 Total arrive early: 0 Route completed: No

PDF format

18.39 Daily Event Report

Report Preview : Platform1 Report Preview

Company Logo

Company Name

Transaction Report

Platform1 Report 1.1.5

Time	Transaction	Controller	Door	Card No.	Shift No.	Name	Department	Job
Date : 29/07/2008								
10:15:59	(S) Platform1 Server Start Up							
10:16:00	(S4) Controller Down	2nd						
10:16:00	(S4) Controller Down	Main						
10:16:00	(S4) Controller Down	Side						
10:16:16	(S3) Server Log In					EntryPass		
11:00:51	(S4) Controller Down	Alarm Outlet						
14:34:41	(B4) Clear Memory	Main	Main					
14:34:41	(B4) Cold Start	Main	Main					
14:34:43	(B4) Controller reset	Main	Main					
14:34:43	(D4) Door security is ON	Main	Main					
14:35:28	(SL) Controller Up	Main						
14:35:39	(C4) Unknown Card Number (Entry)	Main	Main	002620		Unlisted User		
14:41:36	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:37	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:52	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:54	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:55	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:55	(CB) GT Dureses Alarm	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:17	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(GD) GT Late Swipes (R: 1, S: 1)	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(GD) GT Late Swipes (R: 1, S: 1)	Main	Main	002620	Security Guard 1	S.Guard 1		

2800% Page 1 of 2 Platform1 Report Preview

QRP format

Daily Event report.pdf - Adobe Acrobat Professional

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1 / 2 Find

Company Logo

Company Name

Transaction Report

Platform1 Report 1.1.5

Time	Transaction	Controller	Door	Card No.	Shift No.	Name	Department	Job
Date : 29/07/2008								
10:15:59	(S) Platform1 Server Start Up							
10:16:00	(S4) Controller Down	2nd						
10:16:00	(S4) Controller Down	Main						
10:16:00	(S4) Controller Down	Side						
10:16:16	(S3) Server Log In					EntryPass		
11:00:51	(S4) Controller Down	Alarm Outlet						
14:34:41	(B4) Clear Memory	Main	Main					
14:34:41	(B4) Cold Start	Main	Main					
14:34:43	(B4) Controller reset	Main	Main					
14:34:43	(D4) Door security is ON	Main	Main					
14:35:28	(SL) Controller Up	Main						
14:35:39	(C4) Unknown Card Number (Entry)	Main	Main	002620		Unlisted User		
14:41:36	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:37	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:52	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:54	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:55	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:41:55	(CB) GT Dureses Alarm	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:17	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:17	(GD) GT Late Swipes (R: 1, S: 1)	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(GD) GT Late Swipes (R: 1, S: 1)	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(CA) Valid GT Card Swipe	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(GD) GT Late Swipes (R: 1, S: 1)	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(CB) GT Dureses Alarm	Main	Main	002620	Security Guard 1	S.Guard 1		
14:48:18	(GD) GT Late Swipes (R: 1, S: 1)	Main	Main	002620	Security Guard 1	S.Guard 1		

Printed on: 29/07/2008 2:10:53 PM Page: 1

PDF format

18.40 Daily Alarm Report

Report Preview : Platform1 Report Preview

Company Logo

Company Name

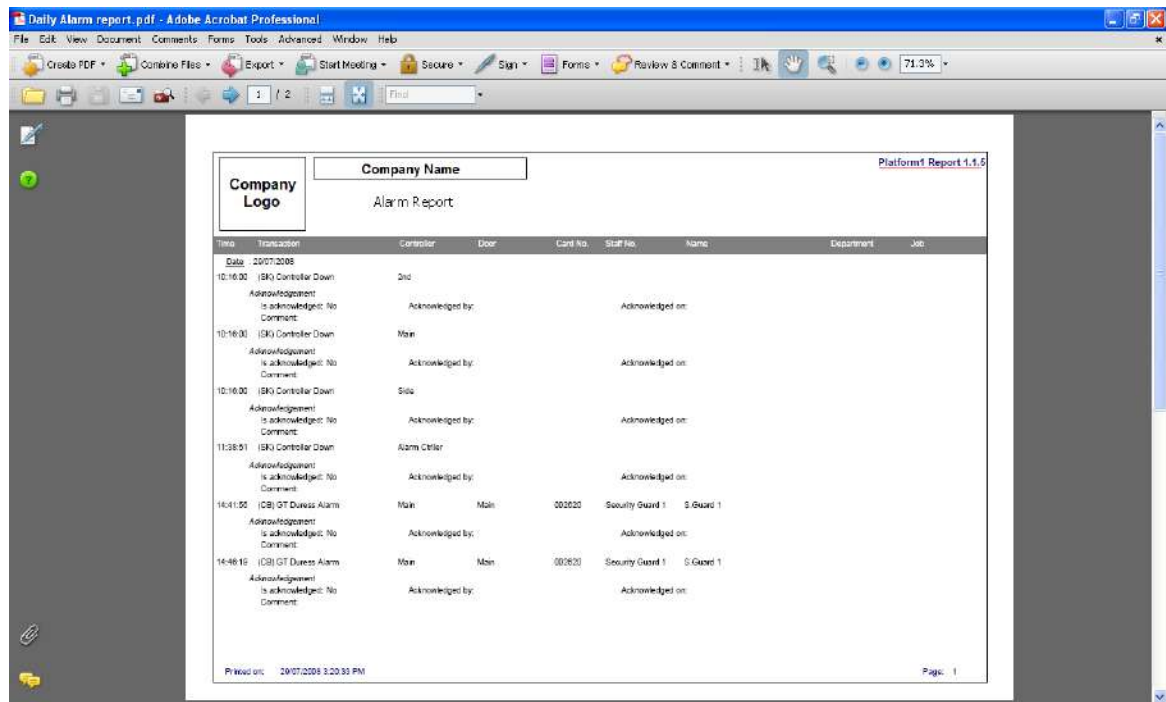
Alarm Report

Platform1 Report 1.1.5

Time	Transaction	Controller	Door	Card No.	Staff No.	Name	Department	Job
Date: 25/07/2008								
10:18:00	(SK) Controller Down	2nd						
	Acknowledgement: Is acknowledged: No Comment:	Acknowledged by:				Acknowledged on:		
10:18:00	(SK) Controller Down	Main						
	Acknowledgement: Is acknowledged: No Comment:	Acknowledged by:				Acknowledged on:		
10:18:00	(SK) Controller Down	Side						
	Acknowledgement: Is acknowledged: No Comment:	Acknowledged by:				Acknowledged on:		
11:30:51	(SK) Controller Down	Alarm Chiller						
	Acknowledgement: Is acknowledged: No Comment:	Acknowledged by:				Acknowledged on:		
14:41:55	(CB) GT Duress Alarm	Main	Main	002620	Security Guard 1	S.Guard 1		
	Acknowledgement: Is acknowledged: No Comment:	Acknowledged by:				Acknowledged on:		
14:45:10	(CB) GT Duress Alarm	Main	Main	002620	Security Guard 1	S.Guard 1		
	Acknowledgement: Is acknowledged: No Comment:	Acknowledged by:				Acknowledged on:		

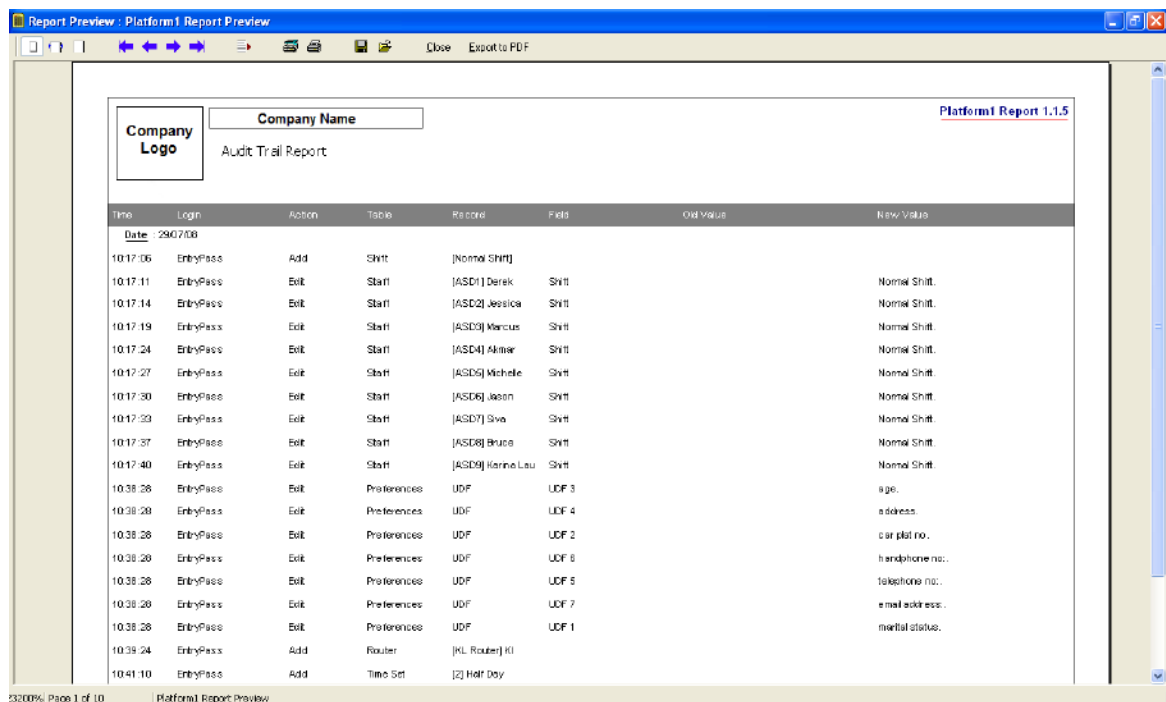
200% Page 1 of 2 Platform1 Report Preview

QRP format

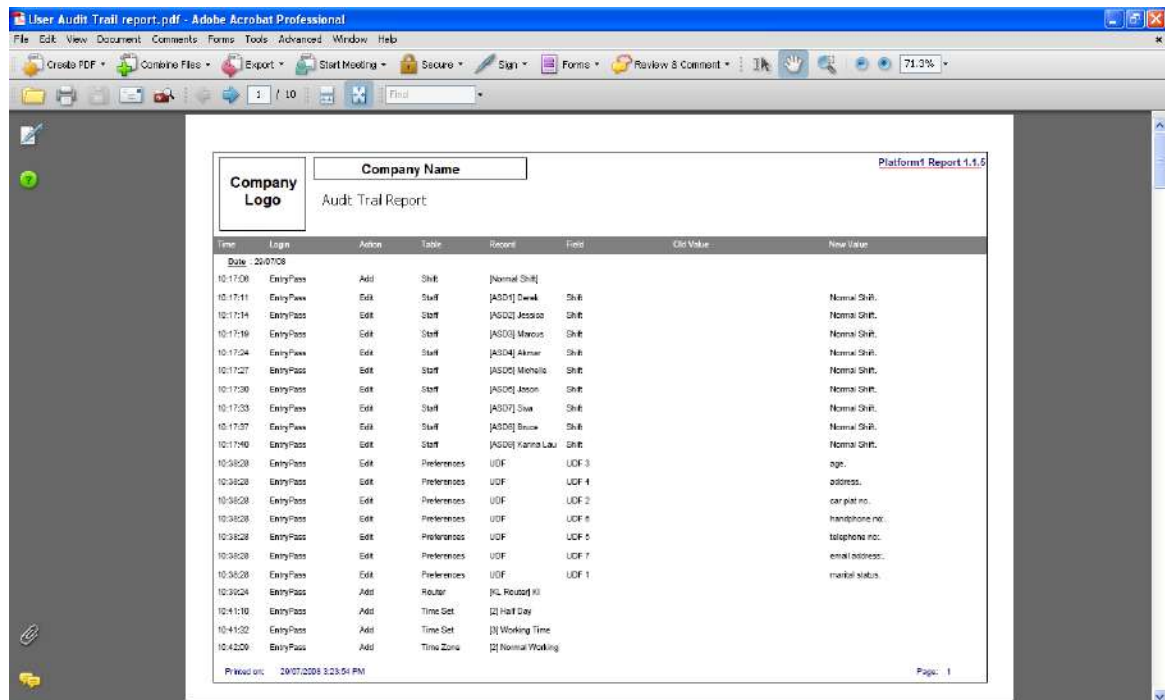


PDF format

18.41 User Audit Trail Report



QRP format



PDF format

18.42 Roll Call Report - Transaction

Report Preview - Platform1 Report Preview

Company Logo **Company Name** **Platform1 Report 1.1.5**

Roll Call Transactions Report
From: 29/07/2008 00:00:00 To: 29/07/2008 23:59:59

Roll Call Group	Department	Job	Total In	Total Out	Total Diff
RC 1	HR Dept	HR exec	1	0	1
		Total (HR Dept):	1	0	1
	Pro Dept	Pro Manager	1	0	1
		Total (Pro Dept):	1	0	1
	Sales Dept	Sales Director	1	0	1
		Total (Sales Dept):	1	0	1
		Total (RC 1):	3	0	3
Grand Total In: 3					
Grand Total Out: 0					
Grand Diff: 3					

300% Page 1 of 1 Platform Report Preview

QRP format

Roll Call report - transactions.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

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Company Logo Company Name

Roll Call Transactions Report

From: 29/07/2008 00:00:00 To: 29/07/2008 23:59:59

Roll Call Group	Department	Job	Total In	Total Out	Total Diff
RC 1	HR Dept	HR exec	1	0	1
		Total (HR Dept):	1	0	1
	ProDept	Pro Manager	1	0	1
		Total (ProDept):	1	0	1
	Sales Dept	Sales Director	1	0	1
		Total (Sales Dept):	1	0	1
		Total (RC 1):	3	0	3

Grand Total In: 3
Grand Total Out: 0
Grand Diff: 3

PDF format**18.43 Roll Call Report - Real Time**

Report Preview : Platform1 Report Preview

Company Logo

Company Name
Roll Call (By Job) Report
Date: 29/07/2008

Platform1 Report 1.1.5

Shift No	Card No	Name	Shift	Date/Time	Out	Dr Name
Roll Call Group: RC 1						
Department: HR Dept						
Job: HR exec						
ASD10	001428	Evelyn Khoo	Normal Shift	29/07/2008 15:39:47	Main	Main
				Total (HR exec) =>	Total Valid: 1	Total Invalid: 0
				Total (HR Dept) =>	Total Valid: 1	Total Invalid: 0
Department: ProDept						
Job: Pro Manager						
ASD8	002620	Bruce Wayne	Normal Shift	29/07/2008 15:37:17	Main	Main
				Total (Pro Manager) =>	Total Valid: 1	Total Invalid: 0
				Total (ProDept) =>	Total Valid: 1	Total Invalid: 0
Department: Sales Dept						
Job: Sales Director						
ASD5	053379	Michelle Wee	Normal Shift	29/07/2008 15:40:10	Main	Main
				Total (Sales Director) =>	Total Valid: 1	Total Invalid: 0
				Total (Sales Dept) =>	Total Valid: 1	Total Invalid: 0
				Total (RC 1) =>	Total Valid: 3	Total Invalid: 0
Grand Total Valid: 3						
Grand Total Invalid: 0						
Grand Total: 3						

Legend: Valid = refers to those who flash in on 29/07/2008
Invalid = refers to those who flash in before 29/07/2008

300% Page 1 of 1 Platform1 Report Preview

QRP format

Roll Call report - real time .pdf - Adobe Acrobat Professional

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Company Logo

Company Name
Roll Call (By Job) Report
Date: 29/07/2008

Platform1 Report 1.1.5

Shift No	Card No	Name	Shift	Date/Time	Out	Dr Name
Roll Call Group: RC 1						
Department: HR Dept						
Job: HR exec						
ASD10	001428	Evelyn Khoo	Normal Shift	29/07/2008 15:39:47	Main	Main
				Total (HR exec) =>	Total Valid: 1	Total Invalid: 0
				Total (HR Dept) =>	Total Valid: 1	Total Invalid: 0
Department: ProDept						
Job: Pro Manager						
ASD8	002620	Bruce Wayne	Normal Shift	29/07/2008 15:37:17	Main	Main
				Total (Pro Manager) =>	Total Valid: 1	Total Invalid: 0
				Total (ProDept) =>	Total Valid: 1	Total Invalid: 0
Department: Sales Dept						
Job: Sales Director						
ASD5	053379	Michelle Wee	Normal Shift	29/07/2008 15:40:10	Main	Main
				Total (Sales Director) =>	Total Valid: 1	Total Invalid: 0
				Total (Sales Dept) =>	Total Valid: 1	Total Invalid: 0
				Total (RC 1) =>	Total Valid: 3	Total Invalid: 0
Grand Total Valid: 3						
Grand Total Invalid: 0						
Grand Total: 3						

Legend: Valid = refers to those who flash in on 29/07/2008
Invalid = refers to those who flash in before 29/07/2008

Printed on: 29/07/2008 3:47:20 PM Page: 1

PDF format

18.44 Load Saved Report



QRP format

18.45 Debug Report - Pelco Video Matrix Integration

Report Preview : Platform1 Report Preview

Company Logo

Company Name

Platform1 Report 1.1.5

PELCO Transaction Report

Time	Monitor	Camera	Sens	Result	Event	Controller	Door	Card No.	Staff No.	Name
Date: 29/07/2009										
16:03:04	1	1	1Ma1#a	OK	(De) Door is left open	Main	Main	001428	ASD10	Evelyn Khoo
16:03:04	1	2	1Ma2#a	OK	(De) Door is left open	Main	Main	001428	ASD10	Evelyn Khoo
16:03:04	2	3	2Ma3#a	OK	(De) Door is left open	Main	Main	001428	ASD10	Evelyn Khoo

300% Page 1 of 1 Platform1 Report Preview

QRP format

Debug report - PELCO video matrix integration.pdf - Adobe Acrobat Professional

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Company Logo

Company Name

Platform1 Report 1.1.5

PELCO Transaction Report

Time	Monitor	Camera	Sens	Result	Event	Controller	Door	Card No.	Staff No.	Name
Date: 29/07/2009										
16:03:04	1	1	1Ma1#a	OK	(De) Door is left open	Main	Main	001428	ASD10	Evelyn Khoo
16:03:04	1	2	1Ma2#a	OK	(De) Door is left open	Main	Main	001428	ASD10	Evelyn Khoo
16:03:04	2	3	2Ma3#a	OK	(De) Door is left open	Main	Main	001428	ASD10	Evelyn Khoo

PDF format

Part



19 Appendix C - HIO Setup/Configure

Features of HIO Controller

- *Control Up to 16 Inputs and 16 Outputs for one HIO Controller with expansion board*
- *2 Communication methods with P1 (Serial communication and Active TCP)*
- *Input can be configured as Open Trigger or Close Trigger*
- *Output can be triggered by either point or all points*
- *Output can be trigger by duration (Toggle OFF configuration)*
- *Output can be trigger by associate input (Toggle ON configuration)*
- *Zone Configuration Description*
- *Zone Configuration Simulation*
- *Arm Timezone*
- *Input/Output/Zone Operation Command - Arm, Disarm, Reset, Turn Off Output*
- *Floor Plan Points Status and Operation Command*

19.1 Add Controller

Name

HIO

Description

IOB-8

Model

IOB-8

Type

Serial Communication

Address

31

Controller Setting

Port Forwarding

HIO

Connection

[COM3 -](#)

Suspend Polling

☐ No

Hint: Cross board Interlock only supported to 1 controller

Accept

Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Name:

Description:

Model:

Type:

Address:

Controller Setting | Network Setting | Port Forwarding | HIO

Current Port No.

Suspend Polling ☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Accept Cancel

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select HIO)
- **Type**
Select the communication method for HIO. (Serial or TCP)
- **Address**
Select the controller address in this slots.
 - For Serial: e.g.: 1
 - For TCP: e.g.: 192.168.0.200

Controller - Add

Name: HIO

Description:

Model: HIO

Type: Serial Communication

Address: 1

Controller Setting | Port Forwarding | HIO

Connection: [Com2 - Moxa](#)

Suspend Polling: ☐ No

Save and Close Save and New Cancel

Controller Setting - Serial Communication

- **Connection**

Select predefined connection types (com port selection) from the popup connection listing for the new controller.

- **Suspend Polling**

If checked, system will not communicate with the controller

The screenshot shows a configuration window for an HIO (Host Interface Unit). The top section contains fields for Name (HIO), Description (IOB-8), Model (IOB-8), Type (TCP Active), and Address (192.168.1.106). Below these is a tabbed interface with four tabs: Controller Setting, Network Setting, Port Forwarding, and HIO. The 'Controller Setting' tab is active, showing a 'Current Port No.' field set to 44005 and a 'Suspend Polling' checkbox which is unchecked. A yellow hint box at the bottom of the tab area states: 'Hint: Cross board Interlock only supported to 1 controller'. At the bottom of the window are 'Accept' and 'Cancel' buttons, and a link: 'Read hint on Local PIN, Key Card + PIN and HID AGK format here'.

Name: HIO

Description: IOB-8

Model: IOB-8

Type: TCP Active

Address: 192.168.1.106

Controller Setting | Network Setting | Port Forwarding | HIO

Current Port No.: 44005

Suspend Polling: ☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Accept Cancel

Controller Setting - TCP Active

- ***Current Port No.***
Key in the network port number of the HIO
- ***Suspend Polling***
If checked, system will not communicate with the controller

Controller Setting | Network Setting | Port Forwarding | HIO

Active Engine

Active Engine ID: 1

New Setting

Controller Address: 192.168.1.106

Port No.: 44005

Subnet Mask: 255.255.255.0

Gateway: 192.168.1.1

Network Setting

- **Active Engine**

*To assign the HIO controller into desired Active Engine group (Max: only 10 Active Engine available in Platform1 Server V2****)*

- **New Setting**

This section allowed user to change the existing HIO network setting such as controller address, Port Number, Subnet Mask and Gateway. Once changed, the system will update the new setting on Controller Setting section as well.

The screenshot shows a software window titled "HIO Setup/Configure" with four tabs: "Controller Setting", "Network Setting", "Port Forwarding", and "HIO". The "Port Forwarding" tab is selected. Inside this tab, there are three labels and corresponding input fields:

- "Remote Router" with a text input field containing "Router A -".
- "Current Port No." with a spin box containing the value "44005".
- "New Port No." with a spin box containing the value "44005".

Port Forwarding

- *Click on the Undefined to set the router configuration. Please go to "Router" for further explanation.*

HIO

Controller Setting Network Setting Port Forwarding HIO		
Input Output Alarm Zone		
No.	Name	Description
1	Input 1	I1
2	Input 2	I2
3		
4		
5		
6		
7		
8		
9		
10		
11		

- **Input**

Fill in the Input name and description

Controller Setting Network Setting Port Forwarding HIO		
Input Output Alarm Zone		
No.	Name	Description
1	Output 1	O1
2	Output 2	O2
3		
4		
5		
6		
7		
8		
9		
10		
11		

- **Output**

Fill in the Output name and description

The screenshot displays the 'HIO' configuration section with the 'Alarm Zone' tab selected. It features a table with columns for 'No.', 'Name', 'Description', and 'Arm TZ'. The first two rows are populated with 'AZ_1' and 'AZ_2', both with a description of '1 - 24 Hours Active'. The remaining rows are labeled 'Undefined'. Below the table are 'Add', 'Edit', and 'Delete' buttons.

No.	Name	Description	Arm TZ
1	AZ_1		1 - 24 Hours Active
2	AZ_2		1 - 24 Hours Active
3	Undefined		
4	Undefined		
5	Undefined		
6	Undefined		
7	Undefined		
8	Undefined		
9	Undefined		

Add Edit Delete

- **Alarm Zone**

Fill in the Alarm Zone name and description as well as configure the Arm Time Zone

Alarm Zone - Add

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | Alarm Zone Description | Simulation

No.	Name	Description	Monitor	Trigger Mode
1	Input 1		☐ No	☒ Open Trigger ☐ Close Trigger
2	Input 2		☐ No	☒ Open Trigger ☐ Close Trigger
3	Input 3		☐ No	☒ Open Trigger ☐ Close Trigger
4	Input 4		☐ No	☒ Open Trigger ☐ Close Trigger
5	Input 5		☐ No	☒ Open Trigger ☐ Close Trigger
6	Input 6		☐ No	☒ Open Trigger ☐ Close Trigger
7	Input 7		☐ No	☒ Open Trigger ☐ Close Trigger

Notes: Open Trigger - For Normally Close device Close Trigger - For Normally Open device

☒ Either point triggered to relay Output (s) ☐ All points triggered to relay Output (s)

Save and Close Save and New Cancel

- **Alarm Zone - Add**

Configure the Arm Time Zone, Monitor and Trigger Mode for Input and Output

View the Alarm Zone description

Simulate the Input/Output of the Alarm Zone

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | Alarm Zone Description | Simulation

No.	Name	Description	Monitor	Trigger Mode
1	Input 1		☒ Yes	☒ Open Trigger ☐ Close Trigger
2	Input 2		☒ Yes	☒ Open Trigger ☐ Close Trigger
3	Input 3		☒ Yes	☒ Open Trigger ☐ Close Trigger
4	Input 4		☒ Yes	☒ Open Trigger ☐ Close Trigger
5	Input 5		☐ No	☐ Open Trigger ☒ Close Trigger
6	Input 6		☐ No	☐ Open Trigger ☒ Close Trigger
7	Input 7		☐ No	☐ Open Trigger ☒ Close Trigger

Notes: Open Trigger - For Normally Close device Close Trigger - For Normally Open device

☒ Either point triggered to relay Output (s) ☐ All points triggered to relay Output (s)

Accept Cancel

- **Alarm Zone - Input**

Tick "Monitor" to enable the input monitoring

Trigger Mode:

- Open Trigger - Choose this option if connecting the normally close device
- Close Trigger - Choose this option if connecting the normally open device

"Either point triggered to relay Output (s)" - Either one of the Input can trigger all the Outputs (Logic OR)

"All point triggered to relay Output (s)" - Only all Input can trigger all the Outputs (Logic AND)

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input Output Alarm Zone Description Simulation

No.	Name	Description	Trigger	Duration (sec)
1	Output 1		☒ Yes	0
2	Output 2		☒ Yes	0
3	Output 3		☒ Yes	0
4	Output 4		☒ Yes	0
5	Output 5		☐ No	0
6	Output 6		☐ No	0
7	Output 7		☐ No	0
8	Output 8		☐ No	0

☒ Toggle OFF - Output trigger by Duration (s)
 ☐ Toggle ON - Output trigger by Associate Input (s)

Accept Cancel

- **Alarm Zone - Output**

Tick "Trigger" to enable the Output trigger

Duration - Set how long time to trigger the output

"Toggle OFF - Output trigger by Duration (s)" - Configure the output to be triggered by duration

"Toggle ON - Output trigger by Associate Input (s)" - Configure the output to be triggered by inputs

The screenshot shows a software window titled "Alarm Zone - Edit". It contains the following fields and controls:

- No.:** A numeric input field with the value "1".
- Name:** A text input field containing "AZ1".
- Description:** A text input field containing "Input1/2/3/4 --> Output1&2&3&4 (OT)".
- Arm TZ:** A text field containing the link "1 - 24 Hours Active".
- Tabbed Interface:** Below the fields are four tabs: "Input", "Output", "Alarm Zone Description" (which is selected), and "Simulation".
- Description Tab Content:** The selected tab displays a logic configuration:

```
[EITHER]
Input 1 OR
Input 2 OR
Input 3 OR
Input 4 TRIGGER
[THEN]
Output 1 AND
Output 2 AND
Output 3 AND
Output 4 TRIGGER
```
- Buttons:** At the bottom right are "Accept" and "Cancel" buttons.

- **Alarm Zone - Description**

To view the description of the configured Alarm Time Zone

Alarm Zone - Edit

No.

Name

Description

Arm TZ [1 - 24 Hours Active](#)

Input | Output | Alarm Zone Description | Simulation

Criteria	Input (s)	Logic	Action	Output (s)	Duration (sec)
[IF]	☐ Input 1	OR	[THEN]	☒ Output 1	99
	☒ Input 2	OR		☒ Output 2	99
	☐ Input 3	OR		☒ Output 3	99
	☒ Input 4			☒ Output 4	99

Alarm Triggered! Stop Simulation

Accept Cancel

- **Alarm Zone - Simulation**

To Simulate the Input and Output to check the result of the configuration

Tick "Input" to check the result of the Output

"Start Simulation" - click to start the simulation

"Stop Simulation" - click to stop the simulation

19.2 Online Transaction

Online Transaction					
Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel					
Pause Show Detail					
Date	Time	Controller	Zone	Point	Transaction
2010/02/09	14:22:57				(SG) Server Log In
2010/02/09	14:21:25	HIO8	z8	o83	(Ga) Trigger Output - Ok
2010/02/09	14:21:25	HIO8	z8	o82	(Ga) Trigger Output - Ok
2010/02/09	14:21:25	HIO8	z8	o81	(Ga) Trigger Output - Ok
2010/02/09	14:21:25	HIO8	z8	i83	(Gc) Input Triggered
2010/02/09	14:21:25	HIO8	z8	i82	(Gc) Input Triggered
2010/02/09	14:21:25	HIO8	z8	i81	(Gc) Input Triggered
2010/02/09	14:21:26	HIO7	z7	o72	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO7	z7	o71	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO5	z5	o52	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO5	z5	o51	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO4	z4	o42	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO4	z4	o41	(Ga) Trigger Output - Ok
2010/02/09	14:21:25	HIO3	z3	o32	(Ga) Trigger Output - Ok
2010/02/09	14:21:25	HIO3	z3	o31	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO2	z2	o22	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO2	z2	o21	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO1	z1	o12	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO1	z1	o11	(Ga) Trigger Output - Ok
2010/02/09	14:21:26	HIO7	z7	i72	(Gc) Input Triggered
2010/02/09	14:21:26	HIO7	z7	i71	(Gc) Input Triggered
2010/02/09	14:21:26	HIO5	z5	i52	(Gc) Input Triggered
2010/02/09	14:21:26	HIO5	z5	i51	(Gc) Input Triggered
2010/02/09	14:21:26	HIO4	z4	i42	(Gc) Input Triggered
2010/02/09	14:21:26	HIO4	z4	i41	(Gc) Input Triggered
2010/02/09	14:21:25	HIO3	z3	i32	(Gc) Input Triggered

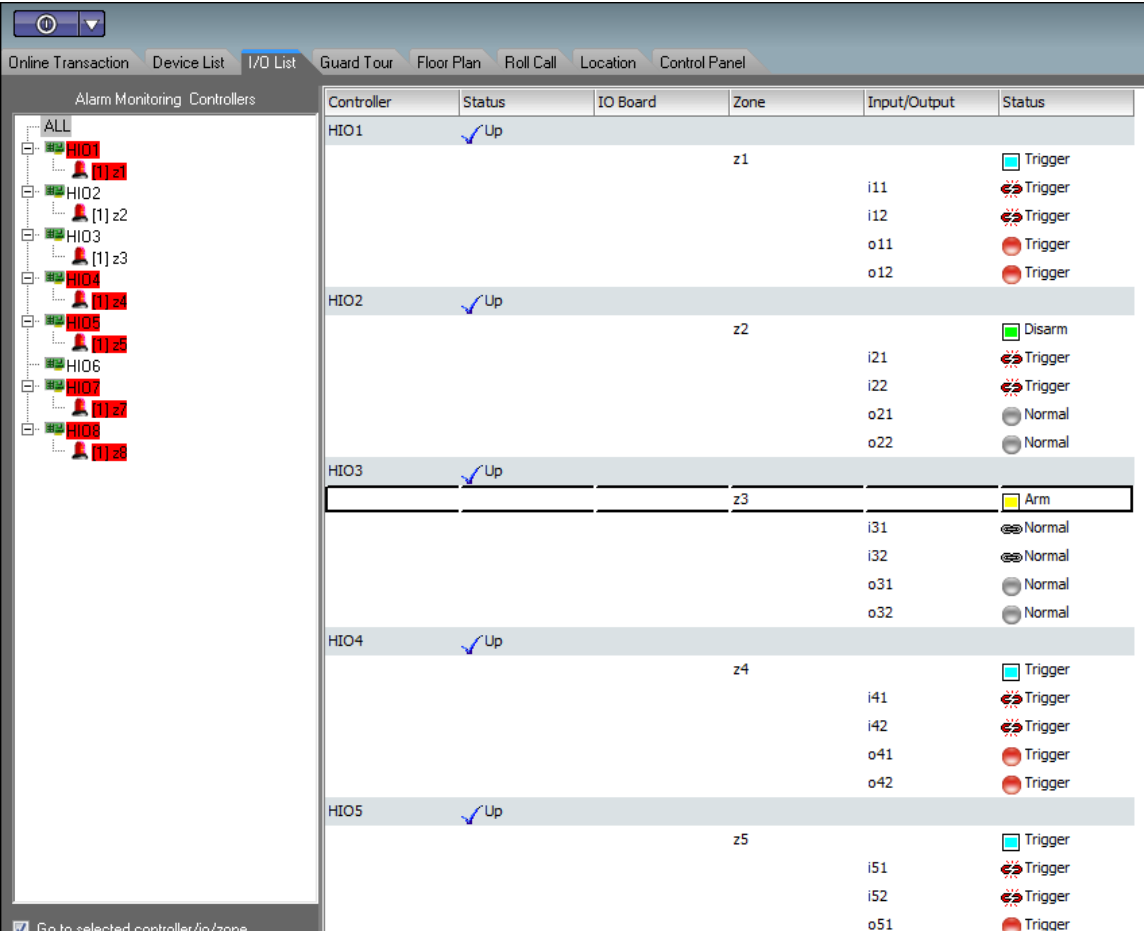
1. Zone - Display the Zone Name of the HIO
2. Point - Display the I/O Point Name of the HIO
3. Transaction - Display the Status of the HIO

19.3 Device List

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode
HIO1		✓ Up					
HIO2		✓ Up					
HIO3		✓ Up					
HIO4		✓ Up					
HIO5		✓ Up					
HIO6		✓ Up					
HIO7		✓ Up					
HIO8		✓ Up					

- Controller Name - Display the added HIO Name
- Controller Description - Display the added HIO Description
- Status - Display the status of the HIO (e.g.: Up, Down, Unknown)

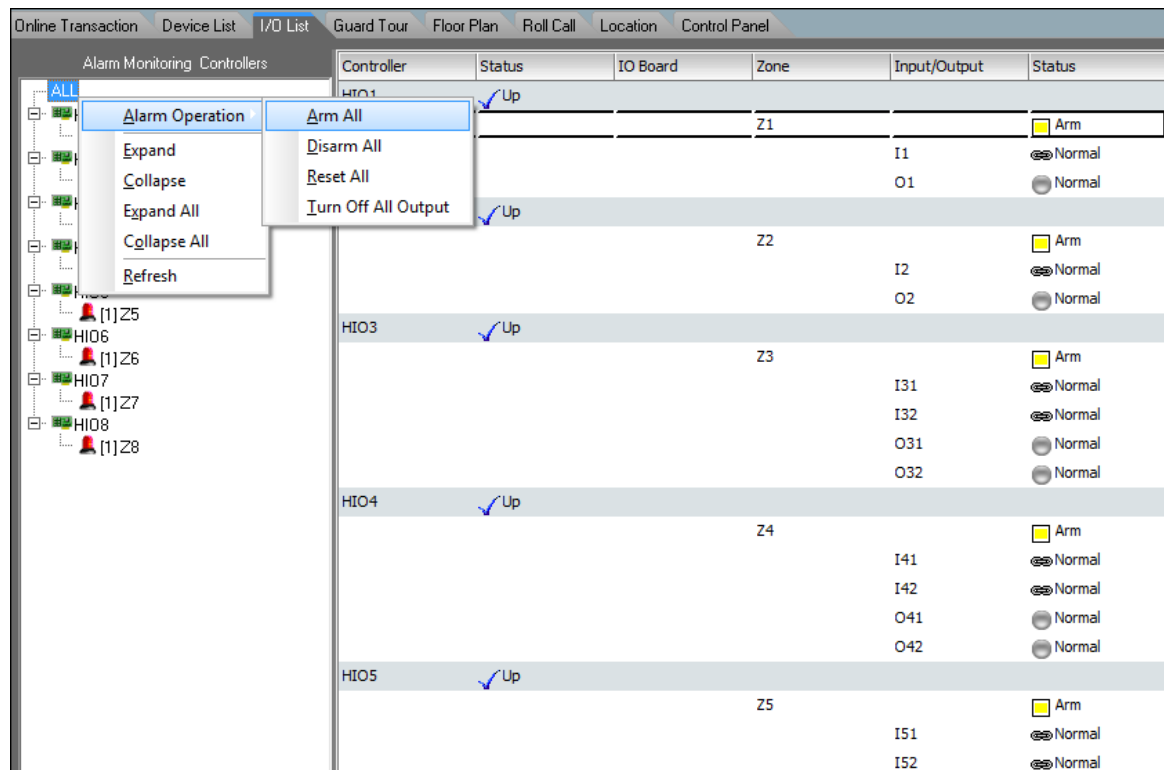
19.4 I/O List



Controller	Status	IO Board	Zone	Input/Output	Status
HIO1	✓ Up		z1		Trigger
				i11	Trigger
				i12	Trigger
				o11	Trigger
				o12	Trigger
HIO2	✓ Up		z2		Disarm
				i21	Trigger
				i22	Trigger
				o21	Normal
				o22	Normal
HIO3	✓ Up		z3		Arm
				i31	Normal
				i32	Normal
				o31	Normal
				o32	Normal
HIO4	✓ Up		z4		Trigger
				i41	Trigger
				i42	Trigger
				o41	Trigger
				o42	Trigger
HIO5	✓ Up		z5		Trigger
				i51	Trigger
				i52	Trigger
				o51	Trigger

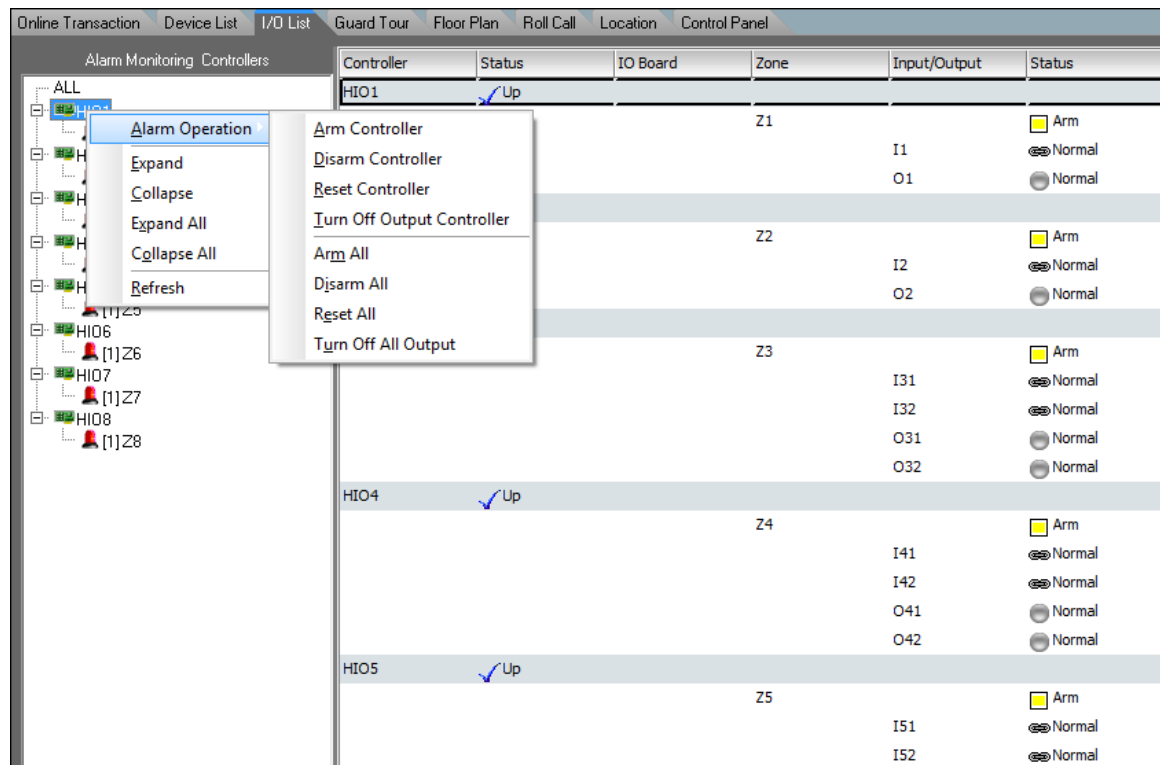
• Status Icon:

- Arm Zone:  Arm
- Disarm Zone:  Disarm
- Trigger Zone:  Trigger
- Normal Input:  Normal
- Trigger Input:  Trigger
- Normal Output:  Normal
- Trigger Output:  Trigger



Right click "ALL" of the Alarm Monitoring Controller Panel

- **Alarm Operation**
 - **Arm All**
 - *Arm all HIO controllers*
 - **Disarm All**
 - *Disarm all HIO controllers*
 - **Reset All**
 - *Reset all HIO controllers (Set Disarm to Arm)*
 - **Turn Off all Output**
 - *Turn off all Output of all HIO controllers*
- **Expand**
 - *Expand the selected Alarm Monitoring Controller's tree*
- **Collapse**
 - *Collapse the selected Alarm Monitoring Controller's tree*
- **Expand All**
 - *Expand all Alarm Monitoring Controllers' trees*
- **Collapse All**
 - *Collapse all Alarm Monitoring Controllers' trees*
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller in the Alarm Monitoring Controller Panel

- **Alarm Operation**

- **Arm Controller**

- *Arm the selected HIO controller*

- **Disarm Controller**

- *Disarm the selected HIO controller*

- **Reset Controller**

- *Reset the selected HIO controller (Set Disarm to Arm)*

- **Turn Off Output Controller**

- *Turn off the outputs of the selected HIO controller*

- **Arm All**

- *Arm all HIO controllers*

- **Disarm All**

- *Disarm all HIO controllers*

- **Reset All**

- *Reset all HIO controllers*

- **Turn Off all Output**

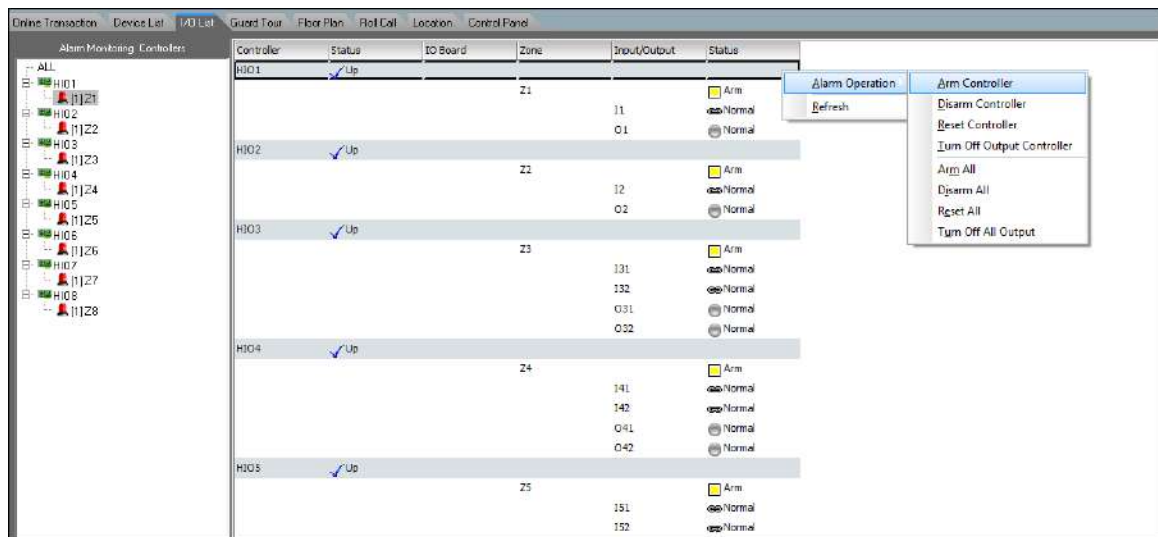
- *Turn off all Output of all HIO controllers*

- **Expand**

- *Expand the selected Alarm Monitoring Controller's tree*

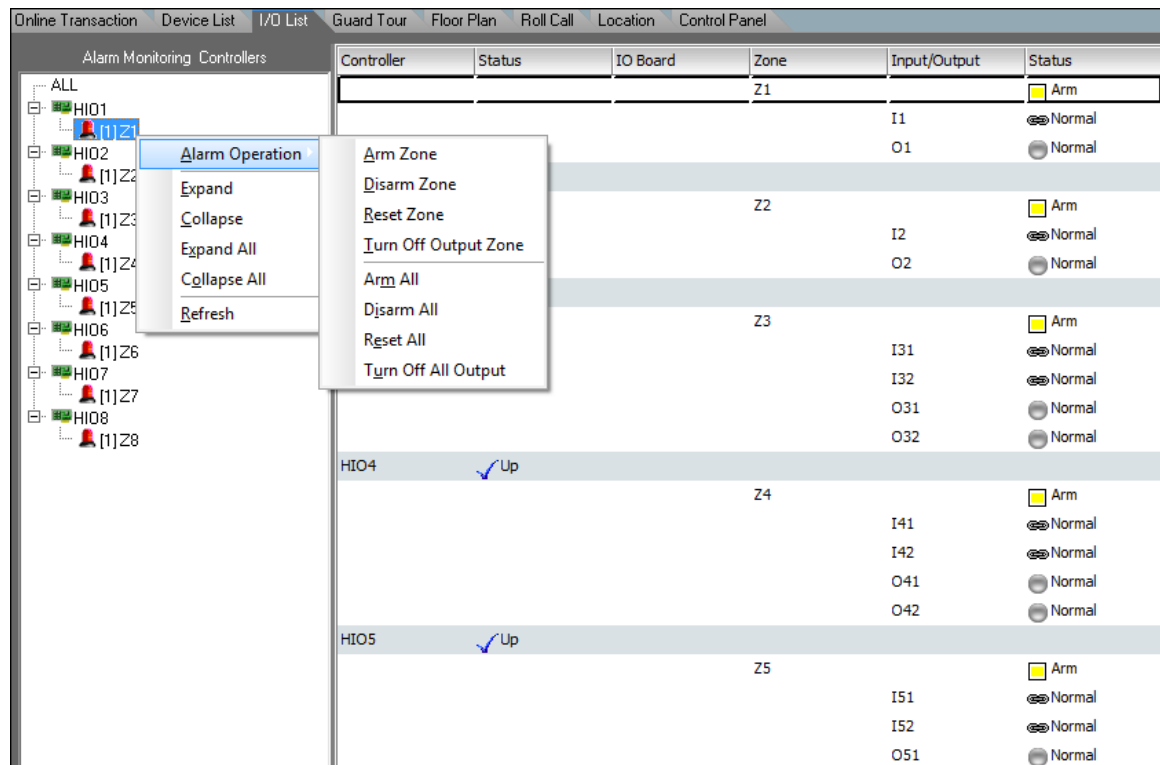
- **Collapse**

- *Collapse the selected Alarm Monitoring Controller's tree*
- **Expand All**
 - *Expand all Alarm Monitoring Controllers' trees*
- **Collapse All**
 - *Collapse all Alarm Monitoring Controllers' trees*
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller in the I/O list

- **Alarm Operation**
 - **Arm Controller**
Arm the selected HIO controller
 - **Disarm Controller**
Disarm the selected HIO controller
 - **Reset Controller**
Reset the selected HIO controller (Set Disarm to Arm)
 - **Turn Off Output Controller**
Turn off the outputs of the selected HIO controller
 - **Arm All**
Arm all HIO controllers
 - **Disarm All**
Disarm all HIO controllers
 - **Reset All**
Reset all HIO controllers
 - **Turn Off all Output**
Turn off all Output of all HIO controllers
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller's Zone in the Alarm Monitoring Controller Panel

- **Alarm Operation**

- **Arm Zone**

- *Arm the selected HIO controller's Zone*

- **Disarm Zone**

- *Disarm the selected HIO controller's Zone*

- **Reset Zone**

- *Reset the selected HIO controller's Zone (Set Disarm to Arm)*

- **Turn Off Output Zone**

- *Turn off the outputs of the selected HIO controller's Zone*

- **Arm All**

- *Arm all HIO controllers*

- **Disarm All**

- *Disarm all HIO controllers*

- **Reset All**

- *Reset all HIO controllers*

- **Turn Off all Output**

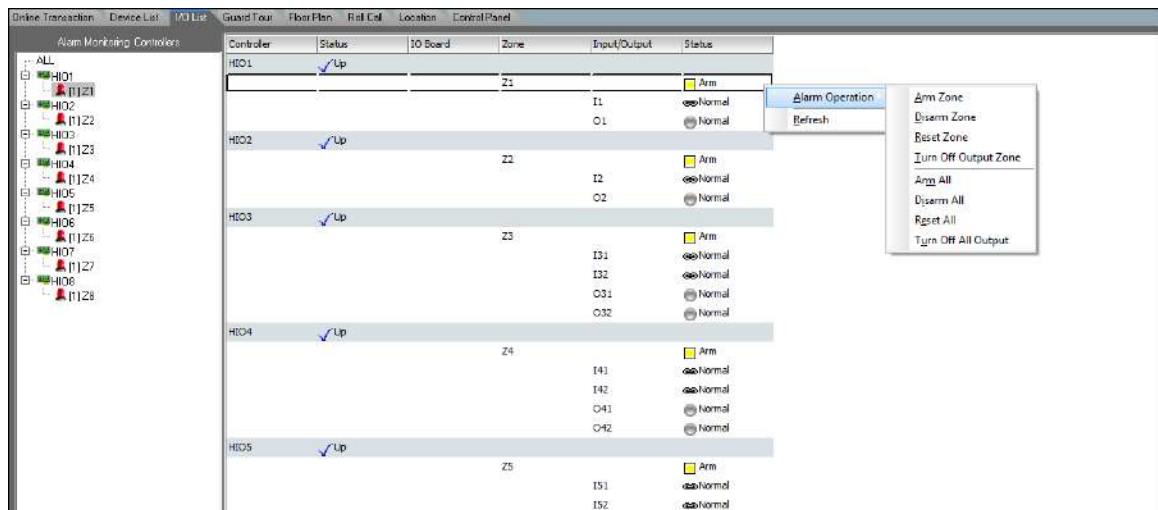
- *Turn off all Output of all HIO controllers*

- **Expand**

- *Expand the selected Alarm Monitoring Controller's tree*

- **Collapse**

- *Collapse the selected Alarm Monitoring Controller's tree*
- **Expand All**
 - *Expand all Alarm Monitoring Controllers' trees*
- **Collapse All**
 - *Collapse all Alarm Monitoring Controllers' trees*
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller's Zone in the I/O list

- **Alarm Operation**

- **Arm Zone**

- Arm the selected HIO controller's Zone

- **Disarm Zone**

- Disarm the selected HIO controller's Zone

- **Reset Zone**

- Reset the selected HIO controller's Zone (Set Disarm to Arm)

- **Turn Off Output Zone**

- Turn off the outputs of the selected HIO controller's Zone

- **Arm All**

- Arm all HIO controllers

- **Disarm All**

- Disarm all HIO controllers

- **Reset All**

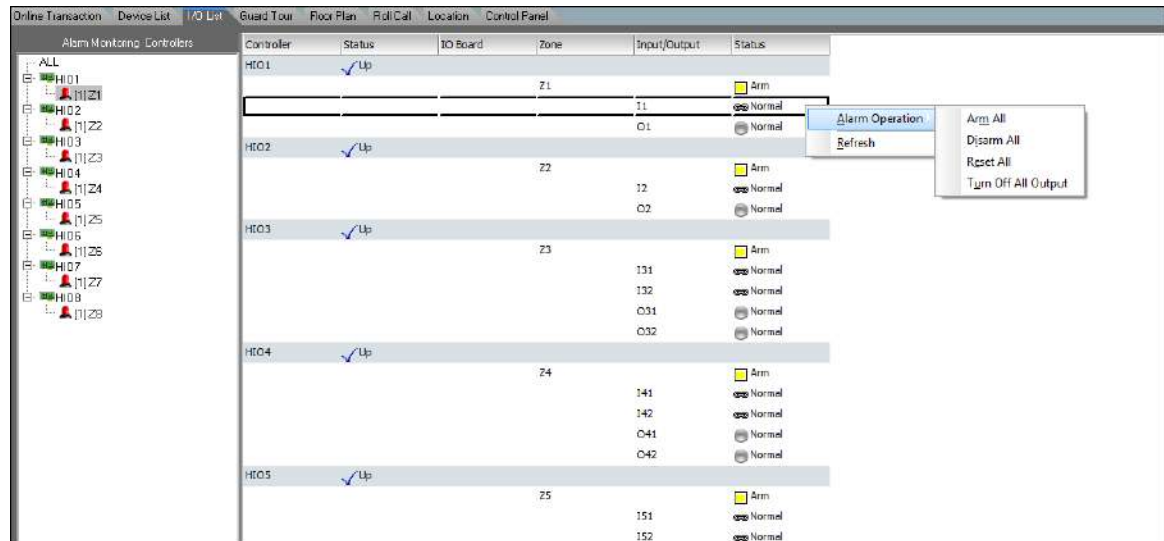
- Reset all HIO controllers

- **Turn Off all Output**

- Turn off all Output of all HIO controllers

- **Refresh**

- Refresh the Alarm Monitoring Controllers Panel



Right click the HIO controller's Input in the I/O list

- **Alarm Operation**

- **Arm All**

- *Arm all HIO controllers*

- **Disarm All**

- *Disarm all HIO controllers*

- **Reset All**

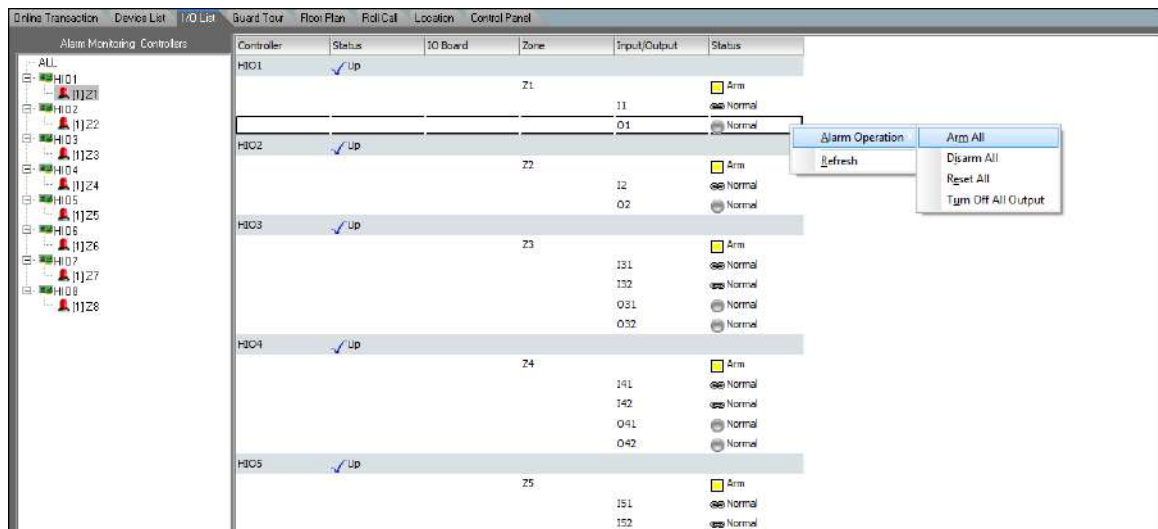
- *Reset all HIO controllers (Set Disarm to Arm)*

- **Turn Off all Output**

- *Turn off all Output of all HIO controllers*

- **Refresh**

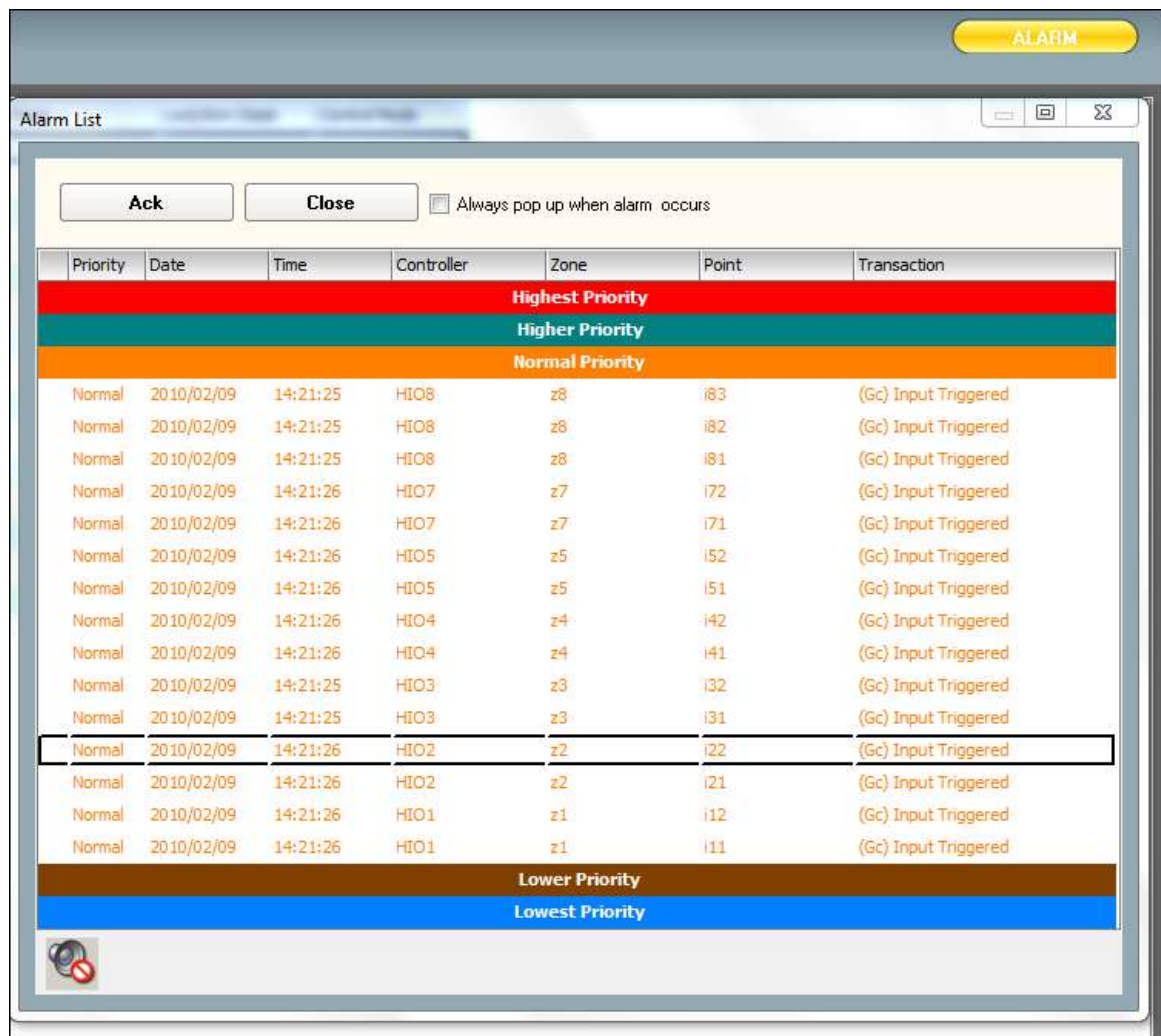
- *Refresh the Alarm Monitoring Controllers Panel*



Right click the HIO controller's Output in the I/O list

- **Alarm Operation**
 - **Arm All**
 - *Arm all HIO controllers*
 - **Disarm All**
 - *Disarm all HIO controllers*
 - **Reset All**
 - *Reset all HIO controllers (Set Disarm to Arm)*
 - **Turn Off all Output**
 - *Turn off all Output of all HIO controllers*
- **Refresh**
 - *Refresh the Alarm Monitoring Controllers Panel*

19.5 Alarm List



- Display the status of the transaction
- Double click on the alarm status/transaction to get the details

Alarm Detail

Ack **Close** ☐ Reset Zone

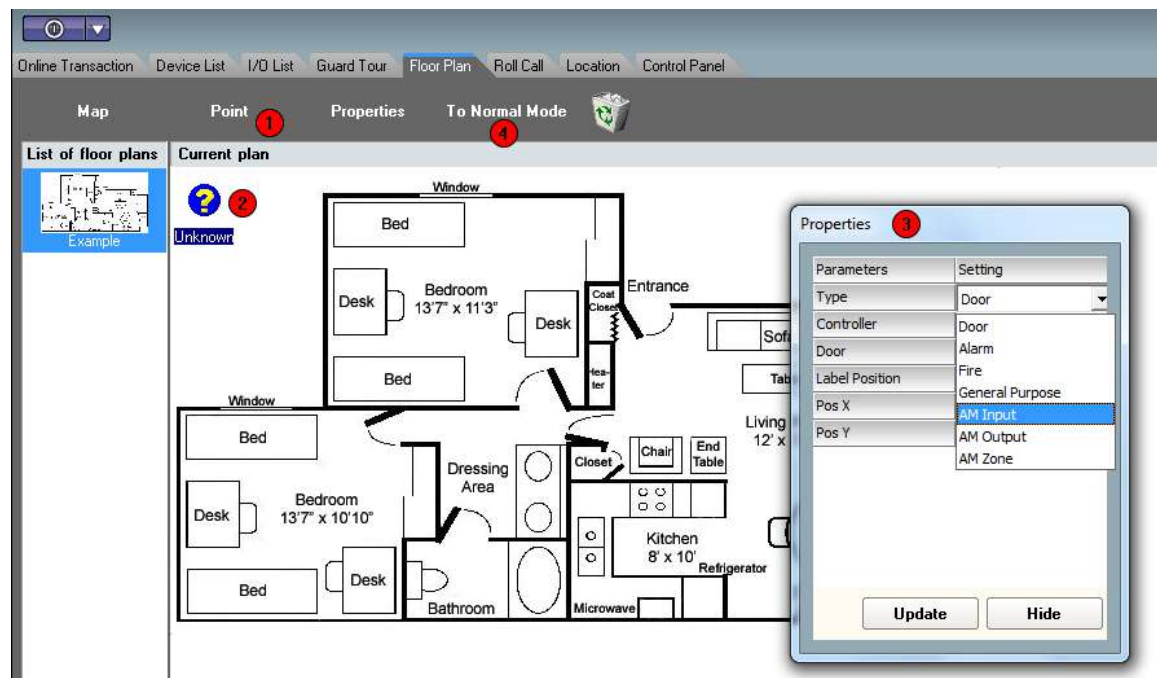
Date	2010/02/09
Time	14:21:26
Transaction	[Gc] Input Triggered
Priority	Normal
Controller	HIO2
Door/Input	
ID Board	
Zone	[1] z2
Point	[2] i22
Staff No.	
Name	
Department	
Job	
Shift	
Card No.	

Instructions | Comments

Sound
Wave File:
▶ ■ 🔊
Status:

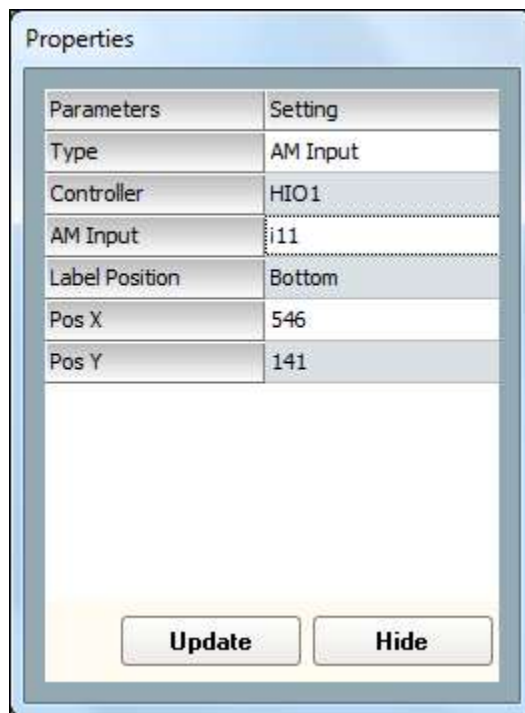
- Tick the "Reset Zone" check box and click "Ack" button to reset the HIO Zone

19.6 Floor Plan



NOTE: Please refer Chapter 5 - Floor Plan Tab for basic floor plan setting/ configuration

1. Click "Point"
2. A "Unkown Icon" will appear in the floor plan
3. In "Properties" windows
 - Click "Type" to select HIO Input, Output or Zone
 - Click "Controller" to select HIO

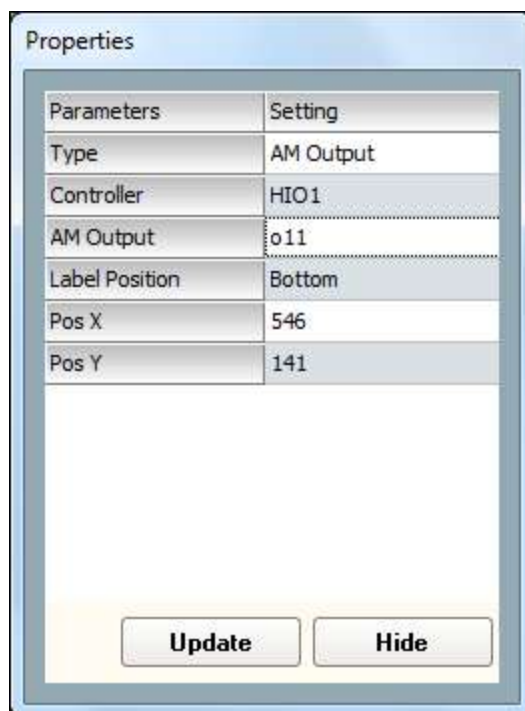


The screenshot shows a 'Properties' dialog box for HIO1. It contains a table with parameters and settings. The 'Type' is set to 'AM Input'. The 'AM Input' row is highlighted, indicating it is the selected input. The 'Label Position' is set to 'Bottom', 'Pos X' is 546, and 'Pos Y' is 141. There are 'Update' and 'Hide' buttons at the bottom.

Parameters	Setting
Type	AM Input
Controller	HIO1
AM Input	i11
Label Position	Bottom
Pos X	546
Pos Y	141

Update **Hide**

- If Type is AM Input, click the "AM Input" row to select the Input of HIO



The screenshot shows a 'Properties' dialog box for HIO1. It contains a table with parameters and settings. The 'Type' is set to 'AM Output'. The 'AM Output' row is highlighted, indicating it is the selected output. The 'Label Position' is set to 'Bottom', 'Pos X' is 546, and 'Pos Y' is 141. There are 'Update' and 'Hide' buttons at the bottom.

Parameters	Setting
Type	AM Output
Controller	HIO1
AM Output	o11
Label Position	Bottom
Pos X	546
Pos Y	141

Update **Hide**

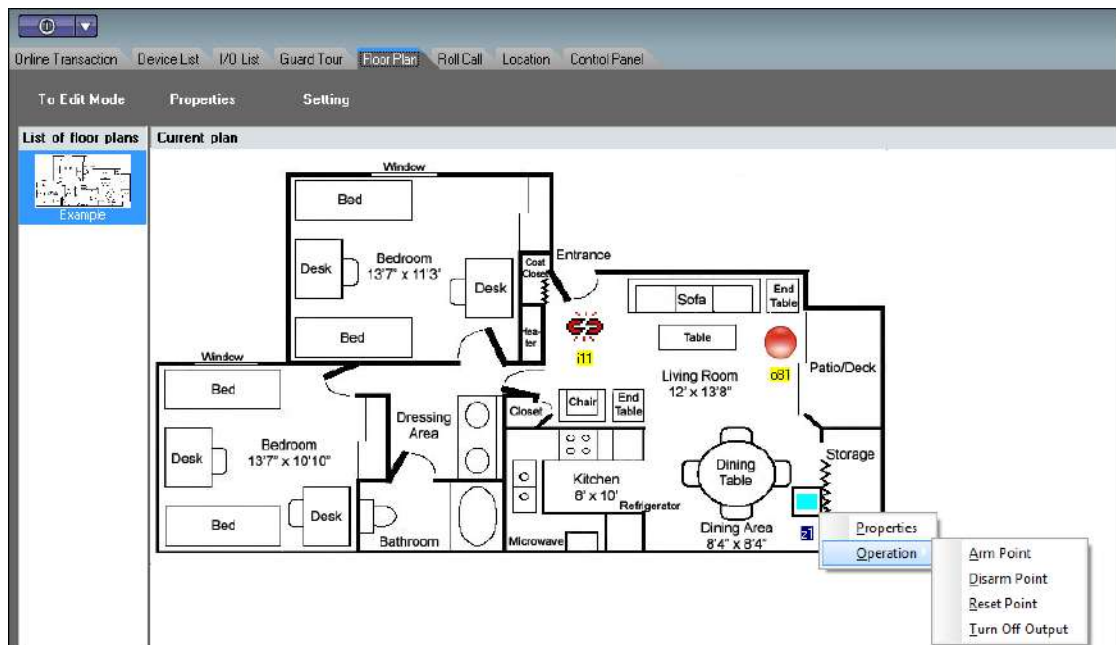
- If Type is AM Output, click the "AM Output" row to select the Output of HIO

Properties

Parameters	Setting
Type	AM Zone
Controller	HIO1
AM Zone	z1
Label Position	Bottom
Pos X	546
Pos Y	141

Update Hide

- If Type is AM Zone, click the "AM Zone" row to select the Zone of HIO
4. After finish configure the Point in the floor plan, click "To Normal Mode" to exit the configuration page



User can right click the Zone Point on the floor plan

Select "Operation" to choose the operation command to be sent to the HIO

- Arm Point
- Disarm Point
- Reset Point
- Turn Off Output

Part



20 Appendix D - L2000, L3800 Setup/Configure

Features of L2000 Lift Controller

- *Connect Up to 8 HIO with Expansion Board/Sub Lift which can cater up to 128 Floors*
- *Lift, Sub Lift, Floors status shown in Device List*
- *Time Zone Bypass for Each Floor*
- *P1 ByPass On/Off Lift Controller*
- *P1 ByPass On/Off Sublift*
- *P1 ByPass On/Off Floor*
- *P1 ByPass Reset*
- *Key Switch ByPass On/Off Lift Controller*
- *Configurable Sub Lift Name and Description*
- *Configurable Floor Name and Description*
- *Lift Report*
- *P1 Send Lift Operation*
- *Controller, Sub Lift and Floor Daily Event Report*

Features of L3800 Lift Controller

- *Connect Up to 8 HIO with expansion board and a on-board HIO, can cater totally 136 Floors*
- *Can connect up to 4 readers*
- *Can connect up to 4 Suprema Biometric devices*
- *Support multiple Wiegand format (26, 32, 34, 35. 37-Bits)*
- *Support Multi Bit Custom Wiegand format (Wiegand Group) for each reader*
- *Lift, Sub Lift, Floors status shown in Device List*
- *Time Zone Bypass for Each Floor*
- *P1 ByPass On/Off Lift Controller*
- *P1 ByPass On/Off Sublift*
- *P1 ByPass On/Off Floor*
- *P1 ByPass Reset*
- *Key Switch ByPass On/Off Lift Controller*
- *Configurable Sub Lift Name and Description*
- *Configurable Floor Name and Description*
- *Lift Report*
- *P1 Send Lift Operation*
- *Controller, Sub Lift and Floor Daily Event Report*

20.1 Device List

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode
L2C	Lift Controller	✓ Up			✓ Up	Normal	System
	SubLift1					Bypassed	User
	f1					Normal	System
	f2					Normal	System
	f3					Normal	System
	f4					Normal	System
	f5					Normal	System
	f6					Normal	System
	f7					Normal	System
	f8					Normal	System
	SubLift2	✓ Up				Normal	System
	f17					Normal	System
	f18					Normal	System
	f19					Normal	System
	f20					Normal	System
	f21					Normal	System
	f22					Normal	System
	f23					Normal	System
	f24					Normal	System
	SubLift3	✓ Up				Normal	System
	f33					Normal	System
	f34					Normal	System
	f35					Normal	System
	f36					Normal	System
	f37					Normal	System
	f38					Normal	System
	f39					Normal	System
	f40					Normal	System
	SubLift4	✓ Up				Normal	System

1. Lift Controller Status

- Up – Controller is connected with P1 Server
- Down – Controller is disconnected with P1 Server
- Unknown – Controller is in “suspend polling” mode

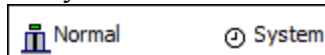
2. Sub Lift Status

- Up – Sub Lift is connected with L2000 and L3800 controller
- Down – Sub Lift is disconnected with L2000 and L3800 controller
- Unknown – Sub Lift is disconnected with the L2000 and L3800 controller

3. Lock/Arm State

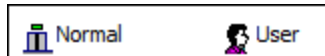
- Normal – The floor is not bypassed by valid time zone or the floor is bypassed off

- System Normal:



System

- User Normal:



User



NOTE: When the Lock/Arm State is Normal, only valid flash card will be able to access the floor



NOTE: While the floor is bypassed by valid time zone, user bypass off that floor, Time Zone Bypass will be disabled. Only Valid flash card able to access the floor

- b. Bypassed – The floor is Bypassed On by Valid Time Zone, Manually by User or Key Switch so that the floor can be access freely without flashing card

- Time Zone Bypass:  ByPassed  System
- User Bypass:  ByPassed  User
- Key Switch Bypass:  ByPassed  System



NOTE: For L2000 controller, Key Switch Bypass when IN7 and GND is shorted



NOTE: For L3800 controller, Key Switch Bypass when IN1 and GND is shorted



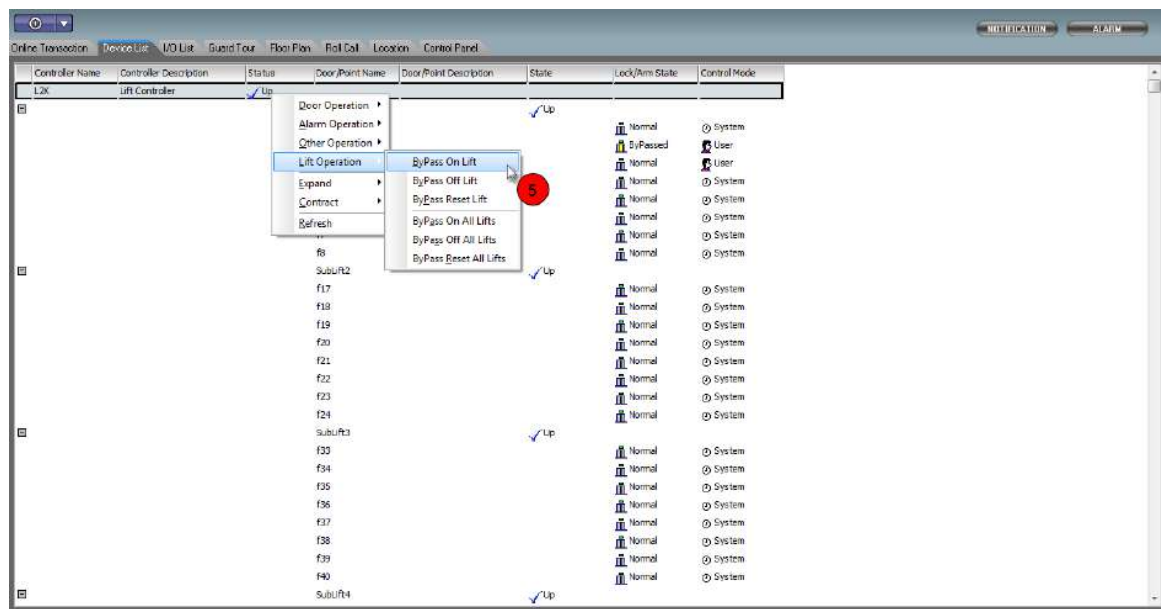
NOTE: Key Switch Bypass will not affect/change the Control Mode. It will keep the previous Control Mode when performing Bypass and return to that mode after turn off the key switch

4. Control Mode

- a. System – The Floor/Sub Lift/Lift is operate under System Mode
- Back to System Control Mode after performing "Bypass Reset Lift/Sub Lift/Floor"
 - The floor control bypass will base on the Time Zone control (Configured in Controller Setup windows)
- b. User – The Floor/Sub Lift/Lift is Bypassed ON or OFF
- Time Zone control will be ignored and user will have direct control on the floor



NOTE: If the Floor/Sub Lift/Lift is in User Control Mode and Bypassed OFF, it will disobey the Time Zone and only valid card flash able to access it.



5. Right click on the “Lift Controller”
 - a. Select “ByPass On Lift” – Manually activate all the floors under the lift
 - Ignore Time Zone Control
 - All floor will always bypass until user Bypass Off/Bypass Reset
 - All floor is in User Control Mode



NOTE: When the Lift is Bypassed On, card flashing is not required to access the Lift

- b. Select “ByPass Off Lift” – Manually Deactivate all the floor under the lift
 - Ignore Time Zone Control
 - All floor will always un-bypass until user Bypass On/Bypass Reset (Require Valid Flash Card)
 - All floor is in User Control Mode



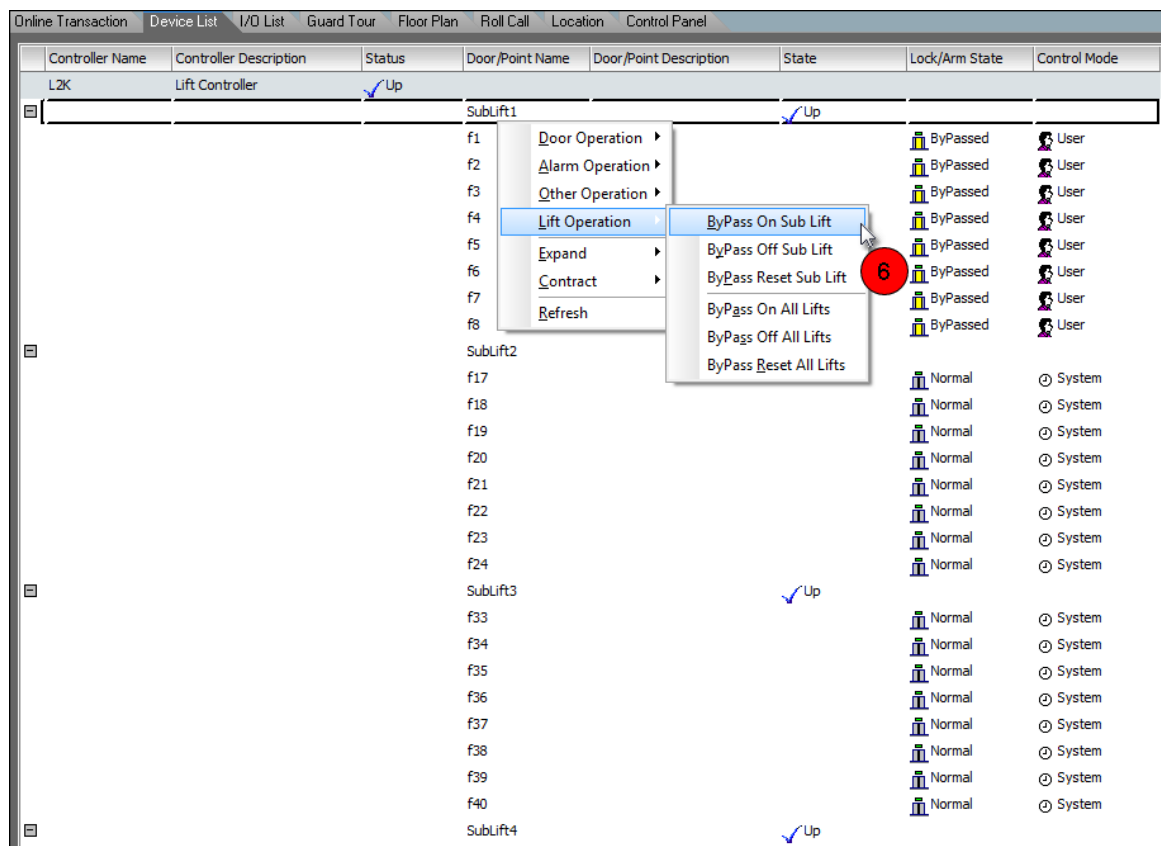
NOTE: When the Lift is Bypassed Off, card flashing is required to access the Lift

- c. Select “ByPass Reset Lift” – Change the Control Mode of the Lift from "User" to "System"
 - Obey the Time Zone Control
 - The lift will bypassed when valid time zone
 - Flash card is required to access the floors under the lift when the lift is

not bypass by time zone

- All floor is in System Control Mode

- d. Select “ByPass On All Lift” – ByPass On all the lift controller connected to P1 Server
- e. Select “ByPass Off All Lift” – ByPass Off all the lift controller connected to P1 Server
- f. Select “ByPass Reset All Lift” – ByPass Reset all the lift controller connected to P1 Server
- g. Select “Expand” > “Expand All” – Expand all the Lift, Sub lifts and Floors in the Device List
- h. Select “Contract” > “Contract All” – Contract all the expanded Lift, Sub lifts and Floors in the Device List



6. Right click on the “Sub Lift”

- a. Select “ByPass On Sub Lift”
- Ignore Time Zone Control
 - All floors of the Sub Lift will always bypass until user Bypass Off/ Bypass Reset
 - All floors of the Sub Lift is in User Control Mode



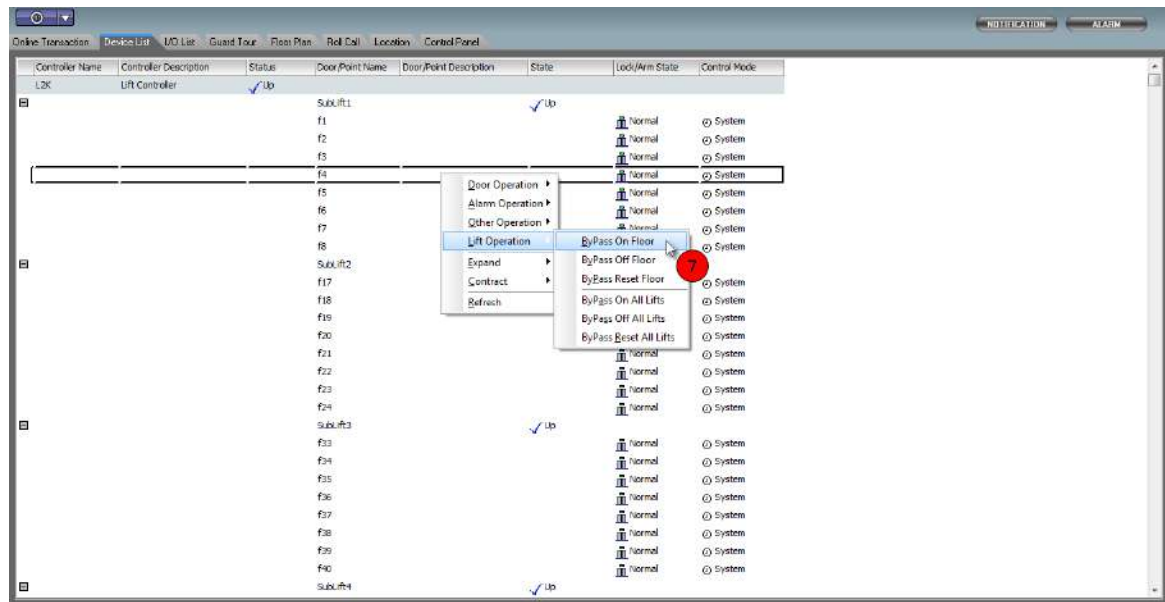
NOTE: When the Sub Lift is Bypassed On, card flashing is not required to access the Lift

- b. Select “ByPass Off Sub Lift”
- Ignore Time Zone Control
 - All floors of the sub lift will always un-bypass until user Bypass On/ Bypass Reset (Require Valid Flash Card)
 - All floors of the sub lift is in User Control Mode



NOTE: When the Sub Lift is Bypassed Off, card flashing is required to access the Sub Lift

- c. Select “ByPass Reset Sub Lift” – Change the Control Mode of the Sub Lift from "User" to "System"
- Obey the Time Zone Control
 - The Sub Lift will be bypassed when valid time zone
 - Flash card is required to access the floors under the sub lift when the sub lift is not bypass by time zone
 - All floors of the sub lift is in System Control Mode
- d. Select “Expand” > “Expand” – Expand the selected Sub Lift
- e. Select “Expand” > “Expand All” – Expand all the Sub Lifts and Floors
- f. Select “Contract” > “Contract” – Contract the selected Sub Lifts and Floors
- g. Select “Contract” > “Contract All” – Contract all the Sub Lifts and Floors



7. Right click on the “Floor”

a. Select “ByPass On Floor”

- Ignore Time Zone Control
- The floor will always bypass until user Bypass Off/Bypass Reset
- The floor of the Sub Lift is in User Control Mode



NOTE: When the Floor is Bypassed On, card flashing is not required to access the Floor

b. Select “ByPass Off Floor”

- Ignore Time Zone Control
- The floor of the Floor will always un-bypass until user Bypass On/Bypass Reset (Require Valid Flash Card)
- The floor of the Floor is in User Control Mode



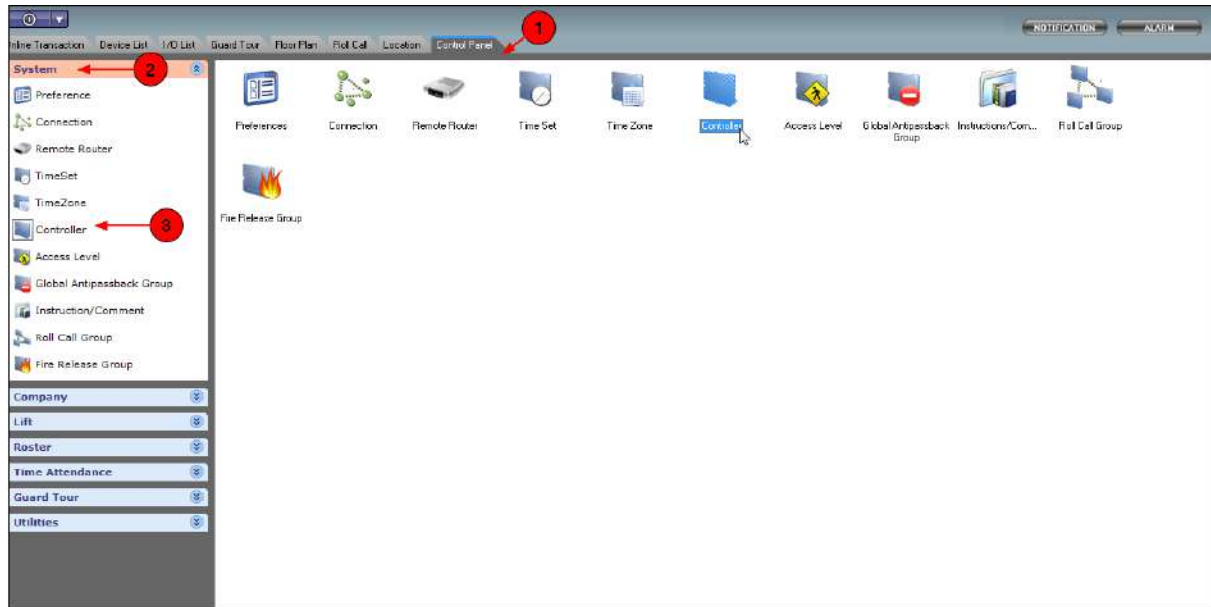
NOTE: When the Floor is Bypassed Off, card flashing is required to access the Floor

c. Select “ByPass Reset Floor” – Change the Control Mode of the Sub Lift from “User” to “System”

- Obey the Time Zone Control
- The floor will be bypassed when valid time zone
- Flash card is required to access the floors when the floor is not bypass by time zone

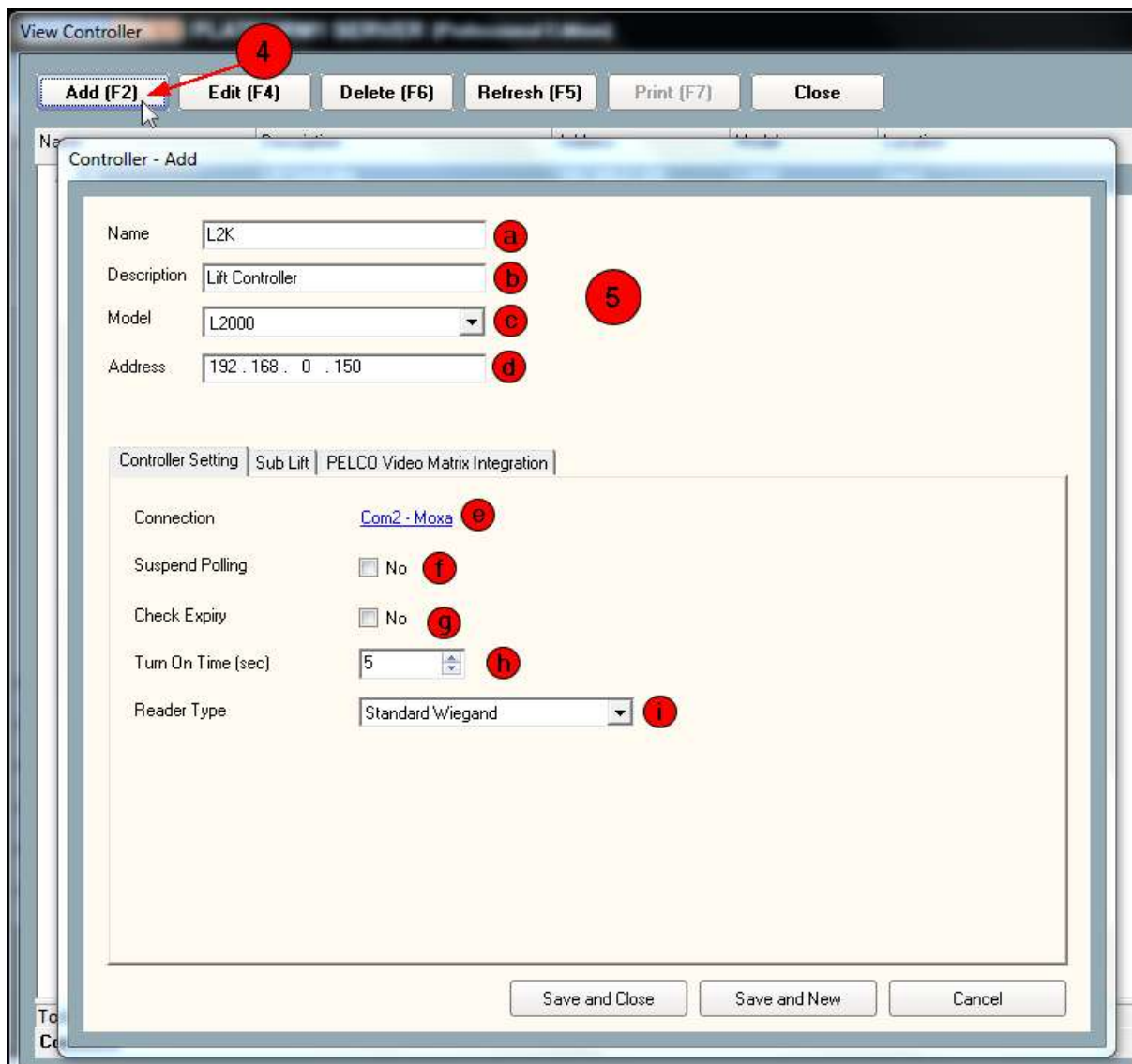
- The floor is in System Control Mode
- d. Select “Expand” > “Expand All” – Expand all the Floors
- e. Select “Contract” > “Contract” – Contract all the Floors under a specific Sub Lift
- f. Select “Contract” > “Contract All” – Contract all the Floors under a specific Lift

20.2 Add Controller



Adding L2000 Controller:

1. Select “Control Panel”
2. Select “System”
3. Select “Controller” and proceed to “View Controller” Windows



4. Select “Add”
5. “Controller – Add” Windows Pop Out
 - a. Fill in Name
 - b. Fill in Description (Optional)
 - c. Select Model “L2000”
 - d. Fill in Address (e.g.: 192.168.0.100)
 - e. Choose Connection (e.g.: Comm. Port 1)
 - f. Tick “Suspend Polling” if need to temporary suspend the communication among

P1 and Controller

- g. Tick “Check Expiry” if need to block expired card holder’s entry
- h. Turn On Time (Sec) – Configure the turn on time of the output after flash card
- i. Reader Type – Configure the type of reader which connected to the controller

Controller - Add

Name: L2K
 Description: Lift Controller
 Model: L2000
 Address: 192.168.0.150

Controller Setting | **Sub Lift** | PELCO Video Matrix Integration

Sub Lift 1 | Sub Lift 2 | Sub Lift 3 | Sub Lift 4 | Sub Lift 5 | Sub Lift 6 | Sub Lift 7 | Sub Lift 8

☒ Enabled

Name: SubLift1 Description: SL1

Floor Index	Enabled	Floor Name	Floor Description	ByPass TZ
1	☒ Yes	f1	1	0 - Not Active
2	☒ Yes	f2	2	1 - 24 Hours Active
3	☒ Yes	f3	3	0 - Not Active
4	☒ Yes	f4	4	1 - 24 Hours Active
5	☒ Yes	f5	5	0 - Not Active
6	☐ No			
7	☐ No			
8	☐ No			

Save and Close | Save and New | Cancel

6. Select “Sub Lift”

7. Tick “Enabled” to activate Sub Lift (e.g.: Sub Lift 1)



NOTE: Only Enabled Sub Lift will appear in Device List and functional

8. Fill in the "Name" and "Description" of the Sub Lift



NOTE: User can only fill in the name and description of the Sub Lift after enable it



NOTE: User must fill in the Sub Lift Name while Sub Lift Description is optional

9. Tick "Enabled" to activate the floor



NOTE: Only Enabled floor will appear in Device List and functional

10. Fill in the "Name" and "Description" of the floor



NOTE: User can only fill in the name and description of the floor after enable it

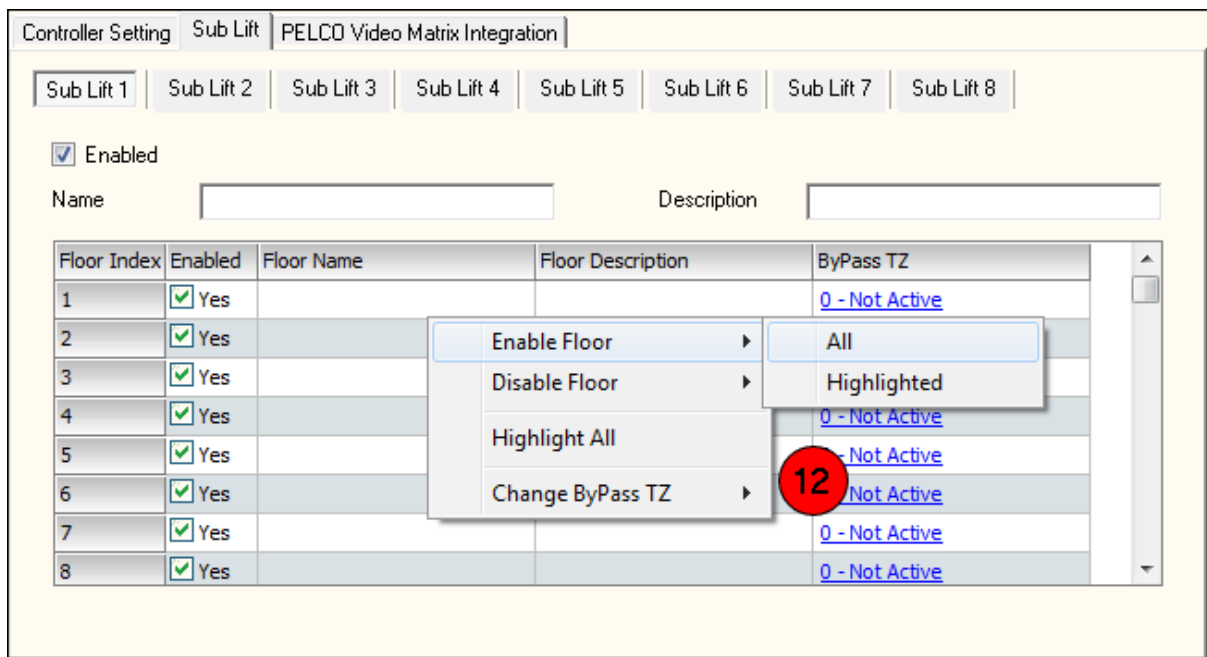


NOTE: User must fill in the Floor Name while Floor Description is optional



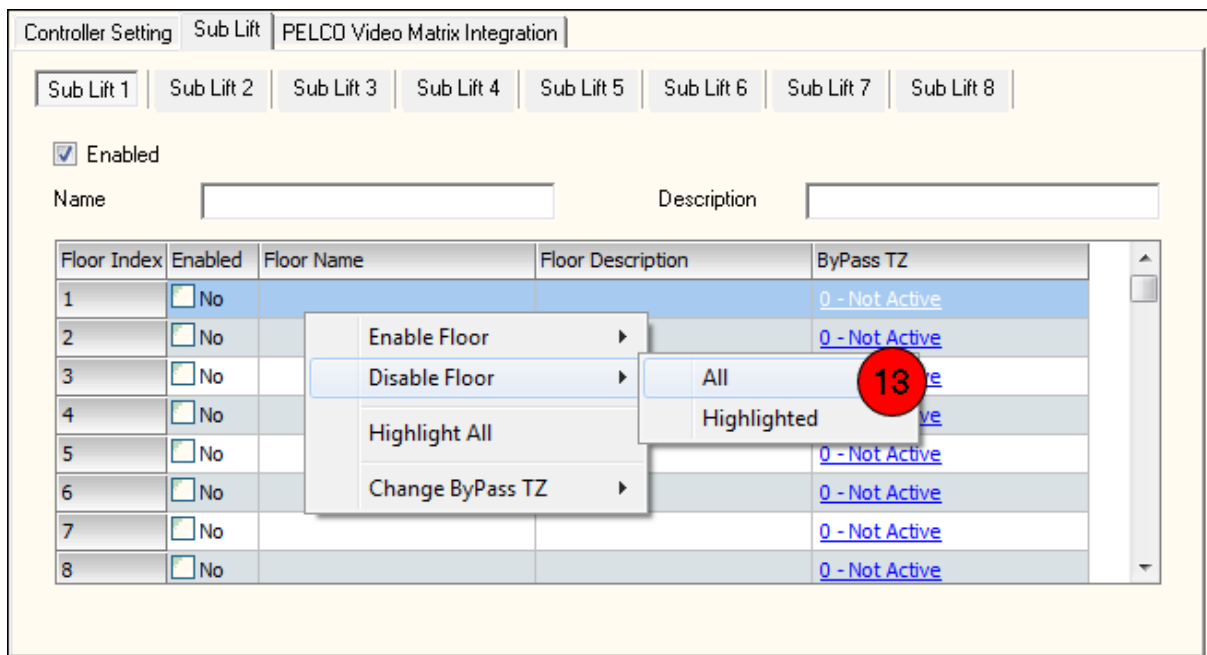
NOTE: User can press "Enter" to select next row/column of the Floor Name and Description

11. Left click on the "Time Zone Hyperlink" to change the "Bypass TZ" of the floor



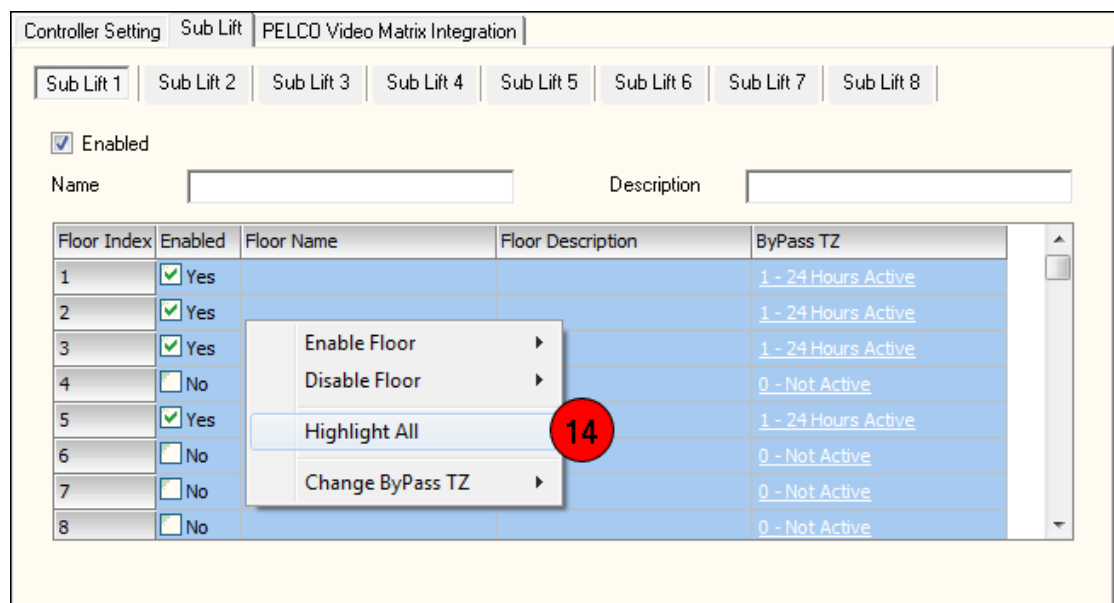
12. To enable the floor

- a. Right click on any floor, select "Enable Floor" and select "All"
 - This will enable all floors of the sub lift
- b. Highlight the floors by holding "Ctrl" and right click, then right click and select "Enable Floor", select "Highlighted"
 - This will enable all highlighted floors

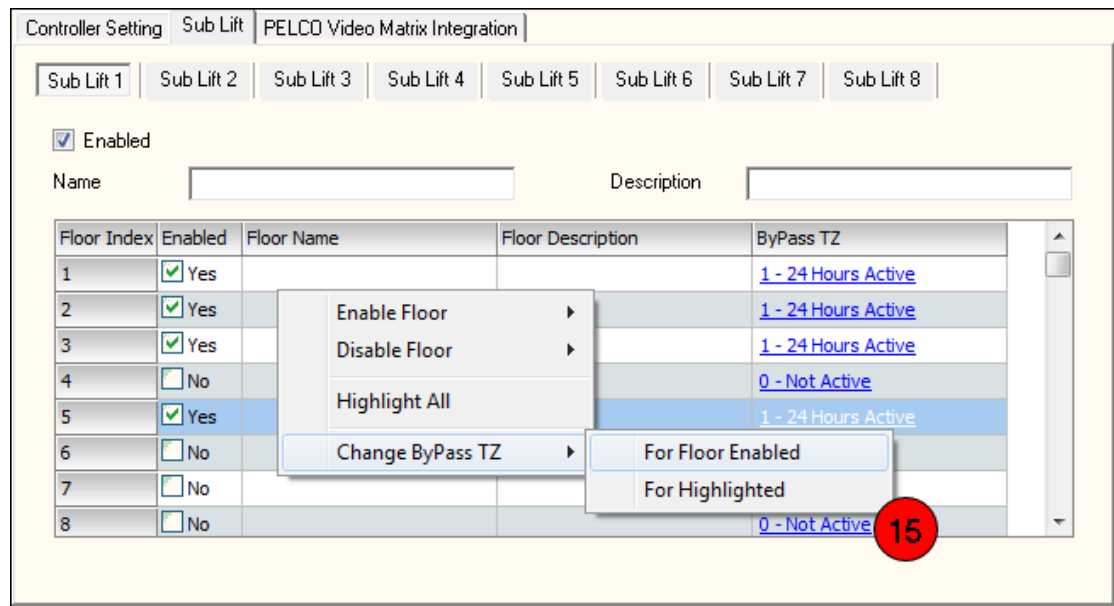


13. To disable the floor

- Right click on any floor, select "Disable Floor" and select "All"
 - This will disable all enabled floors of the sub lift
- Highlight the floors by holding "Ctrl" and right click, then right click and select "Disable Floor", select "Highlighted"
 - This will disable all highlighted floors



14. To highlight all floors
Right click on any floor, select "Highlight All"



15. To change ByPass Time Zone, right click at any floor, select "Change ByPass TZ"
- "For Floor Enabled" – Change the Time Zone of all enabled floors
 - "For Highlighted" – Change the Time Zone of highlighted only floor
 - Alternative: Click the "Time Zone Hyperlink" (e.g.: 0-Not Active) to enter the "View Time Zone" Windows

Adding L3800 Controller:

1. Select “Control Panel”
2. Select “System”
3. Select “Controller” and proceed to “View Controller” Windows

The screenshot shows the 'View Controller' window with the 'Controller - Add' dialog open. The dialog contains the following fields and options:

- Name:** L3800 (labeled 'a')
- Description:** (empty) (labeled 'b')
- Model:** EL-800-10K (labeled 'c')
- Address:** 255 . 255 . 255 . 1 (labeled 'd')

Below the fields are tabs: **Controller Setting**, **Sub Lift**, **PELCO Video Matrix Integration**, **Fingerprint**, and **Lift Reader**. The 'Controller Setting' tab is active and contains:

- Connection:** Comm1 - Moxa (labeled 'e')
- Suspend Polling:** ☐ No (labeled 'f')
- Check Expiry:** ☐ No (labeled 'g')
- Turn On Time (sec):** 10 (labeled 'h')

At the bottom of the dialog are buttons: **Save and Close**, **Save and New**, and **Cancel**. A large red circle with the number **5** is positioned in the center of the dialog. A red arrow points to the **Add (F2)** button in the 'View Controller' window, which is labeled with a red circle containing the number **4**.

4. Select “Add”
5. “Controller – Add” Windows Pop Out

- a. Fill in Name
- b. Fill in Description (Optional)
- c. Select Model “L3800”
- d. Fill in Address (e.g.: 255.255.255.1)
- e. Choose Connection (e.g.: Comm. Port 1)
- f. Tick “Suspend Polling” if need to temporary suspend the communication among P1 and Controller
- g. Tick “Check Expiry” if need to block expired card holder’s entry
- h. Turn On Time (Sec) – Configure the turn on time of the output after flash card

View Controller

Controller - Add

Name: L3800

Description:

Model: EL-800-10K

Address: 255 . 255 . 255 . 1

Controller Setting | **Sub Lift** | PELCO Video Matrix Integration | Fingerprint | Lift Reader

On-Board | Sub Lift 1 | Sub Lift 2 | Sub Lift 3 | Sub Lift 4 | Sub Lift 5 | Sub Lift 6 | Sub Lift 7 | Sub Lift 8

☒ Enabled

Name: SL01 Description: Floor 9 to 24

Floor Index	Enabled	Floor Name	Floor Description	ByPass TZ
9	☒ Yes			1 - 24 Hours Active
10	☒ Yes			2 - Day Time
11	☐ No			
12	☒ Yes			4 - Night Time
13	☒ Yes			3 - Office Hr
14	☐ No			
15	☐ No			
16	☐ No			

Save and Close Save and New Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

6. Select "Sub Lift"

7. Tick "Enabled" to activate Sub Lift (e.g.: Sub Lift 1)



NOTE: On-board Sub Lift is pre-enabled



NOTE: Only Enabled Sub Lift will appear in Device List and functional

8. Fill in the "Name" and "Description" of the Sub Lift



NOTE: User can only fill in the name and description of the Sub Lift after enable it



NOTE: User must fill in the Sub Lift Name while Sub Lift Description is optional

9. Tick “Enabled” to activate the floor



NOTE: Only Enabled floor will appear in Device List and functional

10. Fill in the “Name” and "Description" of the floor



NOTE: User can only fill in the name and description of the floor after enable it



NOTE: User must fill in the Floor Name while Floor Description is optional



NOTE: User can press "Enter" to select next row/column of the Floor Name and Description

11. Left click on the "Time Zone Hyperlink" to change the "Bypass TZ" of the floor

Controller Setting | Sub Lift | PELCO Video Matrix Integration | Fingerprint | Lift Reader

On-Board | Sub Lift 1 | Sub Lift 2 | Sub Lift 3 | Sub Lift 4 | Sub Lift 5 | Sub Lift 6 | Sub Lift 7 | Sub Lift 8

☒ Enabled

Name: SL01 Description: HIO 1

Floor Index	Enabled	Floor Name	Floor Description	ByPass TZ
9	☒ Yes			0 - Not Active
10	☒ Yes			0 - Not Active
11	☒ Yes			0 - Not Active
12	☒ Yes			0 - Not Active
13	☒ Yes			0 - Not Active
14	☒ Yes			0 - Not Active
15	☒ Yes			0 - Not Active
16	☒ Yes			0 - Not Active

Context menu options:

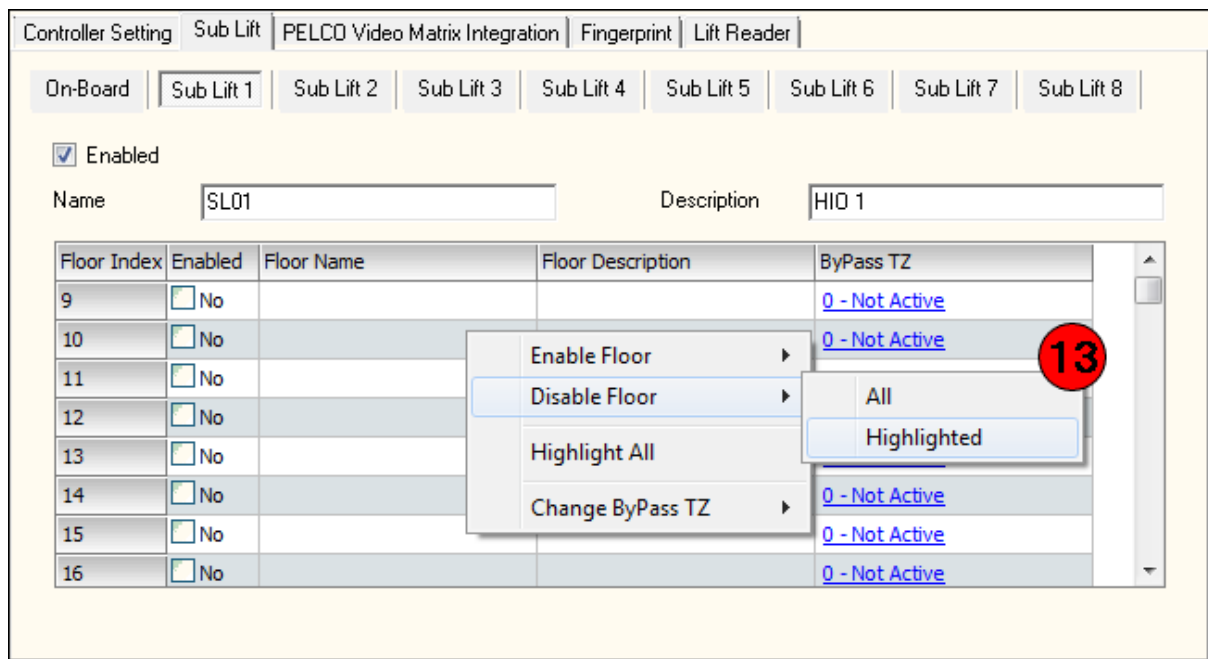
- Enable Floor
 - All
 - Highlighted
- Disable Floor
 - Highlighted
- Highlight All
- Change ByPass TZ

12

12. To enable the floor

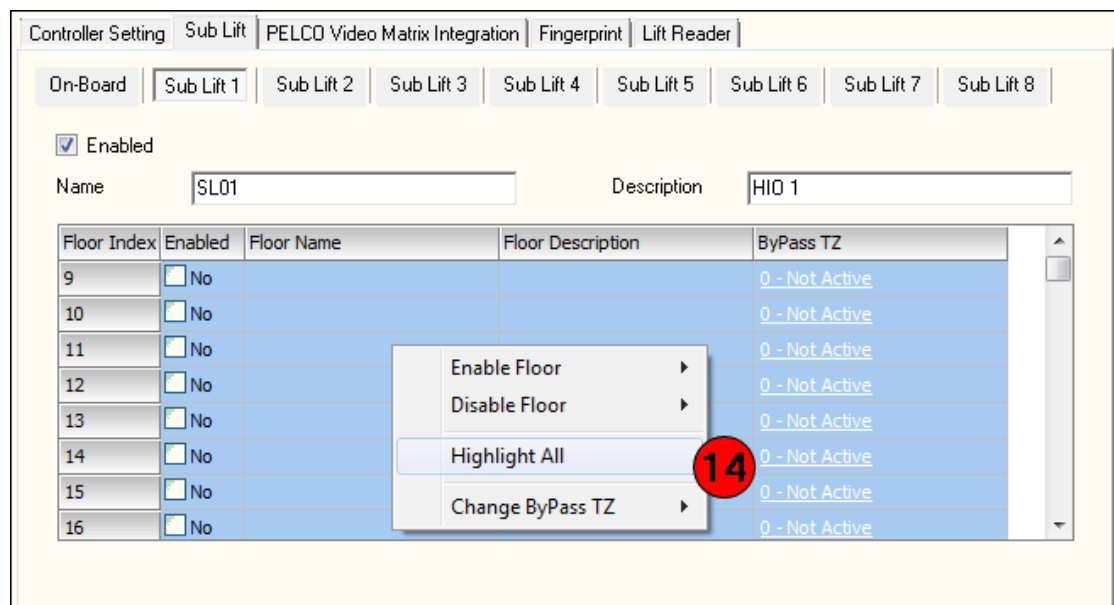
- a. Right click on any floor, select "Enable Floor" and select "All"
- This will enable all floors of the sub lift

- b. Highlight the floors by holding "Ctrl" and right click, then right click and select "Enable Floor", select "Highlighted"
- This will enable all highlighted floors



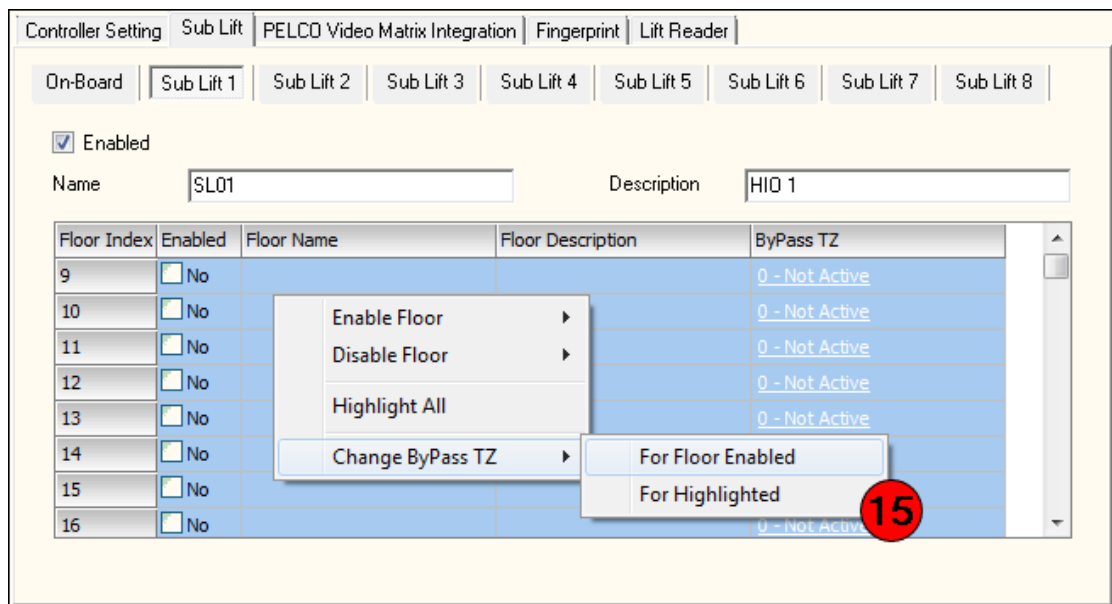
13. To disable the floor

- Right click on any floor, select "Disable Floor" and select "All"
- This will disable all enabled floors of the sub lift
- Highlight the floors by holding "Ctrl" and right click, then right click and select "Disable Floor", select "Highlighted"
- This will disable all highlighted floors



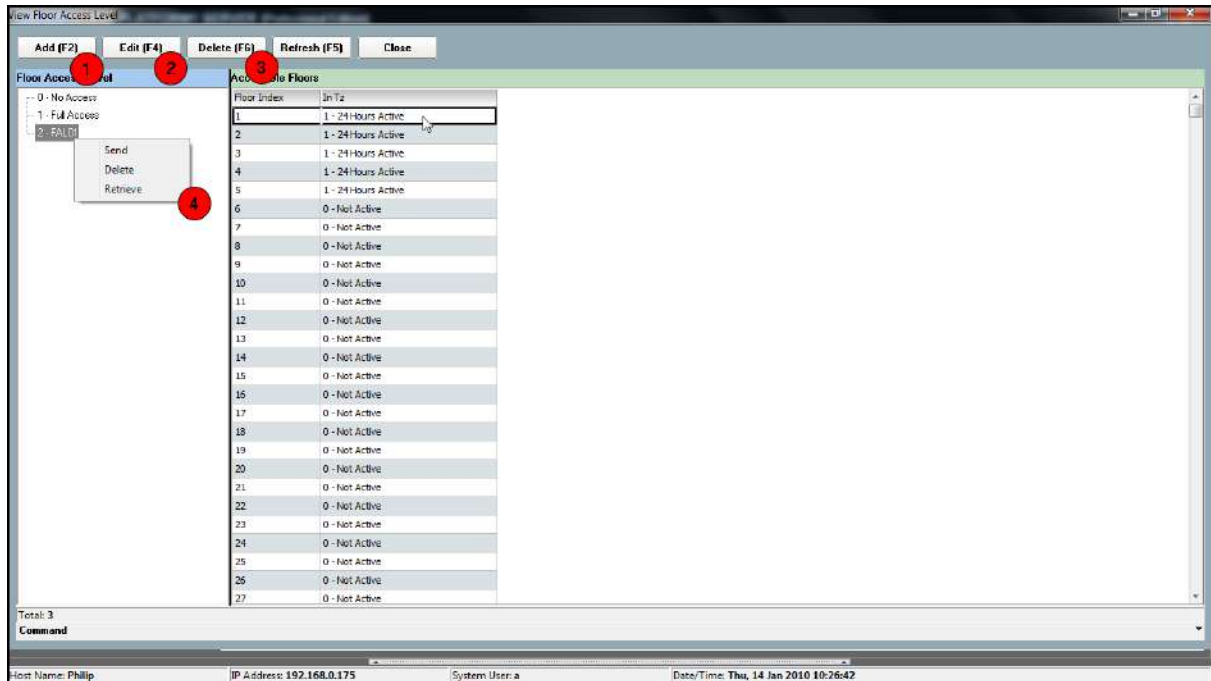
14. To highlight all floors

- a. Right click on any floor, select "Highlight All"



15. To change ByPass Time Zone, right click at any floor, select "Change ByPass TZ"
- "For Floor Enabled" – Change the Time Zone of all enabled floors
 - "For Highlighted" – Change the Time Zone of highlighted only floor
 - Alternative: Click the "Time Zone Hyperlink" (e.g.: 0-Not Active) to enter the "View Time Zone" Windows

20.3 Floor Access



1. Add – Add a new “Floor Access Level” into database
2. Edit – Edit the added “Floor Access Level” in database
3. Delete – Delete the added “Floor Access Level” from database
4. Command
 - a. Send – Send the "Floor Access Level Database" to the controller
 - b. Delete – Delete the "Floor Access Level" in controller



NOTE: This will not delete the P1 Database of Floor Access Level, only delete the Database of Floor Access Level in the Controller.

- c. Retrieve – Retrieve the "Floor Access Level" setting from controller

Floor Access Level - Add:

Floor Acc Lev - Add

Name 1

Description

Accessible Floors

Floor Index	In Time Zone
1	1 - 24 Hours Active
2	1 - 24 Hours Active
3	1 - 24 Hours Active
4	1 - 24 Hours Active 2
5	1 - 24 Hours Active
6	1 - 24 Hours Active
7	1 - 24 Hours Active
8	1 - 24 Hours Active
9	1 - 24 Hours Active
10	0 - Not Active
11	0 - Not Active
12	0 - Not Active
13	0 - Not Active
14	0 - Not Active
15	0 - Not Active
16	0 - Not Active
17	0 - Not Active

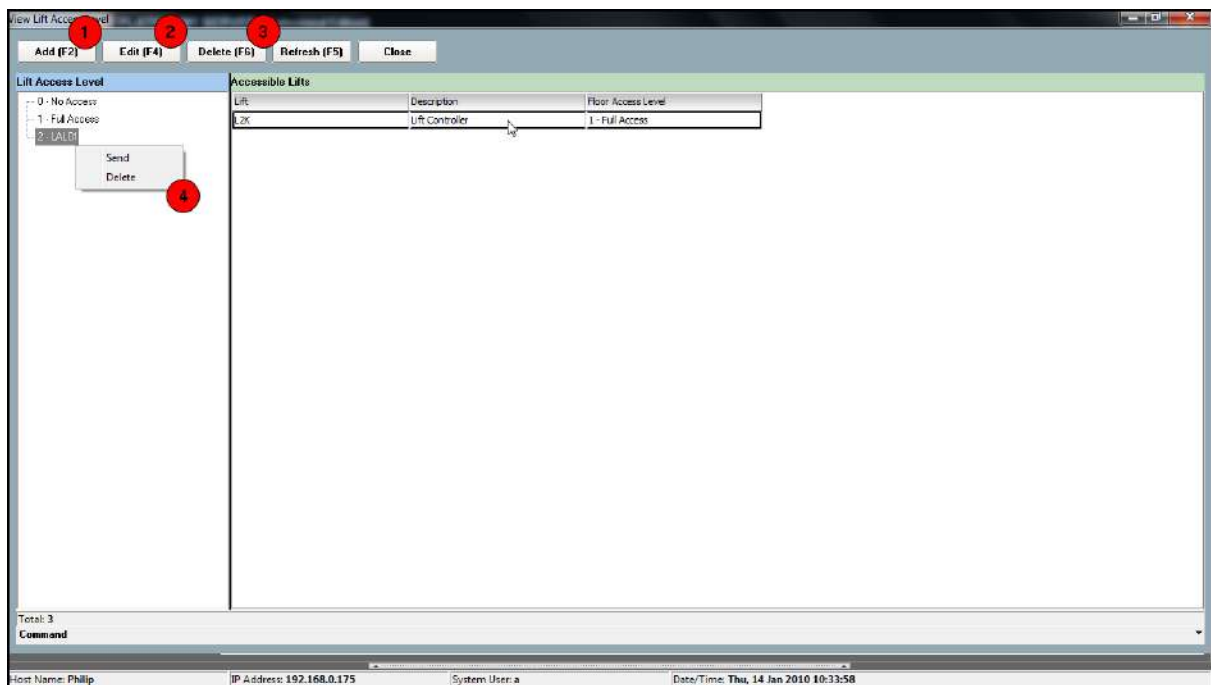
Change Time Zone for ☐ All ☒ Highlighted to [1 - 24 Hours Active](#) 3

4

1. Name and Description
 - a. Label the "Floor Access Level"
 - b. Name is "Number" of "Floor Access Level"
2. Accessible Floor
 - a. Configure the floor accessibility by Time Zone
 - b. Left click on "Time Zone Link" (e.g.: 0-Not Active) to change Time Zone

3. Change Time Zone
 - a. Select “All” – Change all floor to specific Time Zone
 - b. Select “Highlighted” – Change the highlighted floor to specific Time Zone
 - c. Click "Time Zone Link" (e.g.: 0-Not Active) to change Time Zone
 - d. Click “Change” to change the Time Zone of the floor
4. Save
 - a. Save and Close – Save the setting and close the “Floor Access Level – Add” windows
 - b. Save and New – Save the current setting and open a new “Floor Access Level – Add” windows to proceed with new Floor Access Level setup

20.4 Lift Access



1. Add – Add a new “Lift Access Level” into database
2. Edit – Edit the added “Lift Access Level” in database
3. Delete – Delete the added “Lift Access Level” from database
4. Command
 - a. Send – Send the "Lift Access Level" database to the controller

- b. Delete – Delete the "Lift Access Level" in controller (Note: This will not delete the database of Lift Access Level)



NOTE: This will not delete the P1 Database of Lift Access Level

Lift Access Level - Add

Name: 5

Description:

Lift	Description	Floor Access Level

Accessible Lift (Total: 0)

7

[2 - FAL01](#)

Lift	Description
L2K	Lift Controller

6

Available Lift (Total: 1)

5. Name and Description
 - a. Label the "Lift Access Level"
 - b. Name is "Number" of "Lift Access Level"
6. Select the desire Lift Controller
7. Add Floor Access Level

- a. "Add" – Add a single controller
- b. "Add All" – Add all controller in database

Lift Access Level - Add

Name: 3

Description: LAL02

Lift	Description	Floor Access Level
L2K	Lift Controller	2 - FAL01

Accessible Lift (Total: 1)

Add Add All Remove Remove All Change All Floor Acc Lev 0 - No Access

Lift	Description

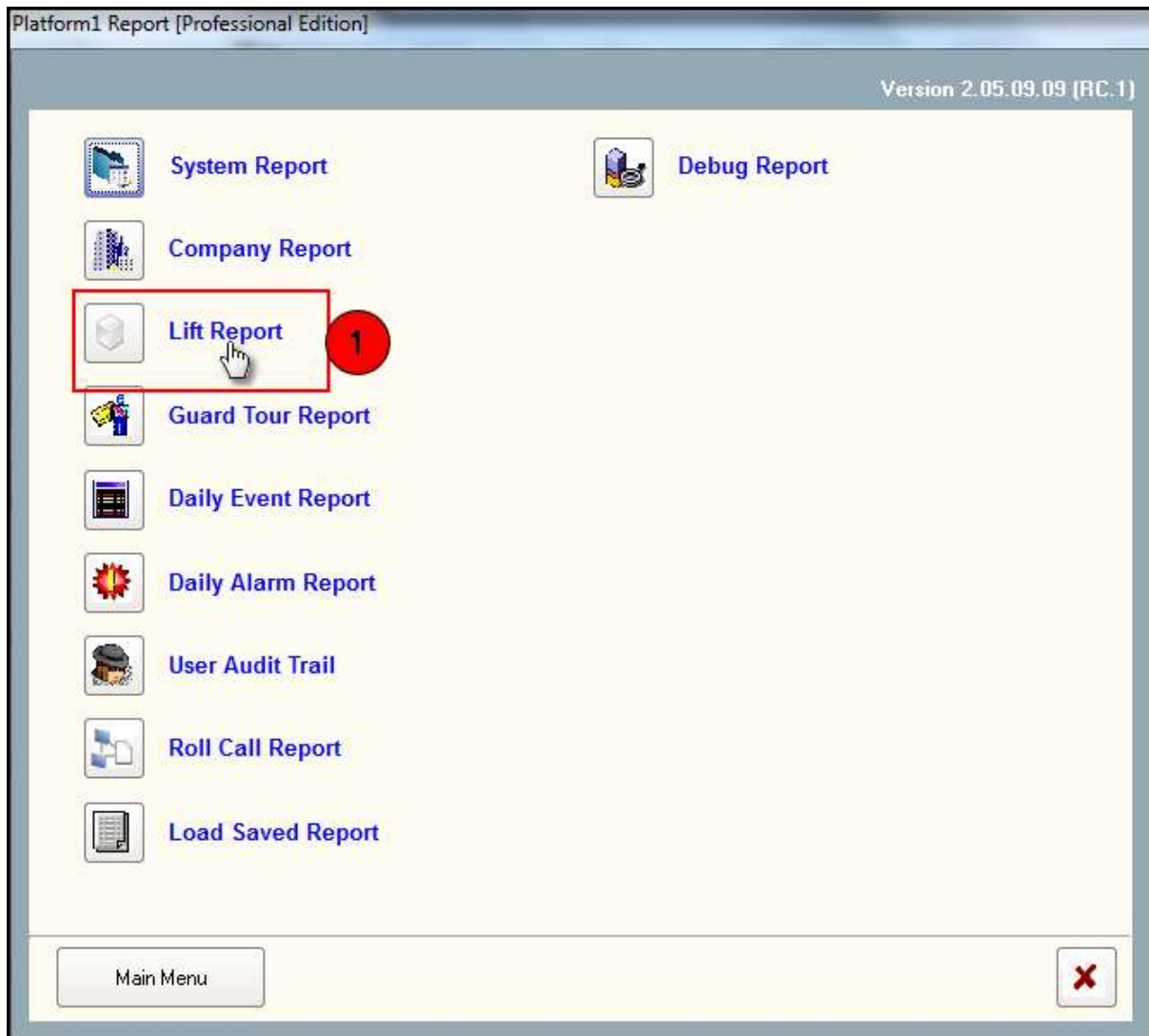
Available Lift (Total: 0)

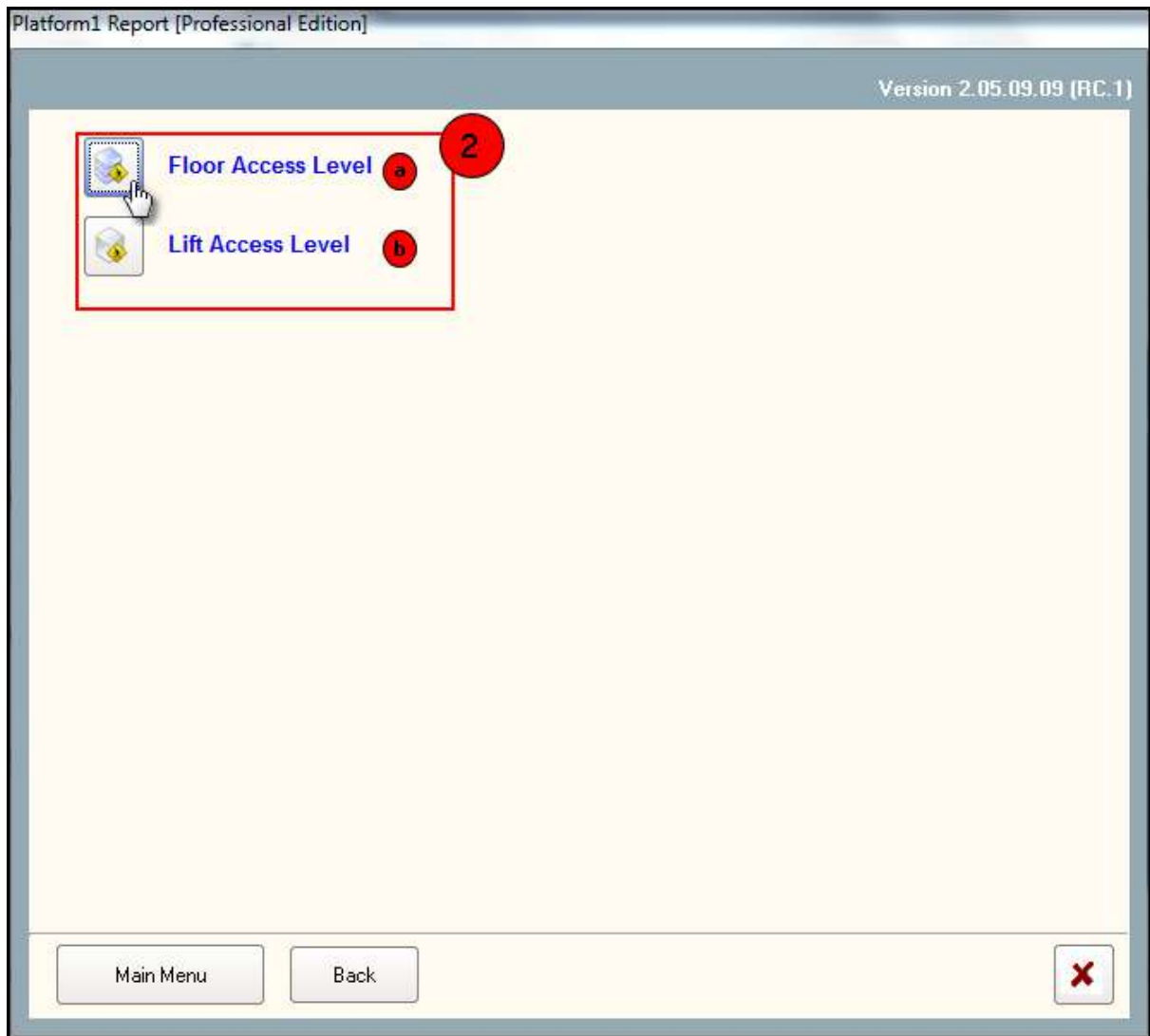
Save and Close Save and New Cancel

8. Click the "Time Zone Link" (e.g.: 0-NoAccess) to select Time Zone
9. Click "Change All Floor Acc Lev" to update the new Time Zone to all controller after select a Time Zone via Time Zone hyperlink beside it

20.5 Lift Report

Floor/Lift Access Level Report:





1. Click 'Lift Report'
2. Lift Report Windows popup
 - a. "Floor Access Level"
 - Generate Floor Access Level Report
 - Example:

Company Name		Platform1 Report 2.05.09.09 (RC.1)							
Floor Access Report									
No.	Desc	Floor Index: h TZ							
0	No Access	All Floors: 0							
1	Full Access	All Floors: 1							
2	Lift1	Floor Index 1: 1	Floor Index 2: 1	Floor Index 3: 1	Floor Index 4: 1	Floor Index 5: 1	Floor Index 6: 1	Floor Index 7: 1	Floor Index 8: 1
		Floor Index 9: 0	Floor Index 10: 0	Floor Index 11: 0	Floor Index 12: 0	Floor Index 13: 0	Floor Index 14: 0	Floor Index 15: 0	Floor Index 16: 0
		Floor Index 17: 0	Floor Index 18: 0	Floor Index 19: 0	Floor Index 20: 0	Floor Index 21: 0	Floor Index 22: 0	Floor Index 23: 0	Floor Index 24: 0
		Floor Index 25: 0	Floor Index 26: 0	Floor Index 27: 0	Floor Index 28: 0	Floor Index 29: 0	Floor Index 30: 0	Floor Index 31: 0	Floor Index 32: 0
		Floor Index 33: 0	Floor Index 34: 0	Floor Index 35: 0	Floor Index 36: 0	Floor Index 37: 0	Floor Index 38: 0	Floor Index 39: 0	Floor Index 40: 0
		Floor Index 41: 0	Floor Index 42: 0	Floor Index 43: 0	Floor Index 44: 0	Floor Index 45: 0	Floor Index 46: 0	Floor Index 47: 0	Floor Index 48: 0
		Floor Index 49: 0	Floor Index 50: 0	Floor Index 51: 0	Floor Index 52: 0	Floor Index 53: 0	Floor Index 54: 0	Floor Index 55: 0	Floor Index 56: 0
		Floor Index 57: 0	Floor Index 58: 0	Floor Index 59: 0	Floor Index 60: 0	Floor Index 61: 0	Floor Index 62: 0	Floor Index 63: 0	Floor Index 64: 0
		Floor Index 65: 0	Floor Index 66: 0	Floor Index 67: 0	Floor Index 68: 0	Floor Index 69: 0	Floor Index 70: 0	Floor Index 71: 0	Floor Index 72: 0
		Floor Index 73: 0	Floor Index 74: 0	Floor Index 75: 0	Floor Index 76: 0	Floor Index 77: 0	Floor Index 78: 0	Floor Index 79: 0	Floor Index 80: 0
		Floor Index 81: 0	Floor Index 82: 0	Floor Index 83: 0	Floor Index 84: 0	Floor Index 85: 0	Floor Index 86: 0	Floor Index 87: 0	Floor Index 88: 0
		Floor Index 89: 0	Floor Index 90: 0	Floor Index 91: 0	Floor Index 92: 0	Floor Index 93: 0	Floor Index 94: 0	Floor Index 95: 0	Floor Index 96: 0
		Floor Index 97: 0	Floor Index 98: 0	Floor Index 99: 0	Floor Index 100: 0	Floor Index 101: 0	Floor Index 102: 0	Floor Index 103: 0	Floor Index 104: 0
		Floor Index 105: 0	Floor Index 106: 0	Floor Index 107: 0	Floor Index 108: 0	Floor Index 109: 0	Floor Index 110: 0	Floor Index 111: 0	Floor Index 112: 0
		Floor Index 113: 0	Floor Index 114: 0	Floor Index 115: 0	Floor Index 116: 0	Floor Index 117: 0	Floor Index 118: 0	Floor Index 119: 0	Floor Index 120: 0
		Floor Index 121: 0	Floor Index 122: 0	Floor Index 123: 0	Floor Index 124: 0	Floor Index 125: 0	Floor Index 126: 0	Floor Index 127: 0	Floor Index 128: 0

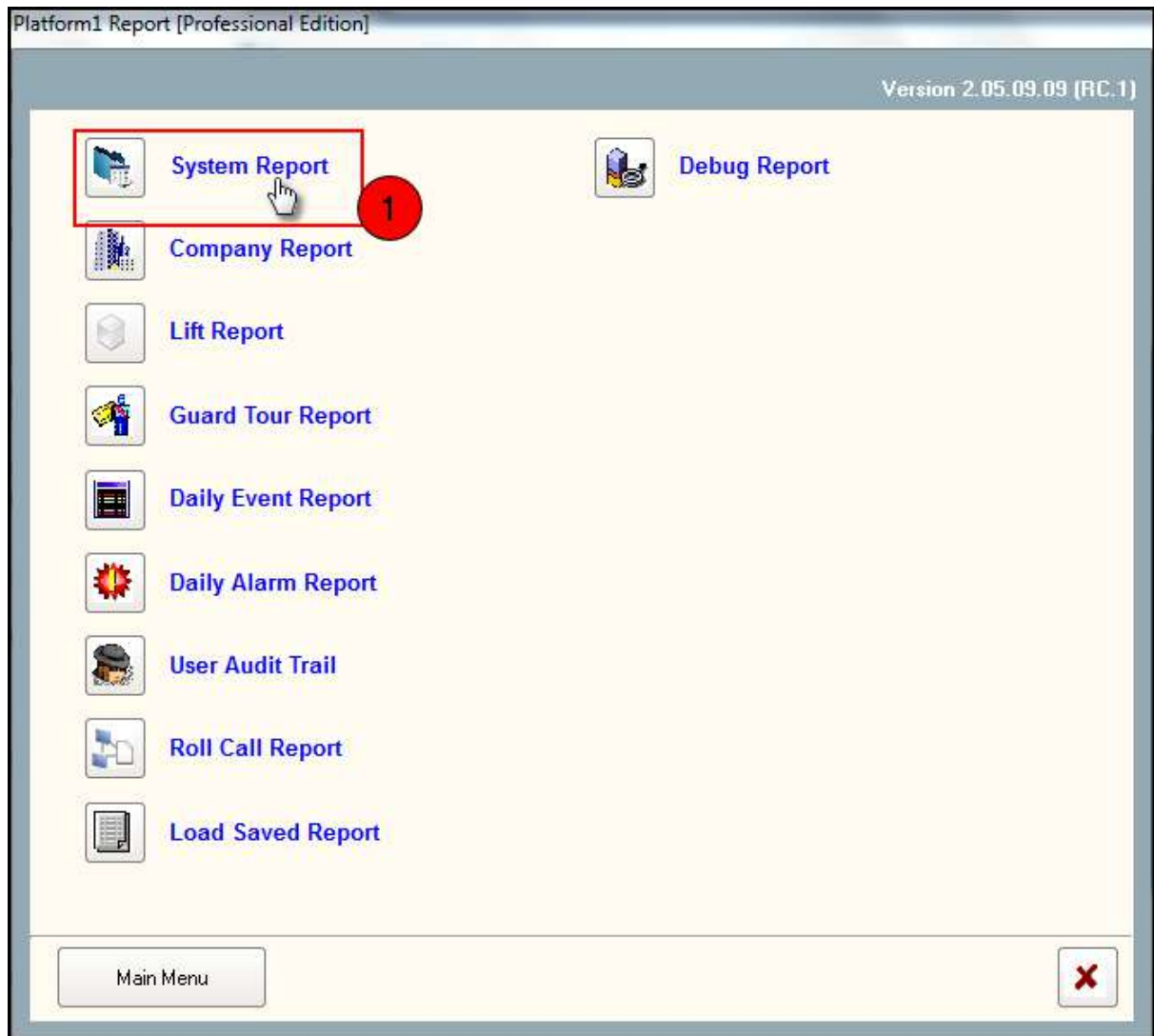
Printed on: 22/01/2010 11:34:33 AM Page: 1

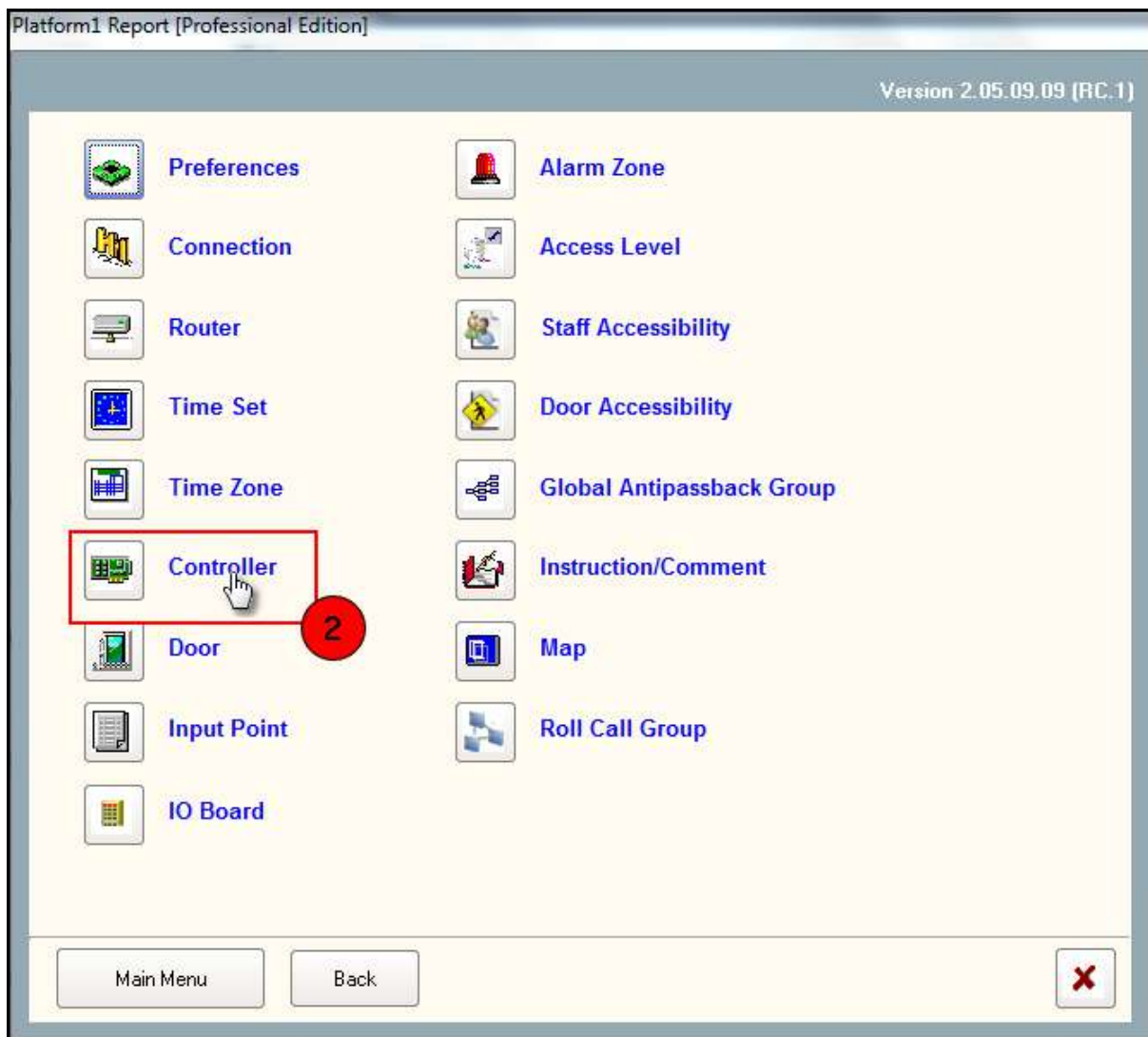
b. "Lift Access Level"

- Generate Lift Access Level Report
- Example:

Company Name		Platform1 Report 2.05.09.09 (RC.1)	
Lift Access Level Report			
No.	Desc	Lift	Floor Access Level
0	No Access	All Floors	0 - No Access
1	Full Access	All Floors	1 - Full Access
2	Lift1	L2K	2 - Lift1
3	F1,2,3	L2K	3 - F1,2,3
4	f1	L2K	4 - f1
5	f123	L2K	5 - f123
6	f13579	L2K	6 - f13579

Lift Controller Report:

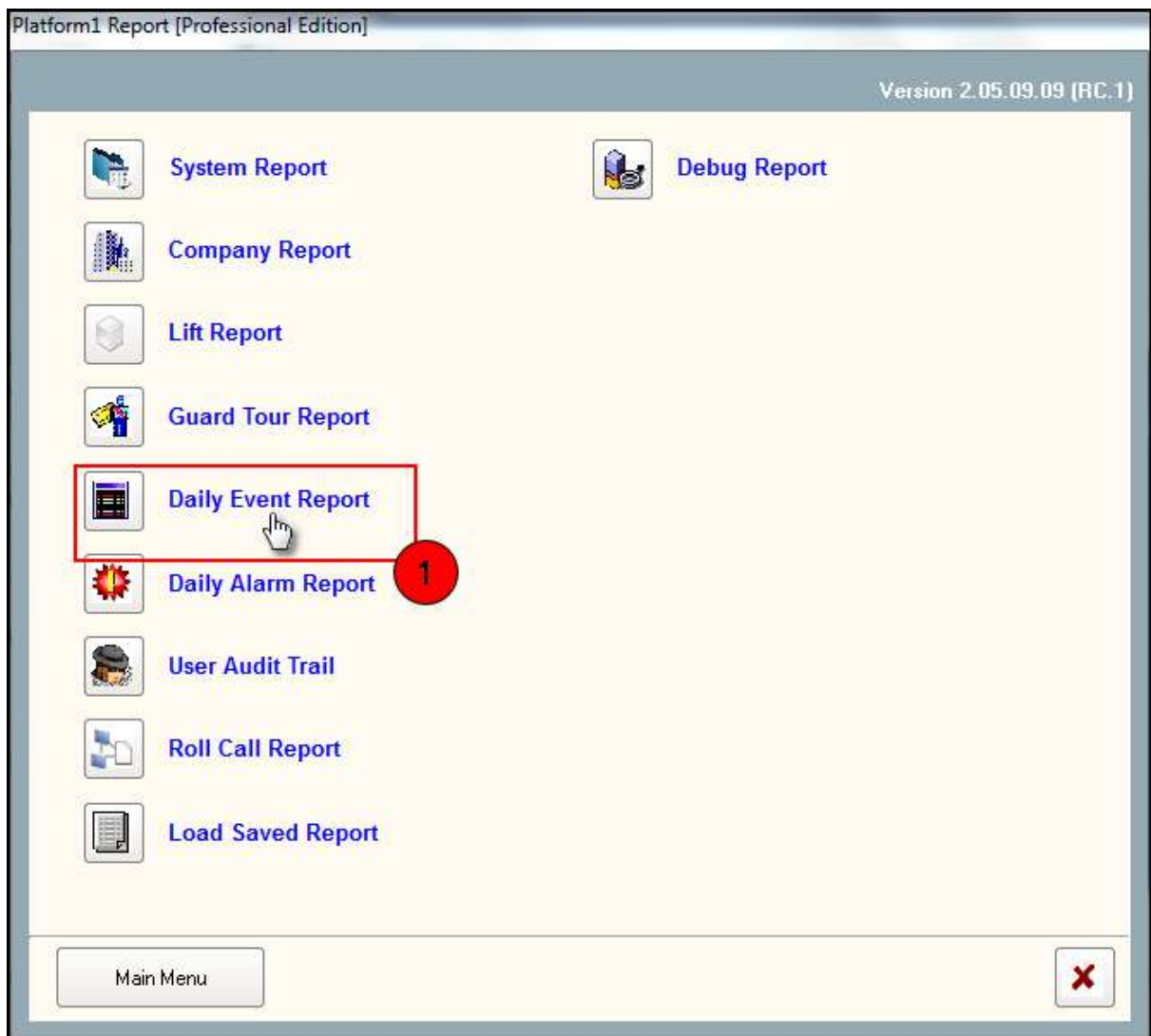




1. Select "System Report"
2. Select "Controller"
 - c. Generate Lift Controller Report
 - Example: L2000

Company Name		Platform1 Report 2.05.09.09 (RC.1)	
Controller Report			
Name : L2K			
Description : 10-Digit		Model : L2000	
Type : Single Door		Address : 192.168.0.100	
Connection : Com1		Suspend Polling : No	
Check Card Expiry Date : No		Turn On Time (sec) : 10	
Reader Type : Standard Wiegand			
Sub Lift			
No. : 1	Enabled : Yes	Name : SL1	Description :
No. : 2	Enabled : Yes	Name : SL2	Description :
No. : 3	Enabled : Yes	Name : SL3	Description :
No. : 4	Enabled : Yes	Name : SL4	Description :
No. : 5	Enabled : Yes	Name : SL5	Description :
No. : 6	Enabled : Yes	Name : SL6	Description :
No. : 7	Enabled : Yes	Name : SL7	Description :
No. : 8	Enabled : Yes	Name : SL8	Description :
Floor			
Floor Index : 1	Name : F1	Description :	ByPass TZ : 0
Floor Index : 2	Name : F2	Description :	ByPass TZ : 1
Floor Index : 3	Name : F3	Description :	ByPass TZ : 0
Floor Index : 4	Name : F4	Description :	ByPass TZ : 0
Floor Index : 5	Name : F5	Description :	ByPass TZ : 0
Floor Index : 6	Name : F6	Description :	ByPass TZ : 0
Floor Index : 7	Name : F7	Description :	ByPass TZ : 0
Floor Index : 8	Name : F8	Description :	ByPass TZ : 0
Floor Index : 9	Name : F9	Description :	ByPass TZ : 0
Floor Index : 10	Name : F10	Description :	ByPass TZ : 0

Daily Event Report:



1. Select "Daily Event Report"

Platform1 Report [Professional Edition] Version 2.05.09.09 (RC.1)

Database location

☒ System Default

☐ Other 

Date & time

 Today  Yesterday

 This Week  Last Week

Date
From 14/01/2010 To 14/01/2010

Time
From 00:00:00 To 23:59:59

Sort report by: [Time](#)

Event Filter

Door & IOB Sub Lift & Floor Event Type Others

☒ Sub Lift: ☒ All

☐ Floor: ☒ All

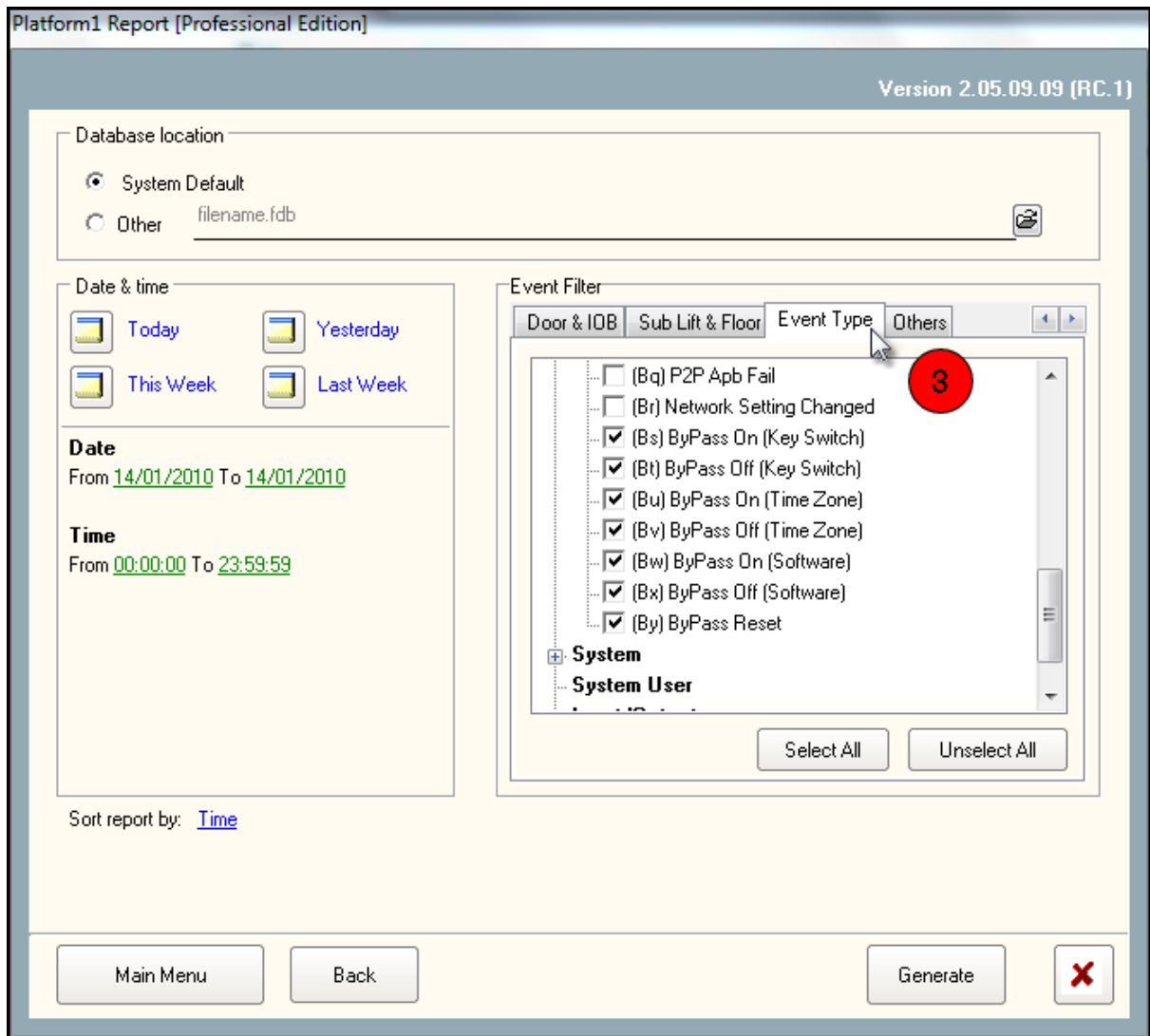
Main Menu Back

Generate 

2. At "Event Filter", select "Sub Lift & Floor" to generate specific Sub Lift or Floor Report

- Example:

Company Name Transaction Report							Platform1 Report 2.05.09.09 (RC.1)	
Time	Transaction	Controller	Door/ IO Board	Card No.	Staff No.	Name	Department/ Zone	Job/ Point
Date : 22/01/2010								
09:16:14	(SI) Platform1 Server Start Up							
09:16:27	(SG) Server Log In					a		
09:16:29	(SK) Controller Down	L1K						
09:16:40	(SL) Controller Up	L2K						
09:16:46	(SK) Controller Down	N2K						
09:17:15	(Be) Cold Start	L2K	L2K					
09:17:22	(Ba) Controller reset	L2K	L2K					
09:17:57	(Dj) Wrong Local Pin (Enter)	L2K	L2K					
09:18:05	(Bg) Enter Program Mode	L2K	L2K					
09:19:01	(Bh) Exit Program Mode	L2K	L2K					
09:23:44	(SL) Controller Up	L2K						
09:23:45	(SW) IO Board Up	L2K	SL1					
09:23:45	(SW) IO Board Up	L2K	SL2					
09:23:46	(SW) IO Board Up	L2K	SL3					
09:23:46	(SW) IO Board Up	L2K	SL4					
09:23:46	(SW) IO Board Up	L2K	SL5					
09:23:46	(SW) IO Board Up	L2K	SL6					
09:23:46	(SW) IO Board Up	L2K	SL7					
09:23:47	(SW) IO Board Up	L2K	SL8					
09:25:59	(Bw) ByPass On (Software)	L2K	F1					
09:26:03	(Bw) ByPass On (Software)	L2K	F16					
09:26:07	(Bw) ByPass On (Software)	L2K	F17					
09:26:12	(Bw) ByPass On (Software)	L2K	F32					
09:26:16	(Bw) ByPass On (Software)	L2K	F33					
09:26:21	(Bw) ByPass On (Software)	L2K	F48					
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								Page: 1



3. At "Event Filter", select "Event Type", Expand "Controller"
 - a. ByPass On/Off (Key Switch)
 - Generate report of ByPass On/Off event by Key Switch
 - b. ByPass On/Off (Time Zone)
 - Generate report of ByPass On/Off event by Time Zone
 - c. ByPass On/Off (Software)
 - Generate report of ByPass On/Off event by P1
 - d. ByPass Reset
 - Generate report of ByPass Reset event
 - Example:

Company Name Transaction Report							Platform1 Report 2.05.09.09 (RC.1)	
Time	Transaction	Controller	Door/IO Board	Card No.	Staff No.	Name	Department/Zone	Job/Point
<u>Date</u> : 22/01/2010								
09:25:59	(Bw) ByPass On (Softw are)	L2K	F1					
09:26:03	(Bw) ByPass On (Softw are)	L2K	F16					
09:26:07	(Bw) ByPass On (Softw are)	L2K	F17					
09:26:12	(Bw) ByPass On (Softw are)	L2K	F32					
09:26:16	(Bw) ByPass On (Softw are)	L2K	F33					
09:26:21	(Bw) ByPass On (Softw are)	L2K	F48					
09:26:25	(Bw) ByPass On (Softw are)	L2K	F49					
09:26:31	(Bw) ByPass On (Softw are)	L2K	F64					
09:27:30	(Bw) ByPass On (Softw are)	L2K	F65					
09:27:37	(Bw) ByPass On (Softw are)	L2K	F80					
09:27:40	(Bw) ByPass On (Softw are)	L2K	F81					
09:27:46	(Bw) ByPass On (Softw are)	L2K	F96					
09:27:48	(Bw) ByPass On (Softw are)	L2K	F97					
09:27:53	(Bw) ByPass On (Softw are)	L2K	F112					
09:28:00	(Bw) ByPass On (Softw are)	L2K	F113					
09:28:06	(Bw) ByPass On (Softw are)	L2K	F128					
10:24:15	(Bw) ByPass On (Time Zone)	L2K	F2					
10:27:06	(Bs) ByPass On (Key Sw itch)	L2K						
10:27:20	(By) ByPass Reset	L2K	F1					
10:27:20	(By) ByPass Reset	L2K	F2					
10:27:20	(By) ByPass Reset	L2K	F3					
10:27:20	(By) ByPass Reset	L2K	F4					
10:27:20	(By) ByPass Reset	L2K	F5					
10:27:20	(By) ByPass Reset	L2K	F6					
10:27:20	(By) ByPass Reset	L2K	F8					
Printed on: 22/01/2010 11:45:04 AM								
								Page: 1

20.6 Send/Retrieve

Lift Operation:

The screenshot shows a software window titled "Send/Retrieve". Inside, there's a header "Main -> Lift" and a sub-header "Step 2: Please select lift". Below this are five buttons: "Door", "Point/ Event", "Lift", "Reader", and "Gate Zone". The "Lift" button is highlighted with a red circle and the number 1. Below these buttons is a "Controller" section with three tabs: "Controller", "Sub Lift", and "Floor". The "Controller" tab is selected, and it has a red circle and the number 2. Below the tabs is a table with two columns: "Name" and "Description". The table contains two rows: "L2000" and "L3800". Both rows have a checked checkbox in the "Name" column, indicated by a red circle and the number 5. Below the table, there are two buttons: "Select All" (with a red circle and the number 3) and "Unselect All" (with a red circle and the number 4). Below these buttons are two more buttons: "Previous" and "Next" (with a red circle and the number 6). A "Cancel" button is located at the bottom right. At the bottom of the window, there are two status indicators: "Total: 2" and "Selected: 2".

Name	Description
☒ L2000	
☒ L3800	HCB Lift Controller

1. Click "Lift" button
2. Click "Controller" tab
3. Click "Select All" to check all the controllers' check box in the list
4. Click "Unselect All" to uncheck all the controllers' check box in the list
5. Check the desire Lift Controller's check box
6. Click "Next" to proceed to the Action page

Send/Retrieve

Main -> Lift -> Action

Step 3: Please select action to perform.

Door Point/ Event Lift Reader Gate Zone

Lift Option (only for L2000 and L3800 controllers)

☒ ByPass On
☐ ByPass Off
☐ ByPass Reset

Send Previous Next Cancel

7. Choose any Lift Option to perform operation
 - ByPass On
 - ByPass Off
 - ByPass Reset
8. Click "Send" button to send the operation command to the controller
9. Click "Lift" to go back to the Lift Operation Page

Send/Retrieve

Main -> Lift

Step 2: Please select lift

Door Point/ Event Lift Reader Gate Zone

Controller

Controller Sub Lift **10**

	Controller Name	Sub Lift Name	Sub Lift Description
☒	L3800	SL0	
☒	L3800	SL1	
☒	L3800	SL2	

11

Total: 3 Selected: 3

Select All **12** Unselect All **13**

Previous Next **14** Cancel

10. Click "Sub Lift" tab
11. Check the desire Sub Lift's check box (e.g.: SL0, SL1, SL2)
12. Click "Select All" to check all the Sub Lifts' check box in the list
13. Click "Unselect All" to uncheck all the Sub Lifts' check box in the list
14. Click "Next" to proceed to the Action page

Send/Retrieve

Main -> Lift

Step 2: Please select lift

Door Point/ Event Lift Reader Gate Zone

Controller

Controller Sub Lift Floor **15**

	Controller Name ▲	Floor Name	Floor Description
☒	L3800	F001	
☒	L3800	F002	
☐	L3800	F003	
☐	L3800	F004	
☒	L3800	F005	
☒	L3800	F006	
☐	L3800	F007	
☐	L3800	F008	
☒	L3800	F009	
16 ☐	L3800	F025	
☐	L3800	F026	

Total: 11 Selected: 5

Select All **17** Unselect All **18**

Previous Next **19** Cancel

15. Click "Floor" tab

16. Check the desire Floor's check box (e.g.: F001, F002, F005, F006, F009)

17. Click "Select All" to check all the Lifts' check box in the list

18. Click "Unselect All" to uncheck all the Lifts' check box in the list

19. Click "Next" to proceed to the Action page

Send/Retrieve

Main -> Lift -> Action

Step 3: Please select action to perform.

Door Point/ Event Lift Reader Gate Zone

Lift Option (only for L2000 and L3800 controllers)

☒ ByPass On

☐ ByPass Off

☐ ByPass Reset

Send

Previous Next

Cancel

20. Choose any Lift Option to perform operation

- ByPass On
- ByPass Off
- ByPass Reset

21. Click "Send" button to send the operation command to the controller

22. Click "Lift" to go back to the Lift Operation Page

Part



21 Appendix E - Suprema Finger Print Integration

Integration of P1 with Suprema Biometric Device

- *This integration will let user to use Suprema Biometric device as In/Out Reader and access using fingerprint*
- *Supported Controller:*
 1. N2000
 2. L1000
 3. S3100
 4. S3200
 5. S3400
 6. N5100
 7. N5200
 8. N5400
 9. L3800
- *Supported Biometric Device:*
 1. Suprema BioLite Net (With Keypad and Display)

 BioLite Net



2. Suprema BioEntry Plus (Without Keypad and Display)

BioEntry Plus



3. Suprema BioMini (Desktop Enrollment Unit)

BioMini



21.1 N2000

Controller - Add - Fingerprint:

Configuration to enable Suprema Biometric Integration for N2000

Controller - Add

Name: L1000
Description: Suprema Integration
Model: N2000
Type: Single Door In and Out Reader
Address: 192.168.0.100

Controller Setting | Door Setting | Alarm Setting | Input Point Setting
Output Relay | Port Forwarding | PELCO Video Matrix Integration | Fingerprint

Parameters	In Reader	Out Reader
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	36463

Save and Close | Save and New | Cancel

- **Use Fingerprint (In Reader)**
Tick the check box to enable the Suprema Biometric device as In reader
- **Use Fingerprint (Out Reader)**
Tick the check box to enable the Suprema Biometric device as Out Reader
- **FP Device ID (In Reader)**
Fill in the Suprema Biometric device ID which configured as In Reader
- **FP Device ID (Out Reader)**

Fill in the Suprema Biometric device ID which configured as Out Reader

21.2 L1000

Controller - Add - Fingerprint:

Configuration to enable Suprema Biometric Integration for L1000

Controller - Add

Name: L1000

Description: Suprema Integration

Model: L1000

Address: 192 . 168 . 0 . 100

Controller Setting | Sub Lift | PELCO Video Matrix Integration | **Fingerprint**

Parameters	Lift
Use Fingerprint	☒ Yes
FP Device ID	36462

Save and Close Save and New Cancel

- **Use Fingerprint**
Tick the check box to enable Suprema Biometric integration
- **FP Device ID**
Fill in the fingerprint device ID to enable the L1000 controller to communicate with the fingerprint device

21.3 HCB

Controller - Add - Fingerprint:

Configuration to enable Suprema Biometric Integration for HCB Controller (S3100, S3200, S3400, N5100, N5200, N5400)

Parameters	Reader 1	Reader 2	Reader 3	Reader 4
Name	N54r1	N54r2	N54r3	N54r4
Description				
Reader Type	Suprema	Suprema	Suprema	Suprema
In/Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out
Bind to Door	1 - N54d1	2 - N54d2	3 - N54d3	4 - N54d4
HID AGK	N/A	N/A	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,W
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active

- **Reader Type**

For Suprema Biometrics Devices to work, the Reader Type must be chosen as Suprema

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Device 1	Device 2	Device 3	Device 4
Use Fingerprint	☒ Yes	☒ Yes	☒ Yes	☒ Yes
FP Device ID	12345	12345	12348	12345 

- ***Fingerprint***

Fill in the fingerprint device ID to enable the HCB controller to communicate with the Suprema Devices

21.4 Preference

Preference - Edit - Suprema:

Enrolling Administrator Fingerprint of Suprema Biometric Device

System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous
PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules		

Administrator

Administrator User ID 1 (Pre-served for all Fingerprint Reader usage)

Administrator Fingerprint(s)

Parameters	Enrolled
Template 01	☐ No
Template 02	☐ No

Enroll

Delete

Reader Type

☒ Template On Card (Mifare Only)
☐ Proximity (10D, Wiegand 26-bits)
☐ CSN (10D, Wiegand 32-bits, Mifare Only)

Accept

Cancel

- **Edit**
Select "Edit" to do template enrollment
- **Enroll**
Select "Enroll" to start template enrollment
The "Enroll Finger" window will prompted and place your finger on the Desktop Enrollment Unit to enroll the finger print template
- **Delete**
Select "Delete" to clear the enrolled Administrator template from the P1 Database as well as the Fingerprint Device



NOTE: User may enroll two Administrator Template into the P1 Database and FP Device

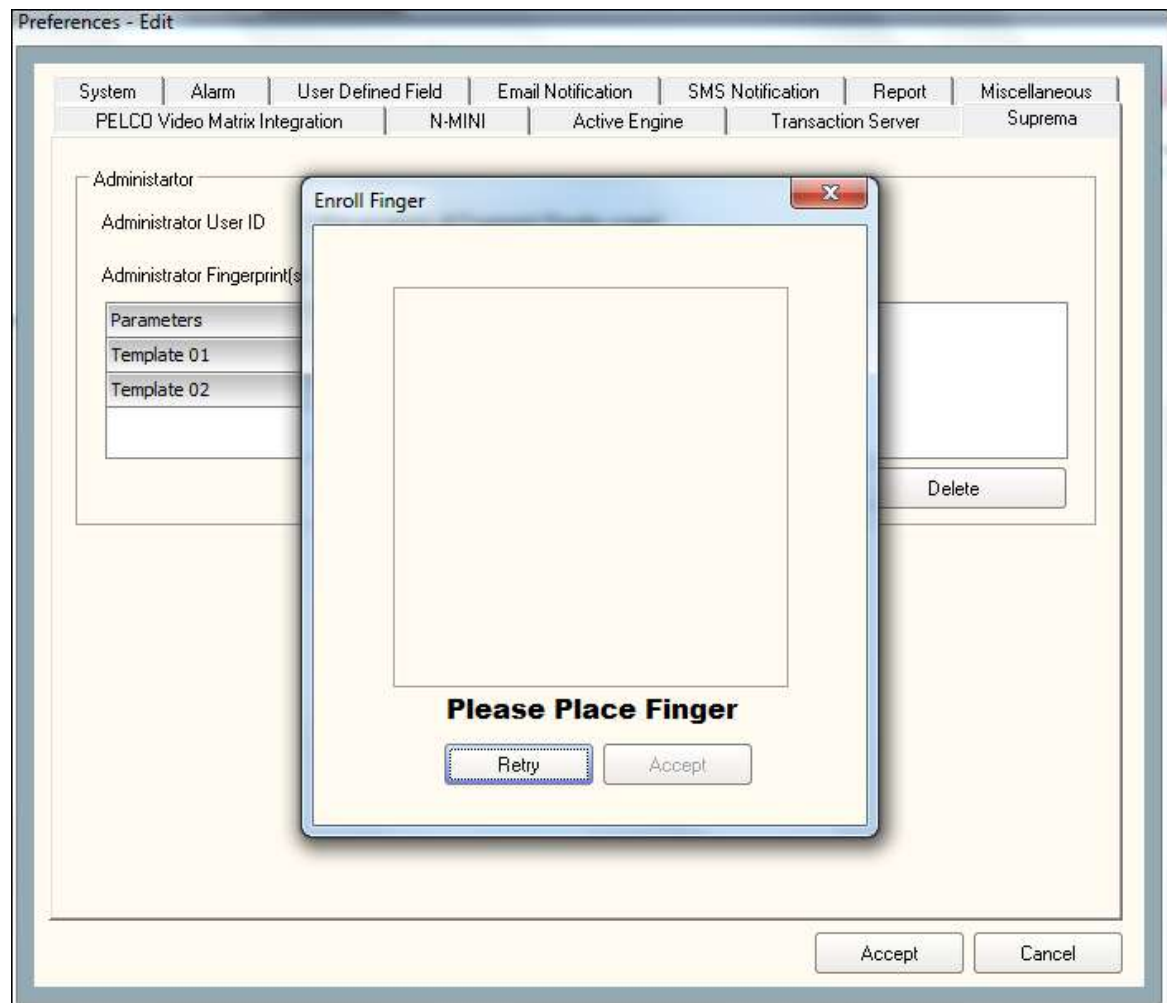
Reader Type		
☒ Template On Card (Mifare Only)	☐ Proximity (10D, Wiegand 26-bits)	☐ CSN (10D, Wiegand 32-bits, Mifare Only)

- **User must setup the type of reader for Suprema**
 - **Template On Card (Mifare Only)** - System will download the fingerprint template into the Mifare card
 - *Supported Operation Mode:*
 - *Finger Only*
 - *Card + Finger*
 - *Card + Pin*
 - *Card Only*
 - **Proximity** - Choose this option if the Suprema reads Proximity Card (Only Support 10 Digits card number and 26-Bit Wiegand format)
 - *Supported Operation Mode:*
 - *Card + Finger or Finger Only*
 - *Card + Pin*
 - *Card Only*
 - **Mifare CSN** - Choose this option if Suprema reads Mifare Card and don't need to write template on card (Only Support 10 Digits card number and 32-Bit Wiegand format)
 - *Supported Operation Mode:*
 - *Card + Finger or Finger Only*
 - *Card + Pin*
 - *Card Only*

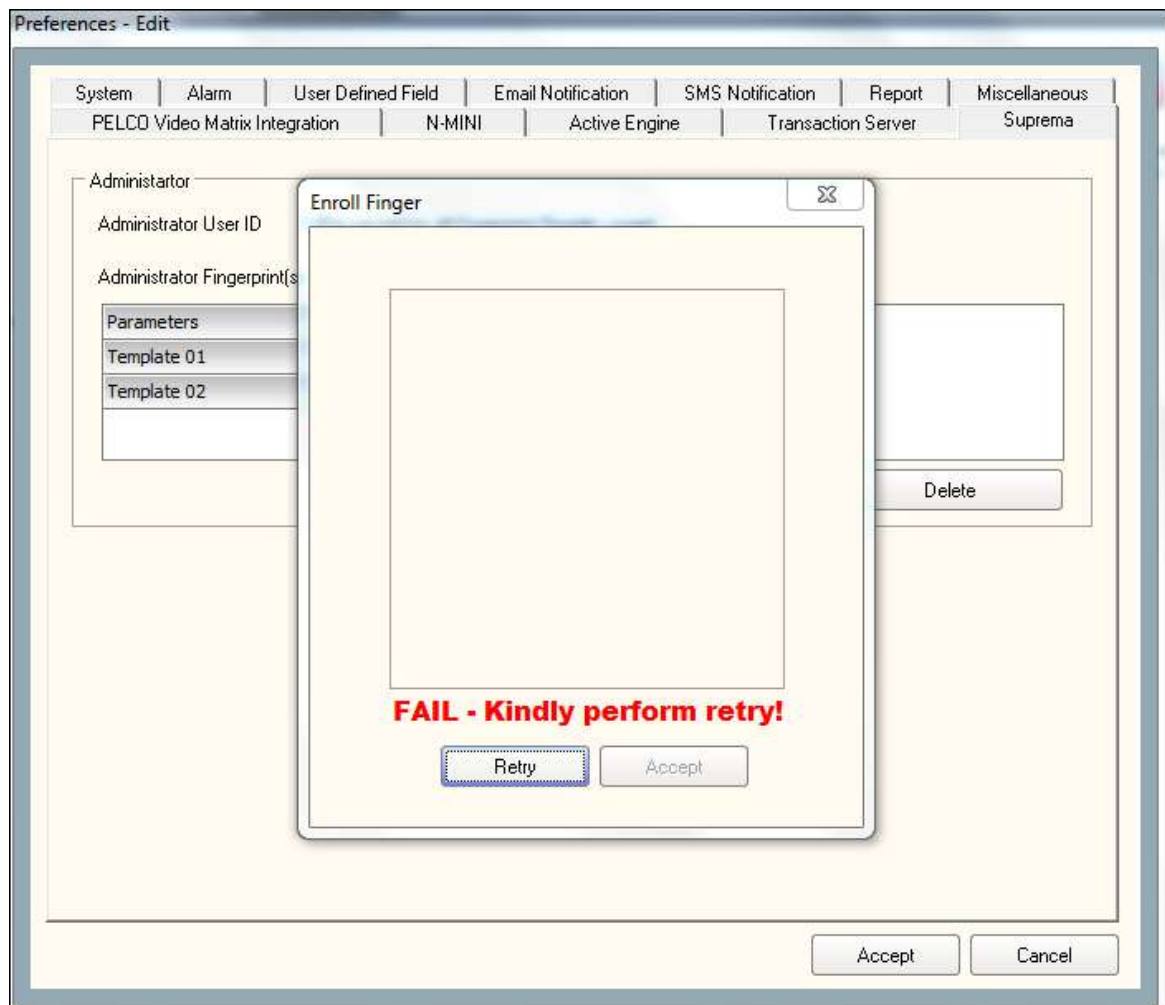
Fore more details about operation mode, please refer Appendix E - Suprema Finger Print Integration > Operation Mode



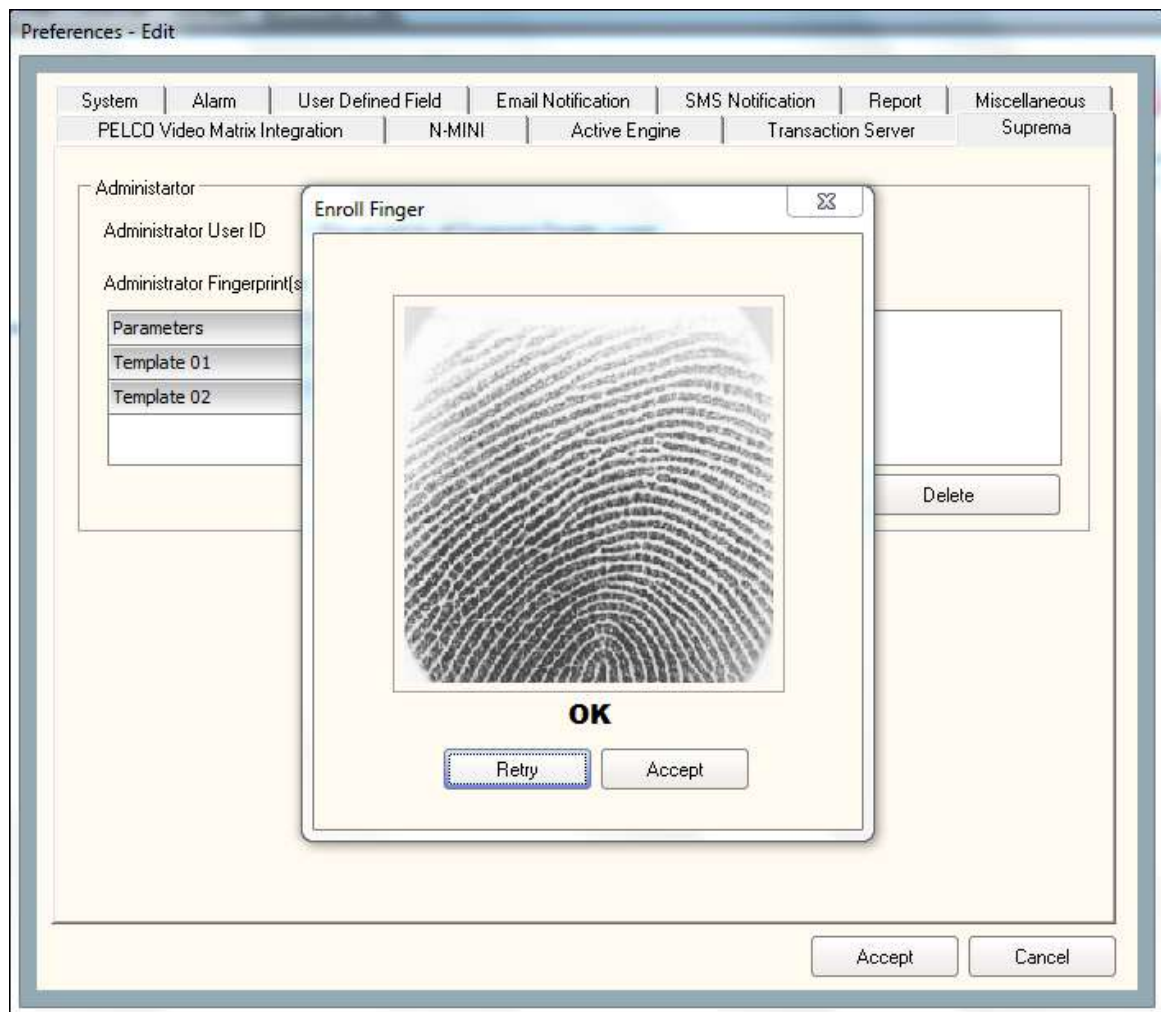
NOTE: Suprema Reader Type is unchangeable if system detect cardholder record exists



When this windows prompted, please place the finger on the Desktop Enrollment Unit



If no fingerprint detected, error message "FAIL - Kindly perform retry" will shown
Click "Retry" to enroll the fingerprint again



Once the device get the fingerprint, it will show the fingerprint

If not satisfy with the fingerprint, perform enroll once again by select "Retry"

If satisfy with the fingerprint, select "Accept" to enroll the template

21.5 Operation Mode

Staff - Add - Fingerprint:

Configure the Operation Mode, Enroll Template, Adjust Enrollment Quality Acceptance for Biometric Integration

The screenshot shows the 'Staff - Add' window with the 'Fingerprint' tab selected. The window contains the following elements:

- Operation Mode:** A dropdown menu set to 'Finger Only'.
- Enrollment Quality Acceptance:** A numeric spinner set to 80.
- Parameters Table:**

Parameters	Enrolled
Template 01	☐ No
Template 02	☐ No
- Buttons:** 'Enroll' and 'Delete' buttons are located at the bottom right of the main form area.
- Footer:** Includes 'Last Modified Date: -', an 'Export staff's record' checkbox, and 'Save and Close', 'Save and New', and 'Cancel' buttons.

1. Operation Mode:

- Finger Only: Access using finger print
- Card + Finger: Access by flashing card then finger print on Suprema Biometric Device
- Card + Pin: Access by flashing card then enter the pin on Suprema Biometric Device (Only applicable to Supremat BioLite)
- Card Only: Access by flashing card on Suprema Biometric Device

2. Select Template 01 or Template 02 then click "Enroll" to enroll a new fingerprint

3. Select Delete to clear the enrolled template
4. Adjust the Enrollment Quality Acceptance from 60 to 99



NOTE: For "Card + Finger" and "Card + Pin", at least one template is required



NOTE: For "Finger Only", "Card + Finger" and "Card + Pin" operation mode, a Desktop Enrollment Device is required



NOTE: For controller without Biometric Integration, Fingerprint configuration is not require



NOTE: For "Card + Finger", "Card + Pin", "Card Only" operation mode, a Smartcard Reader is required to perform Card Format and Write

21.5.1 Finger Only

Operation Mode - Finger Only:

User can access by using fingerprint when Biometric Integration enabled

1. Select "Finger Only" operation mode
2. Choose either "Template 01" or "Template 02"
3. Click "Enroll"

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Finger Only (1)

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	No (2)
Template 02	No

(3) Enroll Delete

Last Modified Date: -

☐ Export staff's record

Save and Close Save and New Cancel

4. "Enroll Finger" windows will popup
5. Placing a finger on the Desktop Enrollment Unit for fingerprint capture
6. Once captured fingerprint show on the "Enroll Finger" windows, click "Accept" to enroll the template
7. Click retry to capture the fingerprint again or captured fingerprint quality lower than "Enrollment Quality Acceptance" percentage



8. Click "Save and Close" to Add Card and close the "Staff - Add" windows
9. Click "Save and Close" if wish to add another staff after save

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Finger Only

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	☒ Yes
Template 02	☒ Yes

Enroll Delete

Last Modified Date: -

☐ Export staff's record

8 Save and Close 9 Save and New Cancel

21.5.2 Card + Finger

Operation Mode - Card + Finger

User can access by flashing Card then Fingerprint if Biometric Integration enabled

1. Enter the Card Number (6 digits or 10 digits)

Card - Add

Card No. 004324 1 ☐ Scan From Reader

General Lift

Card Type Normal Access Card

Pin No. 000000

Start Date 03 February , 2010

End Date 03 February , 2020

Access Level 1 Full Access ☒

Buddy Mode ☐ No Buddy No

Antipassback ☒ Yes

Activate ☒ Yes

Add and Close Add and New Cancel

2. Select "Card + Finger" operation mode
3. Enroll at least one template (Refer to "Finger Only" operation mode)
4. Click "Save and Close" to save the setting and close the "Staff - Add" windows
5. Click "Save and New" if wish to add another Staff after save

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Card + Finger 2

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	☒ Yes 3
Template 02	☐ No

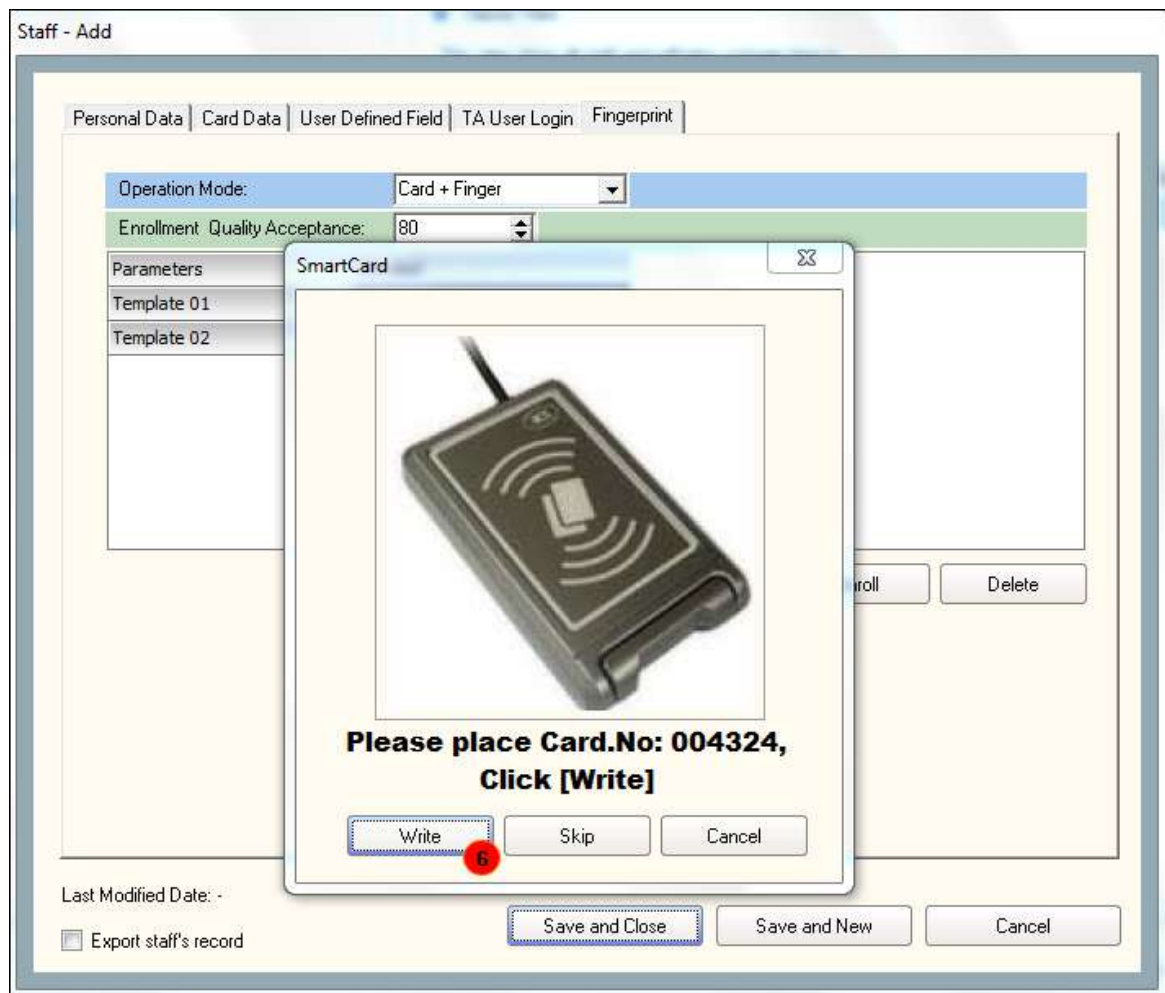
Enroll Delete

Last Modified Date: -

☐ Export staff's record

Save and Close 4 Save and New 5 Cancel

6. Click "Write" to write the information into the card using SmartCard Reader



21.5.3 Card + Pin

Operation Mode - Card + Pin:

User can access by flashing Card then enter Pin when Biometric Integration enabled (Only Applicable to BioLite Net)

1. Enter the Card Number (6 digits or 10 digits)
2. Enter the Pin Number

Card - Add

Card No. **1** 019444 ☐ Scan From Reader

General Lift

Card Type Normal Access Card

Pin No. 123456 **2**

Start Date 03 February , 2010

End Date 03 February , 2020

Access Level 1 Full Access ☒

Buddy Mode ☐ No Buddy No

Antipassback ☒ Yes

Activate ☒ Yes

Add and Close Add and New Cancel

3. Select "Card + Pin" operation mode
4. Enroll at least one template (Refer to "Finger Only" operation mode)
5. Click "Save and Close" to save the setting and close the "Staff - Add" windows
6. Click "Save and New" if wish to add another Staff after save

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Card + Pin 3

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	☒ Yes 4
Template 02	☐ No

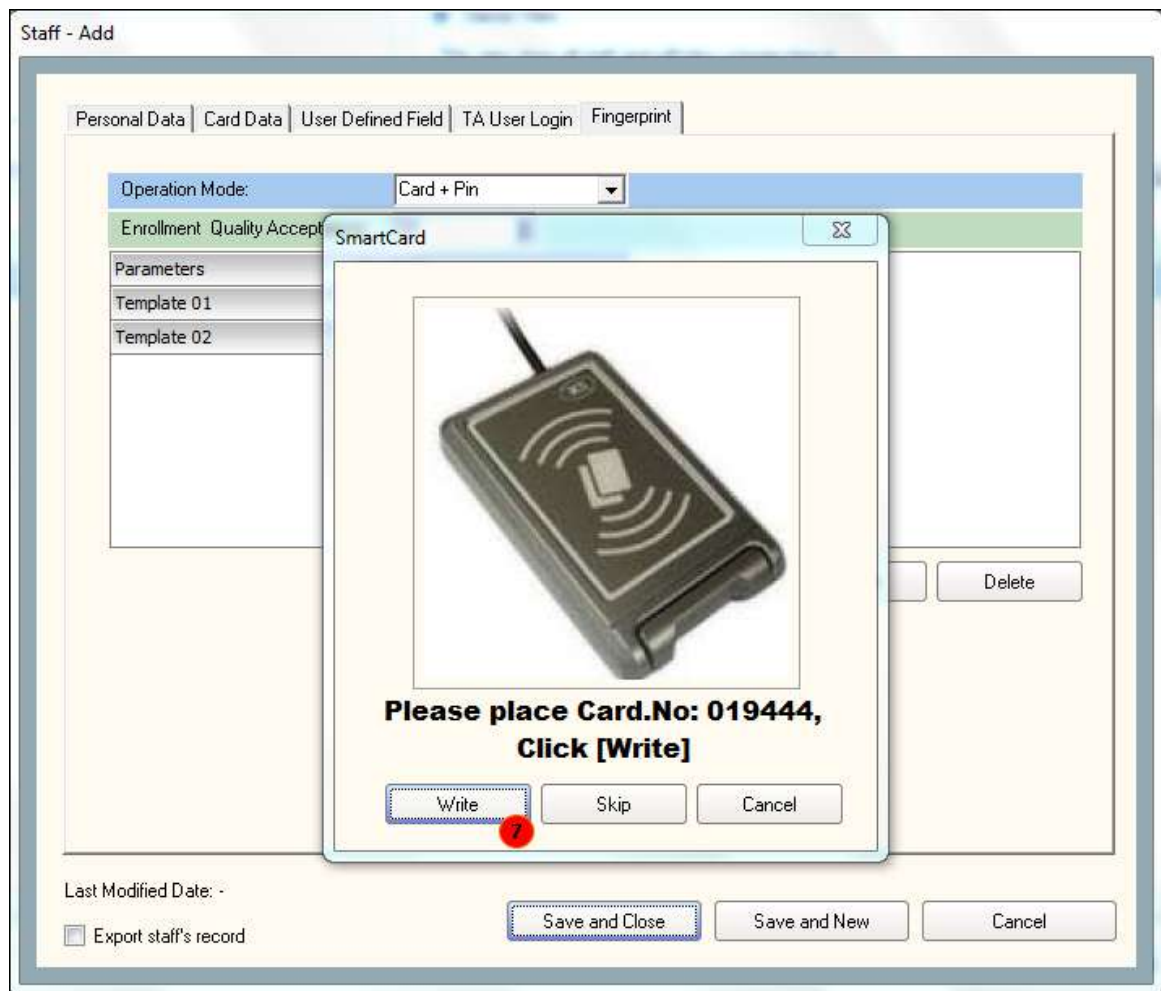
Enroll Delete

Last Modified Date: -

☐ Export staff's record

Save and Close 5 Save and New 6 Cancel

7. Click "Write" to write the information into the card using SmartCard Reader



21.5.4 Card Only

Operation Mode - Card Only:

User can access by flashing Card when Biometric Integration enabled (Only Applicable to BioLite Net)

1. Enter the Card Number (6 digits or 10 digits)

Card - Edit

Card No. ☐ Scan From Reader

General | Lift

Card Type: Normal | Access Card

Pin No.:

Start Date:

End Date:

Access Level: Full Access ☒

Buddy Mode: ☐ No Buddy No:

Antipassback: ☒ Yes

Activate: ☒ Yes

Accept Cancel

2. Select "Card Only" operation mode
3. Click "Save and Close" to save the setting and close the "Staff - Add" windows
4. Click "Save and New" if wish to add another Staff after save

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Card Only 2

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	☐ No
Template 02	☐ No

Enroll Delete

Last Modified Date: -

☐ Export staff's record

3 Save and Close 4 Save and New Cancel

5. Click "Write" to write the information into the card using SmartCard Reader

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Card Only

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	☐ No
Template 02	☐ No

Last Modified Date: -

☐ Export staff's record

SmartCard



**Please place Card.No: 006673,
Click [Write]**

Write Skip Cancel

Save and Close Save and New Cancel

21.5.5 Card + Finger/Finger Only

Operation Mode - Card + Finger/Finger Only:

User can access by flashing Card then Fingerprint if Biometric Integration enabled

1. Enter the Card Number (10 digits Proximity and Mifare CSN Only)

Card - Add

Card No. 1234567890 1

☐ Scan From Reader
☐ Scan From Writer

General Lift

Card Type Normal Access Card

Pin No. 000000

Start Date Tuesday, November 23, 2010

End Date Monday, November 23, 2020

Accessibility 1 - Full Access

Buddy Mode ☐ No Buddy No

Antipassback ☒ Yes

Activate ☒ Yes

Add and Close Add and New Cancel

2. Select "Card + Finger/Finger Only" operation mode
3. Enroll at least one template (Refer to "Finger Only" operation mode)
4. Click "Save and Close" to save the setting and close the "Staff - Add" windows
5. Click "Save and New" if wish to add another Staff after save

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode: Card + Finger/ Finger only 2

Enrollment Quality Acceptance: 80

Parameters	Enrolled
Template 01	☒ Yes 3
Template 02	☐ No

Enroll Delete

Last Modified Date: -

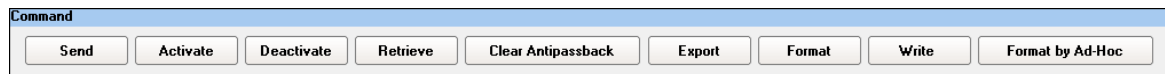
☐ Export staff's record

Save and Close 4 Save and New 5 Cancel

21.6 View Staff

View Staff - Command:

Command for SmartCard Reader - "Format", "Write", "Format by Ad-Hoc"



- **Format**

Clear all information in the card using SmartCard Reader



NOTE: The SmartCard Reader will check the validity of the Card Number before performing Format

- **Write**

Store staff information into the card using SmartCard Reader



NOTE: The SmartCard Reader will check the validity of the Card Number before performing Write

- **Format by Ad-Hoc**

Clear all information in the card using SmartCard Reader



NOTE: The SmartCard Reader will not check Card Number when performing "Format by Ad-Hoc"

View Staff - Popup Menu Command (Format, Write, Ad-Hoc Format):

Additional Popup Menu Command for Biometric Integration - "Format", "Write", "Format by Ad-Hoc"

Staff No.	Name /	Department	Job	Shift	Card 1 (Access Level)	Card 2 (Access Level)	Card 3 (Access Level)	Ca
19444					019444 (1)			
s1					004324 (1)			
ssss					000033 (1)			

Send
Activate
Deactivate
Retrieve
Clear Antipassback
Edit
Export
Select All
Unselect All
Add to Selection List
Format
Write
Format by Ad-Hoc

1. Right Click any Staff
2. Select "Format" to clear all information in the card
 - SmartCard Reader will check the card number. If card number valid, only it will format the card
 - Select "Format" to perform card format action
 - Select "Skip" if don't want to perform Card Format
 - Select "Cancel" if wish to close the SmartCard Windows



3. Select "Write" to store the information into the card

- SmartCard Reader will check the card number. If card number valid, only it will write the card
- Select "Write" to perform card writing action
- Select "Skip" if don't want to perform Card Write
- Select "Cancel" if wish to close the SmartCard Windows



4. Select "Format by Ad-Hoc" to format any card without according to the card number
 - Select "Format" to perform card format action
 - Select "Skip" to don't want perform Ad-Hoc Format
 - Select "Cancel" if wish to close the SmartCard Windows



21.7 Send/Retrieve

Send/Retrieve - Main - Miscellaneous - Action:

Clear Templates of the Biometric Device when perform Cold Start or Clear Card Database

Send/Retrieve

Main -> Miscellaneous -> Action

Step 3: Please select action to perform.

Time Set Time Zone Access Level Controller Card Holiday Miscellaneous

Send/Retrieve Option

☐ Date Time ☐ Clear Time Zone ☐ Total cards (all except L1000)

☐ Firmware version ☐ Clear Access Level ☐ Clear Floor Access Level

☐ Manufacturer information ☐ Clear Card Database

☒ Cold Start (Clear Memory) ☐ Clear Holiday

☐ Clear Time Set ☐ Clear Antipassback

Reload Option

☒ Please reload settings after cold start/settings cleared.

☒ Perform template clearing while (1) Cold Start or (2) Clear Card Database execute.

Send Retrieve

Previous Next Cancel

- Check "Perform Template Clearing while (1) Cold Start or (2) Clear Database execute"
- Once this action performed, all the templates in the Biometric device will be deleted

Part



22 Appendix F - S3100, S3200, S3400, N5100, N5200, N5400 Setup/Configure

Features of S3100, S3200, S3400, N5100, N5200, N5400

S3100

- **Basic Features:**

- Serial Communication
- Support maximum 3000 cards
- 4 Inputs and 2 Outputs (Relays)
- Changeable card digit format (6 or 10 Digits)
- Support maximum 2 readers
- Support Car Park System with Access Limit/Counter
- Support Turnstile System
- Support Alarm, General Purpose, Tamper, Fire, Loop Detector

- **Batch 2 Add-On Features:**

- User Configurable Wiegand format (26Bits, 32Bits, 34Bits, 35Bits, 37Bits)\
- Interlocking

- **Batch 3 Add-On Features:**

- Support HID Integrated AGK 00, 09, 11, 14, 19, 20 Keypad
- Support Keyed Card + Pin
- Support Multi Bit Custom Wiegand Format
- Support 10 Sets Facility Codes

- **Batch 4 Add-On Features:**

- Support Multi-bit Reader (Support Maximum 10 Wiegand Format (Wiegand Group)
- Support Interlocking by Door
- Support Door Sensor delay (Support Built-in Sensor EM-Lock)
- Support Input triggered delay
- Support Door Force Open trigger Alarm
- Support Suprema Proximity and Mifare CSN
- Support changeable Lock Energize Option (By Open Time or By Release Time)

S3200**• Basic Features:**

- Serial Communication
- Support maximum 30000 cards
- 8 Inputs and 4 Outputs (Relays)
- Changeable card digit format (6 or 10 Digits)
- Support maximum 2 readers
- Support Rosslare Integrated Keypad, Suprema Biometric
- Support Car Park System with Access Limit/Counter
- Support Turnstile System
- Support Alarm, General Purpose, Tamper, Fire, Loop Detector
- Support unlimited access - unlimited timeset, 1000 timezone, unlimited access level

• Batch 2 Add-On Features:

- User Configurable Wiegand format (26Bits, 32Bits, 34Bits, 35Bits, 37Bits)
- Interlocking

• Batch 3 Add-On Features:

- Support HID Integrated AGK 00, 09, 11, 14, 19, 20 Keypad
- Support Event Trigger
- Support Keyed Card + Pin
- Support Multi Bit Custom Wiegand Format
- Support 10 Sets Facility Codes

• Batch 4 Add-On Features:

- Support Multi-bit Reader (Support Maximum 10 Wiegand Format (Wiegand Group))
- Support Interlocking by Door
- Support Door Sensor delay (Support Built-in Sensor EM-Lock)
- Support Input triggered delay
- Support Door Force Open trigger Alarm
- Support Suprema Proximity and Mifare CSN
- Support changeable Lock Energize Option (By Open Time or By Release Time)
- Support Dynamic Storage

S3400**• Basic Features:**

- Serial Communication
- Support maximum 30000 cards
- 8 Inputs and 4 Outputs (Relays)
- Changeable card digit format (6 or 10 Digits)
- Support maximum 4 readers
- Support Rosslare Integrated Keypad, Suprema Biometric
- Support Car Park System with Access Limit/Counter
- Support Turnstile System
- Support Alarm, General Purpose, Tamper, Fire, Loop Detector

• Batch 2 Add-On Features:

- User Configurable Wiegand format (26Bits, 32Bits, 34Bits, 35Bits, 37Bits)
- Interlocking
- Support unlimited access - unlimited timeset, 1000 timezone, unlimited access level

• Batch 3 Add-On Features:

- Support HID Integrated AGK 00, 09, 11, 14, 19, 20 Keypad
- Support Event Trigger
- Support Keyed Card + Pin
- Support Multi Bit Custom Wiegand Format
- Support 10 Sets Facility Codes

• Batch 4 Add-On Features:

- Support Multi-bit Reader (Support Maximum 10 Wiegand Format (Wiegand Group)
- Support Interlocking by Door
- Support Door Sensor delay (Support Built-in Sensor EM-Lock)
- Support Input triggered delay
- Support Door Force Open trigger Alarm
- Support Suprema Proximity and Mifare CSN
- Support changeable Lock Energize Option (By Open Time or By Release Time)
- Support Dynamic Storage

N5100**• Basic Features:**

- Network communication
- Wizard/Report for Service and Active Downloader
- Support maximum 3000 cards
- Peer to Peer (Global Antipassback)
- 4 Inputs and 2 Outputs (Relays)
- Changeable card digit format (6 or 10 Digits)
- Support maximum 2 readers
- Support Rosslare Integrated Keypad, Suprema Biometric
- Support Car Park System with Access Limit/Counter
- Support Turnstile System
- Support Alarm, General Purpose, Tamper, Fire, Loop Detector

• Batch 02 Add-On Features:

- User Configurable Wiegand format (26Bits, 32Bits)
- Interlocking

• Batch 03 Add-On Features:

- Support HID Integrated AGK 00, 09, 11, 14, 19, 20 Keypad
- Support AES Encryption
- Support Keyed Card + Pin
- Support Multi Bit Custom Wiegand Format
- Support 10 Sets Facility Codes

• Batch 04 Add-On Features:

- Support Multi-bit Reader (Support Maximum 10 Wiegand Format (Wiegand Group))
- Support Interlocking by Door
- Support Door Sensor delay (Support Built-in Sensor EM-Lock)
- Support Input triggered delay
- Support Door Force Open trigger Alarm
- Support Suprema Proximity and Mifare CSN
- Support changeable Lock Energize Option (By Open Time or By Release Time)

N5200**• Basic Features:**

- Network communication
- Wizard/Report for Service and Active Downloader
- Support maximum 30000 cards
- Peer to Peer (Global Antipassback)
- 8 Inputs and 4 Outputs (Relays)
- Changeable card digit format (6 or 10 Digits)
- Support maximum 2 readers
- Support Rosslare Integrated Keypad, Suprema Biometric
- Support Car Park System with Access Limit/Counter
- Support Turnstile System
- Support Alarm, General Purpose, Tamper, Fire, Loop Detector

• Batch 02 Add-On Features:

- User Configurable Wiegand format (26Bits, 32Bits, 34Bits, 35Bits, 37Bits)
- Interlocking
- Support unlimited access - unlimited timeset, 1000 timezone, unlimited access level (Access Group)

• Batch 03 Add-On Features:

- Support HID Integrated AGK 00, 09, 11, 14, 19, 20 Keypad
- Support Event Trigger
- Support AES Encryption
- Support Keyed Card + Pin
- Support Multi Bit Custom Wiegand Format
- Support 10 Sets Facility Codes

• Batch 04 Add-On Features:

- Support Multi-bit Reader (Support Maximum 10 Wiegand Format (Wiegand Group))
- Support Interlocking by Door
- Support Door Sensor delay (Support Built-in Sensor EM-Lock)
- Support Input triggered delay
- Support Door Force Open trigger Alarm
- Support Suprema Proximity and Mifare CSN
- Support changeable Lock Energize Option (By Open Time or By Release Time)
- Support Dynamic Storage

N5400**• Basic Features:**

- Network communication
- Wizard/Report for Service and Active Downloader
- Support maximum 30000 cards
- Peer to Peer (Global Antipassback)
- 8 Inputs and 4 Outputs (Relays)
- Changeable card digit format (6 or 10 Digits)
- Support maximum 4 readers
- Support Rosslare Integrated Keypad, Suprema Biometric
- Support Car Park System with Access Limit/Counter
- Support Turnstile System
- Support Alarm, General Purpose, Tamper, Fire, Loop Detector

• Batch 02 Add-On Features:

- User Configurable Wiegand format (26Bits, 32Bits, 34Bits, 35Bits, 37Bits)
- Interlocking
- Support unlimited access - unlimited timeset, 1000 timezone, unlimited access level (Access Group)

• Batch 03 Add-On Features:

- Support HID Integrated AGK 00, 09, 11, 14, 19, 20 Keypad
- Support Event Trigger
- Support AES Encryption
- Support Keyed Card + Pin
- Support Multi Bit Custom Wiegand Format
- Support 10 Sets Facility Codes

• Batch 04 Add-On Features:

- Support Multi-bit Reader (Support Maximum 10 Wiegand Format (Wiegand Group))
- Support Interlocking by Door
- Support Door Sensor delay (Support Built-in Sensor EM-Lock)
- Support Input triggered delay
- Support Door Force Open trigger Alarm
- Support Suprema Proximity and Mifare CSN
- Support changeable Lock Energize Option (By Open Time or By Release Time)
- Support Dynamic Storage

22.1 Preference - System

Preferences - View

PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules		
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report	Miscellaneous

Software

Digits version: 10 Digits

User Key (AES):

Retype User Key (AES):

Hard Disk

Min Warning Level (MB): 1000 (Min: 1000, Max: 1500)

Min Free Level (MB): 500 (Min: 500, Max: 800)

If Min Free Level is reached, please: ☒ Stop polling ☐ Purge old transactions (earliest 1 day)

Process

Enable Debug Mode: ☐ No

Startup

Run when Windows starts (WinNT or above will require Administrator login): ☐ No

Edit Close

- **Software - Digit Version**

- **6 Digits:** 6 digits card number format
- **10 Digits:** 10 digits card number format



NOTE: For existing site, P1 will detect its card database to determine 6 or 10 digits; For new site, user can change the digits as long as the card database is empty



NOTE: Once a card is added into the database, user cannot change the digit version anymore, e.g.: user added a 6 digits card, the digit version will no longer changeable to 10 digits until the card database is empty

- **Software - AES**

- **User Key:** AES key defined by user for data encryption/decryption
- **Retype User Key:** Retype and confirm the AES key



NOTE: Default AES user key is 12345678



NOTE: User is advisable to change to AES User key for security purposes

22.2 Preference - Controller

Preferences - View

PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification
				Report	Miscellaneous

Controller

Facility Code 1 NOTE: Facility Codes are not being used in 10 Digits version.

Facility Code 2

Facility Code 3

Facility Code 4

Facility Code 5

Facility Code 6

Facility Code 7

Facility Code 8

Facility Code 9

Facility Code 10

Activate Global Antipassback ☐ No

☐ Use trimming method for Card No. when converting from 32bits to 26bits (for old firmware)

Edit Close

- **Facility Code**

Allowed 10 sets of facility codes/site codes to be assigned to the controllers



NOTE: 10 sets facility codes is only applicable for controllers of batch 3 and above



NOTE: For controller model other than batch 3 S3100, S3200, S3400, N5100, N5200 and N5400, only facility code 1, 2, and 3 will be sent to controller

- **Activate Global Antipassback**

Enable peer to peer/global antipassback for controllers

- **Trimming Method**

Use trimming method for card number when converting from 32bits to 26bits (For old firmware, e.g: Bank Rakyat)

22.3 Wizard/Report For Service

List of new controllers found						
Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model	Batch No
192.168.1.101	255.255.255.0	0.0.0.0	88-97-DF-01-00-73	2020	N5400	04
192.168.1.100	255.255.255.0	0.0.0.0	88-97-DF-01-00-88	2020	AN4004-30K	04

New controller found: 2

Refresh Configure Configure Later

1. After Manufacture Default the controller (N5100, N5200, N5400), connect the controller to the system and P1 will prompt a New Controller Found windows

- **Controller Address:** Default address of the controller (default: 192.168.1.100)
- **Subnet Mask:** Default subnet mask of the controller (default: 255.255.255.0)
- **Gateway:** Default gateway of the controller (default: 0.0.0.0)
- **MAC Address:** MAC address of the controller
- **Port No.:** Default port number of the controller (default: 2020)
- **Model:** Controller model
- **Unlimited Support:** Show whether the controller is unlimited support or not
- **Batch No.:** Show the batch version of the controller

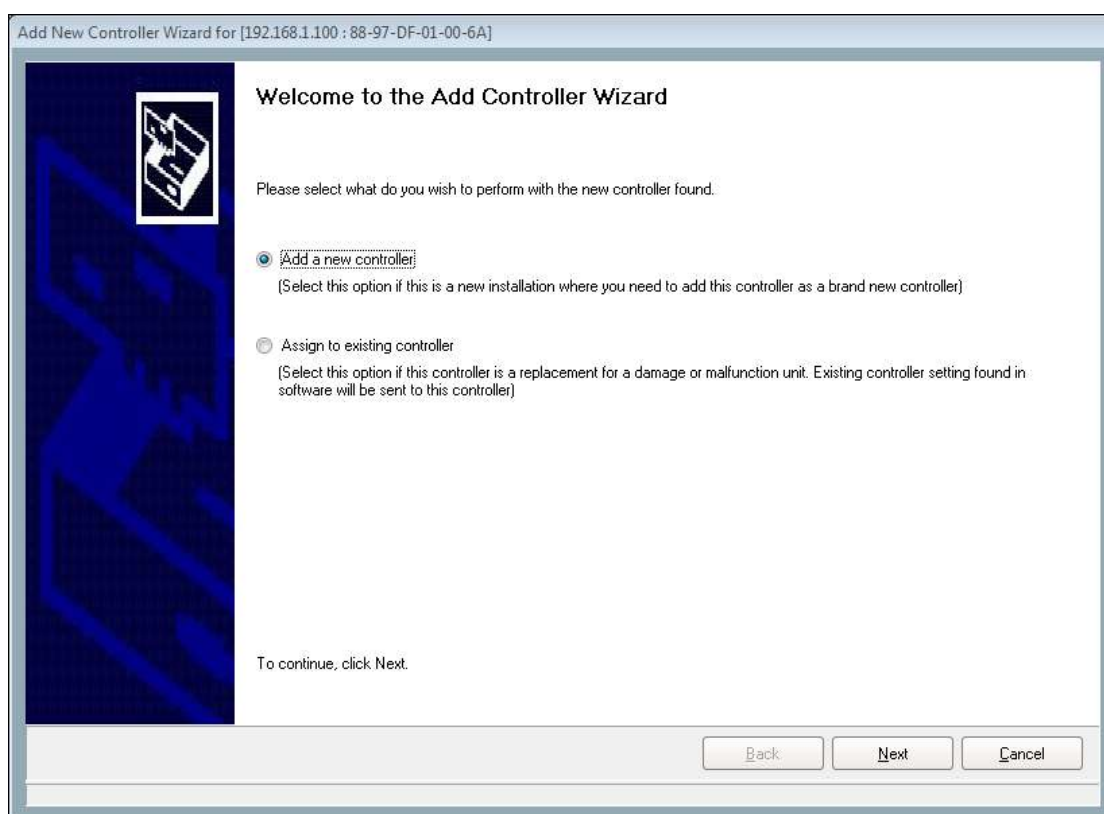


NOTE: When P1 detect the controller is with a 64mb SPI Flash, a " [64Mb] " will be added next to the controller's model (e.g.: N5400 [64Mb])



NOTE: Batch number will determine the controller supported features (e.g.: Batch 03 will has features like AES Encryption, 10 sets facility code and so forth)

2. Click Configure to setup the controller



3. Add a new controller: Select this option if it is a new installation

4. Assign to existing controller: Select this option if the controller is a replacement controller

Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-00-6A]

Please fill up some basic information about this controller. These information will be used to identify this controller.

General Setting

Controller Name *	N5400	Description	1x64mb SPI
Door 1 Name *	N54_D1	Description	Dr A
Door 2 Name *	N54_D2	Description	Dr B
Door 3 Name *	N54_D3	Description	Dr C
Door 4 Name *	N54_D4	Description	Dr D

Profile

Description: 4 Doors

Reader Setting

Reader 1 Name *	N54_R1	Description	Rdr A
Reader 2 Name *	N54_R2	Description	Rdr B
Reader 3 Name *	N54_R3	Description	Rdr C
Reader 4 Name *	N54_R4	Description	Rdr D

Advanced Setting

☒ Use AES Encryption

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

5. Fill up basic information for the controller

- **General Setting:** Controller name and description, Door name and description
- **Profile:** Doors mode, Barriers mode, Turnstiles mode
- **Reader Setting:** Reader name and description
- **Advanced Setting:** AES Encryption enable/disable

Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-00-6A]

These are the current setting retrieved from the controller.

Current Controller Setting

Controller Address: 192 . 168 . 1 . 100

Port No.: 2020

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 0 . 0 . 0 . 0

Please fill up the new setting that you wish to send to the controller.

Active Engine

Active Engine ID: 1

New Controller Setting

Controller Address *: 192 . 168 . 1 . 101

Port No. *: 44003

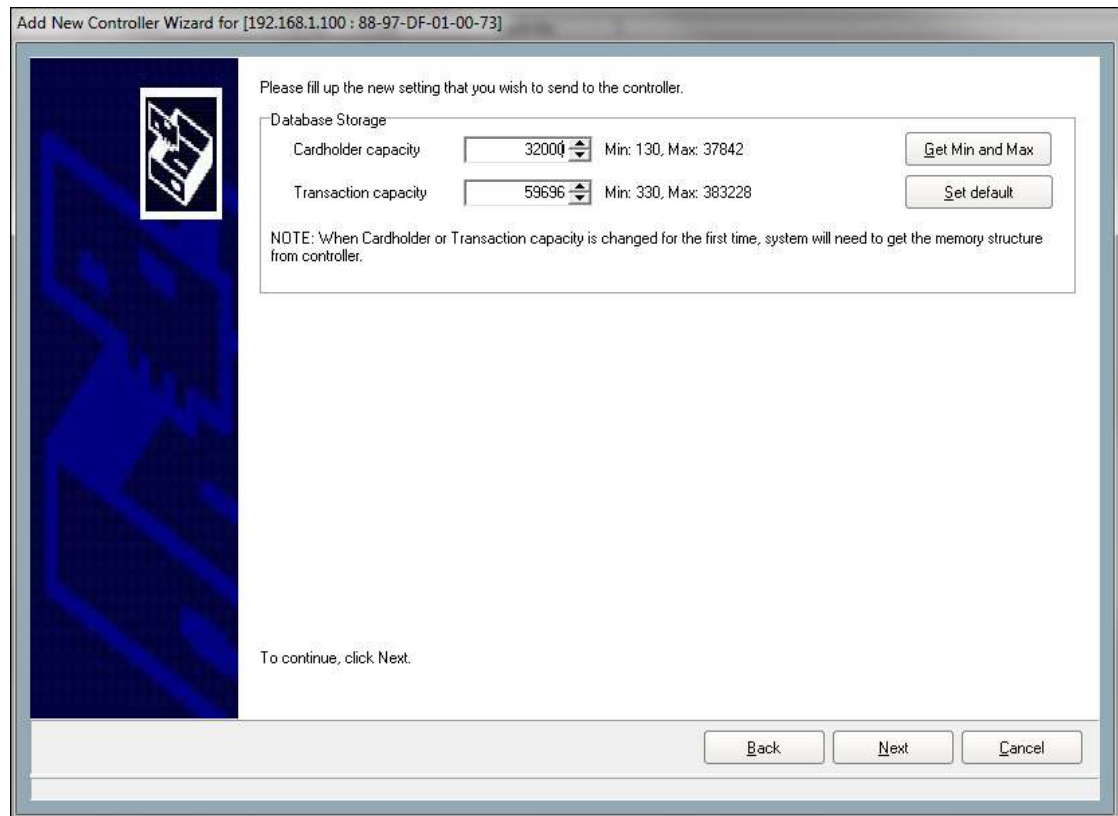
Subnet Mask *: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

6. Fill up the network setting for the controller



Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-00-73]

Please fill up the new setting that you wish to send to the controller.

Database Storage

Cardholder capacity: 32000 Min: 130, Max: 37842

Transaction capacity: 59696 Min: 330, Max: 383228

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller.

To continue, click Next.

7. This section is to allow user to change the storage of cardholder and transaction for Dynamic Storage Supported Controller (S3200, S3400, N5200 and N5400 [Batch 4]). When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. By Default, maximum cardholder capacity is 37842; while maximum transaction capacity is 383228. System will adjust both capacity automatically once it detect any capacity is changed (e.g.: when Cardholder set to 37842, Transaction will become 330)

Add New Controller Wizard for [192.168.1.100 : 00-00-00-00-00-00]

Please tick the Access Level that you wish to have this controller and select its respective In Time Zone.

Access Level	In Time Zone
☒ 1	1 - 24 Hours Active

Select All Unselect All Show Access Level Detail

Click Finish to add the controller and end the wizard.

Back Finish Cancel

Add New Controller Wizard for [192.168.1.100 : 00-01-02-03-01-02]

Please tick the Access Level/Access Group that you wish to have this controller and select its respective In Time Zone.

Access Group	In Time Zone
☐ N54_D1	1 - 24 Hours Active
☐ N54_D1_D2	1 - 24 Hours Active
☒ N54_D1_D4	1 - 24 Hours Active

Select All Unselect All Hide Access Level Detail

Click Finish to add the controller and end the wizard.

Back Finish Cancel

Access Level Detail

Access Level: N54_D1_D4

Door Name	In Time Zone
N54_D3	1 - 24 Hours Active
N54_D4	1 - 24 Hours Active

Hide

8. Setup the access level for the controller doesn't support unlimited access level or

Setup the access group for the controller support unlimited access level

22.4 Add Controller

S3100

Name	S3100				
Description	SC1002-3K				
Model	S3100				
Address	255 . 255 . 255 . 3				

Zone Setting		Fingerprint		Available Wiegand Group	
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Connection	COM - 1				
Suspend Polling	☐ No				
Global Antipassback Group	Undefined				
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time			
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time			
Cross board Interlock Group	Undefined		Enabled Interlock	☐ No	

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select S3100)
- **Address**

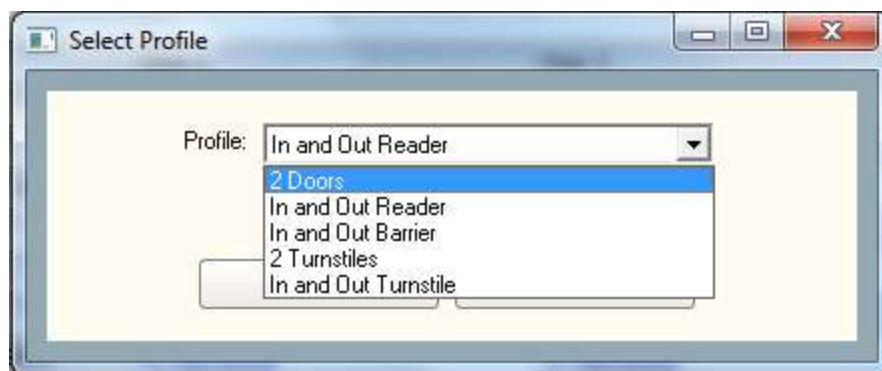
Enter the controller address in this slots.

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
			Input Point Setting
			Output Relay
Connection	COM1 - MQXA		
Suspend Polling	☐ No		
Global Antipassback Group	Undefined		
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

• **Controller Setting**

- **Connection:** Setup the serial port for communication
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
	Input Point Setting	Output Relay	
Parameters	Door 1	Door 2	
Name	S3100_Door1	S3100_Door2	
Description	ZONE1	ZONE2	
Lock release time (sec)	5	5	
Open time (sec)	15	15	
Entry Zone ID	1	1	
Exit Zone ID	2	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active	
Card + PIN Lockout Count	0	0	
Lock Release Time Zone	0 - Not Active	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active	
Antipassback Lockout	☐ No	☐ No	

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Door 1		
Name	S3100_Door1		
Description	IN & OUT Door		
Lock release time (sec)	5		
Open time (sec)	15		
Entry Zone ID	1		
Exit Zone ID	2		
Card + PIN Time Zone	0 - Not Active		
Card + PIN Lockout Count	0		
Lock Release Time Zone	0 - Not Active		
Exit Button Enabled Time Zone	1 - 24 Hours Active		
Antipassback Time Zone	0 - Not Active		
Antipassback Lockout	☐ No		

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Barrier 1	Barrier 2	
Name	S3100_BR1	S3100_BR2	
Description	IN Barrier	OUT Barrier	
Lock release time (sec)	5	5	
Open time (sec)	15	15	
Entry Zone ID	1	1	
Exit Zone ID	2	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active	
Card + PIN Lockout Count	0	0	
Lock Release Time Zone	0 - Not Active	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active	
Antipassback Lockout	☐ No	☐ No	

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Turnstile 1	Turnstile 2	
Name	S3100_TS1	S3100_TS2	
Description	Turnstile 1	Turnstile 2	
Lock release time (sec)	5	5	
Open time (sec)	15	15	
Entry Zone ID	1	1	
Exit Zone ID	2	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active	
Card + PIN Lockout Count	0	0	
Lock Release Time Zone	0 - Not Active	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active	
Antipassback Lockout	☐ No	☐ No	

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Turnstile 1		
Name	S3100_TS1		
Description	In and Out Turnstile		
Lock release time (sec)	5		
Open time (sec)	15		
Entry Zone ID	1		
Exit Zone ID	2		
Card + PIN Time Zone	0 - Not Active		
Card + PIN Lockout Count	0		
Lock Release Time Zone	0 - Not Active		
Exit Button Enabled Time Zone	1 - 24 Hours Active		
Antipassback Time Zone	0 - Not Active		
Antipassback Lockout	☐ No		

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader
- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over
- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time
- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
Parameters	Reader 1	Reader 2	
Name	s31_32_r1	s31_32_r2	
Description			
Reader Type	Standard Wiegand	Standard Wiegand	
In/Out	☒ In ☐ Out	☐ In ☒ Out	
Bind to Door	1 - Door 1	1 - Door 1	
HID AGK	N/A	N/A	
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	
Wiegand Group	N/A	N/A	
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bi	
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Enable Access Limit	☐ No	☐ No	

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19

7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
Alarm/Siren DurationTime (min)	15		
Arm Delay Time (sec)	1		
Disarm Delay Time (sec)	2		
Arming Time Zone	0 - Not Active		

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Output Relay + Controller Setting		Zone Setting Door Setting +		PELCO Video Matrix Integration Reader Alarm Setting		Fingerprint Input Point Setting +	
Parameters	Name	Description	Type	Door/ Reader			
Input 1	DSD1_S3100		1 - Door Sensor	1 - S3100_Door1			
Input 2	PBD2_S3100		2 - Exit Button	1 - S3100_Door1			
Input 3	TPD3_S3100		6 - Tamper	1 - Reader 1			
Input 4			7 - Alarm	0 - Not use			
			0 - Not use 1 - Door Sensor 2 - Push Button 3 - General Purpose 4 - Fire Input 5 - Loop Detector 6 - Tamper 7 - Alarm				

Output Relay + Controller Setting		Zone Setting Door Setting +		PELCO Video Matrix Integration Reader Alarm Setting		Fingerprint Input Point Setting +	
Parameters	Door/ Reader	Trigger Mode		Digital/ Analog			
Input 1	1 - S3100_Door1	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 2	1 - S3100_Door1	☐ Open Trigger	☒ Close Trigger	☒ Digital	☐ Analog		
Input 3	1 - Reader 1	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 4	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
Parameters	Trigger State Delay (sec)	Normal State Delay (sec)	
Input 1	5	4	
Input 2	Immediate	Immediate	
Input 3	Immediate	Immediate	
Input 4	Immediate	Immediate	

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• Input Point Setting

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Door 1	☒ Yes	☐ No	
Door 2	☐ No	☒ Yes	
Door 3	☐ No	☐ No	
Door 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm or Fire
- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination
- **General purpose Output Time Zone:**
Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Barrier 1	☒ Yes	☐ No	
Barrier 2	☐ No	☒ Yes	
Barrier 3	☐ No	☐ No	
Barrier 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm or Fire

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Turnstile 1	☒ Yes	☐ No	
Turnstile 2	☐ No	☒ Yes	
Turnstile 3	☐ No	☐ No	
Turnstile 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm or

Fire

- Parameter: Relay only can be assign to one type of parameter except turnstile + fire combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration** *(This feature was removed since version 3.11.11.01)*
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	21605

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

1

<

>

2

3

...

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

S3200

Name	S3200				
Description	SC2002-30K				
Model	S3200				
Address	255 . 255 . 255 . 2				

Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting
Connection COM - 1 Suspend Polling ☐ No Global Antipassback Group Undefined Antipassback/Card+PIN Reset ☐ No Antipassback/Card+PIN Reset Time Admin/Local Pin Reset ☐ No Admin/Local Pin Reset Time Cross board Interlock Group Undefined Enabled Interlock ☐ No				

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

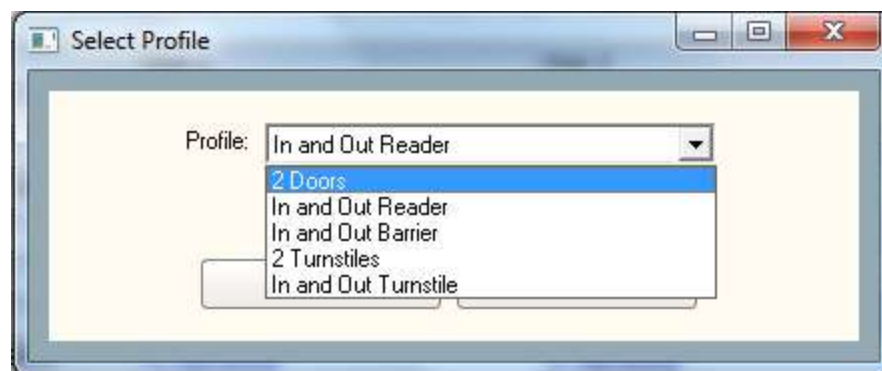
- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select S3200)
- **Address**
Enter the controller address in this slots.

PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Zone Setting			
Connection	COM1 - MOXA			
Suspend Polling	☐ No			
Global Antipassback Group	Undefined			
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time		
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time		
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No	

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Connection:** Setup the serial port for communication
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	S3200_Dr1	S3100_Dr2
Description	Zone1	Zone2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Parameters		Door 1
Name	S3200_Dr1	
Description	Zone1	
Lock release time (sec)	5	
Open time (sec)	15	
Entry Zone ID	1	
Exit Zone ID	2	
Card + PIN Time Zone	0 - Not Active	
Card + PIN Lockout Count	0	
Lock Release Time Zone	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	
Antipassback Lockout	☐ No	

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Parameters		Barrier 1	Barrier 2
Name	S3200_Br1		S3100_BR1
Description	IN Barrier		Out Barrier
Lock release time (sec)	5		5
Open time (sec)	15		15
Entry Zone ID	1		1
Exit Zone ID	2		2
Card + PIN Time Zone	0 - Not Active		0 - Not Active
Card + PIN Lockout Count	0		0
Lock Release Time Zone	0 - Not Active		0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active		1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active		0 - Not Active
Antipassback Lockout	☐ No		☐ No

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Parameters		Turnstile 1	Turnstile 2
Name		S3200_Ts1	S3100_Ts2
Description		Turnstile 1	Turnstile 2
Lock release time (sec)		5	5
Open time (sec)		15	15
Entry Zone ID		1	1
Exit Zone ID		2	2
Card + PIN Time Zone		0 - Not Active	0 - Not Active
Card + PIN Lockout Count		0	0
Lock Release Time Zone		0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone		1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone		0 - Not Active	0 - Not Active
Antipassback Lockout		☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Parameters		Turnstile 1
Name		S3200_Ts1
Description		Turnstile 1
Lock release time (sec)		5
Open time (sec)		15
Entry Zone ID		1
Exit Zone ID		2
Card + PIN Time Zone		0 - Not Active
Card + PIN Lockout Count		0
Lock Release Time Zone		0 - Not Active
Exit Button Enabled Time Zone		1 - 24 Hours Active
Antipassback Time Zone		0 - Not Active
Antipassback Lockout		☐ No

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader
- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform1
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over
- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time
- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Reader 1	Reader 2		
Name	S3.2K_R1	S3.2K_R2		
Description				
Reader Type	Standard Wiegand	Standard Wiegand		
In/Out	☒ In ☐ Out	☐ In ☒ Out		
Bind to Door	1 - S3.2K_TS1	1 - S3.2K_TS1		
HID AGK	N/A	N/A		
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits		
Wiegand Group	Not Available	Not Available		
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active		
Enable Access Limit	☐ No	☐ No		
Bind to Zone	0 - Not use	0 - Not use		
Use Lock Detector	☐ No	☐ No		

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19

7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
Alarm/Siren DurationTime (min)	15		
Arm Delay Time (sec)	1		
Disarm Delay Time (sec)	2		
Arming Time Zone	0 - Not Active		

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Name	Description	Type	Door / Reader
Input 1	DSD1_S3200		1 - Door Sensor	1 - S3.2K_TS1
Input 2	PBD2_S3200		2 - Push Button	1 - S3.2K_TS1
Input 3	PBD3_S3200		2 - Push Button	0 - Not use
Input 4	PBD4_S3200		2 - Push Button	0 - Not use
Input 5			0 - Not use	0 - Not use
Input 6			0 - Not use	0 - Not use
Input 7			0 - Not use	0 - Not use
Input 8			0 - Not use	0 - Not use
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Trigger Mode	Digital / Analog		
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		
Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 6	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		
Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 8	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	5	4
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• Input Point Setting

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Door 1	☒ Yes	☐ No	
Door 2	☐ No	☒ Yes	
Door 3	☐ No	☐ No	
Door 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

- Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Barrier 1	☒ Yes	☐ No	
Barrier 2	☐ No	☒ Yes	
Barrier 3	☐ No	☐ No	
Barrier 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Turnstile 1	☒ Yes	☐ No	
Turnstile 2	☐ No	☒ Yes	
Turnstile 3	☐ No	☐ No	
Turnstile 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm,

On-Board Fire Release, Interlock and Event Triggers

- Parameter: Relay only can be assign to one type of parameter except turnstile + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration** *(This feature was removed since version 3.11.11.01)*
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		
Parameters	Device 1	Device 2			
Use Fingerprint	☒ Yes	☒ Yes			
FP Device ID	36462	21605			

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting		Turnstile Setting +		Reader	Alarm Setting	Input Point Setting +	
Output Relay +		Zone Setting	PELCO Video Matrix Integration		Fingerprint	Event Relay Setting	
Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)	
Event 1	Security On		1 - 24 Hours Active	[Da]	☒ Off ☐ On	0	
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	5	
Event 3			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 4			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 5			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 6			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 7			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 8			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 9			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 10			1 - 24 Hours Active	☐	☐ Off ☒ On	0	

• Event Relay Setting

Configure the event trigger time zone, criteria, trigger on/off and trigger duration
(More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



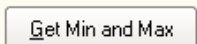
NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Zone Setting
PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Database Storage

Cardholder capacity 

Transaction capacity 

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

- **Advanced Setting**

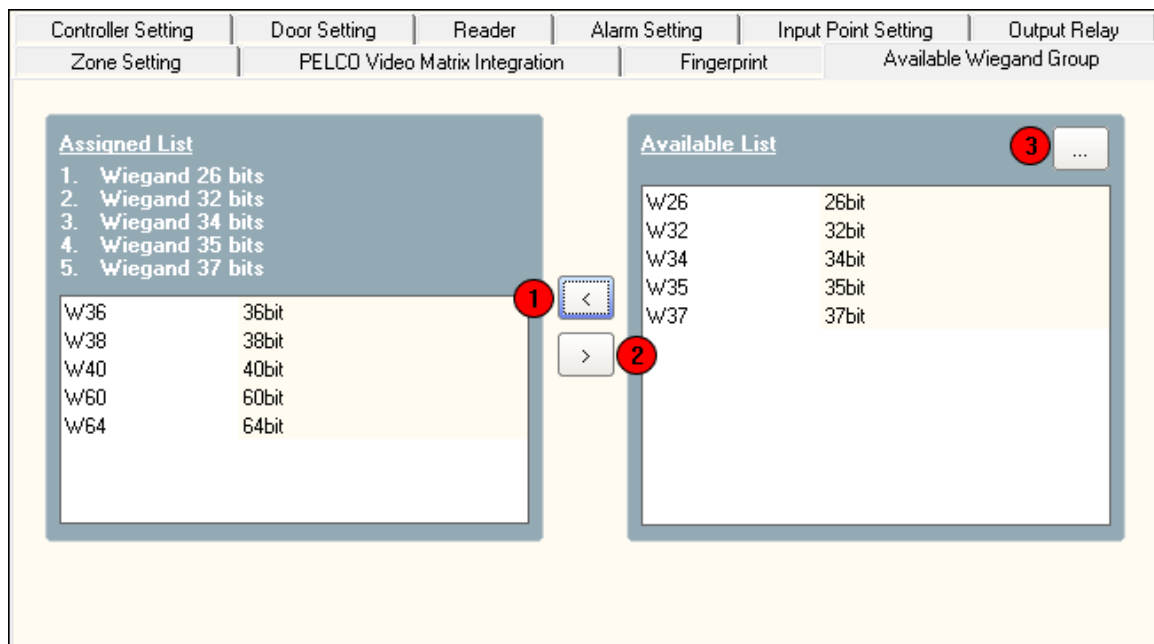
Configure the database storage size (Dynamic Storage)

- **Cardholder Capacity:** *Configure the cardholder capacity*
- **Transaction Capacity:** *Configure the transaction capacity*
- **Get Min and Max:** *Obtain the minimum and maximum of the controller database storage*
- **Set Default:** *Return the default value to the Cardholder and Transaction capacity*

For more information, please refer Appendix F - Dynamic Storage



NOTE: When Cardholder and Transaction capacity is changed for the first time, system will need to get the memory structure from the controller. Therefore, please ensure that controller address, connection location/Current Port number are correct



- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

S3400

Name	S3400				
Description	SC4004-30K				
Model	S3400				
Address	255 . 255 . 255 . 1				

Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting
Output Relay				

Connection	COM - 1		
Suspend Polling	☐ No		
Global Antipassback Group	Undefined		
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

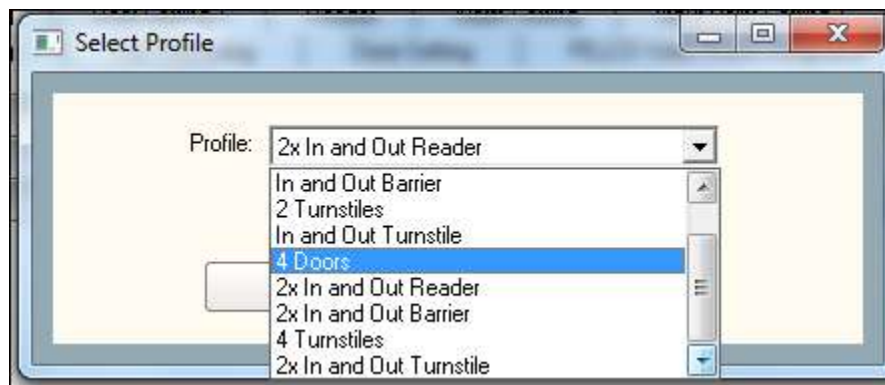
- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select S3400)
- **Address**
Enter the controller address in this slots.

PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Zone Setting			
Connection		COM1 - MOXA		
Suspend Polling		☐ No		
Global Antipassback Group		Undefined		
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time		
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time		
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No	

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Connection:** Setup the serial port for communication
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** 2 Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate
- **4 Doors:** 4 doors mode and each door will have 1 reader
- **2x In and Out Reader:** 2 door mode and each door has in and out reader
- **2x In and Out Barrier:** Car park mode with 2 in and out barrier
- **4 Turnstile:** 4 turnstile mode and each turnstile gate will have 1 reader
- **2x In and Out Turnstile:** 2 turnstile mode and each turnstile has in and out gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	S34_D1	S34_D2
Description	Dr1	Dr2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

PELCO Video Matrix Integration Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group	
Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Zone Setting	
Parameters	Door 1
Name	S34_D1
Description	Dr1
Lock release time (sec)	5
Open time (sec)	15
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

PELCO Video Matrix Integration Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group		
Controller Setting Car Park Setting Reader Alarm Setting Input Point Setting Output Relay Zone Setting		
Parameters	Barrier 1	Barrier 2
Name	S34_B1	S34_B1
Description	in Barrier	out Barrier
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Parameters	Turnstile 1	Turnstile 2
Name	S34_T1	S34_T2
Description	Turnstile 1	Turnstile 2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**

Turnstile mode with 2 turnstile gate

Parameters	Turnstile 1
Name	S34_T1
Description	Turnstile 1
Lock release time (sec)	5
Open time (sec)	15
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

Parameters	Door 1	Door 2	Door 3	Door 4
Name	S34_D1	S34_D2	S34_D3	S34_D4
Description	D1	D2	D3	D4
Lock release time (sec)	5	5	15	15
Open time (sec)	15	15	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 4 Doors Mode**

Four doors (Door 1, Door 2, Door 3 and Door 4) assigned to the controller

Parameters	Door 1	Door 2
Name	S34_Z1	S34_Z2
Description	IN & OUT Door1	In & OUT Door2
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2x In and Out Door Mode**

Two doors (Door 1 and Door 2) with in and out reader assigned to the controller

Parameters	Barrier 1	Barrier 2	Barrier 3	Barrier 4
Name	S34_B1	S34_B2	S34_B3	S34_B4
Description				
Lock release time (sec)	5	5	15	15
Open time (sec)	15	15	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No	☐ No	☐ No

- **Car Park Setting - 2x In and Out Barrier Mode**
Car Park mode with two in and out barrier and reader

Parameters	Turnstile 1	Turnstile 2	Turnstile 3	Turnstile 4
Name	S34_T1	S34_T2	S34_T3	S34_T4
Description				
Lock release time (sec)	5	5	15	15
Open time (sec)	15	15	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active

- **Turnstile Setting - 4 Turnstile Mode**
Turnstile mode with 4 turnstile gate

Parameters	Turnstile 1	Turnstile 2
Name	S34_T1	S34_T2
Description		
Lock release time (sec)	5	5
Open time (sec)	15	15
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2x In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected,

the door will security off by Platform1

- **Fire Release Group:** Assign the door to the fire release group
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over
- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time
- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2	Reader 3
Name	R1	R2	R3
Description	r1	r2	r3
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☐ In ☒ Out	☒ In ☐ Out
Bind to Turnstile	1 - S34_T1	1 - S34_T1	2 - S34_T2
HID AGK	N/A	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bits]
Activated Time Zone	1 - 24 Hours Active	0 - Not Active	1 - 24 Hours Active

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits

3. Wiegand 34-Bits

4. Wiegand 35-Bits

5. Wiegand 37-Bits

6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting		Output Relay	
Alarm/Siren DurationTime (min) 15			
Arm Delay Time (sec) 1			
Disarm Delay Time (sec) 2			
Arming Time Zone 0 - Not Active			

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Parameters	Name	Description	Type	Door/ Reader
Input 1	DSD1_S3400		1 - Door Sensor	1 - Door 1
Input 2	PBD2_S3400		2 - Push Button	1 - Door 1
Input 3	DSD3_S3400		1 - Door Sensor	2 - Door 2
Input 4	PBD4_S3400		2 - Push Button	2 - Door 2
Input 5	DSD5_S3400		1 - Door Sensor	3 - Door 3
Input 6	PBD6_S3400		2 - Push Button	3 - Door 3
Input 7	DSD7_S3400		1 - Door Sensor	4 - Door 4
Input 8	PBD8_S3400		2 - Push Button	4 - Door 4
Parameters	Trigger Mode	Digital/ Analog		
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		
Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 6	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		
Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog		
Input 8	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog		

PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Zone Setting			

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	Immediate	Immediate
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• Input Point Setting

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
General Purpose Output Time Zone 0 - Not Active				
Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☒ Yes	☐ No
Door 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

- Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Controller Setting	Car Park Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting
General Purpose Output Time Zone 0 - Not Active				
Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Barrier 1	☒ Yes	☐ No	☐ No	☐ No
Barrier 2	☐ No	☒ Yes	☐ No	☐ No
Barrier 3	☐ No	☐ No	☒ Yes	☐ No
Barrier 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

• **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
General Purpose Output Time Zone 0 - Not Active			
Parameters	Relay 1	Relay 2	
Turnstile 1	☒ Yes	☐ No	
Turnstile 2	☐ No	☒ Yes	
Turnstile 3	☐ No	☐ No	
Turnstile 4	☐ No	☐ No	
General Purpose	☐ No	☐ No	
Alarm	☐ No	☐ No	
On-Board Fire Release	☐ No	☐ No	
Interlock	☐ No	☐ No	
Event 1 Trigger	☐ No	☐ No	
Event 2 Trigger	☐ No	☐ No	

• **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm,

On-Board Fire Release, Interlock and Event Triggers

- Parameter: Relay only can be assign to one type of parameter except turnstile + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting

Parameters	Turnstile 1		Turnstile 2		Turnstile 3		Turnstile 4	
	Monitor	Camera	Monitor	Camera	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0	0	0	0	0
Set 2	0	0	0	0	0	0	0	0
Set 3	0	0	0	0	0	0	0	0
Set 4	0	0	0	0	0	0	0	0

- ***Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)***
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group		

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	21605

- ***Fingerprint***
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting		Turnstile Setting +		Reader	Alarm Setting	Input Point Setting +	
Output Relay +		Zone Setting	PELCO Video Matrix Integration		Fingerprint	Event Relay Setting	
Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)	
Event 1	Security On		1 - 24 Hours Active	[Da]	☒ Off ☐ On	0	
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	5	
Event 3			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 4			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 5			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 6			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 7			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 8			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 9			1 - 24 Hours Active	☐	☐ Off ☒ On	0	
Event 10			1 - 24 Hours Active	☐	☐ Off ☒ On	0	

• Event Relay Setting

Configure the event trigger time zone, criteria, trigger on/off and trigger duration
(More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Zone Setting
PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Database Storage

Cardholder capacity

Transaction capacity

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

- **Advanced Setting**

Configure the database storage size (Dynamic Storage)

- **Cardholder Capacity:** *Configure the cardholder capacity*
- **Transaction Capacity:** *Configure the transaction capacity*
- **Get Min and Max:** *Obtain the minimum and maximum of the controller database storage*
- **Set Default:** *Return the default value to the Cardholder and Transaction capacity*

For more information, please refer Appendix F - Dynamic Storage



NOTE: When Cardholder and Transaction capacity is changed for the first time, system will need to get the memory structure from the controller. Therefore, please ensure that controller address, connection location/Current Port number are correct

Controller Setting | **Door Setting** | **Reader** | **Alarm Setting** | **Input Point Setting** | **Output Relay**
Zone Setting | **PELCD Video Matrix Integration** | **Fingerprint** | **Available Wiegand Group**

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W/36	36bit
W/38	38bit
W/40	40bit
W/60	60bit
W/64	64bit

Available List

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

Buttons: < (1), > (2), ... (3)

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

N5100

Name	N5100
Description	AN1002-3K
Model	N5100
Address	192.168.1.104

Network Setting	Port Forwarding	Zone Setting	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

Current Port No.	44004
Suspend Polling	☐ No
Global Antipassback Group	Undefined
Antipassback/Card+PIN Reset	☐ No
Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No
Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined
Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select N5100)
- **Address**
Enter the controller IP address in this slots.

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Current Port No.

Suspend Polling ☐ No

Global Antipassback Group [Undefined](#)

Antipassback/Card+PIN Reset ☐ No Antipassback/Card+PIN Reset Time

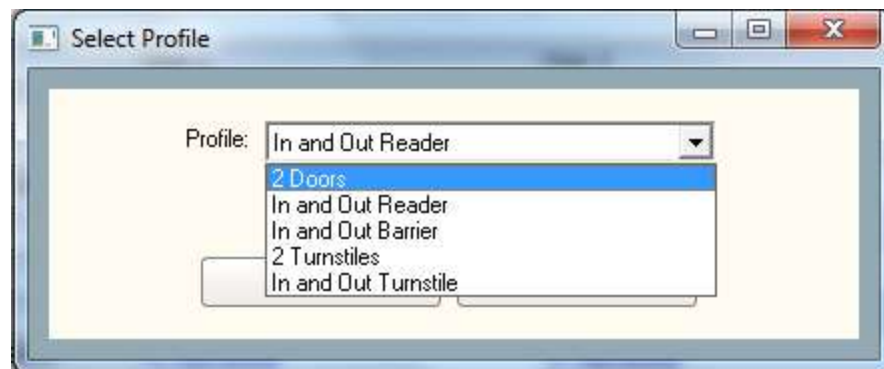
Admin/Local Pin Reset ☐ No Admin/Local Pin Reset Time

Cross board Interlock Group [Undefined](#) Enabled Interlock ☐ No

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Current Port No:** Setup the port number of the N5100
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	N51_D1	N51_D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Parameters	Door 1
Name	N51_D1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Parameters	Barrier 1	Barrier 2
Name	N51_B1	N51_B2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Parameters	Turnstile 1	Turnstile 2
Name	N51_T1	N51_T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Parameters	Turnstile 1
Name	N51_T1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform I
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over
- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time
- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2
Name	R1	R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☐ In ☒ Out
Bind to Turnstile	1 - N51_T1	1 - N51_T1
HID AGK	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bits,	[Wiegand 26-bits, Wiegand 32-bits,
Activated Time Zone	1 - 24 Hours Active	0 - Not Active
Enable Access Limit	☐ No	☐ No

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19

7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting
		Input Point Setting	Output Relay
Alarm/Siren DurationTime (min)		15	
Arm Delay Time (sec)		1	
Disarm Delay Time (sec)		2	
Arming Time Zone		0 - Not Active	

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Parameters	Name	Description	Type	Door/ Reader
Input 1	DSD1_N5100		1 - Door Sensor	0 - Not use
Input 2	PBD2_N5100		2 - Push Button	0 - Not use
Input 3	DSD3_N5100		1 - Door Sensor	0 - Not use
Input 4	PBD4_N5100		2 - Push Button	0 - Not use

Parameters	Trigger Mode	Digital/ Analog
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 2	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 4	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting
Input Point Setting	Output Relay		
Parameters	Trigger State Delay (sec)	Normal State Delay (sec)	
Input 1	5	4	
Input 2	Immediate	Immediate	
Input 3	Immediate	Immediate	
Input 4	Immediate	Immediate	

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group																																	
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay																																	
General Purpose Output Time Zone 0 - Not Active <table border="1"> <thead> <tr> <th>Parameters</th> <th>Relay 1</th> <th>Relay 2</th> </tr> </thead> <tbody> <tr> <td>Door 1</td> <td>☒ Yes</td> <td>☐ No</td> </tr> <tr> <td>Door 2</td> <td>☐ No</td> <td>☒ Yes</td> </tr> <tr> <td>Door 3</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>Door 4</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>General Purpose</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>Alarm</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>On-Board Fire Release</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>Interlock</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>Event 1 Trigger</td> <td>☐ No</td> <td>☐ No</td> </tr> <tr> <td>Event 2 Trigger</td> <td>☐ No</td> <td>☐ No</td> </tr> </tbody> </table>						Parameters	Relay 1	Relay 2	Door 1	☒ Yes	☐ No	Door 2	☐ No	☒ Yes	Door 3	☐ No	☐ No	Door 4	☐ No	☐ No	General Purpose	☐ No	☐ No	Alarm	☐ No	☐ No	On-Board Fire Release	☐ No	☐ No	Interlock	☐ No	☐ No	Event 1 Trigger	☐ No	☐ No	Event 2 Trigger	☐ No	☐ No
Parameters	Relay 1	Relay 2																																				
Door 1	☒ Yes	☐ No																																				
Door 2	☐ No	☒ Yes																																				
Door 3	☐ No	☐ No																																				
Door 4	☐ No	☐ No																																				
General Purpose	☐ No	☐ No																																				
Alarm	☐ No	☐ No																																				
On-Board Fire Release	☐ No	☐ No																																				
Interlock	☐ No	☐ No																																				
Event 1 Trigger	☐ No	☐ No																																				
Event 2 Trigger	☐ No	☐ No																																				

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release and Interlock

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination

- **General purpose Output Time Zone:**

- Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2
Barrier 1	☒ Yes	☐ No
Barrier 2	☐ No	☒ Yes
Barrier 3	☐ No	☐ No
Barrier 4	☐ No	☐ No
General Purpose	☐ No	☐ No
Alarm	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No
Interlock	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release and Interlock

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2
Turnstile 1	☒ Yes	☐ No
Turnstile 2	☐ No	☒ Yes
Turnstile 3	☐ No	☐ No
Turnstile 4	☐ No	☐ No
General Purpose	☐ No	☐ No
Alarm	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No
Interlock	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm,

On-Board Fire Release and Interlock

- Parameter: Relay only can be assign to one type of parameter except turnstile + fire combination

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Active Engine

Active Engine ID

New Setting

Controller Address

Port No.

Subnet Mask

Gateway

- **Network Setting**

- **Active Engine ID:** Select the active engine ID for the controller
- **Controller Address:** Configure a new controller IP address
- **Port No.:** Configure a new controller port number
- **Subnet Mask:** Configure a new controller subnet mask
- **Gateway:** Configure a new controller gateway

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Remote Router [Undefined](#)

Current Port No.

New Port No.

- **Port Forwarding - Remote Router**

Configure a remote router to communicate with the controller

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration** (This feature was removed since version 3.11.11.01)
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	56213

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

AES

Use AES Encryption ☐ No

- **Advanced Setting**

Enable or disable the AES encryption of the controller (More information please refer appendix F - AES Encryption)

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Advanced Setting	Available Wiegand Group	

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

1 <

> 2

Available List

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

3 ...

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

- 1. Move the Wiegand format to assigned list from available list*
- 2. Remove the Wiegand format from assigned list*
- 3. Click this button to link to Wiegand Group Configuration Form*



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

N5200

Name	N5200
Description	AN2002-30K
Model	N5200
Address	192.168.1.103

Port Forwarding	Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Current Port No.	44003
Suspend Polling	☐ No
Global Antipassback Group	Undefined
Antipassback/Card+PIN Reset	☐ No
Antipassback/Card+PIN Reset Time	
Admin/Local Pin Reset	☐ No
Admin/Local Pin Reset Time	
Cross board Interlock Group	Undefined
Enabled Interlock	☐ No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

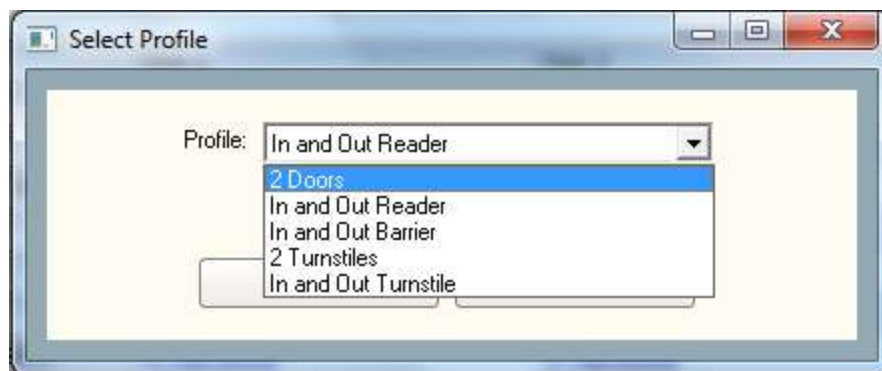
- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select N5200)
- **Address**
Enter the controller IP address in this slots.

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
Network Setting					

Current Port No.	44003
Suspend Polling	☐ No
Global Antipassback Group	Undefined
Interlocking Group	Undefined
Antipassback/Card+PIN Reset	☐ No
Antipassback/Card+PIN Reset Time	...
Admin/Local Pin Reset	☐ No
Admin/Local Pin Reset Time	...

- **Controller Setting**

- **Current Port No:** Setup the port number of the N5200
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader

- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay

Parameters	Door 1
Name	D1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Barrier 1	Barrier 2
Name	B1	B2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	T1	T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1
Name	T1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter
- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform I
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over
- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time
- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2
Name	R1	R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☒ In ☐ Out
Bind to Door	1 - T1	2 - T2
HID AGK	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits,	[Wiegand 26-bits,Wiegand 32-bits,
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	☐ No	☐ No

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19

7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits
3. Wiegand 34-Bits
4. Wiegand 35-Bits
5. Wiegand 37-Bits
6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Alarm/Siren DurationTime (min)	15
Arm Delay Time (sec)	15
Disarm Delay Time (sec)	15
Arming Time Zone	0 - Not Active

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Parameters	Name	Description	Type	Door/ Reader
Input 1	DSD1_N5200		1 - Door Sensor	1 - n52_t1
Input 2	PBD2_N5200		2 - Push Button	1 - n52_t1
Input 3	DSD3_N5200		1 - Door Sensor	2 - n52_t2
Input 4	PBD4_N5200		2 - Push Button	2 - n52_t2
Input 5			0 - Not use	0 - Not use
Input 6			0 - Not use	0 - Not use
Input 7			0 - Not use	0 - Not use
Input 8			0 - Not use	0 - Not use

Parameters	Trigger Mode	Digital/ Analog
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 6	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 8	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	5	4
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• Input Point Setting

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
General Purpose Output Time Zone				0 - Not Active	

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☐ No	☐ No
Door 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

- Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Barrier 1	☒ Yes	☐ No	☐ No	☐ No
Barrier 2	☐ No	☒ Yes	☐ No	☐ No
Barrier 3	☐ No	☐ No	☐ No	☐ No
Barrier 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Turnstile 1	☒ Yes	☐ No	☐ No	☐ No
Turnstile 2	☐ No	☒ Yes	☐ No	☐ No
Turnstile 3	☐ No	☐ No	☐ No	☐ No
Turnstile 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm,

On-Board Fire Release, Interlock and Event Triggers

- Parameter: Relay only can be assign to one type of parameter except turnstile + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Active Engine

Active Engine ID

New Setting

Controller Address

Port No.

Subnet Mask

Gateway

- **Network Setting**

- **Active Engine ID:** Select the active engine ID for the controller
- **Controller Address:** Configure a new controller IP address
- **Port No.:** Configure a new controller port number
- **Subnet Mask:** Configure a new controller subnet mask
- **Gateway:** Configure a new controller gateway

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Remote Router [Undefined](#)

Current Port No.

New Port No.

- **Port Forwarding - Remote Router**

Configure a remote router to communicate with the controller

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Parameters	Turnstile 1		Turnstile 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- **Pelco Video Matrix Integration** (This feature was removed since version 3.11.11.01)
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	

Parameters	Device 1	Device 2
Use Fingerprint	☒ Yes	☒ Yes
FP Device ID	36462	56213

- **Fingerprint**
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Controller Setting		Turnstile Setting		Reader	Alarm Setting	Input Point Setting
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration		
Fingerprint	Event Relay Setting		Advanced Setting		Available Wiegand Group	

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Security On		1 - 24 Hours Active	[Da]	☐ Off ☒ On	2
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	15
Event 3			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 4			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 5			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 6			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 7			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 8			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 9			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 10			1 - 24 Hours Active	☐	☐ Off ☒ On	0

• Event Relay Setting

Configure the event trigger time zone, criteria, trigger on/off and trigger duration
(More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

AES

Use AES Encryption
☐ No

Database Storage

Cardholder capacity

30000

Get Min and Max

Transaction capacity

80000

Set default

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

- **Advanced Setting**

1. **AES:** Enable or disable the AES encryption of the controller (More information please refer appendix F - AES Encryption)
2. **Database Storage:** Configure the database storage size (Dynamic Storage)
 - **Cardholder Capacity:** Configure the cardholder capacity
 - **Transaction Capacity:** Configure the transaction capacity
 - **Get Min and Max:** Obtain the minimum and maximum of the controller database storage
 - **Set Default:** Return the default value to the Cardholder and Transaction capacity

For more information, please refer Appendix F - Dynamic Storage

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

Available List

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

<

>

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

N5400

Name	N5400				
Description	AN4004-30K				
Model	N5400 ▼				
Address	192 . 168 . 1 . 102				

Port Forwarding	Zone Setting	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting					

Current Port No.	44002 ▲▼				
Suspend Polling	☐ No				
Global Antipassback Group	Undefined				
Antipassback/Card+PIN Reset	☐ No	Antipassback/Card+PIN Reset Time	: :		
Admin/Local Pin Reset	☐ No	Admin/Local Pin Reset Time	: :		
Cross board Interlock Group	Undefined	Enabled Interlock	☐ No		

Hint: Cross board Interlock only supported to 1 controller

[Load Profile](#)

[Accept](#)

[Cancel](#)

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

- **Name**
The name to identify the controller. The name entered must be unique.
- **Description**
Enter the description of the controller which going to be installed.
- **Model**
Select the model according to the controller installed. (Select N5400)
- **Address**
Enter the controller IP address in this slots.

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Current Port No.

Suspend Polling ☐ No

Global Antipassback Group [Undefined](#)

Antipassback/Card+PIN Reset ☐ No Antipassback/Card+PIN Reset Time

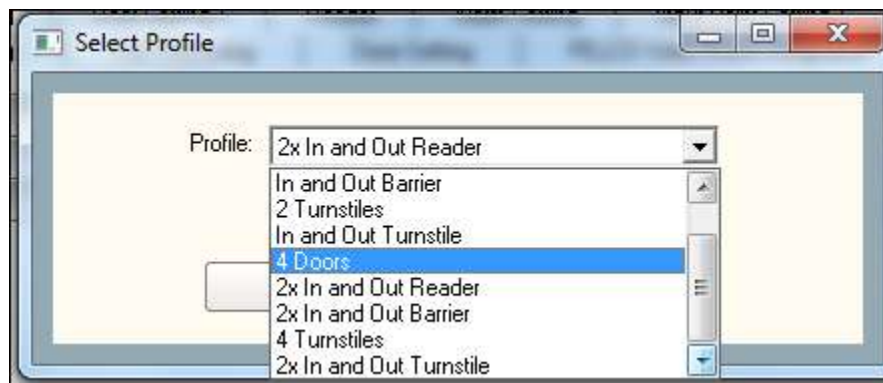
Admin/Local Pin Reset ☐ No Admin/Local Pin Reset Time

Cross board Interlock Group [Undefined](#) Enabled Interlock ☐ No

Hint: Cross board Interlock only supported to 1 controller

- **Controller Setting**

- **Current Port No:** Setup the port number of the N5400
- **Suspend Polling:** Disable the communication with controller
- **Global Antipassback Group:** Assign controller to a global antipassback group
- **Antipassback/Card+Pin Reset:** Enable antipassback or Card + Pin lockout reset timer
- **Antipassback/Card+Pin Reset Time:** Setup the time to perform antipassback or Card + Pin lockout reset
- **Admin/Local Pin Reset:** Enable admin/local pin reset timer
- **Admin/Local Pin Reset Time:** Setup the time to perform admin/local pin reset
- **Cross Board Interlock Group:** Assign this controller to a Interlock group for cross board interlock setup (Note: User must Enable Interlock for this feature to functional)
- **Enabled Interlock:** Tick the check box to enable the interlock features



- **Select Profile**

- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate
- **2 Doors:** 2 doors mode and each door will have 1 reader
- **In and Out Reader:** 1 door mode and has in and out reader
- **In and Out Barrier:** Car park mode with in and out barrier
- **2 Turnstiles:** 2 Turnstile mode and each turnstile gate will have 1 reader
- **In and Out Turnstile:** 1 turnstile mode and has in and out turnstile gate
- **4 Doors:** 4 doors mode and each door will have 1 reader
- **2x In and Out Reader:** 2 door mode and each door has in and out reader
- **2x In and Out Barrier:** Car park mode with 2 in and out barrier
- **4 Turnstile:** 4 turnstile mode and each turnstile gate will have 1 reader
- **2x In and Out Turnstile:** 2 turnstile mode and each turnstile has in and out gate



NOTE: This is only to load default setting for each profile, user still can change the setting if they wish to

Parameters	Door 1	Door 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2 Doors Mode**

Two door (Door 1 and Door 2) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Door 1
Name	D1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - In and Out Reader Mode**

Single door (Door 1 only) with in and out reader assigned to the controller

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Barrier 1	Barrier 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Car Park Setting - In and Out Barrier Mode**

Car Park mode with in and out barrier and reader

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	T1	T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2 Turnstile Mode**
Turnstile mode with 2 turnstile gate

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1
Name	T1
Description	
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	☐ No

- **Turnstile Setting - In and Out Turnstile Mode**
Turnstile mode with 1 turnstile gate and 1 set in and out reader

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Door 1	Door 2	Door 3	Door 4
Name	D1	D2	D3	D4
Description				
Lock release time (sec)	15	15	15	15
Open time (sec)	30	30	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 4 Doors Mode**

Four doors (Door 1, Door 2, Door 3 and Door 4) assigned to the controller

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Door 1	Door 2
Name	D1	D2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

Hint: Interlock selectable by door only applicable on Phase 4 or above.

- **Door Setting - 2x In and Out Readers Mode**

Two doors (Door 1 and Door 2) with in and out reader assigned to the controller

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting
Parameters	Barrier 1	Barrier 2	Barrier 3	Barrier 4
Name	B1	B2	B3	B4
Description				
Lock release time (sec)	15	15	15	15
Open time (sec)	30	30	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No	☐ No	☐ No

- **Car Park Setting - 2x In and Out Barrier Mode**
Car Park mode with two in and out barrier and reader

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Parameters	Turnstile 1	Turnstile 2	Turnstile 3	Turnstile 4
Name	T1	T2	T3	T4
Description				
Lock release time (sec)	15	15	15	15
Open time (sec)	30	30	30	30
Entry Zone ID	1	1	1	1
Exit Zone ID	2	2	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No	☐ No	☐ No

- **Turnstile Setting - 4 Turnstile Mode**
Turnstile mode with 4 turnstile gate

Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	T1	T2
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No

- **Turnstile Setting - 2x In and Out Turnstile Mode**

Turnstile mode with 1 turnstile gate and 1 set in and out reader

- **Door/Car Park/Turnstile Configuration:**

- **Name:** Door Name
- **Description:** Door Description
- **Lock release time (sec):** Configure how long the lock release time
- **Open time (sec):** Configure how long the door can be opened before the buzzer beep
- **Entry Zone ID:** Assign an ID to represent the entry zone
- **Exit Zone ID:** Assign an ID to represent the exit zone
- **Card + Pin Time Zone*:** Setup the time zone to enable card + pin operation
- **Card + Pin Lockout Count*:** Configure the numbers of trial before bar the card holder if the system detected incorrect card pin
- **Lock Release Time Zone:** Setup the time zone to release the lock
- **Exit button enabled time zone:** Setup the time zone to enable the usage of exit button
- **Antipassback Time Zone:** Setup the antipassback time zone for the controller
- **Antipassback Lockout:** Lockout count refer to the number of antipassback violation occur
- **Buddy Mode Time Zone*:** Setup time zone to enable buddy mode operation
- **Pin 1, 2, 3*:** Setup local pin 1, 2, 3
- **Pin 1, 2, 3 Time Zone*:** Setup time zone to enable usage of local pin 1, 2, 3
- **Pin Lockout Count*:** Pin lockout count refer to the wrong pin entered occur
- **Time Attendance Reader:** Enable the door for time attendance reporting
- **Roll Call Group:** Assign the door to a roll call group
- **Check Card Expiry Date:** Enable the system to check card expiry date when flashing the card to enter

- **Software Fire Release:** Enable the fire release function so that when fire is detected, the door will security off by Platform I
- **Fire Release Group:** Assign the door to the fire release group
- **Security Mode:** Configure the security mode for the door to high or low
- **Keyed Card + PIN Time Zone:** Setup the Keyed Card + Pin time zone so that within the time zone users can key in their card number and card pin to access without flashing the card (More information please refer appendix F - Keyed Card + Pin)
- **Enable Interlock:** Enable the interlock to specific door (Note: Controller Interlock must enable first before door interlock to be functional)
- **Lock Energize Option - By Open Time:** If select this option the lock will keep energize (Follow Open Time) after the release time is over
- **Lock Energize Option - By Release Time:** If this option is selected, the lock will only energize within the Lock Release Time
- **Door Sensor Delay (0.1s):** If user give a value to this option, the door sensor will have a delay before it detect the door is open/close (Note: Value:1 is equal to 0.1s, e.g.: 1 Minute = Value:10)



NOTE: Card + Pin TZ, Card + Pin Lockout Count, Buddy Mode TZ, Pins, Pins TZ, Pin Lockout Count configurations are not applicable for car park mode and turnstile mode



NOTE: When Keyed Card + Pin is activate, local pin will automatically deactivated



NOTE: Is Recommend to choose "Lock Energize Option - By Release Time" if the EM Lock comes with Built in Sensor

Parameters	Reader 1	Reader 2	Reader 3	Reader 4
Name	R1	R2	R3	R4
Description				
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out
Bind to Door	1 - T1	2 - T2	3 - T3	4 - T4
HID AGK	N/A	N/A	N/A	N/A
Wiegand Option	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple	☐ Single ☒ Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg	[Wiegand 26-bits,Wieg
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active	1 - 24 Hours Active

• Reader Setting

- **Name:** Reader Name

- **Description:** Reader Description

- **Reader Type:**

1. Standard Wiegand
2. HID Integrated Keypad
3. Rosslare Integrated Keypad
4. Suprema
5. HID Proximity

- **In/Out:** Configure the reader as in reader or out reader

- **Bind to door:** Configure the reader to bind with any door

- **HID AGK:** Configure the HID Integrated keypad AGK format (More information please refer appendix F - HID AGK)

1. 00
2. 09
3. 10
4. 11
5. 14
6. 19
7. 20

- **Wiegand Option:** Select "Single" if the controller is non multi-Wiegand type (e.g.: HCB Batch 1,2,3)

Select "Multiple" if the controller is multi-Wiegand type (e.g.: HCB Batch 4 and above)

- **Wiegand Format:** (More information please refer appendix F - Wiegand Custom Multi Bit)

1. Wiegand 26-Bits
2. Wiegand 32-Bits

3. Wiegand 34-Bits

4. Wiegand 35-Bits

5. Wiegand 37-Bits

6. Custom

- **Wiegand Group:** Select the Wiegand format created in the Wiegand Group (For Custom Wiegand Format Only)

- **Wiegand Group Selection:** Select Maximum 10 Wiegand formats for the multi-Wiegand controller

- **Activated Time Zone:** Setup a time zone to enable the operation of the reader

- **Enable Access Limit:** Enable the access limit/counter for the reader

- **Bind to Zone:** Configure the reader to bind with any zone

- **Use Loop Detector:** Enable the loop detector operation (For Car Park)

- **Bypass Access Limit:** Temporary by pass the access limit without reset the counter



NOTE: Wiegand Format and Wiegand Group can be configurable if the Wiegand Option is "Single"



NOTE: Wiegand Group Selection can be configurable if the Wiegand Option is "Multiple"



NOTE: HID AGK configuration will only selectable if reader type selected as HID Integrated Keypad



NOTE: For Custom Wiegand Format, user can select a created Wiegand format from Control Panel > System > Wiegand Group



NOTE: If HID AGK is used, Local PIN and Keyed Card + PIN feature will be disabled when Card No. bit length and PIN No. bit length is the same

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Alarm/Siren DurationTime (min)	15
Arm Delay Time (sec)	15
Disarm Delay Time (sec)	15
Arming Time Zone	0 - Not Active

- **Alarm Setting**

- **Alarm/Siren Duration Time (Min):** Configure the alarm/siren toggle interval duration time
- **Arm Delay Time (Sec):** Configure the delay time before the alarm system is armed
- **Disarm Delay Time (Sec):** Configure the delay time before the alarm/siren triggered (To give time user to disarm the alarm)
- **Arming Time Zone:** Setup a time zone for the alarm system to arm



NOTE: If the Arming Time Zone is enabled, Door Force Open Alarm Features will enabled. So the alarm will be triggered by Door Force Open action

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
Network Setting					

Parameters	Name	Description	Type	Door/ Reader
Input 1	DSD1_N5400		1 - Door Sensor	1 - N54_T1
Input 2	PBD2_N5400		2 - Push Button	1 - N54_T1
Input 3	DSD3_N5400		1 - Door Sensor	2 - N54_T2
Input 4	PBD4_N5400		2 - Push Button	2 - N54_T2
Input 5	DSD5_N5400		1 - Door Sensor	3 - N54_T3
Input 6	PBD6_N5400		2 - Push Button	3 - N54_T3
Input 7	DSD7_N5400		1 - Door Sensor	4 - N54_T4
Input 8	PBD8_N5400		2 - Push Button	4 - N54_T4

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
Network Setting					

Parameters	Trigger Mode	Digital/ Analog
Input 1	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 2	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 3	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 4	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 5	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 6	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog
Input 7	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
Input 8	☐ Open Trigger ☒ Close Trigger	☒ Digital ☐ Analog

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	Immediate	Immediate
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

• **Input Point Setting**

- **Name:** Input point name (Input point name will be auto assigned to door sensor, push button, loop detector, tamper)

- **Description:** Input point description

- **Type:**

1. Not Use
2. Door Sensor - Auto assign if profile is door mode
3. Push Button - Auto assign if profile is door mode
4. General Purpose
5. Fire Input
6. Loop Detector - Auto assign if profile is car park mode
7. Tamper
8. Alarm

- **Door/Reader:** Bind the input point to any door or reader

- **Trigger Mode:**

1. Open Trigger
2. Close Trigger

- **Digital/Analog:** Configure the input point as digital or analog (If analog chosen, trigger mode selection will be disabled)

- **Input Trigger/Normal State Delay:** Set a delay time before change to trigger state or normal state

For more information, please refer Appendix F - Input Trigger/Normal State Delay



NOTE: Input Trigger/Normal State Delay only applicable for HCB Batch 4 and above

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☒ Yes	☐ No
Door 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Door Mode**

- **Relay:** Configure the relay to be triggered by Door, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except door + fire combination and any events trigger combination

- **General purpose Output Time Zone:**

Setup a time zone for GP relay to trigger if no GP input assigned or trigger the GP within the GP time zone if GP input is assigned

Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Barrier 1	☒ Yes	☐ No	☐ No	☐ No
Barrier 2	☐ No	☒ Yes	☐ No	☐ No
Barrier 3	☐ No	☐ No	☐ No	☐ No
Barrier 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Car Park Mode**

- **Relay:** Configure the relay to be triggered by Barrier, General Purpose, Alarm, On-Board Fire Release, Interlock and Event Triggers

- **Parameter:** Relay only can be assign to one type of parameter except barrier + fire combination and any events trigger combination

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

General Purpose Output Time Zone [0 - Not Active](#)

Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Turnstile 1	☒ Yes	☐ No	☐ No	☐ No
Turnstile 2	☐ No	☒ Yes	☐ No	☐ No
Turnstile 3	☐ No	☐ No	☒ Yes	☐ No
Turnstile 4	☐ No	☐ No	☐ No	☒ Yes
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
On-Board Fire Release	☐ No	☐ No	☐ No	☐ No
Interlock	☐ No	☐ No	☐ No	☐ No
Event 1 Trigger	☐ No	☐ No	☐ No	☐ No
Event 2 Trigger	☐ No	☐ No	☐ No	☐ No

- **Output Relay Setting - Turnstile Mode**

- **Relay:** Configure the relay to be triggered by Turnstile, General Purpose, Alarm,

On-Board Fire Release, Interlock and Event Triggers

*- **Parameter:** Relay only can be assign to one type of parameter except turnstile + fire combination and any events trigger combination*

Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting
Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group	
Output Relay	Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration

Active Engine

Active Engine ID

New Setting

Controller Address

Port No.

Subnet Mask

Gateway

- **Network Setting**

- **Active Engine ID:** Select the active engine ID for the controller
- **Controller Address:** Configure a new controller IP address
- **Port No.:** Configure a new controller port number
- **Subnet Mask:** Configure a new controller subnet mask
- **Gateway:** Configure a new controller gateway

Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group
Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay
Network Setting	Port Forwarding				

Remote Router [Undefined](#)

Current Port No.

New Port No.

- **Port Forwarding - Remote Router**

Configure a remote router to communicate with the controller

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	30000	30000

- **Zone Setting**

Configure the Zone ID and Maximum In-Count for access limit purpose

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Door 1		Door 2	
	Monitor	Camera	Monitor	Camera
Set 1	0	0	0	0
Set 2	0	0	0	0
Set 3	0	0	0	0
Set 4	0	0	0	0

- ***Pelco Video Matrix Integration (This feature was removed since version 3.11.11.01)***
Configure PELCO video matrix integration for each door/barrier/turnstile

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Parameters	Device 1	Device 2	Device 3	Device 4
Use Fingerprint	☒ Yes	☒ Yes	☒ Yes	☒ Yes
FP Device ID	36462	56213	12123	12124

- ***Fingerprint***
Configure the Suprema biometric device ID



NOTE: Reader type must be set to Suprema in order for Suprema Integration to work

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Security On		1 - 24 Hours Active	[Da]	☐ Off ☒ On	2
Event 2	Security Off		1 - 24 Hours Active	[Db]	☐ Off ☒ On	15
Event 3			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 4			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 5			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 6			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 7			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 8			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 9			1 - 24 Hours Active	☐	☐ Off ☒ On	0
Event 10			1 - 24 Hours Active	☐	☐ Off ☒ On	0

• Event Relay Setting

Configure the event trigger time zone, criteria, trigger on/off and trigger duration
(More information please refer appendix F - Event Trigger)

- **Name:** Trigger event name
- **Description:** Trigger event description
- **Activated Time Zone:** Trigger event activation time zone
- **Criteria:** Transaction which will trigger the event relay
- **Trigger:** Trigger On/Off the event relay
- **Duration:** Setup the time for event relay trigger on



NOTE: The trigger duration only applicable for trigger on only

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

AES

Use AES Encryption
☐ No

Database Storage

Cardholder capacity

30000

Get Min and Max

Transaction capacity

80000

Set default

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

- **Advanced Setting**

1. **AES:** Enable or disable the AES encryption of the controller (More information please refer appendix F - AES Encryption)
2. **Database Storage:** Configure the database storage size (Dynamic Storage)
 - **Cardholder Capacity:** Configure the cardholder capacity
 - **Transaction Capacity:** Configure the transaction capacity
 - **Get Min and Max:** Obtain the minimum and maximum of the controller database storage
 - **Set Default:** Return the default value to the Cardholder and Transaction capacity

For more information, please refer Appendix F - Dynamic Storage

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

Assigned List

1. Wiegand 26 bits
2. Wiegand 32 bits
3. Wiegand 34 bits
4. Wiegand 35 bits
5. Wiegand 37 bits

W36	36bit
W38	38bit
W40	40bit
W60	60bit
W64	64bit

1

<

>

2

3

...

W26	26bit
W32	32bit
W34	34bit
W35	35bit
W37	37bit

- **Available Wiegand Group**

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

22.5 AES Encryption

AES Configuration in Wizard

Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-00-6A]

Please fill up some basic information about this controller. These information will be used to identify this controller.

General Setting

Controller Name *	N5400	Description	1x64mb SPI
Door 1 Name *	N54_D1	Description	Dr A
Door 2 Name *	N54_D2	Description	Dr B
Door 3 Name *	N54_D3	Description	Dr C
Door 4 Name *	N54_D4	Description	Dr D

Profile

Description: 4 Doors

Reader Setting

Reader 1 Name *	N54_R1	Description	Rdr A
Reader 2 Name *	N54_R2	Description	Rdr B
Reader 3 Name *	N54_R3	Description	Rdr C
Reader 4 Name *	N54_R4	Description	Rdr D

Advanced Setting

☒ Use AES Encryption

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

Enable AES Encryption while adding controller via Wizard

- Tick 'Use AES Encryption' check box under Advanced Setting of Add New Controller Wizard windows

AES Configuration in Controller - Edit / Controller - Add

Controller Setting | Door Setting | Reader | Alarm Setting | Input Point Setting | Output Relay | Network Setting | Port Forwarding | Zone Setting | PELCO Video Matrix Integration | Fingerprint | Event Relay Setting | **Advanced Setting** | Available Wiegand Group

AES

Use AES Encryption ☐ No

Database Storage

Cardholder capacity

Transaction capacity

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

Enable AES Encryption from Controller > Advanced Setting while adding a new controller or edit the existing controller

- Tick 'Use AES Encryption' check box under advanced setting tab

Changing the AES User Key

The screenshot shows the 'Preferences - Edit' dialog box with the 'System' tab selected. The dialog has a title bar 'Preferences - Edit' and a tabbed interface. The tabs are: PELCO Video Matrix Integration, N-MINI, Active Engine, Transaction Server, Suprema, Additional Modules, System (selected), Controller, Alarm, User Defined Field, Email Notification, SMS Notification, Report, and Miscellaneous. The 'System' tab contains four sections: 'Software' with 'Digits version' (10 Digits), 'User Key (AES)' (12345678), and 'Retype User Key (AES)' (xxxxxxxx); 'Hard Disk' with 'Min Warning Level (MB)' (1000), 'Min Free Level (MB)' (500), and radio buttons for 'If Min Free Level is reached, please' (Stop polling selected, Purge old transactions unselected); 'Process' with 'Enable Debug Mode' (No); and 'Startup' with 'Run when Windows starts' (No). 'Accept' and 'Cancel' buttons are at the bottom right.

PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification
Report	Miscellaneous				

Software

Digits version: 10 Digits

User Key (AES): 12345678

Retype User Key (AES): xxxxxxxx

Hard Disk

Min Warning Level (MB): 1000 (Min: 1000, Max: 1500)

Min Free Level (MB): 500 (Min: 500, Max: 800)

If Min Free Level is reached, please: ☒ Stop polling ☐ Purge old transactions (earliest 1 day)

Process

Enable Debug Mode: ☐ No

Startup

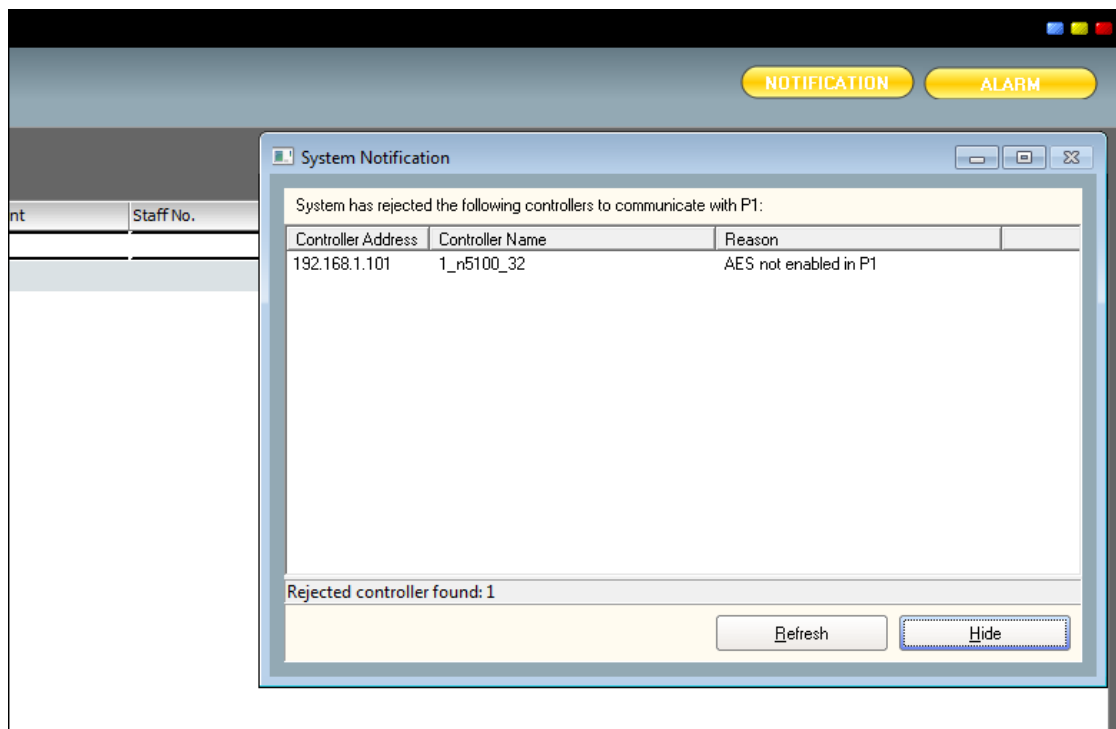
Run when Windows starts (WinNT or above will require Administrator login): ☐ No

Accept Cancel

Change the AES User Key at Preference > System

- Default AES User Key is 12345678
- User is advisable to change to AES User Key for security purpose
- User can change it to any AES User Key in numeric, alphabet, or combination of numeric and alphabet

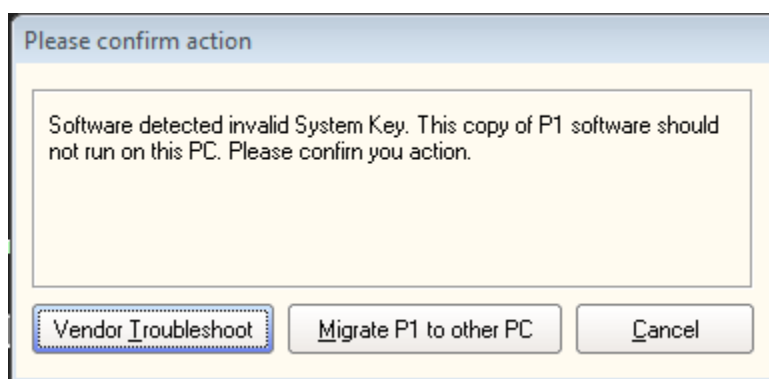
System Notification for AES



System Notification will show the reason of system rejecting the controller communication

- AES not enabled in P1: The controller setting in P1 is without AES but the controller is AES enabled
- AES Key Mismatch: The controller AES key and P1 AES key are not match

Platform 1 Migration



If the Platform 1 software is migrated to another computer, when the Platform 1 is executed, a pop out will appear for user to choose

Vendor Troubleshoot

- This option is used by vendor for troubleshoot purposes, by choosing it, AES

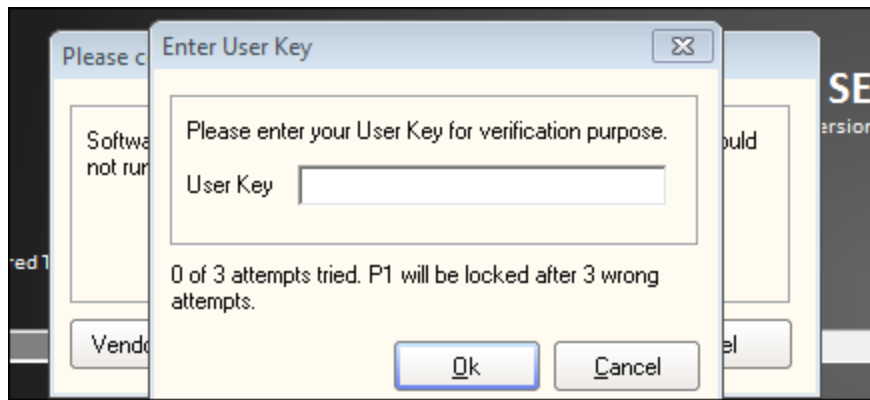
User key in the Platform1 database will be wiped

- So, other same model controller can be assign to the existing database for troubleshooting purposes
- AES hard reset is required if the controller assigned to existing database is AES encrypted



NOTE: AES Hard Reset - Places a jumper on JP1 (3-4) and perform reset

Migrate P1 to other PC



- This option is used by Platform 1 software owner after reinstall the P1 in new PC with existing database
- If 'Migrate P1 to other PC' option is chosen, user is required to enter the existing AES User Key for verification purpose
- Only 3 attempts try for user key, P1 will be locked after 3 wrong attempts
- User is required to contact vendor for help and support if the P1 is locked

22.6 Device List

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5200		Down										Unknown
			N5200 DR1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	
S3200		Up										AC Power
			DR0		Door Closed	Lock		No Tamper	No Tamper	No Tamper	No Tamper	
			DR1		Door Closed	Lock						

1. Reader Status and Mode - Showing the status of the reader tamper input point and reader tamper mode

2. Power - Showing the power source status of the controller

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5200		Down										Unknown
			N5200 DR1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	
S3200		Up										AC Power
			DR0		Door Closed	Lock		No Tamper	No Tamper	No Tamper	No Tamper	
			DR1		Door Closed	Lock						

3. Door Operation:

- Security Off - Unlock the door
- Security On - Lock the door
- Pulse Door Open - Temporary unlock the door according to the release time

- Inhibit Door- Permanently lock the door
- Uninhibit Door - Unlock the inhibited door
- Security Off All Doors - Unlock all controllers' doors in the device list
- Security On All Doors - Lock all controllers' doors in the device list
- Pulse Door Open All Doors - Temporary unlock all controllers' doors in the device list according to the release time
- Inhibit All Doors - Permanently lock all the controllers' doors in the device list
- Uninhibit All Doors - Unlock all inhibited doors in the device list
- Door Status and Lock/Arm State icons:

 Door Closed  Lock

- The door is locked and closed

 Door Closed  Unlock

- Lock is unlocked and door sensor sense the door is closed

 Door Opened  Unlock

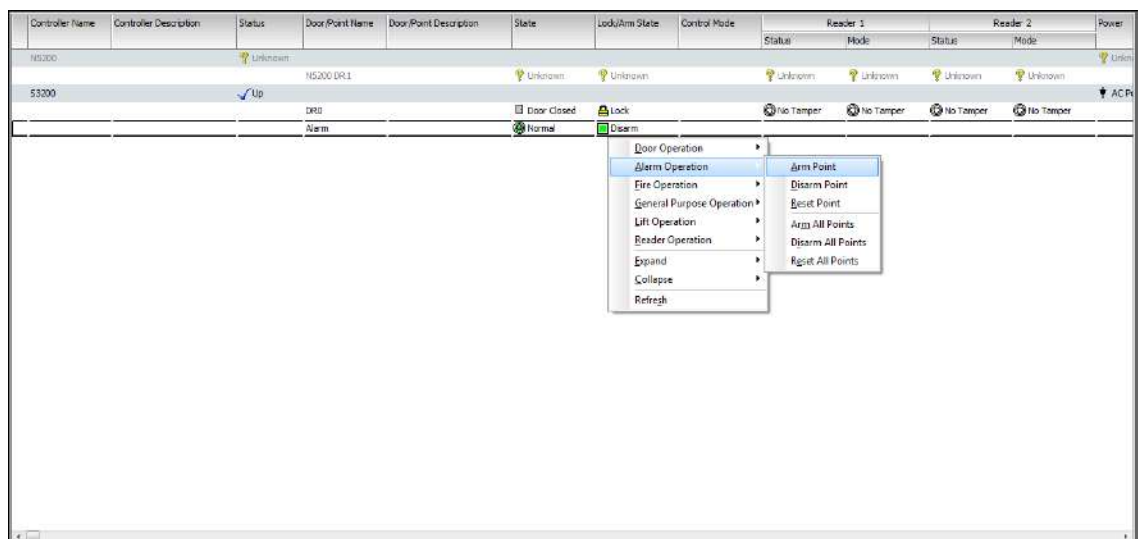
- Lock is unlocked and door sensor sense the door is opened

 Left Opened  Lock

- Door is left opened after the door open time

 Forced Opened  Lock

- Door is force opened while the door is locked



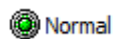
Normal Alarm Operation

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel						
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State
N5400	1x64mb SPI	✓ Up				Alarm
			N54_D1	Dr A	Forced Opened	Lock
			N54_D2	Dr B	Door Closed	Lock
			N54_D3	Dr C	Door Closed	Lock
			N54_D4	Dr C	Door Closed	Lock

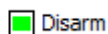
Door Force Open Trigger Alarm (Only for Batch 4 and above HCB Controller)

4. Alarm Operation:

- Arm Point - To arm the point if the system administrator wish to enable the alarm point to trigger
- Disarm Point - To disarm the point if the system administrator wish to temporarily disable the alarm from triggering
- Reset Point - To reset back the point from Cut Status (Alarm) to Normal Status (Arm)
- Arm All Point - To arm all points in device list if the system administrator wish to enable the alarm point to trigger
- Disarm All Point - To disarm all points in device list if the system administrator wish to temporarily disable the alarm from triggering
- Reset All Point - To reset back all points in device list from Cut Status (Alarm) to Normal Status (Arm)
- Alarm Status and Lock/Arm State icons:



Normal



Disarm

- Digital/Analog alarm input sensor is not triggered and alarm system is disarmed

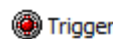


Normal



Arm

- Digital/Analog alarm input sensor is not triggered and alarm system is armed



Trigger



Trigger

- Digital/Analog alarm input sensor is triggered and alarm system is triggered (Undergoing disarm delay process)

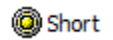


Trigger



Alarm

- Digital/Analog alarm input sensor is triggered and alarm system is activated

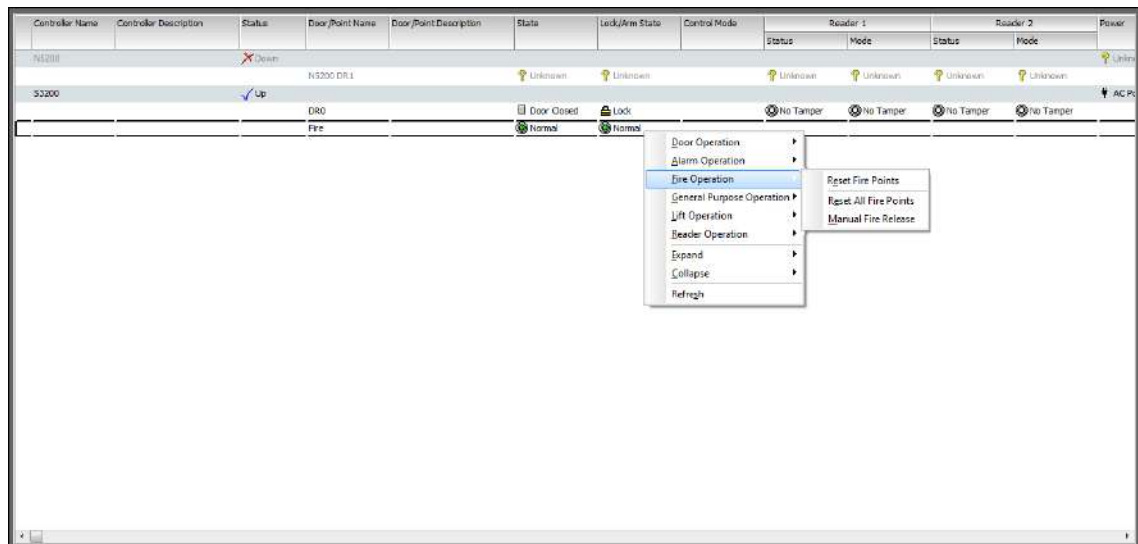


Short



Alarm

- Analog alarm input sensor is shorted and alarm system is activated



5. Fire Operation:

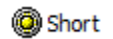
- Reset Fire Point - Turn off the triggered fire point
- Reset All Fire Points - Turn off all triggered fire points
- Fire Status and Lock/Arm State icons:



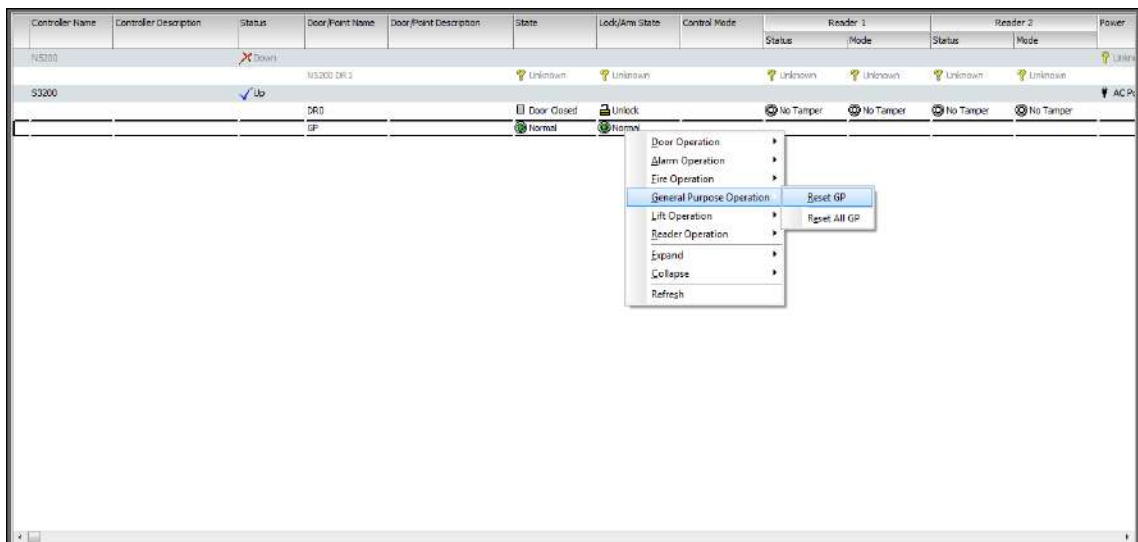
- Digital/Analog fire point and fire relay are in normal mode



- Digital/Analog fire point and fire relay are in trigger mode

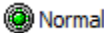
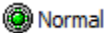
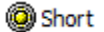


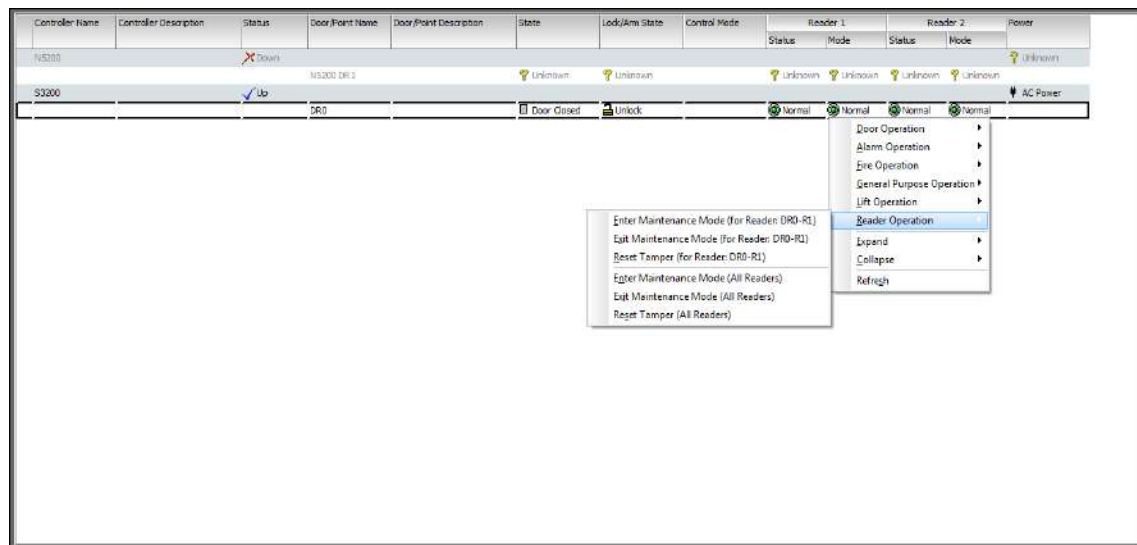
- Analog fire point is shorted and fire relay is triggered



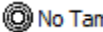
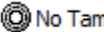
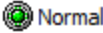
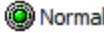
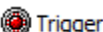
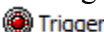
6. General Purpose Operation:

- Reset GP - Turn off the triggered GP point

- Reset All GP - Turn off all triggered GP points
- GP Status and Lock/Arm State icons:
 -  Normal  Normal
 - Digital/Analog GP sensor and GP relay are at normal mode
 -  Trigger  Trigger
 - Digital/Analog GP sensor and GP relay are at trigger mode
 -  Short  Trigger
 - Analog GP sensor is shorted and GP relay is triggered



7. Reader Operation:

- Enter Maintenance Mode (Specific Reader) - Perform this operation before service the reader
- Exit Maintenance Mode (Specific Reader) - Perform this operation after service the reader
- Reset Tamper (Specific Reader) - Once the reader is tampered, reset the tamper will re-monitor the reader tamper status
- Enter Maintenance Mode (All Readers) - Perform enter maintenance mode for all controllers' reader in device list
- Exit Maintenance Mode (All Readers) - Perform exit maintenance mode for all controllers' reader in device list
- Reset Tamper (All Readers) - Restart the tamper monitoring for all controllers
- Reader Status and Mode icons:
 -  No Tamper  No Tamper
 - No tamper sensor assigned
 -  Normal  Normal
 - Digital/Analog tamper sensor connected and in normal mode
 -  Trigger  Trigger
 - Digital/Analog tamper sensor sensed reader is tampered and trigger

the reader buzzer (continuous beep)



- Digital/Analog reader is under maintenance mode, buzzer will not beep although the reader is tampered



- Analog tamper sensor sensed reader is shorted and trigger the reader buzzer (continuous beep)



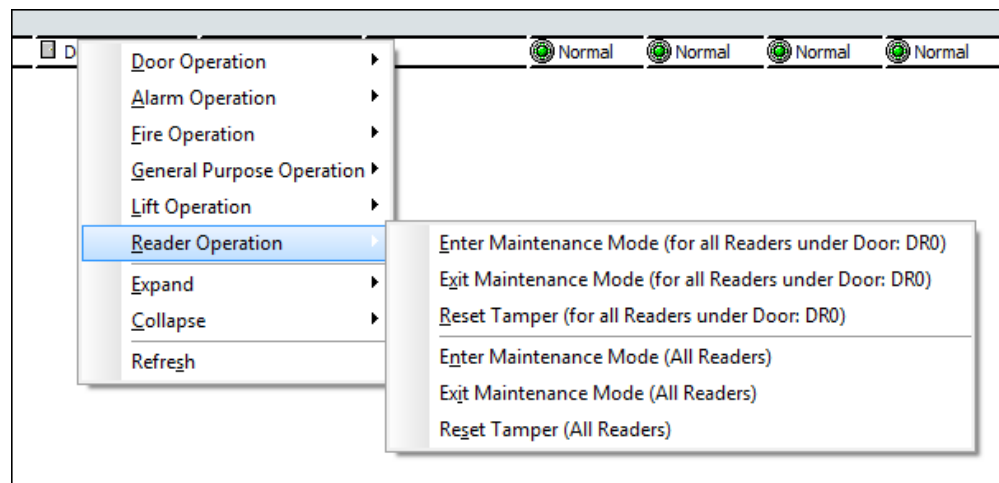
NOTE: When Status is Trigger, Mode will become Trigger, and stay as Trigger even though Status become Normal. At this stage, to change back the Mode to Normal, use a Maintenance Card or P1 to reset it



NOTE: When reader is tampered, reader buzzer will continuously beep and LED will blink very fast as well as ignore card flash



NOTE: To perform specific reader operation, just right click on the desire reader

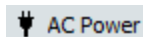


NOTE: To perform all reader operation under one door, just right click on the desire door

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5100		Down	n5100_d1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
N5200		Down	N5200 DR1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
S3200		Up	DR0		Door Closed	Lock		No Tamper	No Tamper			AC Power
			DR1		Door Closed	Lock		No Tamper	No Tamper			

8. Power:

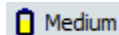
- To indicate the power supply status
- Power Status and Icon:



- Controller is running on AC Power



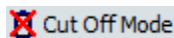
- Controller is running on battery power and the battery status is high



- Controller is running on battery power and the battery status is medium



- Controller is running on battery power and the battery status is low



- Controller power source is going to cut off
- Door will release at this stage



NOTE: When cut off, controller will release door and will not respond to any event (e.g.: card flash, P1 send and get command, etc)

9. Interlock:

- To indicate the cross-board interlock status
- Interlock Status and Icon:



- The other interlock controller's interlock relay is not trigger
- Any doors of the controller is accessible



- The other interlock controller's interlock relay is trigger
- Any doors of the controller is not accessible until the other controller's door is closed and interlock relay not trigger



NOTE: When interlock is enabled, only one door of either single controller or two controller is accessible in one time

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2	
								Status	Mode	Status	Mode
N5400_HCB	1x64mb SPI	Up									
			N54_D1	Dr A	Door Operation	Lock		☒ No Tamper	☒ No Tamper		
			N54_D2	Dr B	Alarm Operation	Lock				☒ No Tamper	☒ No Tamper
			N54_D3	Dr C	Fire Operation	Lock					
			N54_D4	Dr D	General Purpose Operation	Lock					
					Lift Operation						
					Reader Operation						
					Event Relay Operation						
					Expand						
					Collapse						
					Refresh						

10. Event Relay Operation:

- User can perform event relay operation by right click/double click on the controller under device list
- User can reset/un-trigger the relay triggered by any transaction
- After the event relay is reset, it will be triggered again by next transaction
- Reset Event Relay - Reset event relay individually or all
- Reset All Event Relay - Reset all triggered event relay

22.7 Company - Staff

The 'View Staff' window displays a table of staff information. The table has the following columns: Staff No., Name, Department, Job, Shift, Card 1, Card 2, Card 3, Card 4, and Card 5. The data shown is as follows:

Staff No.	Name	Department	Job	Shift	Card 1	Card 2	Card 3	Card 4	Card 5
0001003003					0001003003 (1) [more]				
0003014158					0003014158 (0) [more]				
0044001428					0044001428 (1) [more]				
4095000002					4095000002 (1) [more]				

Below the table, there is a 'Total Staff on screen: 4' summary and a 'Command' section with buttons: Send, Activate, Deactivate, Retrieve, Clear Antipassback, Export, Format, Write, and Format by Ad-Hoc.



Pagination Setting

The 'Setting' dialog box contains a 'Pagination Listing' section. The 'View no. of records per page' is set to 10, with a range of (Min: 10, Max: 1000). The dialog has 'Ok' and 'Cancel' buttons.

Set the number records per page
Minimum is 10 records while maximum is 1000 records



First x Record

Where x is the number of records configured in pagination setting



Previous x Record

Where x is the number of records configured in pagination setting



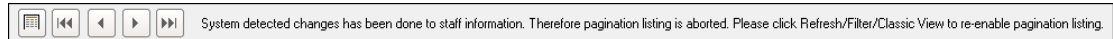
Next x Record

Where x is the number of records configured in pagination setting

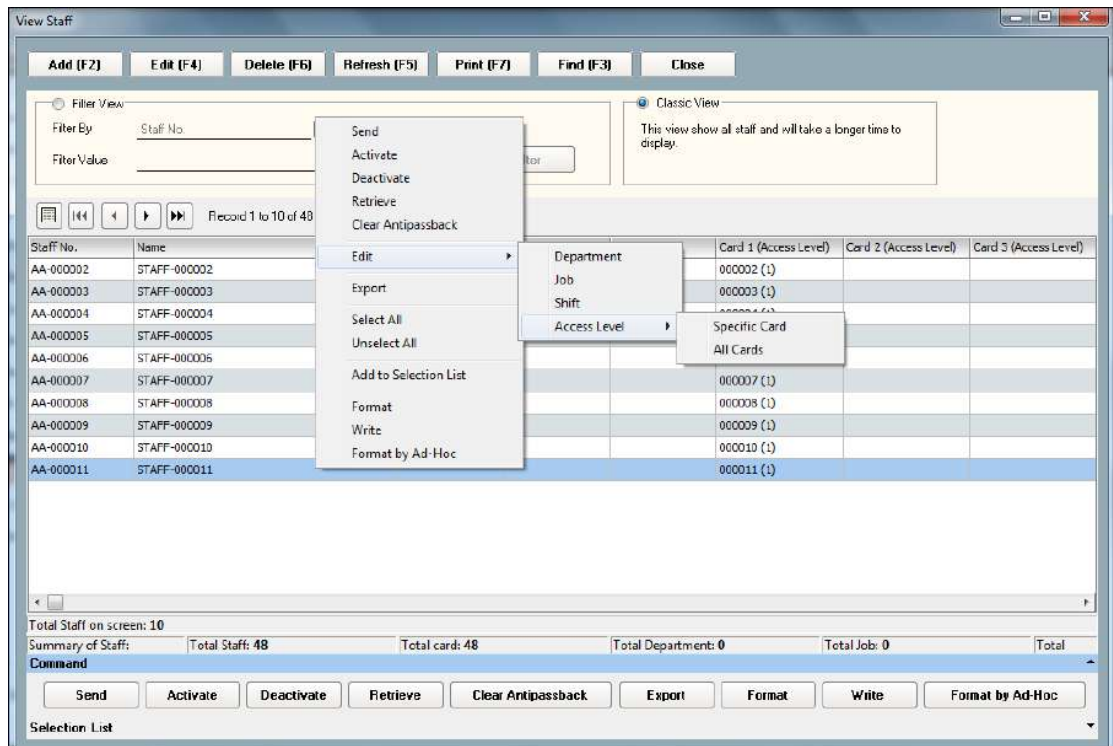


Last x Record

Where x is the number of records configured in pagination setting



This message will appear if system detect any changes has been done to the staff information therefore pagination listing is aborted



Popup/Command menu

- **Send**: Send the staff parameter/information to the controller
- **Activate**: Activate the card
- **Deactivate**: Deactivate the card
- **Retrieve**: Retrieve the card information from controller
- **Clear Antipassback**: Clear the antipassback block
- **Edit > Department**: Edit the staff department information
- **Edit > Job**: Edit the staff job information
- **Edit > Shift**: Edit the staff shift information

- **Edit > Access Level > Specific Card:** Edit a specific card access level
- **Edit > Access Level > All Cards:** Edit all cards access level
- **Export:** Export the staff information
- **Select All:** Select all staff in the list
- **Unselect All:** Unselect all selected staff
- **Add to selection List:** Add the staff into the selection list
- **Format:** Format the card with smart card reader
- **Write:** Write the information into the card
- **Format by Ad-Hoc:** Format the card without verifying the card number

Card Type:

1. **Normal Card:** Normal Access card
2. **Special (Arm/Disarm Card):** Used for arm and disarm alarm
3. **Master Card:** Used for reset local pin and access without follow the card +
- 4 **Maintenance Card:** For maintenance purpose, temporary disable the tamper

Pin rules

22.8 Active Downloader

Send Option

System recommend to use Active Downloader for the following N-MINI/N2000+/N2100+ controllers:
(NOTE: System will use Conventional method for those controllers which are not listed)

N-MINI/N2000+/N2100+ Controller	Cards need to send	Maximum capacity
AN4004-30K 1	302 2	30000 3

Total: 1

☒ Active Downloader **4**
 (WARNING: If Active Downloader is used, please take note that all cards at the controller will be cleared before cards are sent. Hence the associated door will reject all cards while sending of cards is in progress. Also, number of cards send are regardless of selection made earlier (if any). Instead, ALL cards will be sent)

☐ Security Off (disable security of door) while sending **5**
☐ Security On (enable security door) after complete sending **6**

☐ Conventional (one by one) send **7**
 (NOTE: Only the maximum capacity of cards will be sent even though you have more)

OK

1. Controller name:
 - Show the controller name which will undergo active download
2. Cards need to send:

- Active download will only activate when cards number exceeded 300

3. Maximum Capacity:

- Maximum 30000 cards only can be sent using this method for N5200 and N5400 (Non Dynamic Storage Support)
- Maximum 37842 cards can be sent using this method for N5200 and N5400 (Dynamic Storage Support)
- Maximum 3000 cards only can be sent using this method for N5100



NOTE: Only maximum capacity of cards will be sent even though the card number is more than the number of capacity

4. Active Downloader:

- Send cards using active downloader method



NOTE: Send card using Active Downloader will clear all cards in the controller before resend the cards

5. Security Off:

- Disable the security of the door while sending (Releasing the lock)

6. Security On:

- Enable the security of the door after complete sending cards (Lock the door)

7. Conventional Send

- User still can select conventional way of sending the cards

22.9 Access Group

The screenshot shows a window titled "View Access Group" with a toolbar containing buttons: Add (F2), Edit (F4), Delete (F6), Refresh (F5), Print (F7), and Close. Below the toolbar is a table with two columns: Name and Description. The table contains three rows: N54_D1, N54_D1_D2, and N54_D3_D4. Below this table, it says "Total: 3".

Below the "Total: 3" is a section titled "Accessible Door" with a table. The table has three columns: Door, Description, and In Time Zone. The table contains two rows: N54_D1 with "1 - 24 Hours Active" and N54_D2 with "1 - 24 Hours Active". Below this table, it says "Total: 2".

At the bottom of the window, there is a "Command" field.

Access Group

This section allow system administrator to create access group in the system. Access group only applicable for the controller which support unlimited access level

With this access group, system administrator can assign which door is accessible at which time zone and different doors combined become an access group. This access group will then assign to the card. So the card holder will able to access the doors within the access group within the specific time zone.

For example, create an access group where the accessible door is Door 1 and Door 2. Assign this access group to Card A. So the card holder of Card A will be able to access Door 1 and Door 2.

Add [F2]

To add new access group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

Access Group - Add

Name: ①

Description: ②

Door /	Description	In Time Zone
N54_D1		2 - TimeZone2
N54_D2		512 - TZ-512
N54_D3		1 - 24 Hours Active
N54_D4		1 - 24 Hours Active

Accessible Door (Total: 4) ③

[0 - Not Active](#) ④

Available Door Listing | Incompatible Door Listing

Door /	Description
n52_D1	
n52_D2	
S34_D1	
S34_D2	

Available Door (Total: 4) ⑤

1. Enter the name for the access group
2. Enter the access group description
3. This table will show the added accessible doors and their time zone
4. Add - Add the available door into the access group
 Add All - Add all the available door into the access group
 Remove - Remove the selected door in the table
 Remove All - Remove all the selected door in the table
 Change All TZ - Change all the time zone of the doors
5. Door Listing:
 Available Door Listing - A table show the door of the controller which support unlimited access
 Incompatible Door Listing - A table show the door of the controller which not support unlimited access

Edit [F4]

To edit existing access group in the system. Highlight on the access group and click on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Delete [F6]

To delete existing access group setting in the system. Highlight on the access group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the interlock group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the interlock group list to printer.

Close

Click to close the access group form.

22.10 Send/Retrieve - Operation

The screenshot shows a software window titled "Send/Retrieve". Inside, there's a blue header bar with "Main -> Reader". Below it, a green bar says "Step 2: Please select Reader". A row of five buttons is shown: "Door", "Point", "Lift", "Reader" (which is highlighted with a blue dashed border), and "Gate Zone". Below the buttons is a section titled "Reader" containing a table with two columns: "Name" and "Description". The table lists six items, all of which are checked with a checkbox in the first column:

	Name	Description
☒	S3200_R1	
☒	S3200_R2	
☒	N5200_R1	
☒	N5200_R2	
☒	N5100_R1	
☒	N5100_R2	

Below the table, it shows "Total: 6" and "Selected: 6". There are two buttons: "Select All" and "Unselect All". At the bottom, there are "Previous", "Next", and "Cancel" buttons.

Reader Operation

Perform Reader Operation for selected controller in send/retrieve control panel

Send/Retrieve

Main -> Reader -> Action

Step 3: Please select action to perform.

Door Point Lift **Reader** Gate Zone

Reader Options (only for S3100, S3200, N5100, N5200, S3400, N5400 controllers)

☒ Enter Maintenance Mode

☐ Exit Maintenance Mode

☐ Reset Tamper

Send

Previous Next Cancel

Reader Option

- **Enter Maintenance Mode:** Temporary disable the tamper operation
- **Exit Maintenance Mode:** Enable tamper operation
- **Reset Tamper:** perform enter maintenance mode and exit maintenance mode to reset the tamper

Send/Retrieve

Main -> Gate Zone

Step 2: Please select Gate Zone

Door Point Lift Reader **Gate Zone**

Gate

	Controller Name	Zone ID
☒	S3200	1
☒	S3200	2
☒	N5200	1
☒	N5200	2
☒	N5100	1
☒	N5100	2

Total: 6 Selected: 6

Select All Unselect All

Previous Next Cancel

Gate Zone Operation

Perform gate zone operation for selected car park barrier in send/retrieve control panel

Send/Retrieve

Main -> Gate Zone -> Action

Step 3: Please select action to perform.

Door Point Lift Reader **Gate Zone**

Gate Zone Options (only for S3100, S3200, N5100, N5200 controllers)

☒ Reset Gate Zone In Counter to

Send

Previous Next Cancel

Gate Zone Option

- Reset Gate Zone: Reset gate zone in-counter to desire number

Send/Retrieve

Main -> Alarm -> Action

Step 3: Please select action to perform.

Door **Point/ Event** Lift Reader Gate Zone

Alarm Option _____

☒ Reset ☐ Arm ☐ Disarm

General Purpose Option _____

☐ Reset

Fire Point Option (only for S3100, S3200, N5100, N5200, S3400, N5400 controllers) _____

☐ Reset

Event Relay Option (only for S3200, N5200, S3400, N5400 controllers) _____

☐ Reset Event 1 Relay(s) ☐ Reset Event 4 Relay(s) ☐ Reset Event 7 Relay(s) ☐ Reset Event 10 Relay(s)
☐ Reset Event 2 Relay(s) ☐ Reset Event 5 Relay(s) ☐ Reset Event 8 Relay(s) ☐ Reset All
☐ Reset Event 3 Relay(s) ☐ Reset Event 6 Relay(s) ☐ Reset Event 9 Relay(s)

Send

Previous Next Cancel

Controller Point/Event Operation

- ***Alarm Option:*** Perform alarm reset, arm and disarm
- ***General Purpose Option:*** Perform GP reset
- ***Fire Point Option:*** Perform fire reset
- ***Event Relay Option:*** Perform event relay reset

22.11 Send/Retrieve - Firmware Upgrade

Firmware Upgrade - Serial

Perform firmware upgrade for all serial controllers

1. Tick the controller's check box to select wish controller need to perform firmware upgrade
2. Click "Select All" to select all the available compatible controller in the list
3. Click "Unselect All" to de-select all the selected controller in the list
4. Click "Retrieve Firmware" to retrieve the selected controller firmware version
5. Click "Upgrade Firmware" to upgrade the selected controller firmware
6. Click the icon to select firmware file from the directory
7. Firmware file series and version



NOTE: User must perform Factory Default after firmware upgrade

Firmware Upgrade - Network

Send/Retrieve

Main

Step 2: Please select controller.

Controller

	Name	Description	Version	Model
☒	N5100			
☒	N5200			
☒	N5400			

Total: 3 Selected: 3

Firmware : D:\VCB_1006_2_00_x200(P1).bin

Series: S3200/N5200

Version: HCB.EP.S1.02.00.10.06[02.00.10.06]

Previous Next Cancel

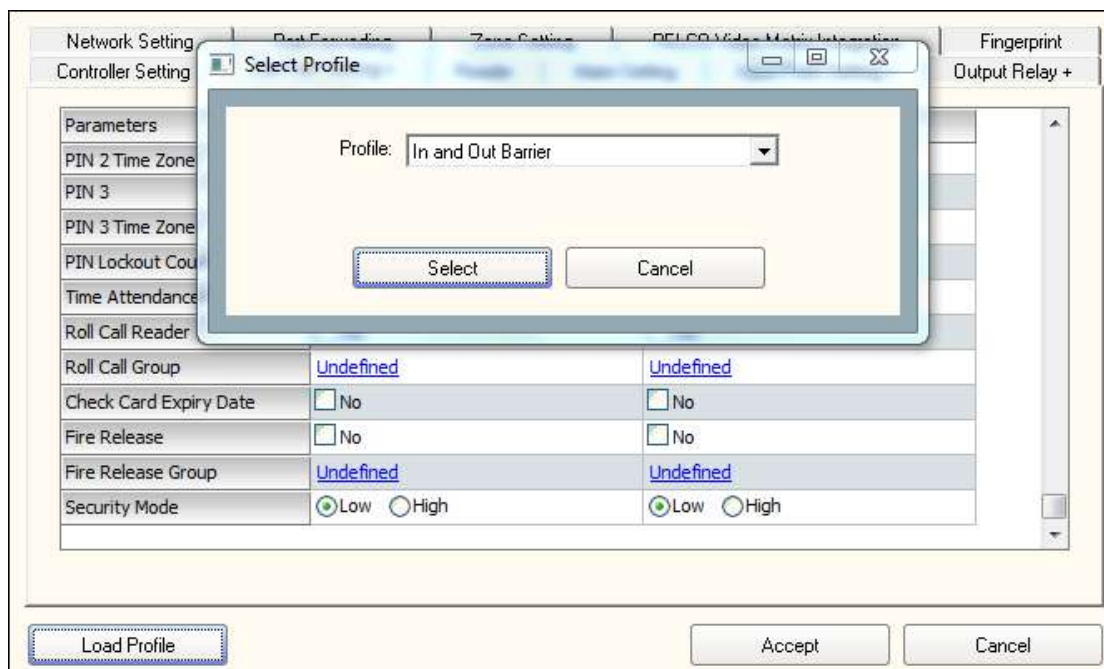
Perform firmware upgrade for all network controllers

1. Tick the controller's check box to select wish controller need to perform firmware upgrade
2. Click "Select All" to select all the available compatible controller in the list
3. Click "Unselect All" to de-select all the selected controller in the list
4. Click "Retrieve Firmware" to retrieve the selected controller firmware version
5. Click "Upgrade Firmware" to upgrade the selected controller firmware
6. Click the icon to select firmware file from the directory
7. Firmware file series and version



NOTE: User must perform Factory Default after firmware upgrade

22.12 Barrier Configuration



1. Click "Load Profile"
2. "Select Profile" windows will prompt out
3. Choose "In and Out Barrier" profile to load car park mode

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint
Controller Setting	Car Park Setting +	Reader	Alarm Setting
			Input Point Setting +

Parameters	Barrier 1	Barrier 2
Name		
Description		
Lock release time (sec)	15	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active

Antipassback Lockout	☐ No	☐ No
Buddy Mode Time Zone	0 - Not Active	0 - Not Active
PIN 1	000000	000000
PIN 1 Time Zone	0 - Not Active	0 - Not Active
PIN 2	000000	000000
PIN 2 Time Zone	0 - Not Active	0 - Not Active
PIN 3	000000	000000
PIN 3 Time Zone	0 - Not Active	0 - Not Active
PIN Lockout Count	0	0
Time Attendance Reader	☒ Yes	☒ Yes
Roll Call Reader	☐ No	☐ No
Roll Call Group	Undefined	Undefined
Check Card Expiry Date	☐ No	☐ No
Fire Release	☐ No	☐ No
Fire Release Group	Undefined	Undefined
Security Mode	☒ Low ☐ High	☒ Low ☐ High

4. Click "Car Park Setting" Tab to configure the car park system

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint
Controller Setting	Car Park Setting +	Reader 	Alarm Setting
			Input Point Setting +

Parameters	Reader 1	Reader 2
Name	N5100_R1	N5100_R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☐ In ☒ Out
Bind to Barrier	1 - n5100_d1	2 - Barrier 2
Wiegand Format	Wiegand 32-bits	Wiegand 32-bits
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	☒ Yes	☒ Yes
Bind to Zone	1 - Zone 1	1 - Zone 1
Use Loop Detector	☒ Yes	☒ Yes
Bypass Access Limit	☐ No	☐ No

5. Click "Reader" Tab to configure the car park reader setting

- Bind to Barrier: Configure which barrier the reader bind to
- Enable Access Limit: Check to enable the car park counter
- Bind to Zone: Configure which zone the reader bind to

- Use Loop Detector: Check to enable the car park loop sensor
- Bypass Access Limit: Check to temporary disable the car park counter so that even the car park is full, it is still accessible

Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint
Controller Setting	Car Park Setting +	Reader	Alarm Setting
			Input Point Setting +

Parameters	Name	Description	Type	Door/Reader
Input 1	LDD1_N5100		5 - Loop Detector	1 - Reader 1
Input 2			0 - Not use	0 - Not use
Input 3	LDD3_N5100		5 - Loop Detector	2 - Reader 2
Input 4			0 - Not use	0 - Not use

Trigger Mode	Digital/ Analog
☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog
☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog

6. Click "Input Point Setting" Tab to configure the car park system input points
- Default Input Type: Loop Detector
 - Loop Detector name is auto assigned

Controller Setting	Car Park Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	

Parameters	Relay 1	Relay 2
Barrier 1	☒ Yes	☐ No
Barrier 2	☐ No	☒ Yes
Barrier 3	☐ No	☐ No
Barrier 4	☐ No	☐ No
General Purpose	☐ No	☐ No
Alarm	☐ No	☐ No
Fire	☐ No	☐ No

7. Click "Output Relay" Tab to configure the output controlled by relay for car park system

Controller Setting	Car Park Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration	Fingerprint	

Parameters	Zone 1	Zone 2
Zone ID	1	2
Maximum In-Count	20000	0

8. Click "Zone Setting" Tab to configure the access limit/counter for car park system



NOTE: Max value for Maximum In-Count is 20000

Send/Retrieve

Main -> Gate Zone -> Action

Step 3: Please select action to perform.

Door Point Lift Reader Gate Zone

Gate Zone Options (only for S3100, S3200, N5100, N5200 controllers)

☒ Reset Gate Zone In Counter to 10

Send

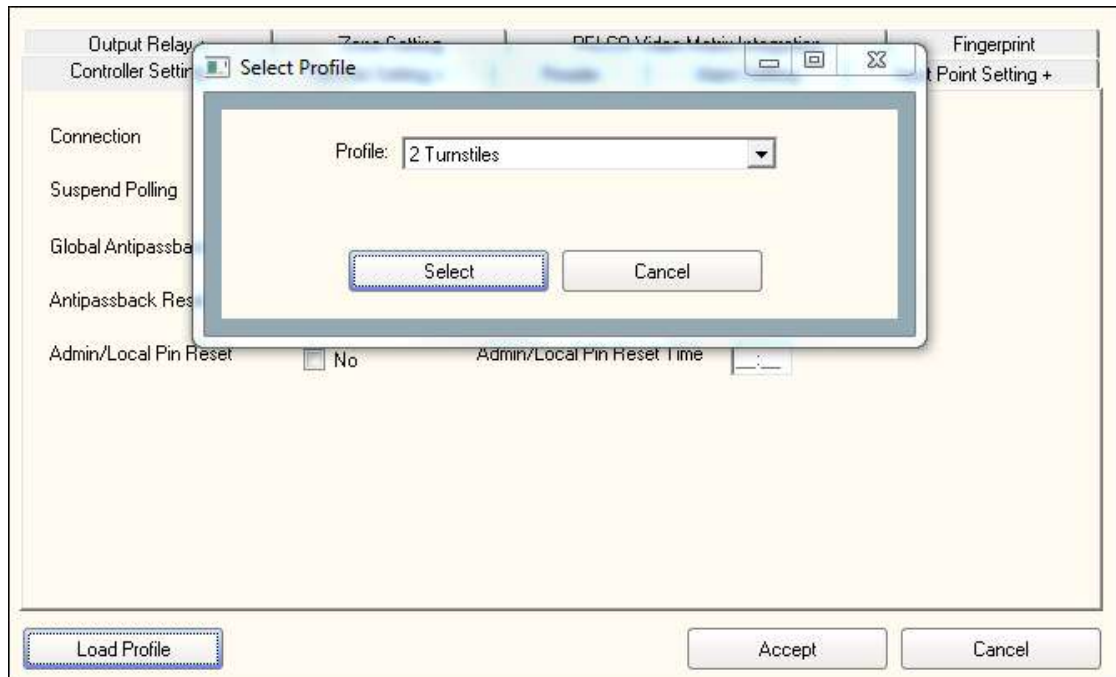
Previous Next Cancel

9. Gate Zone Option

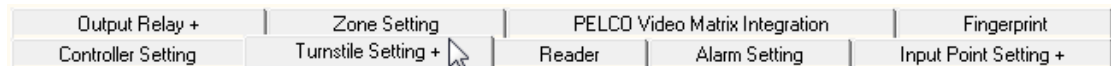
- At control panel, select Utilities > Send/Retrieve > Operation > Gate Zone
- At controller tab, select the desire gate of controller then click next
- Under Gate Zone Option, fill in the desire number to reset the counter to the

number

22.13 Turnstile Configuration



1. Click "Load Profile"
2. "Select Profile" windows will prompt out
3. Choose "2 Turnstile" or "In and Out Turnstile" profile to load turnstile mode



Parameters	Turnstile 1	Turnstile 2
Name	d11	d22
Description		
Lock release time (sec)	5	15
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	☐ No	☐ No
Buddy Mode Time Zone	0 - Not Active	0 - Not Active
PIN 1	000000	000000
PIN 1 Time Zone	0 - Not Active	0 - Not Active
PIN 2	000000	000000
PIN 2 Time Zone	0 - Not Active	0 - Not Active
PIN 3	000000	000000
PIN 3 Time Zone	0 - Not Active	0 - Not Active
PIN Lockout Count	0	0
Time Attendance Reader	☒ Yes	☒ Yes
Roll Call Reader	☐ No	☐ No
Roll Call Group	Undefined	Undefined
Check Card Expiry Date	☐ No	☐ No
Fire Release	☐ No	☐ No
Fire Release Group	Undefined	Undefined
Security Mode	☒ Low ☐ High	☒ Low ☐ High

4. Click "Turnstile Setting" Tab to configure the turnstile sytem

22.14 Alarm

Output Relay + Controller Setting		Zone Setting Door Setting +		PELCO Video Matrix Integration Reader Alarm Setting		Fingerprint Input Point Setting +
Parameters	Name	Description	Type	Door/Reader		
Input 1	Alarm1	Alarm Zone 1	7 - Alarm	0 - Not use		
Input 2	Alarm2	Alarm Zone 2	7 - Alarm	0 - Not use		
Input 3	Alarm3	Alarm Zone 3	7 - Alarm	0 - Not use		
Input 4	Alarm4	Alarm Zone 4	7 - Alarm	0 - Not use		
Input 5	Alarm5	Alarm Zone 5	7 - Alarm	0 - Not use		
Input 6			0 - Not use	0 - Not use		
Input 7			0 - Not use	0 - Not use		
Input 8			0 - Not use	0 - Not use		

Configure the Alarm Input Points

1. Set Alarm Point Name
2. Set Alarm Point Description
3. Select Input Point Type as Alarm

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
						Input Point Setting +	
Parameters	Door/ Reader	Trigger Mode		Digital/ Analog			
Input 1	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 2	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 3	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 4	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 5	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 6	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 7	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 8	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		

4. Select the alarm trigger mode

- Open Trigger: Alarm will trigger if the sensor sense the circuit is opened
- Close Trigger: Alarm will trigger if the sensor sense the circuit is closed

5. Select the Digital/Analog mode

- Digital: The input point will sense 5V or 0V digital signal
- Analog: The input point will sense 0V to 5V digital signal (Trigger mode for analog input will be open trigger)

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
						Input Point Setting +	
Alarm/Siren DurationTime (min)	1						
Arm Delay Time (sec)	5						
Disarm Delay Time (sec)	5						
Arming Time Zone	0 - Not Active						

Configure the Alarm Setting

6. Set the Alarm/Siren Duration Time

- Alarm/Siren will toggle On and Off according to the duration
- e.g.: Set 1 Min duration, so the Siren will sound for 1 minute and silent for 1 minute then sound again ...

7. Set the Arm Delay Time

- A delay duration before the alarm is armed
- Within this period, if the alarm point is trigger, it will not activate the siren

8. Set the Disarm Delay Time

- A delay duration before the siren is activated
- Within this period, if the input point triggered, if user disarm the alarm within this period, siren will not sound

9. Set the Arming Time Zone

- Setup a arming time zone for alarm system
- Within the time zone, alarm will automatically arm itself and start monitoring the alarm input points

Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +
Output Relay +	Zone Setting	PELCO Video Matrix Integration		Fingerprint

General Purpose Output Time Zone [0 - Not Active](#)

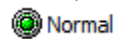
Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☒ Yes	☐ No	☐ No
Door 3	☐ No	☐ No	☐ No	☐ No
Door 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☒ Yes	☒ Yes
Fire	☐ No	☐ No	☐ No	☐ No

Configure the Alarm Output Relay

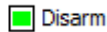
10. Tick the relay output where the alarm/siren is connected to

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode
S3100							
		✓ Up					
			D1		No Door Sensor	Lock	
			Alarm_A	Zone A	Normal	Arm	
			Alarm_B	Zone B	Normal	Arm	
			Alarm_C	Zone C	Normal	Arm	
			Alarm_D	Zone D	Normal	Arm	
S3200							
		✓ Up					
			S3200_D1		No Door Sensor	No Relay	
			Alarm1	Alarm Zone 1	Normal	Arm	
			Alarm2	Alarm Zone 2	Trigger	Alarm	
			Alarm3	Alarm Zone 3	Normal	Arm	
			Alarm4	Alarm Zone 4	Trigger	Alarm	
			Alarm5	Alarm Zone 5	Normal	Arm	
			Alarm6	Alarm Zone 6	Normal	Arm	
			Alarm7	Alarm Zone 7	Normal	Arm	
			Alarm8	Alarm Zone 8	Normal	Arm	

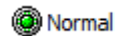
Device List (State and Lock/Arm State):



Normal



- Digital/Analog alarm input sensor is not triggered and alarm system is disarmed



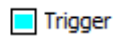
Normal



- Digital/Analog alarm input sensor is not triggered and alarm system is armed



Trigger



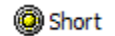
- Digital/Analog alarm input sensor is triggered and alarm system is triggered (Undergoing disarm delay process)



Trigger



- Digital/Analog alarm input sensor is triggered and alarm system is activated



Short

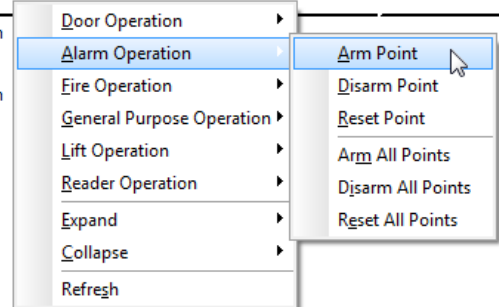


- Analog alarm input sensor is shorted and alarm system is activated



NOTE: When Alarm State is trigger, Lock/Arm State will become Trigger, and stay as Trigger even though State become Normal.

S3200_D1		No Door Sensor	No Relay	No Tamper	No Tamper
Alarm1	Alarm Zone 1	Normal	Arm		
Alarm2	Alarm Zone 2	Trigger	Alarm		
Alarm3	Alarm Zone 3	Normal	Arm		
Alarm4	Alarm Zone 4	Trigger	Alarm		
Alarm5	Alarm Zone 5	Normal	Arm		
Alarm6	Alarm Zone 6	Normal	Arm		
Alarm7	Alarm Zone 7	Normal	Arm		
Alarm8	Alarm Zone 8	Normal	Arm		



Device List (Alarm Operation):

Arm Point - To arm the point if the system administrator wish to enable the alarm point to trigger

Disarm Point - To disarm the point if the system administrator wish to temporarily disable the alarm from triggering



NOTE: For Arm/Disarm, it does not depends on arming time zone, user can arm/disarm alarm point anytime

Reset Point - To reset back the point from Cut Status (Alarm) to Normal Status (Arm)

Arm All Point - To arm all points in device list if the system administrator wish to enable the alarm point to trigger

Disarm All Point - To disarm all points in device list if the system administrator wish to temporarily disable the alarm from triggering

Reset All Point - To reset back all points in device list from Cut Status (Alarm) to Normal Status (Arm)

Device List (Door Force Open trigger Alarm)

Door Force Open trigger Alarm features can be enabled either by using Alarm arming time zone or manually arm the alarm

An arm status is shown on the controller row is to indicate the status of alarm

Like alarm operation, if the status is Arm, when the door is forced open, Alarm will be triggered

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel						
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State
N5400	1x64mb SPI	✓ Up				Disarm
			N54_D1	Dr A	Door Closed	Lock
			N54_D2	Dr B	Door Closed	Lock
			N54_D3	Dr C	Door Closed	Lock
			N54_D4	Dr C	Door Closed	Lock

Alarm is disarmed - Door Force Open will not trigger the alarm

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel						
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State
N5400	1x64mb SPI	✓ Up				Arm
			N54_D1	Dr A	Door Closed	Lock
			N54_D2	Dr B	Door Closed	Lock
			N54_D3	Dr C	Door Closed	Lock
			N54_D4	Dr C	Door Closed	Lock

Alarm is armed - Door Force Open will trigger the alarm

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel						
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State
N5400	1x64mb SPI	✓ Up				Alarm
			N54_D1	Dr A	Forced Opened	Lock
			N54_D2	Dr B	Door Closed	Lock
			N54_D3	Dr C	Door Closed	Lock
			N54_D4	Dr C	Door Closed	Lock

Alarm is triggered by Door Force Open



NOTE: Door Force Open Trigger Alarm feature only applicable for Batch 4 and above HCB controller

Send/Retrieve

Main -> Alarm -> Action

Step 3: Please select action to perform.

Door Point Lift Reader Gate Zone

Alarm Option

☒ Reset

☐ Arm

☐ Disarm

General Purpose Option

☐ Reset

Fire Point Option (only for S2100+, S2000+, N2100+, N2000+ controllers)

☐ Reset

Send

Previous Next Cancel

Send/Retrieve (Alarm Option)

- At control panel, select Utilities > Send/Retrieve > Operation > Point
- At controller tab, select the desire controller then click next
- Under Alarm Option, click the radio button to select which operation you which to perform
- These operations will affect all alarm points under the selected controllers

22.15 General Purpose

Output Relay + Controller Setting		Zone Setting Door Setting +		PELCO Video Matrix Integration Reader Alarm Setting		Fingerprint Input Point Setting +
Parameters	Name	Description	Type	Door/ Reader		
Input 1	DSD1_S3200		1 - Door Sensor	1 - Dr1		
Input 2	PBD2_S3200		2 - Push Button	1 - Dr1		
Input 3	GP1		3 - General Purpose	0 - Not use		
Input 4	GP2		3 - General Purpose	0 - Not use		
Input 5	GP3		3 - General Purpose	0 - Not use		
Input 6	GP4		3 - General Purpose	0 - Not use		
Input 7			0 - Not use	0 - Not use		
Input 8			0 - Not use	0 - Not use		

Configure the General Purpose Input Points

1. Set General Purpose Point Name
2. Set General Purpose Point Description
3. Select Input Point Type as General Purpose

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
						Input Point Setting +	
Parameters	Door/ Reader	Trigger Mode		Digital/ Analog			
Input 1	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 2	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 3	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 4	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 5	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 6	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 7	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 8	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		

4. Select the alarm trigger mode

- Open Trigger: General Purpose Relay will trigger if the sensor sense the circuit is opened
- Close Trigger: General Purpose Relay will trigger if the sensor sense the circuit is closed

5. Select the Digital/Analog mode

- Digital: The input point will sense 5V or 0V digital signal
- Analog: The input point will sense 0V to 5V digital signal (Trigger mode for analog input will be open trigger)

Controller Setting		Door Setting +		Reader		Alarm Setting		Input Point Setting +	
Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint			
General Purpose Output Time Zone 3 - General Purpose TZ 11									
Parameters	Relay 1	Relay 2	Relay 3	Relay 4					
Door 1	☒ Yes	☐ No	☐ No	☐ No					
Door 2	☐ No	☐ No	☐ No	☐ No					
Door 3	☐ No	☐ No	☐ No	☐ No					
Door 4	☐ No	☐ No	☐ No	☐ No					
General Purpose	☐ No	☒ Yes	☒ Yes	☒ Yes	10				
Alarm	☐ No	☐ No	☐ No	☐ No					
Fire	☐ No	☐ No	☐ No	☐ No					

Configure the General Purpose Output Relay

10. Tick the relay output where the General Purpose is connected to

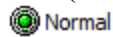
11. Select the General Purpose Output time zone



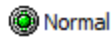
NOTE: To enable the General Purpose to function, user must select a valid GP time zone. Without a GP time zone, GP relay will not trigger even the input point is triggered

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode
S3100 ✓ Up							
			D1		No Door Sensor	Lock	
			Alarm_A	Zone A	Trigger	Disarm	
			Alarm_B	Zone B	Normal	Disarm	
			Alarm_C	Zone C	Normal	Disarm	
			Alarm_D	Zone D	Normal	Disarm	
S3200 ✓ Up							
			Dr 1		Door Closed	Lock	
			GP1		Normal	Normal	
			GP2		Normal	Normal	
			GP3		Normal	Normal	
			GP4		Normal	Normal	

Device List (State and Lock/Arm State):



Normal



Normal

- Digital/Analog General Purpose sensor and General Purpose relay are at normal mode

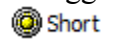


Trigger

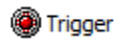


Trigger

- Digital/Analog General Purpose sensor and General Purpose relay are at trigger mode



Short

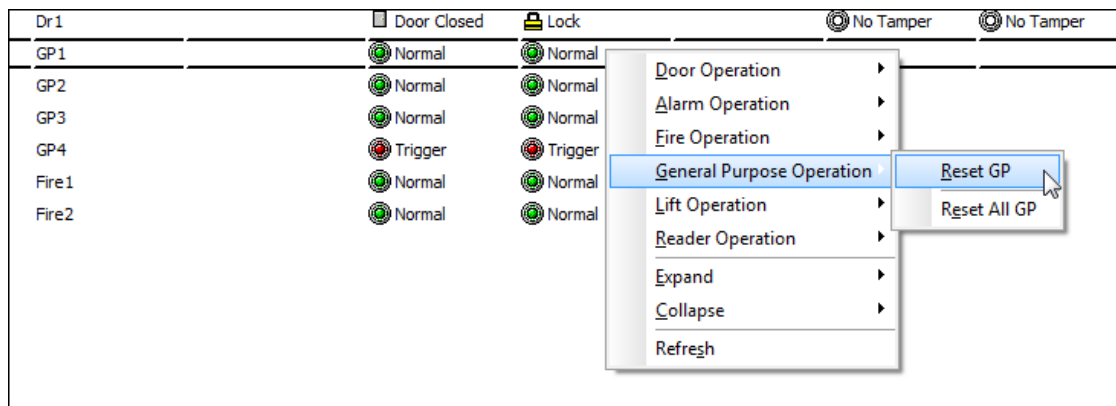


Trigger

- Analog General Purpose sensor is shorted and General Purpose relay is triggered

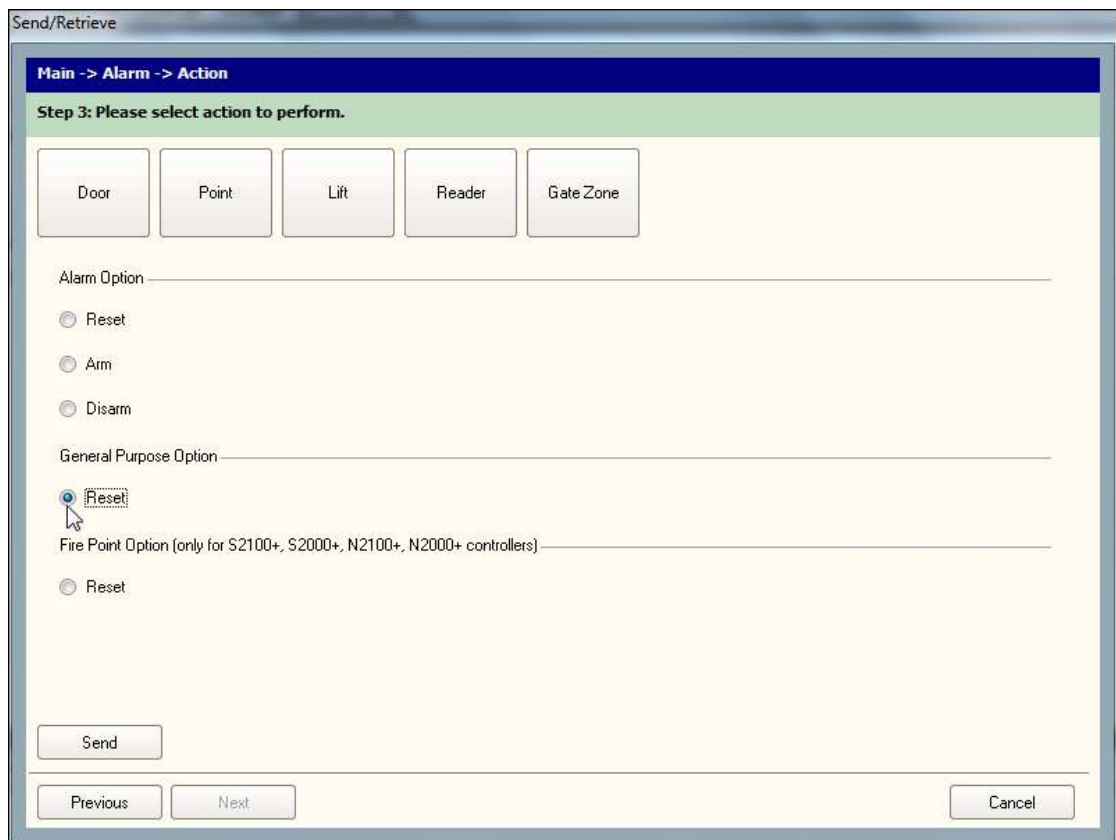


NOTE: When GP State is trigger, Lock/Arm State will become Trigger, and stay as Trigger even though State become Normal.



Device List (General Purpose Operation):

- Reset GP: When GP is triggered, perform reset GP will restart the GP monitoring
- Reset All GP: Restart all GP monitoring for all controllers in device list



Send/Retrieve (General Purpose Option)

- At control panel, select Utilities > Send/Retrieve > Operation > Point
- At controller tab, select the desire controller then click next
- Under General Purpose Option, click the Reset radio button to reset the

General Purpose points

- These operations will affect all general purpose points under the selected controllers

22.16 Fire

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
						Input Point Setting +	
Parameters	Name	Description	Type	Door/ Reader			
Input 1	DSD1_S3200		1 - Door Sensor	1 - Dr1			
Input 2	PBD2_S3200		2 - Push Button	1 - Dr1			
Input 3	Fire A	Zone 1	4 - Fire Input	0 - Not use			
Input 4	Fire B	Zone 1	4 - Fire Input	0 - Not use			
Input 5	Fire C	Zone 2	4 - Fire Input	0 - Not use			
Input 6	Fire D	Zone 3	4 - Fire Input	0 - Not use			
Input 7	Fire E	Zone 3	4 - Fire Input	0 - Not use			
Input 8	Fire F	Zone 4	4 - Fire Input	0 - Not use			

Configure the Fire Input Points

1. Set Fire Point Name
2. Set Fire Point Description
3. Select Input Point Type as Fire Input

Output Relay + Controller Setting	Zone Setting Door Setting +	PELCO Video Matrix Integration Reader	Alarm Setting	Fingerprint Input Point Setting +
Parameters	Door/ Reader	Trigger Mode	Digital/ Analog	
Input 1	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 2	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 3	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 4	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 5	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 6	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 7	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	
Input 8	0 - Not use	☒ Open Trigger ☐ Close Trigger	☒ Digital ☐ Analog	

4. Select the alarm trigger mode

- Open Trigger: Fire Relay will trigger if the sensor sense the circuit is opened
- Close Trigger: Fire Relay will trigger if the sensor sense the circuit is closed

5. Select the Digital/Analog mode

- Digital: The input point will sense 5V or 0V digital signal
- Analog: The input point will sense 0V to 5V digital signal (Trigger mode for analog input will be open trigger)

Controller Setting Output Relay +	Door Setting + Zone Setting	Reader	Alarm Setting	Input Point Setting + Fingerprint
General Purpose Output Time Zone 0 - Not Active				
Parameters	Relay 1	Relay 2	Relay 3	Relay 4
Door 1	☒ Yes	☐ No	☐ No	☐ No
Door 2	☐ No	☐ No	☐ No	☐ No
Door 3	☐ No	☐ No	☐ No	☐ No
Door 4	☐ No	☐ No	☐ No	☐ No
General Purpose	☐ No	☐ No	☐ No	☐ No
Alarm	☐ No	☐ No	☐ No	☐ No
Fire	☐ No	☒ Yes	☒ Yes	☒ Yes

Configure the Fire Output Relay

10. Tick the relay output where the Fire Alarm is connected to



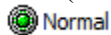
NOTE: User can select Fire and Door under one relay. So that when fire alarm triggered, the door will also security off



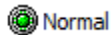
NOTE: If both door and fire is selected, then this combination will maintain together for other (e.g.: User relay 1, select door and fire, then under relay 2, select door, then fire for relay 2 will be automatically selected)

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode
S3100		✓ Up					
			D1		No Door Sensor	Lock	
			Alarm_A	Zone A	Trigger	Disarm	
			Alarm_B	Zone B	Normal	Disarm	
			Alarm_C	Zone C	Normal	Disarm	
			Alarm_D	Zone D	Normal	Disarm	
S3200		✓ Up					
			Dr1		Door Closed	Lock	
			Fire A	Zone 1	Normal	Normal	
			Fire B	Zone 1	Normal	Normal	
			Fire C	Zone 2	Normal	Normal	
			Fire D	Zone 3	Trigger	Trigger	
			Fire E	Zone 3	Normal	Normal	
			Fire F	Zone 4	Normal	Normal	

Device List (State and Lock/Arm State):



Normal



Normal

- Digital/Analog fire point and fire relay are in normal mode

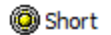


Trigger



Trigger

- Digital/Analog fire point and fire relay are in trigger mode



Short



Trigger

- Analog fire point is shorted and fire relay is triggered



NOTE: When Fire State is trigger, Lock/Arm State will become Trigger, and stay as Trigger even though State become Normal.

Dr1		Door Closed	Lock	No Tamper	No Tamper
Fire A	Zone 1	Normal	Normal		
Fire B	Zone 1	Normal	Normal		
Fire C	Zone 2	Normal	Normal		
Fire D	Zone 3	Trigger	Trigger		
Fire E	Zone 3	Normal	Normal		
Fire F	Zone 4	Normal	Normal		

Door Operation
Alarm Operation
Fire Operation
General Purpose Operation
Lift Operation
Reader Operation
Expand
Collapse
Refresh

Reset Fire Points
Reset All Fire Points
Manual Fire Release

Device List (Fire Operation):

- Reset Fire Point: When Fire alarm is triggered, perform reset Fire Point will restart the Fire monitoring
- Reset All Fire Point: Restart all Fire monitoring for all controllers in device list
- Manual Fire Release: When Fire occur, for the system did not attached with Fire Alarm System, admin can manually Fire Release the door

Select group(s) of doors to perform Release/ Security On:

- ☒ Area A - Lobby
- ☒ Area B - Canteen
- ☐ Area C - Production Line
- ☒ Area D - Office

☐ Select All

Security On Release Cancel

1. Select the Fire Release Group
2. Tick the Select All check box to select all the Fire Release Group
3. Security On the door
4. Release the door by security off (Manual Fire Release)
5. Quit the manual fire release windows

The screenshot shows a software window titled "Send/Retrieve". Inside, there is a blue header bar with the text "Main -> Alarm -> Action". Below this is a green bar with the text "Step 3: Please select action to perform.". The main area contains five buttons: "Door", "Point", "Lift", "Reader", and "Gate Zone". Below these buttons are three sections, each with a label and a radio button:

- "Alarm Option" with radio buttons for "Reset", "Arm", and "Disarm".
- "General Purpose Option" with a radio button for "Reset".
- "Fire Point Option (only for S2100+, S2000+, N2100+, N2000+ controllers)" with a radio button for "Reset".

At the bottom of the window, there are three buttons: "Send", "Previous", and "Next", and a "Cancel" button on the far right.

Send/Retrieve (Fire Point Option)

- At control panel, select Utilities > Send/Retrieve > Operation > Point
- At controller tab, select the desire controller then click next
- Under Fire Point Option, click the Reset radio button to reset the Fire points
- These operations will affect all fire points under the selected controllers

22.17 Tamper

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
						Input Point Setting +	
Parameters	Name	Description	Type	Door / Reader			
Input 1	DSD1_S3200		1 - Door Sensor	1 - Dr1			
Input 2	PBD2_S3200		2 - Push Button	1 - Dr1			
Input 3	TPD3_S3200	Rdr 1	6 - Tamper	1 - Reader 1			
Input 4	TPD4_S3200	Rdr 2	6 - Tamper	2 - Reader 2			
Input 5			0 - Not use	0 - Not use			
Input 6			0 - Not use	0 - Not use			
Input 7			0 - Not use	0 - Not use			
Input 8			0 - Not use	0 - Not use			

Configure the Tamper Input Points

1. Tamper Point Name is automatically assign by the system
2. Set Tamper Point Description
3. Select Input Point Type as Tamper

Output Relay +		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting	
						Input Point Setting +	
Parameters	Door / Reader	Trigger Mode		Digital / Analog			
Input 1	1 - Dr1	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 2	1 - Dr1	☐ Open Trigger	☒ Close Trigger	☒ Digital	☐ Analog		
Input 3	1 - Reader 1	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 4	2 - Reader 2	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 5	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 6	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 7	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		
Input 8	0 - Not use	☒ Open Trigger	☐ Close Trigger	☒ Digital	☐ Analog		

4. Select the Tamper trigger mode

- Open Trigger: Reader Tamper will trigger if the sensor sense the circuit is opened
- Close Trigger: Reader Tamper will trigger if the sensor sense the circuit is closed

5. Select the Digital/Analog mode

- Digital: The input point will sense 5V or 0V digital signal
- Analog: The input point will sense 0V to 5V digital signal (Trigger mode for analog input will be open trigger)



NOTE: When reader is tampered, reader LED will keep flash and Buzzer will continuously beep

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2	
								Status	Mode	Status	Mode
S3100		✓ Up	D1		⊙ No Door Sensor	🔒 Lock		⊙ No Tamper	⊙ No Tamper	⊙ No Tamper	⊙ No Tamper
			Alarm_A	Zone A	⊙ Trigger	🔒 Disarm					
			Alarm_B	Zone B	⊙ Normal	🔒 Disarm					
			Alarm_C	Zone C	⊙ Normal	🔒 Disarm					
			Alarm_D	Zone D	⊙ Normal	🔒 Disarm					
S3200		✓ Up	Dr1		🔒 Door Closed	🔒 Lock		⊙ Normal	⊙ Normal	⊙ Normal	⊙ Normal

Device List (State and Lock/Arm State):

- ⊙ No Tamper ⊙ No Tamper
 - No tamper sensor assigned
- ⊙ Normal ⊙ Normal
 - Digital/Analog tamper sensor connected and in normal mode
- ⊙ Trigger ⊙ Trigger
 - Digital/Analog tamper sensor sensed reader is tampered and trigger the reader buzzer (continuous beep)
- ⊙ Trigger ⊙ Maintenance
 - Digital/Analog reader is under maintenance mode, buzzer will not beep although the reader is tampered
- ⊙ Short ⊙ Trigger
 - Analog tamper sensor sensed reader is shorted and trigger the reader buzzer (continuous beep)

Door Closed	🔒 Lock	⊙ Normal	⊙ Normal	⊙ Normal	⊙ Normal
Door Operation ▶ Alarm Operation ▶ Fire Operation ▶ General Purpose Operation ▶ Lift Operation ▶ Reader Operation ▶ Expand ▶ Collapse ▶ Refresh Enter Maintenance Mode (for Reader: R1) Exit Maintenance Mode (for Reader: R1) Reset Tamper (for Reader: R1) Enter Maintenance Mode (All Readers) Exit Maintenance Mode (All Readers) Reset Tamper (All Readers)					

Device List (Reader Operation):

- Enter Maintenance Mode (Specific Reader): Perform this operation before service the reader
- Exit Maintenance Mode (Specific Reader): Perform this operation after service the reader
- Reset Tamper (Specific Reader): Once the reader is tampered, reset the tamper will re-monitor the reader tamper status
- Enter Maintenance Mode (All Readers): Perform enter maintenance mode for all controllers' reader in device list
- Exit Maintenance Mode (All Readers): Perform exit maintenance mode for all controllers' reader in device list
- Reset Tamper (All Readers): Restart the tamper monitoring for all controllers



NOTE: When Status is Trigger, Mode will become Trigger, and stay as Trigger even though Status become Normal. At this stage, to change back the Mode to Normal, use a Maintenance Card or P1 to reset it



NOTE: When reader is tampered, reader buzzer will continuously beep and LED will blink very fast as well as ignore card flash

Send/Retrieve

Main -> Reader -> Action

Step 3: Please select action to perform.

Door Point Lift Reader Gate Zone

Reader Options (only for S3100, S3200, N5100, N5200 controllers)

☒ Enter Maintenance Mode

☐ Exit Maintenance Mode

☐ Reset Tamper

Send

Previous Next Cancel

Send/Retrieve (Reader Option)

- At control panel, select Utilities > Send/Retrieve > Operation > Reader
- At controller tab, select the desire reader then click next
- Under Reader Option, click the Enter Maintenance Mode radio button to enter maintenance mode
- Click the Exit maintenance radio button to exit the maintenance mode
- Click the Reset Tamper radio button to reset the tamper
- These operations will affect all Tamper points under the selected controllers

22.18 Battery Monitoring

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	Control Mode	Reader 1		Reader 2		Power
								Status	Mode	Status	Mode	
N5100		Down	n5100_d1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
N5200		Down			Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	Unknown
S3200		Up	N5200 DR1		Unknown	Unknown		Unknown	Unknown	Unknown	Unknown	AC Power
			DR0		Door Closed	Lock		No Tamper	No Tamper			
			DR1		Door Closed	Lock				No Tamper	No Tamper	

Device List (Power Status):

- To indicate the power supply status
- Power Status:

 AC Power

- Controller is running on AC Power

 High

- Controller is running on battery power and the battery status is high

 Medium

- Controller is running on battery power and the battery status is medium

 Low

- Controller is running on battery power and the battery status is low

 Cut Off Mode

- Controller power source is going to cut off
- Door will release at this stage



NOTE: When cut off, controller will release door and will not respond to any event (e.g.: card flash, P1 send and get command etc)

22.19 Interlocking

Network Setting	Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
Current Port No.	44002				
Suspend Polling	☐ No				
Global Antipassback Group	Undefined		Interlocking Group	Interlock 2 - Cross Board	
Antipassback Reset	☐ No		Antipassback Reset Time		
Admin/Local Pin Reset	☐ No		Admin/Local Pin Reset Time		

Configure the interlock group of the controller under Controller Setting

View Interlock Group

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name ^	Description
Interlocking	N5200 Only
Interlock 2	Cross Board

List of Controller(s) belong to Group Interlocking

1 - N5200

Total: 2

At control panel > System > Interlock Group, user can select any interlock group to be assigned to the controller



NOTE: User must assign interlocking group to enable interlock function

Network Setting		Port Forwarding		Zone Setting		PELCO Video Matrix Integration		Fingerprint	
Controller Setting		Door Setting +		Reader		Alarm Setting		Input Point Setting +	
Parameters	Name	Description	Type	Door / Reader	Trigger Mode				
Input 1	DSD1_N5400		1 - Door Sensor	1 - N54_D1	☒ Open Trigger	☐ Close Trigg			
Input 2	PBD2_N5400		2 - Push Button	1 - N54_D1	☐ Open Trigger	☒ Close Trigg			
Input 3	DSD3_N5400		1 - Door Sensor	2 - N54_D2	☒ Open Trigger	☐ Close Trigg			
Input 4	PBD4_N5400		2 - Push Button	2 - N54_D2	☐ Open Trigger	☒ Close Trigg			
Input 5	ILD5_N5400		8 - Interlock	0 - Not use	☒ Open Trigger	☐ Close Trigg			
Input 6			0 - Not use	0 - Not use	☐ Open Trigger	☒ Close Trigg			
Input 7			0 - Not use	0 - Not use	☐ Open Trigger	☒ Close Trigg			
Input 8			0 - Not use	0 - Not use	☐ Open Trigger	☒ Close Trigg			

Configure the Interlock Input Points

1. Interlock Point Name is automatically assign by the system
2. Set Interlock Point Description
3. Select Input Point Type as Interlock
4. Select the trigger mode as Open trigger if the interlock point is connected to another controller NC relay



NOTE: When interlock enabled, only one door can be opened at the same time

22.20 Custom Wiegand and MultiBit (Wiegand Group)

Name ▲	Description	Card Bit Length	Conversion Type
W26	26bit	26	0
W32	32bit	32	0
W34	34bit	34	1
W35	35bit	35	1
W36	36bit	36	0
W37	37bit	37	1
W38	38bit	38	0
W40	40bit	40	0
W60	60bit	60	0
W64	64bit	64	0

Total: 10
Command ▼

Wiegand Group

This section allow system administrator to create custom Wiegand format for the system. Wiegand group only applicable for N5400, S3400, N5200, S3200, N5100, S3100 and L3800

Add [F2]

To add new Wiegand group into the system. Click on the button "Add (F2)" or press the shortcut key "F2" to bring up the add form.

on the button "Edit (F4)" or press the shortcut key [F4] to bring up the edit form.

Delete [F6]

To delete Wiegand group setting in the system. Highlight on the Wiegand group and click on the button "Delete (F6)" or simply press the shortcut key "F6" to bring up the delete confirmation form.

Refresh [F5]

Click or press the shortcut key "F5" to refresh the Wiegand group listing.

Print [F7]

Click the button or press the shortcut key "F7" to print the Wiegand group list to printer.

Close

Click to close the Wiegand group form.

Wiegand Group - Configuration

Raw Bit(s)

Hints: This section will read last card's data captured from specific reader. 0x000000000000 N54r1 Read

Name: W26
Description: 26bit Load Default Value

Card Bit(s)

Card Bit Length: 26 ☒ Use Facility/ Site Code ☒ Basic Configuration ☐ Advance Configuration

Basic

Facility Bit(s) From Bit: 02 To Bit: 09
Card Bit(s) From Bit: 10 To Bit: 25

Facility Code: 00000000 0000 Card Code: 0000000000000000 0000000000 Populate

Parity Bit(s)

Even Parity: From Bit: FF To Bit: FF Parity Bit Position: FF
Odd Parity: From Bit: FF To Bit: FF Parity Bit Position: FF

Conversion Type

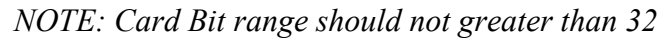
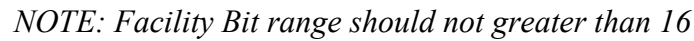
☒ No Conversion (Captured from Card Code) [0000000000]
☐ Facility Code + Card Code [0000000000]
☐ Trimming (Trim 1st 4 digits from Card Code) [0000000000]

Accept Cancel

NOTE: Parity Bit settings only applicable for Phase 4 or above.

Creating a new Wiegand group using basic configuration:

1. Flash the card on the reader (e.g.: reader n54_r1)
 2. Click 'Read' to read the raw bit data of the captured card
 3. Give a name and description by filling in the 'Name' and 'Description' text box
 4. The system will automatically detect the Card Bit Length or user can select or type the 'Card Bit Length' (e.g: 26 Bit)
 5. Tick the check box of 'Use Facility/Site Code' if required the facility code, else un-tick the check box
 6. Choose the start bit and end bit of the facility code bit, if previously the facility code is disabled, chose the start bit and end bit as 'FF'
 7. Choose the start bit and end bit of the card bit
 8. Click 'Populate' to obtain the facility code and card code in binary and decimal format
- The Raw Bit column background color will change to which criteria is chosen where Facility Code column will be light blue while Card Code will be dark blue
9. If the parity checking is supported, setup the Even/Odd parity as well
 11. Choose the conversion type for the format of card number
 12. Click 'Save and Close' to exit the configuration windows and save the configuration



NOTE: Parity Bit settings only applicable for Phase 4 or above.

1. Flash the card on the reader (e.g.: reader n54_r1)

2. Click 'Read' to read the raw bit data of the captured card

3. Give a name and description by filling in the 'Name' and 'Description' text box

4. Select the 'Card Bit Length' (e.g.: 26 Bits)

5. Tick the check box of 'Use Facility/Site Code' if required the facility code, else un-tick the check box

6. Click on the radio button of the 'Advance Configuration'

7. Tick the 'Filter Selected Bit' check box if require to filter out the selected bit for facility and card bit

When 'Filter Selected Bit' is enabled, user cannot select the same bit number on different location

(e.g.: if 02 is selected on position 2 of Facility Bit, so other position will not showing the number 02)

9. If the keypad is supported, choose the key bit length for the keypad, else leave it as default value

10. Click 'Populate' to obtain the facility code and card code in binary and decimal format

The Raw Bit column background color will change to which criteria is chosen where Facility Code column will be light blue while Card Code will be dark blue

11. Choose the Even and Odd Parity Bit

12. Choose the conversion type for the format of card number

13. Click 'Save and Close' to exit the configuration windows and save the configuration

The screenshot displays the 'Available Wiegand Group' configuration window. At the top, a navigation bar includes tabs for Controller Setting, Door Setting, Reader, Alarm Setting, Input Point Setting, Output Relay, Network Setting, Port Forwarding, Zone Setting, PELCO Video Matrix Integration, Fingerprint, Event Relay Setting, Advanced Setting, and Available Wiegand Group. The main area is divided into two panels: 'Assigned List' on the left and 'Available List' on the right. The 'Assigned List' contains a numbered list of Wiegand formats (26bit to 37bit) and a table with entries W36 (36bit), W38 (38bit), W40 (40bit), W60 (60bit), and W64 (64bit). The 'Available List' contains a table with entries W26 (26bit), W32 (32bit), W34 (34bit), W35 (35bit), and W37 (37bit). Between the lists are navigation buttons: a left arrow (labeled 1), a right arrow (labeled 2), and a button with three dots (labeled 3).

Assigned List	
1. Wiegand 26 bits	
2. Wiegand 32 bits	
3. Wiegand 34 bits	
4. Wiegand 35 bits	
5. Wiegand 37 bits	
W36 36bit	
W38 38bit	
W40 40bit	
W60 60bit	
W64 64bit	

Available List	
W26 26bit	
W32 32bit	
W34 34bit	
W35 35bit	
W37 37bit	

For Batch 4 and above HCB Controller are support multi-bit Wiegand
 The controller can cater up to 10 sets of different Wiegand format
 By default, the controller can already support 5 Wiegand format (26bit, 32bit, 34bit, 35bit and 37bit)

User can also add another custom Wiegand format under Controller - Edit > Available Wiegand Group

Configure the Wiegand group list to be assigned to multi-Wiegand supported controller under reader option

1. Move the Wiegand format to assigned list from available list
2. Remove the Wiegand format from assigned list
3. Click this button to link to Wiegand Group Configuration Form



NOTE: Available Wiegand Group is only supported by Multi-Wiegand Supported controller (e.g.: HCB Batch 4 and above)

Zone Setting PELCO Video Matrix Integration Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group		
Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Network Setting Port Forwarding		
Parameters	Reader 1	Re ^
Name	N54_R1	N5
Description	Rdr A	Rd
Reader Type	HID Integrated Keypad	St
In/Out	☒ In ☐ Out	☒
Bind to Door	1 - N54_D1	2 -
HID AGK	00	N/
Wiegand Option	☐ Single ☒ Multiple	☒
Wiegand Format	Wiegand 26-bits	W
Wiegand Group	N/A	N/
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits,Wiegand 34-bits,Wiegand 35-bits,Wiegand 37-bit	[W
Activated Time Zone	☐ ☒ Wiegand 26-bits ☒ Wiegand 32-bits ☒ Wiegand 34-bits ☒ Wiegand 35-bits ☒ Wiegand 37-bits ☒ W64 ☒ W60	1
Load Profile		Accept Cancel

After assigned the custom Wiegand format into the list, the assigned Wiegand format will appear in the Wiegand Group(s) Selection list

User just need to tick the required Wiegand format for the controller to process those selected Wiegand format



NOTE: Available Wiegand Group Selection will only enabled when the Wiegand Option is Multiple

22.21 Keyed Card + Pin

Keyed Card + Pin Feature in Batch3 HCB Controller

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
					Network Setting

Parameters	Door 1	Door 2	Door 3	Door 4
PIN 3	000000	000000	000000	000000
PIN 3 Time Zone	0 - Not Active	0 - Not Active	0 - Not Active	0 - Not Active
PIN Lockout Count	0	0	0	0
Time Attendance Reader	☒ Yes	☒ Yes	☒ Yes	☒ Yes
Roll Call Reader	☐ No	☐ No	☐ No	☐ No
Roll Call Group	Undefined	Undefined	Undefined	Undefined
Check Card Expiry Date	☐ No	☐ No	☐ No	☐ No
Software Fire Release	☐ No	☐ No	☐ No	☐ No
Fire Release Group	Undefined	Undefined	Undefined	Undefined
Security Mode	☒ Low ☐ High	☒ Low ☐ High	☒ Low ☐ High	☒ Low ☐ High
Keyed Card + PIN Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	3 - Office Hr	0 - Not Active

Configure Keyed Card + Pin Time zone under Controller > Door Setting

Click on the hyperlink of Keyed Card + Pin Time Zone and select the desire time zone

Within the valid time zone, Keyed Card + Pin feature will be enabled

User will be able to key in the card number plus the card pin number to access the zone without flashing the card

However, when the Keyed Card + Pin feature is enabled, Local Pin will disable

When Keyed Card + Pin is enabled, user can still flash card to access the zone

When Keyed Card + Pin is enabled, user can also key in the special card number plus special card pin to perform same action

For more information about AGK, please refer Appendix F - HID AGK



NOTE: Special Cards are Master Card, Arm/Disarm Card, Maintenance Card

Keyed Card + Pin Feature in Batch4 and above HCB Controller

Parameters	Door 1	Door 2	Door 3
Roll Call Reader	☐ No	☐ No	☐ No
Roll Call Group	Undefined	Undefined	Undefined
Check Card Expiry Date	☐ No	☐ No	☐ No
Software Fire Release	☐ No	☐ No	☐ No
Fire Release Group	Undefined	Undefined	Undefined
Security Mode	☒ Low ☐ High	☒ Low ☐ High	☒ Low
Keyed Card + PIN Time Zone	1 - 24 Hours Active	0 - Not Active	0 - Not Active
Enable Interlock	☐ No	☐ No	☐ No
Lock Energize Option	☒ By Open time ☐ By Release time	☒ By Open time ☐ By Release time	☒ By Open time
Door Sensor Delay (100ms)	0	0	0

Hint: Interlock selectable by door only applicable on Phase 4 or above.

For Batch 4 and above HCB controller, Keyed Card + Pin feature is further improved. The controller can cater Keyed Card + Pin feature as well as Local Pin for few types of Keypad Reader.

So, for controller that support Keyed Card + Pin and Local Pin together, user will need to key in a '#' before key in the card number and card pin.

While for Local Pin, user can use Local Pin like usual.

This new Keyed Card + Pin Features is applicable for Rosslare Integrated Keypad and HID Integrated Keypad (AGK 00, 09, 11, 20).

If HID Integrated Keypad (AGK 10, 14 or 19) is used, Keyed Card + Pin Time Zone will still supersede Local Pin Time Zone.

For more information about AGK, please refer Appendix F - HID AGK

22.22 HID AGK

Parameters	Reader 1	Reader 2	Reader 3
Name	N54_R1	N54_R2	N54_R3
Description	Rdr A	Rdr B	Rdr C
Reader Type	HID Integrated Keypad	Standard Wiegand	Standard Wiegand
In/Out	☒ In ☐ Out	☒ In ☐ Out	☒ In ☐ Out
Bind to Door	1 - N54_D1	2 - N54_D2	3 - N54_D3
HID AGK	00	N/A	N/A
Wiegand Format	00	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	09	Not Available	Not Available
Activated Time Zone	10	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	11	☐ No	☐ No
Bind to Zone	14	0 - Not use	0 - Not use
	19		
	20		
	0 - Not use		

Configure the HID AGK under Controller > Reader

Select the reader type as 'HID Integrated Keypad'

Select the HID AGK format (Available format: 00, 09, 10, 11, 14, 19, 20)

Select the Wiegand Format to compatible with the card Wiegand format (Available format: 26, 32, 34, 35, 37 bits)

HID AGK format:

1. AGK 00

- Key length: 4 Bits
- Pin number length: 6 Digits
- Range of Card number acceptable for Keyed Card + Pin: 0 to

4294967295

2. AGK 09

- Key length: 8 Bits
- Pin number length: 6 Digits

4294967295 - Range of Card number acceptable for Keyed Card + Pin: 0 to

3. AGK 10

- Key length: 26 Bits
- Pin number length: 6 Digits
- Range of Card number acceptable for Keyed Card + Pin: 0 to 999999

4. AGK 11

- Key length: 6 Bits
- Pin number length: 6 Digits
- Range of Card number acceptable for Keyed Card + Pin: 0 to

4294967295

5. AGK 14

- Key length: 26 Bits
- Pin number length: 5 Digits
- Range of Card number acceptable for Keyed Card + Pin: 0 to 65535



NOTE: For AGK 14, after key in the 5 digits pin, user must press '#' as enter

6. AGK 19

- Key length: 18 Bits
- Pin number length: 4 Digits
- Range of Card number acceptable for Keyed Card + Pin: 0 to 9999

7. AGK 20

- Key length: 6 Bits
- Pin number length: 6 Digits
- Range of Card number acceptable for Keyed Card + Pin: 0 to

4294967295

If HID AGK is used, Local Pin and Keyed Card + Pin features will be disabled if the card bit length and key bit length are the same

for example:

1. HID AGK 14 and Wiegand format 26-bits
2. HID AGK 10 and Wiegand format 26-bits



NOTE: For AGK 10 and Wiegand format 26-bits, if user miss-key in the local pin or Keyed Card + Pin, online transaction will show 'unknown card number'



NOTE: For AGK 14 and Wiegand format 26-bits, user can direct key card to access for card number within the range of 0 to 65535, while larger than 65535 AGK 14 will not response to it

22.23 Event Trigger

Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +	Network Setting
Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	

Parameters	Name	Description	Activated Time Zone	Criteria	Trigger	Duration (sec)
Event 1	Valid Entry 2	Valid Entry	1 - 24 Hours Active	[Ca]	☐ Off ☒ On	5
Event 2	Valid Entry 1	Valid Exit	1 - 24 Hours Active	[Ca]	☒ Off ☐ On	0
Event 3	Security On	Security On	1 - 24 Hours Active	[Da]	☐ Off ☒ On	10
Event 4	Security Off	Security Off	1 - 24 Hours Active	[Db]	☒ Off ☐ On	0
Event 5	Pulse Door	Pulse Door	1 - 24 Hours Active	[Df]	☐ Off ☒ On	20
Event 6	Web Login	Web Login	1 - 24 Hours Active	[Hq]	☒ Off ☐ On	0
Event 7	Web Logout	Web Logout	1 - 24 Hours Active	[Hr]	☐ Off ☒ On	60
Event 8	Access Limit Full	Access Limit Full	1 - 24 Hours Active	[Dn]	☒ Off ☐ On	0
Event 9	Rdr Tampered	Rdr Tampered	1 - 24 Hours Active	[Hi]	☐ Off ☒ On	99
Event 10	Door Interlock	Door Interlock	1 - 24 Hours Active	[DI]	☒ Off ☐ On	0

Configure the Event Trigger under Controller > Event Relay Setting

Give a name and description for the event

Select a time zone for feature activation

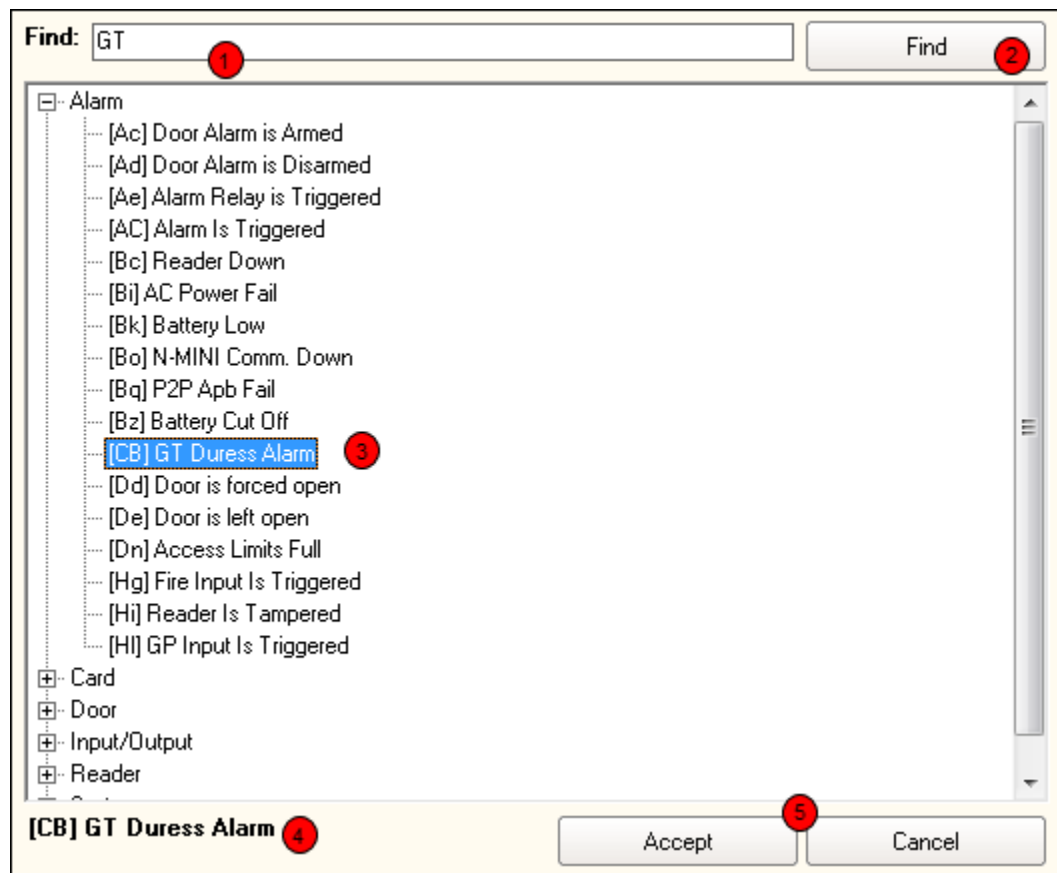
Choose a transaction as a criteria

☐ [Ac] Door Alarm is Armed	☐ [Cn] Install Card (ON)
☐ [Ad] Door Alarm is Disarmed	☐ [Co] Install Card (OFF)
☐ [Ae] Alarm Relay is Triggered	☐ [Cp] Valid First Buddy Card (Entry)
☐ [Ag] Wrong Timezone (Entry)	☐ [Cu] Buddy Card Mismatch (Entry)
☐ [AC] Alarm Is Triggered	☐ [CA] Valid GT Card Swipe
☐ [Ba] Controller reset	☐ [CB] GT Duress Alarm
☐ [Bb] Reader Up	☐ [CC] Unknown Card Number (Exit)
☐ [Bc] Reader Down	☐ [CD] Wrong Facility Code (Exit)
☐ [Bd] Clear Memory	☐ [CE] Antipassback Violation (Exit)
☐ [Bi] AC Power Fail	☐ [CF] Antipassback Lockout (Exit)
☐ [Bk] Battery Low	☐ [CG] Wrong Timezone (Exit)
☐ [Bl] Battery Normal	☐ [CI] Card is disabled (Exit)
☐ [Bn] N-MINI Comm. Up	☐ [CP] Valid First Buddy Card (Exit)
☐ [Bo] N-MINI Comm. Down	☐ [CU] Buddy Card Mismatch (Exit)
☐ [Bp] Admin PIN Changed	☐ [CX] Second Buddy Timeout (Exit)
☐ [Bq] P2P Apb Fail	☐ [CY] Card Pin Timeout (Exit)
☐ [Br] Network Setting Changed	☐ [CZ] Wrong Card Pin (Exit)
☐ [Bz] Battery Cut Off	☐ [Da] Door security is ON
☒ [Ca] Valid Card Entry	☐ [Db] Door security is OFF
☐ [Cb] Valid Card Exit	☐ [Dc] Door is opened
☐ [Cc] Unknown Card Number (Entry)	☐ [Dd] Door is forced open
☐ [Cd] Wrong Facility Code (Entry)	☐ [De] Door is left open
☐ [Ce] Antipassback Violation (Entry)	☐ [Df] Pulse Door Open
☐ [Cf] Antipassback Lockout (Entry)	☐ [Dg] Door is closed
☐ [Cg] Reset Antipassback	☐ [Dh] Valid Pin Entry
☐ [Ci] Card is disabled (Entry)	☐ [Di] Valid Pin Exit
☐ [Ck] Card expired (Entry)	☐ [Dj] Wrong Local Pin (Entry)
☐ [Cl] Card Lockout (Entry)	☐ [Dk] PIN for Card Changed

Selected: 1

Reset Accept Cancel

(Event Trigger - Event Selection old interface)



(Event Trigger - Event Selection new interface for v3.11.11.01 and above)

1. Type the event you wish to find
2. Click find (Enter/F3) to start search
3. Select the Event under the category
4. System show out the selected Event
5. Click Accept to save, click Cancel to quit without any changes



NOTE: User only can choose 1 transaction for 1 criteria



NOTE: User only can choose same transaction for more than 1 criteria

Select the action to be trigger on or trigger off

If selection is trigger on, please fill in the duration in seconds (Default: 0 - Always on)

Port Forwarding	Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting
Controller Setting	Door Setting +	Reader	Alarm Setting	Input Point Setting +	Output Relay +
General Purpose Output Time Zone 0 - Not Active					
Parameters	Relay 1	Relay 2	Relay 3	Relay 4	
Event 1 Trigger	☒ Yes	☐ No	☐ No	☐ No	
Event 2 Trigger	☐ No	☒ Yes	☐ No	☐ No	
Event 3 Trigger	☐ No	☐ No	☒ Yes	☐ No	
Event 4 Trigger	☐ No	☐ No	☐ No	☒ Yes	
Event 5 Trigger	☒ Yes	☐ No	☒ Yes	☒ Yes	
Event 6 Trigger	☐ No	☒ Yes	☒ Yes	☐ No	
Event 7 Trigger	☒ Yes	☒ Yes	☐ No	☒ Yes	
Event 8 Trigger	☐ No	☐ No	☐ No	☐ No	
Event 9 Trigger	☒ Yes	☒ Yes	☐ No	☐ No	
Event 10 Trigger	☐ No	☐ No	☒ Yes	☒ Yes	

Configure the relay as event trigger relay under Controller > Output Relay



NOTE: User can select multiple events for one relay

22.24 10 Sets Facility Code

Preferences - View

PELCO Video Matrix Integration	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification
				Report	Miscellaneous

Controller

Facility Code 1 NOTE: Facility Codes are not being used in 10 Digits version.

Facility Code 2

Facility Code 3

Facility Code 4

Facility Code 5

Facility Code 6

Facility Code 7

Facility Code 8

Facility Code 9

Facility Code 10

Activate Global Antipassback ☐ No

☐ Use trimming method for Card No. when converting from 32bits to 26bits (for old firmware)

Edit Close

Facility codes is applicable in 6 Digits version controller

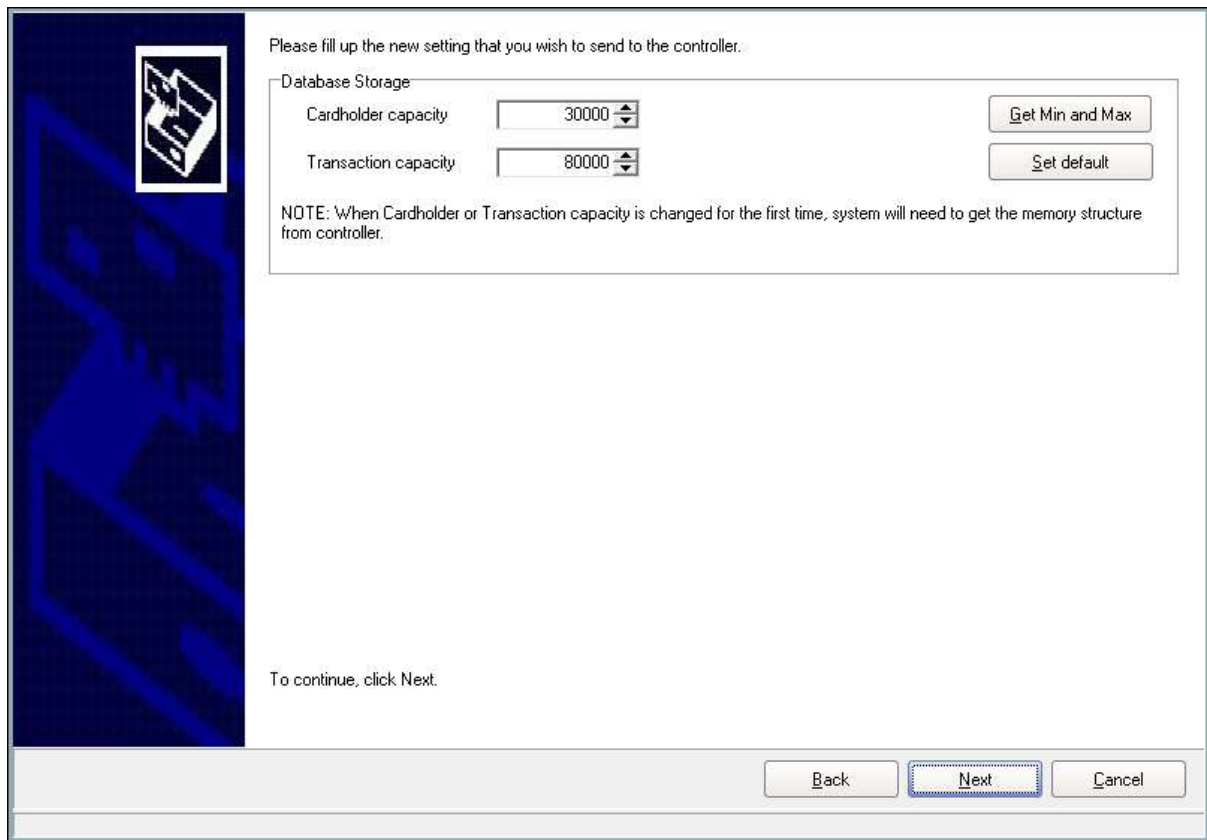
10 Sets of facility codes are applicable for S3100, S3200, S3400, N5100, N5200, N5400 batch 3 controller

Previous model will have only 3 sets facility codes (Facility code 1, 2 and 3)



NOTE: For controller model other than Batch 3 S3100, S3200, S3400, N5100, N5200 and N5400, only facility code 1, 2, and 3 will be sent

22.25 Dynamic Storage



Please fill up the new setting that you wish to send to the controller.

Database Storage

Cardholder capacity

Transaction capacity

[Get Min and Max](#)

[Set default](#)

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller.

To continue, click Next.

[Back](#) [Next](#) [Cancel](#)

Changing Database Storage via Add Controller Wizard:

- This section is to allow user to change the storage of cardholder and transaction for Dynamic Storage Supported Controllers (S3200, S3400, N5200 and N5400 [Batch 4])
- When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller
- By Default, maximum cardholder capacity is 37842; while maximum transaction capacity is 383228
- System will adjust both capacity automatically once it detect any capacity is changed (e.g.: when Cardholder set to 37842, Transaction will become 330)

Name	N5400		
Description	1x64mb SPI		
Model	N5400		
Address	192 . 168 . 1 . 111		

Controller Setting	Door Setting	Reader	Alarm Setting	Input Point Setting	Output Relay	Network Setting	Port Forwarding
Zone Setting	PELCO Video Matrix Integration	Fingerprint	Event Relay Setting	Advanced Setting	Available Wiegand Group		

AES

Use AES Encryption
☒ Yes

Database Storage

Cardholder capacity

Transaction capacity

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Changing Database Storage via Controller - Add/Edit - Advanced Setting:

- This section is to allow user to change the storage of cardholder and transaction for Dynamic Storage Supported Controller (S3200, S3400, N5200 and N5400 [Batch 4])
- When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller
- So, make sure controller address, Connection location/Current Port Number is correct

The screenshot shows the 'Advanced Setting' tab selected in a configuration window. The window has a menu bar at the top with the following tabs: Controller Setting, Door Setting, Reader, Alarm Setting, Input Point Setting, Output Relay, Network Setting, Port Forwarding, Zone Setting, PELCO Video Matrix Integration, Fingerprint, Event Relay Setting, Advanced Setting (selected), and Available Wiegand Group.

Under the 'Advanced Setting' tab, there are two main sections:

- AES**: A section with a checkbox labeled 'Use AES Encryption' which is checked and set to 'Yes'.
- Database Storage**: A section containing two rows of settings:
 - Cardholder capacity**: A numeric input field with the value '37842'. To its right, it says 'Min: 130, Max: 37842'. A button labeled 'Get Min and Max' is to the right of the input field.
 - Transaction capacity**: A numeric input field with the value '428'. To its right, it says 'Min: 330, Max: 383228'. A button labeled 'Set default' is to the right of the input field.

Below these settings, there is a 'NOTE' section:

NOTE: When Cardholder or Transaction capacity is changed for the first time, system will need to get the memory structure from controller. Therefore, please ensure the following setting is filled correctly:

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

- Click "Get Min and Max" to obtain the database storage information from controller
- Key in the value you wish to change either for cardholder or transaction.
- The system will automatically calculate the value for transaction capacity if user change cardholder capacity
- If user change the transaction capacity, system will calculate the cardholder capacity as well
- For example, if cardholder changed to 130, transaction capacity will become 383228

Name: N5400

Description: 1x64mb SPI

Model: N5400

Address: 192.168.1.111

Controller Setting | Zone Setting | PEU

AES
Use AES Enc

Database Storage
Cardholder ca
Transaction c

NOTE: When
from controller

1. Controller Address
2. For serial type of controller: Connection location
3. For network type of controller: Current Port No

Load Profile

Accept

Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Please wait

System detected that there are still transactions data in controller which are not transferred to software yet. Please wait while controller transfer all remaining transactions to software. You may proceed without waiting, however all untransferred transactions in controller will be cleared.

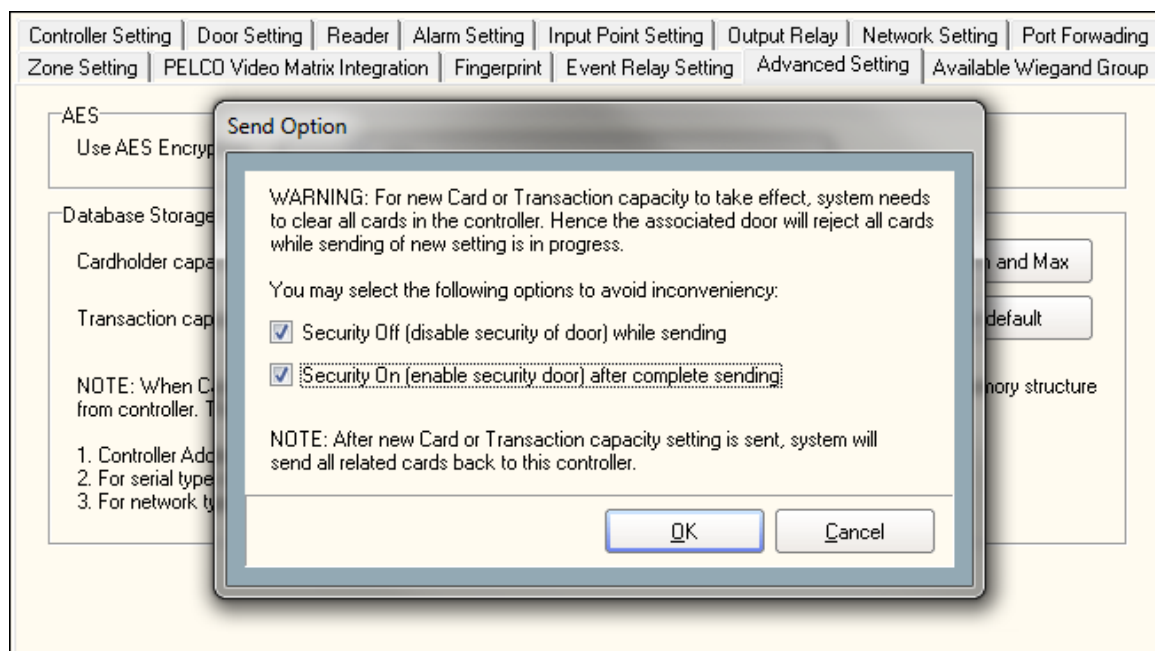
No. of untransferred transactions: 22

Retrieving no. of untransferred transactions from controller in 5 seconds.

Proceed without waiting

Cancel

- Before sending the dynamic storage configuration, system will retrieve transaction that haven't send to Platform1
- If system detected these transaction exist, system will wait until all remaining transaction transfer to software.
- System will retrieve the number of un-transferred transaction from controller every 5 seconds.
- However, user can proceed without waiting by choosing "Proceed without Waiting", and all un-transferred transaction will be cleared



- Before the dynamic storage configuration is sent to the controller, system will request user to choose the send option due to the system will clear all cards in the controller, hence the associated door will reject all cards while sending of new setting in progress

System recommend to use Active Downloader for the Active Network controllers:

(NOTE: System will use Conventional method for those controllers which are not listed)

Active Network Controller	Cards need to send	Maximum capacity
N5400	10003	130

Total: 1

☒ Active Downloader

(WARNING: If Active Downloader is used, please take note that all cards at the controller will be cleared before cards are sent. Hence the associated door will reject all cards while sending of cards is in progress. Also, number of cards send are regardless of selection made earlier (if any). Instead, ALL cards will be sent)

☒ Security Off (disable security of door) while sending

☒ Security On (enable security door) after complete sending

☐ Conventional (one by one) send

(NOTE: Only the maximum capacity of cards will be sent even though you have more)

OK

- After the dynamic storage configuration is sent to controller, system will perform card sending/Active download to send back all the cards into the cardholder database



NOTE: Cold Start controller will not clear the Dynamic Storage configuration. Only Factory Default can changed the database storage capacity back to default.

22.26 Door Sensor Delay

Parameters		Door 1
Time Attendance Reader	☒ Yes	
Roll Call Reader	☐ No	
Roll Call Group	Undefined	
Check Card Expiry Date	☐ No	
Software Fire Release	☐ No	
Fire Release Group	Undefined	
Security Mode	☒ Low ☐ High	
Keyed Card + PIN Time Zone	0 - Not Active	
Enable Interlock	☐ No	
Lock Energize Option	☒ By Open time ☐ By Release time	
Door Sensor Delay (0.1 sec)	10	

Hint: Interlock selectable by door only applicable on Phase 4 or above.

Door Sensor Delay features only applicable for Batch 4 and above HCB controller
 This features must enabled when the EM-lock with built in sensor is used due to the Built-in sensor is powered by EM-lock, so there will be a small delay between the lock energized and sensor detection

By default, the door sensor delay value is '0'

The recommend value for built-in lock sensor is '10', which is 1seconds (10 x 0.1s = 1s) to cater the delay

So, the system will check the status of door sensor after the delay (e.g.: 1s) after energized or de-energize the lock

22.27 Lock Energize Option

Zone Setting PELCO Video Matrix Integration Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Network Setting Port Forwarding	
Parameters	Door 1
Time Attendance Reader	☒ Yes
Roll Call Reader	☐ No
Roll Call Group	Undefined
Check Card Expiry Date	☐ No
Software Fire Release	☐ No
Fire Release Group	Undefined
Security Mode	☒ Low ☐ High
Keyed Card + PIN Time Zone	0 - Not Active
Enable Interlock	☐ No
Lock Energize Option	☐ By Open time ☒ By Release time
Door Sensor Delay (0.1 sec)	10

Hint: Interlock selectable by door only applicable on Phase 4 or above.

User able to configure the lock energize duration either by Open Time or by Release Time

Open Time: A duration of door opened

Example:

- Set Open Time to 1min
- User flash card then the system will release the lock but the door still not open. Once user open the door and this action detected by door sensor, the counter will start counting for 1min before giving a "Door Left Open" transaction

So, if this option is chosen, the system will keep de-energize the lock (EM-lock unlock) until the open time end or user close the door

****Max Lock de-energized duration = Lock Release Time + Open Time**

Release Time: A duration of Lock de-energize

Example:

- Set Release Time to 1min
- User flash card then system will release the lock for 1min.
- After 1min, system will energize the lock and lock the door again

So, if this option is chosen, the system will keep de-energize the lock (EM-lock unlock) until the release time end or user close the door

Even though the lock is energized, the Open Time counter will still functional and keep counting until the end

If the door still opened after the Open Time, system will send a "Door Left Open" transaction too

****Max Lock de-energized duration = Lock Release Time**

22.28 Input Trigger/Normal State Delay

Parameters	Trigger State Delay (sec)	Normal State Delay (sec)
Input 1	5	4
Input 2	Immediate	Immediate
Input 3	Immediate	Immediate
Input 4	Immediate	Immediate
Input 5	Immediate	Immediate
Input 6	Immediate	Immediate
Input 7	Immediate	Immediate
Input 8	Immediate	Immediate

Hint: Input Trigger State and Normal State delay only applicable from Phase 4 or above.

User able to configure a delay after the input is triggered (before changed to trigger state) or after the input untriggered (before changed to normal state)

Trigger State Delay:

once the input is triggered (changing to trigger state), system will start a delay before re-act

Example:

Delay: 5sec

Door opened, but the system will only detect the door open after 5sec

Normal State Delay:

once the input is un-triggered (changing to normal state), system will start a delay before re-act

Example:

Delay: 10sec

Door closed, but the system will only detect the door close after 10sec

22.29 Door Force Open Trigger Alarm

Door Force Open trigger Alarm features can be enabled either by using Alarm arming time zone or manually arm the alarm

**For Alarm Configuration, please refer Appendix F - Alarm

An arm status is shown on the controller row is to indicate the status of alarm
Like alarm operation, if the status is Arm, when the door is forced open, Alarm will be triggered

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	
N5400	1x64mb SPI	✓ Up				Disarm	
			N54_D1	Dr A	Door Closed	Lock	
			N54_D2	Dr B	Door Closed	Lock	
			N54_D3	Dr C	Door Closed	Lock	
			N54_D4	Dr C	Door Closed	Lock	

Alarm is disarmed - Door Force Open will not trigger the alarm

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	
N5400	1x64mb SPI	✓ Up				Arm	
			N54_D1	Dr A	Door Closed	Lock	
			N54_D2	Dr B	Door Closed	Lock	
			N54_D3	Dr C	Door Closed	Lock	
			N54_D4	Dr C	Door Closed	Lock	

Alarm is armed - Door Force Open will trigger the alarm

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Control Panel							
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm State	
N5400	1x64mb SPI	✓ Up				Alarm	
			N54_D1	Dr A	Forced Opened	Lock	
			N54_D2	Dr B	Door Closed	Lock	
			N54_D3	Dr C	Door Closed	Lock	
			N54_D4	Dr C	Door Closed	Lock	

Alarm is triggered by Door Force Open

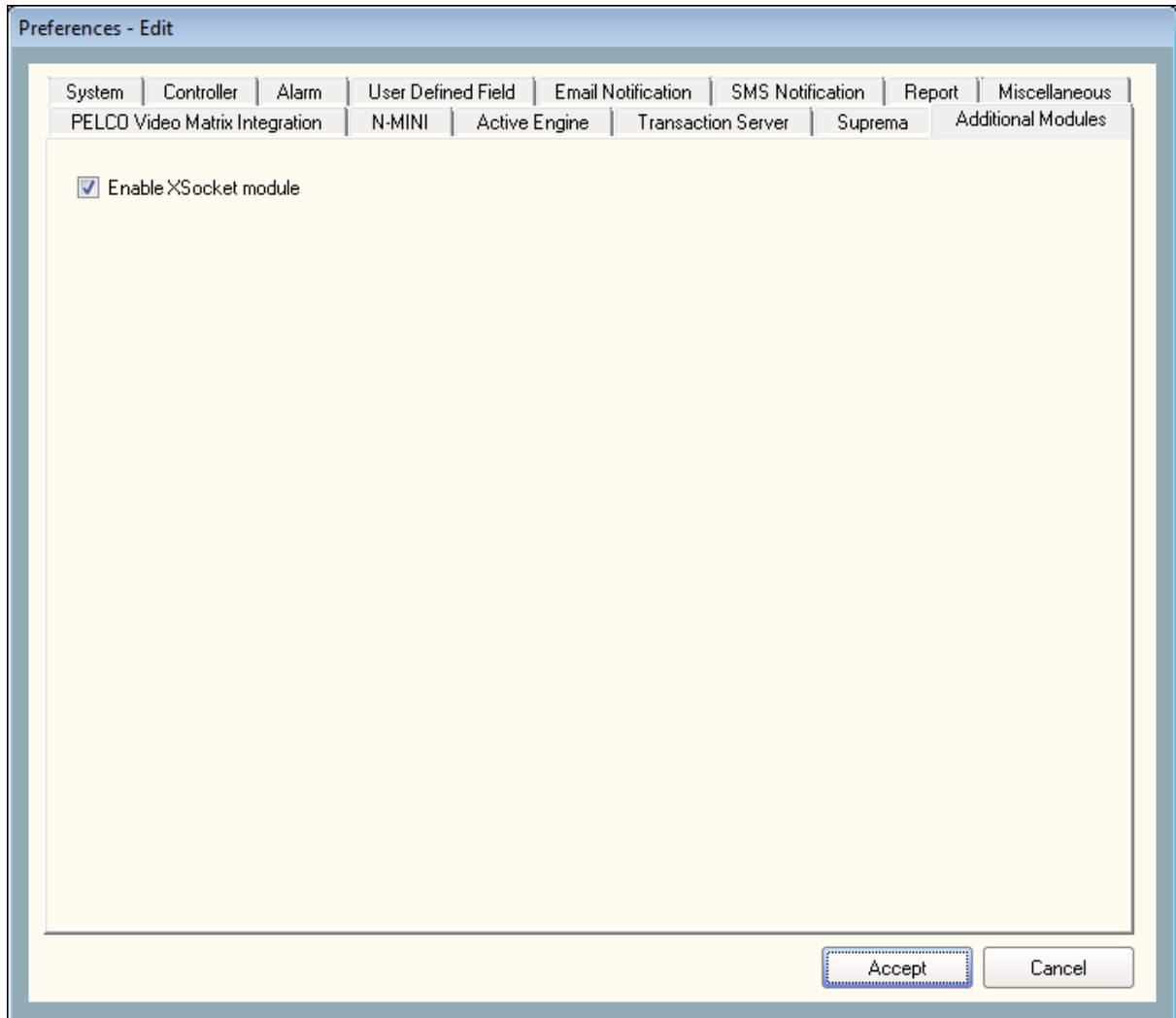


NOTE: Door Force Open Trigger Alarm feature only applicable for Batch 4 and above HCB controller

Part



23 Appendix G - XSocket Module

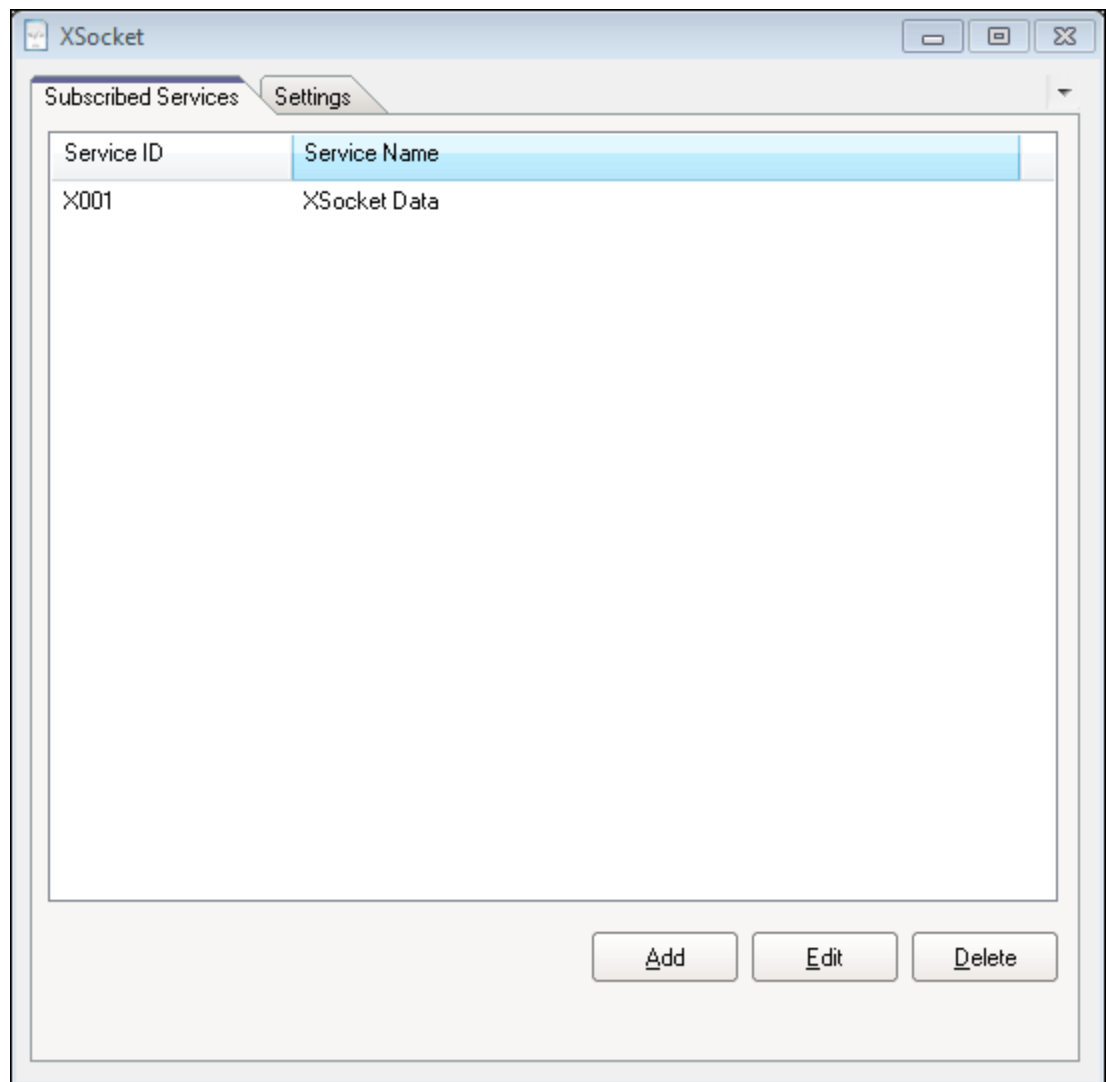


NOTE: XSocket Module only available in Platform1 Professional

Tick the check box of 'Enable XSocket module' to activate XSocket feature



Double click on the XSocket icon on the taskbar to execute the configuration windows



Subscribed Service - Show the subscribed XSocket service ID and Name

Setting - Configuration for XSocket Module

General

- Housekeeping schedule: Perform housekeeping by removing incomplete processed track ID on selected day
- Track ID Validity: Validity duration of incomplete processed Track ID

Email Alert

- Enable Email Alert: XSocket Module will send alert email to configured email if this option is enabled
- SMTP Server: Email SMTP server
- SMTP Port No.: Email SMTP port number
- Email Account: Email address or Email User name
- Account Password: Email account password

SMS Alert

- Enable SMS Alert: Xsocket Module will send alert sms to configured SMS service centre if this option is enabled

- Service Centre: SMS/Text Message service centre number
- SIM Phone No.: Handset number
- SIM Pin No.: Sim Card Pin Number
- Comm. Port No.: GSM module communication port number
- Baud Rate.: Communication port baud rate

Add a new service

1. Click Add under Xsocket - Subscribed Services

2. Service ID - Give an ID for the service
3. Service Description - Give a description for the service
4. Setting - General
 - Command Receiving TCP Port: XSocket will listen to this port to receive command form 3rd party software
 - Result Sending TCP Port: XSocket will send 2nd acknowledgement to 3rd party software via this port
 - Track ID Validity Period: Duration of validity for track id

The screenshot shows the 'Setting' window with the 'General' tab selected. It contains three configuration items: 'Command Receiving TCP Port' set to 2604, 'Result Sending TCP Port' set to 2604, and 'Track ID Validity Period' set to 1 hour. Each item has a text input field, a spinner button, and a range or unit indicator.

Setting	Value	Range/Unit
Command Receiving TCP Port	2604	(1 to 65535)
Result Sending TCP Port	2604	(1 to 65535)
Track ID Validity Period	1 hour	

5. Setting - Source IP Address

- XSocket will only process command sent from the IP Address listed in Source IP Address table

- Add: Add a new IP address
- Replace: Replace the existing IP address to a new IP address
- Delete: Delete the current IP address

The screenshot shows the 'Setting' window with the 'Source IP Address' tab selected. It displays a list of IP addresses with one entry, '64.187.239.210'. Below the list is an 'IP Address:' label and a text input field for adding new addresses. At the bottom are three buttons: 'Add', 'Replace', and 'Delete'.

IP Address
64.187.239.210

IP Address:

6. Setting - Email Notification

- Add: Add a new email address for email alert sending purpose
- Replace: Replace the existing email address to a new email address
- Delete: Delete the current email address

The screenshot shows a web-based 'Setting' interface. At the top, there's a title bar 'Setting' in blue. Below it are four tabs: 'General', 'Source IP Address', 'Email Notification' (which is selected and highlighted with a blue underline), and 'SMS Notification'. The main content area is divided into two sections. The left section contains a large text box with the email address 'support@entrypass.net' entered. Below this text box is a label 'Email Address:' followed by an empty input field. At the bottom of this section are three buttons: 'Add' (highlighted with a blue border), 'Replace', and 'Delete'. The right section of the main content area is currently empty.

7. Setting - SMS Notification

- Add: Add a new phone number for SMS alert sending purpose
- Replace: Replace the existing phone number to a new phone number
- Delete: Delete the current phone number

Setting

General Source IP Address Email Notification **SMS Notification**

+0121231234

Phone No. (e.g. +60121234567)

8. Database - Access Level

Configure the access level for the service

Only the selected access level will be processed under the service

Database

Access level Lift Access Level Access Group

Access Level in this service: Accessible Doors for Access Level [0]

0 - No Access
1 - Full Access

Door Name	Door Description	In TZ
All Doors		0 - Not Active

Total: 2 Total: All Doors

9. Database - Access Level - Configure

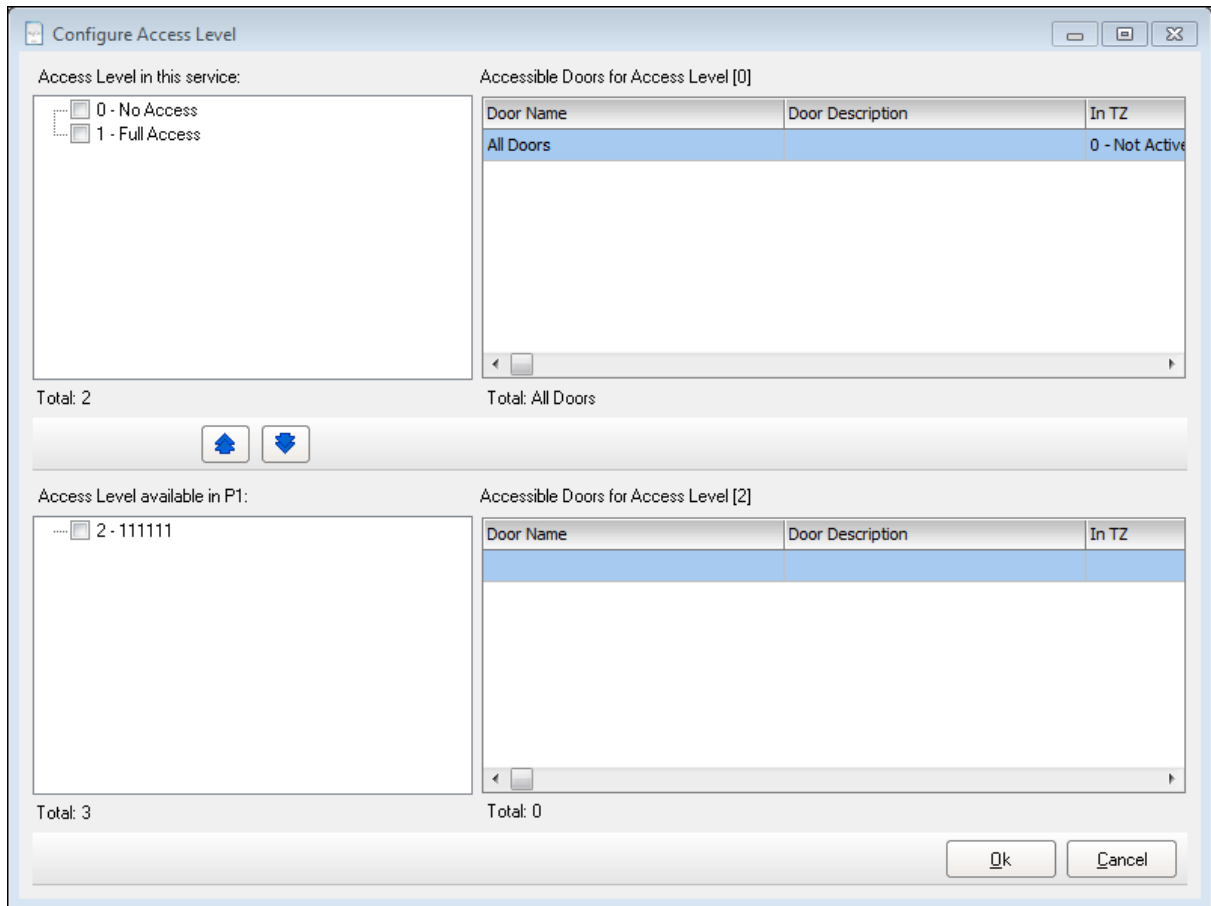
Configure the access level of the service by add or remove the access level

To add access level to the service:

- Click  after select the access level shown under "Access Level Available in P1" by tick the access level check box

To remove access level from the service:

- Click  after select the access level shown under "Access Level in this service" by tick the access level check box



The dialog box is titled "Configure Access Level". It contains two main sections for configuring access levels.

Top Section:

- Access Level in this service:** A list with two items:
 - ☐ 0 - No Access
 - ☐ 1 - Full Access
- Accessible Doors for Access Level [0]:** A table with columns: Door Name, Door Description, and In TZ.

Door Name	Door Description	In TZ
All Doors		0 - Not Active
- Total:** 2
- Total:** All Doors

Bottom Section:

- Access Level available in P1:** A list with one item:
 - ☐ 2 - 111111
- Accessible Doors for Access Level [2]:** A table with columns: Door Name, Door Description, and In TZ.

Door Name	Door Description	In TZ
- Total:** 3
- Total:** 0

At the bottom right, there are "Ok" and "Cancel" buttons.

10. Database - Lift Access Level

Configure the lift access level for the service

Only the selected lift access level will be processed under the service

Database

Access level **Lift Access Level** Access Group

Lift Access Level in this service: Accessible Lifts for Lift Access Level [0]

0 - No Access

1 - Full Access

Lift Name	Lift Description	Floor Access Level
All Lifts		0 - Not Active

Total: 2 Total: All Lifts

Configure

11. Database - Lift Access Level - Configure

Configure the lift access level of the service by add or remove the access level

To add lift access level to the service:

- Click  after select the access level shown under "Lift Access Level Available in P1" by tick the access level check box

To remove lift access level from the service:

- Click  after select the access level shown under "Lift Access Level in this service" by tick the access level check box

Configure Lift Access Level

Lift Access Level in this service:

☐ 0 - No Access
☐ 1 - Full Access

Total: 2

Accessible Lifts for Lift Access Level [0]

Lift Name	Lift Description	Floor Access
All Lifts		0 - Not Active

Total: All Lifts

Lift Access Level available in P1:

Total: 2

Accessible Lifts for Lift Access Level [nil]

Lift Name	Lift Description	Floor Access

Total: 0

12. Database - Access Group - Configure

Configure the Access Group of the service by add or remove the access level

To add Access Group to the service:

- Click  after select the access level shown under "Access Group Available in P1" by tick the access level check box

To remove lift Access Group from the service:

- Click  after select the access level shown under "Access Group in this service" by tick the access level check box

Database

Access level Lift Access Level **Access Group**

Access Group in this service: Accessible Doors for Access Group [Acc_G1]

Acc_G1 -

Acc_G2 -

Door Name ^	Door Description	In TZ
N54_D1	Dr A	1 - 24 Hours Active
N54_D2	Dr B	1 - 24 Hours Active

Total: 2 Total: 2

11. Database - Access Group - Configure

Configure the Access Group of the service by add or remove the access level

To add Access Group to the service:

- Click  after select the Access Group shown under "Access Group Available in P1" by tick the access level check box

To remove Access Group from the service:

- Click  after select the Access Group shown under "Access Group in this service" by tick the access level check box

Configure Access Group

Access Group in this service:

..... ☐ Acc_G1 -

Total: 1

Accessible Doors for Access Group [Acc_G1]

Door Name	Door Description	In TZ
N54_D1	Dr A	1 - 24 Hours
N54_D2	Dr B	1 - 24 Hours

Total: 2

Access Group available in P1:

..... ☒ Acc_G2 -

Total: 1

Accessible Doors for Access Group [Acc_G2]

Door Name	Door Description	In TZ
N54d1		1 - 24 Hours

Total: 1

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