

# ENTRYPASS PLATFORM1 SERVER CONFIGURATION GUIDE

Version: 1.14

Last Updated: 19-10-2017



# Table of Contents

Before You Begin .....	4
Hardware Introduction .....	5
Default EntryPass Network Parameter .....	9
Before Hardware Installation .....	10
EP Device Server Manager (Web Based Configuration) .....	11
Firmware version 4.12 or below .....	17
Firmware version 4.13 or above .....	23
P1 server Software Installation Guide .....	30
Firebird Setup .....	32
P1 Server Setup .....	46
Active Networked Controller Setup Steps .....	55
Adding New Controller .....	69
Replacing Existing Hardware with New Hardware .....	78
Serial (RS232/RS485) Controller Setup Steps .....	85
How to create Access Level And Access Group .....	103
Difference Between Access Level And Access Group .....	104
Create Access Level .....	105
Create Access Group .....	111



# Table of Contents

How to Create Staff and Card Data .....	118
Create Local Antipassback .....	130
Create Global Antipassback .....	138
Appendix A: Network Cable Connection .....	159
Appendix B: Dip-Switch Addressing Table .....	160
Appendix C: Trouble Shooting .....	161
Appendix D: Wiegand Group(s) Selection .....	162
Appendix E: Car Park Barrier Setting .....	163
Appendix F: Suprema Setting .....	165
Appendix G: Enroll Fingerprint .....	168
Appendix H: L3800 Controller Wiegand Format Setting .....	169
Appendix I: Turnstile Setting .....	170



# BEFORE YOU BEGIN

## 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 9:00 AM to 6:00 PM (GMT +8:00)

### Method Details

Phone + 60 (3) - 8068 1929

Fax + 60 (3) - 8068 1922

Internet [www.entrypass.net](http://www.entrypass.net)

Email [support@entrypass.net](mailto:support@entrypass.net)





# Hardware Introduction



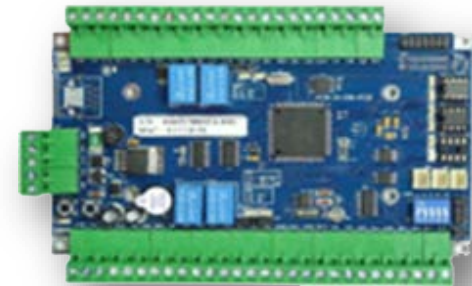
Active Network Control Panel  
(N5150)



Active Network Control Panel  
(N5200, N5400)



RS232/RS485 Serial Control Panel  
(S3150)



RS232/RS485 Serial Control Panel  
(S3200, S3400)



# Hardware Introduction



Active Network Control Panel  
(N6200, N6400)



Networked Integrated Reader  
Controller (N-MINI 2 – N618, N668)

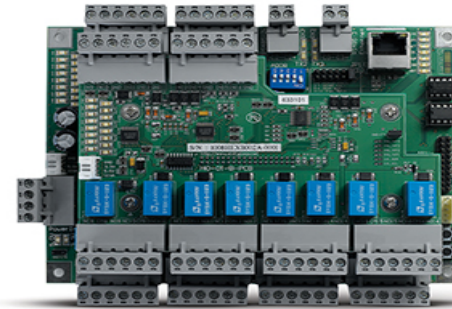


# Hardware Introduction

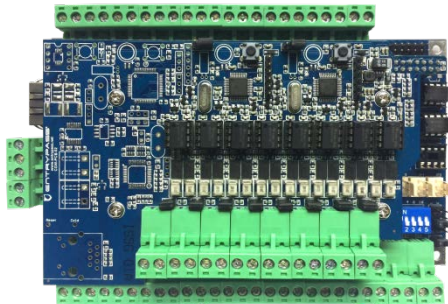


Serial Lift Access Control Panel  
(L3800)

+

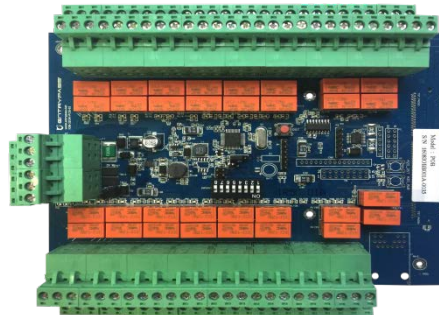


Hybrid Input & Output Control Panel  
(HIO)



Networked Lift Access  
Control Panel  
(NE4800)

+



Passive Output Board  
(POB)

+



Wiegand Converter  
(WIE.485)



# Default EntryPass Network Parameters

Controller/control panel available: N5150, N5200, N5400, NMINI, N-MINI 2 and HIO

Default EntryPass network parameters:

Network Parameter	Network Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway	0.0.0.0
Server IP	192.168.1.254
Port No.*	2020

\*Port No.: 2020 [Enable self discover wizard between P1 server and controller/control panel (herein refer as **Hardware**)].



# Before Hardware Installation

Before changing the **Hardware** network parameter, please ensure the following steps are fulfilled:

1. Request necessary IP addresses from network administrator.
2. Ensure the controller is firmly connected to the network switch [[Crossed cable](#) can be used to connect to single **Hardware** to PC/Laptop (herein refer as **Server**) ].
3. Ensure the **Server** network parameter is set to the same subnet range as the **Hardware** IP (ex: 192.168.1.50) .
4. In **Server** command prompt, issue a PING command to ensure the connectivity between **Server** and **Hardware**. (If no reply from target hardware, please refer to [Appendix C](#) )



# EP Device Server Manager (Web Server Configuration)

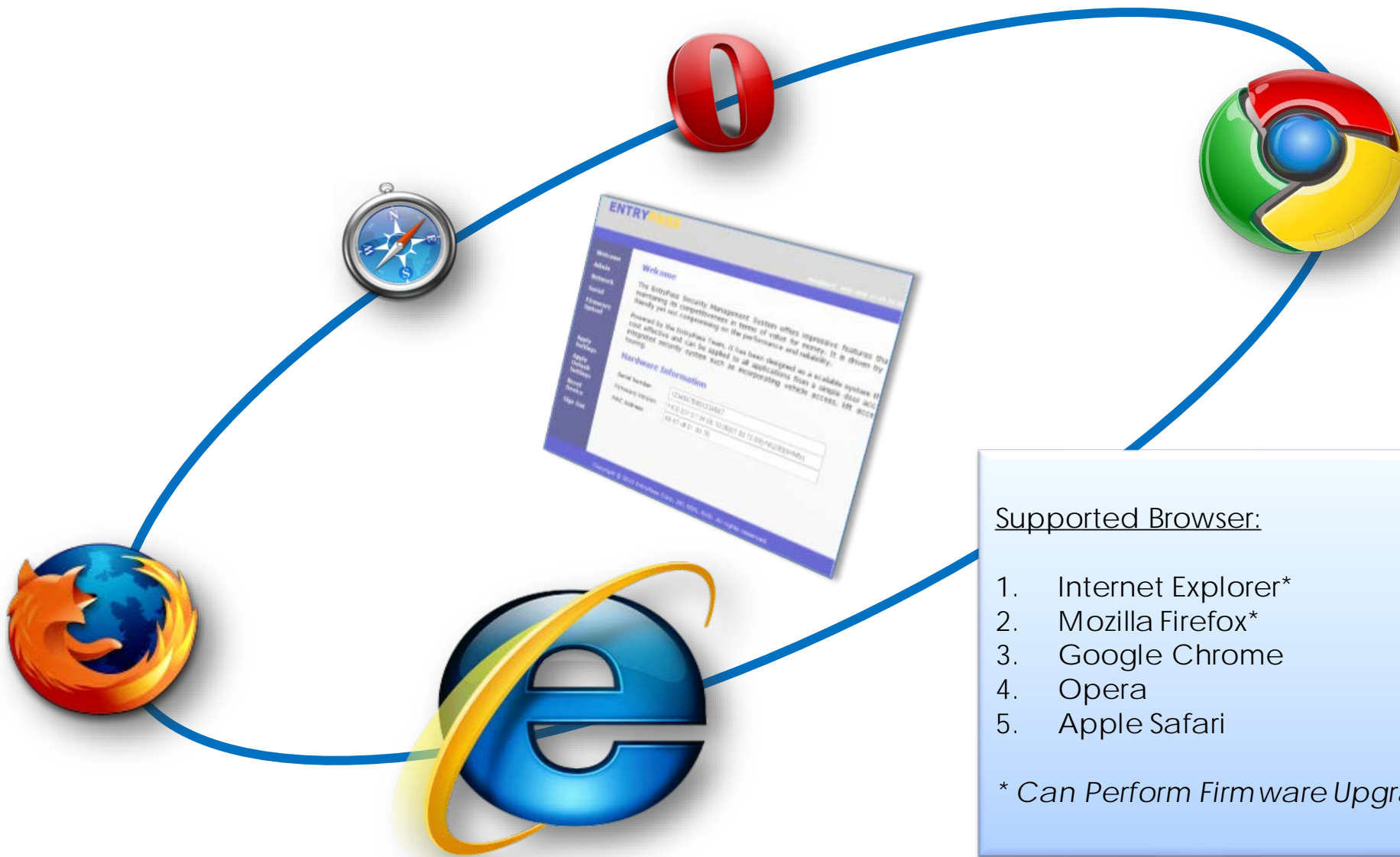




## Before Start...

*HCB based (N5150, N5200, N5400) and HIO Network controller come with web-base Device Server Manager. User can easily view the hardware information of the controller as well as do some basic configuration such as Network Setting. Every EntryPass network hardware were configured to default IP address (192.168.1.100). So user can login to web-base Device Server Manager via this default IP Address using compatible internet browser.*





- Supported Browser:
1. Internet Explorer\*
  2. Mozilla Firefox\*
  3. Google Chrome
  4. Opera
  5. Apple Safari
- \* Can Perform Firm ware Upgrade






The screenshot shows a web browser window with the address bar containing '192.168.1.100'. The page title is 'EntryPass Device Server Manager'. The main content area features a 'Member Login' section with the following fields and buttons:

- Username:** A text input field containing 'ADMIN'.
- Password:** A password input field with six dots.
- Login:** A button to submit the login information.
- Reset:** A button to clear the input fields.

Three orange callout boxes provide the following instructions:

1. Enter default controller IP '192.168.1.100' and then hit  button
2. Enter '123456' for password
3. Click 'Login' button to enter 'Device Server Manager'

At the bottom of the page, there is a copyright notice: 'Copyright © 2016 EntryPass Corp. (M) SDN. BHD. All rights reserved.'

**Notes:** Please refer to 'EP Device Manager User Guide' for more information on how to configure network parameter.





# Web Server Interface

There are 2 types of Web Server Interface. Each Web Server Interface contents would have different layout of user interface design depending on the controller firmware version as below:

- (a) Firmware version V4.13 or below
- (b) Firmware version V4.14 or above



# Firmware version 4.12 or below



**Notes:** Server IP Address is refer to Platform1 Server PC IP Address.



EntryPass Device Server Manager x +

192.168.1.100

ENTRYPASS

Web@built: EP.S1.04.10.14.11

Welcome  
Admin  
Network  
Serial  
Firmware Upload  
Apply Settings  
Apply Default Settings  
Reset Device  
Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

### Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Server IP Address	192.168.1.254
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Click 'Apply Settings' button to apply setting to controller

Save changes

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EntryPass Device Server Manager x +

192.168.1.100

ENTRYPASS

Web@curlt... EP: S1.04-10-14-11

Welcome

Admin

Network

Serial

Firmware Upload

Apply Settings

Apply Default Settings

Reset Device

Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

### Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Server IP Address	192.168.1.254
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Dynamic DNS

Please confirm action: <APPLY SETTINGS>

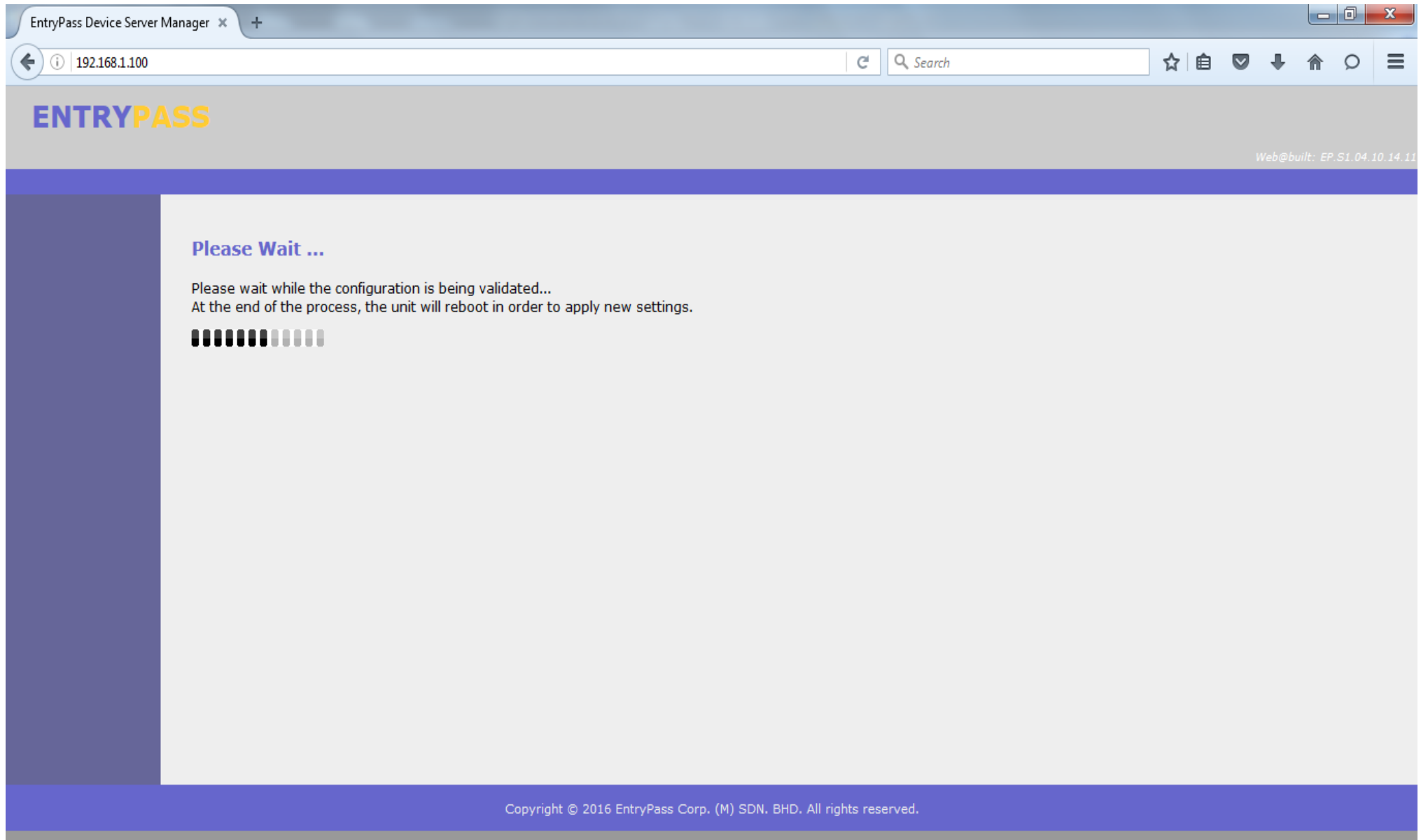
OK Cancel

Click 'OK' button

Save changes

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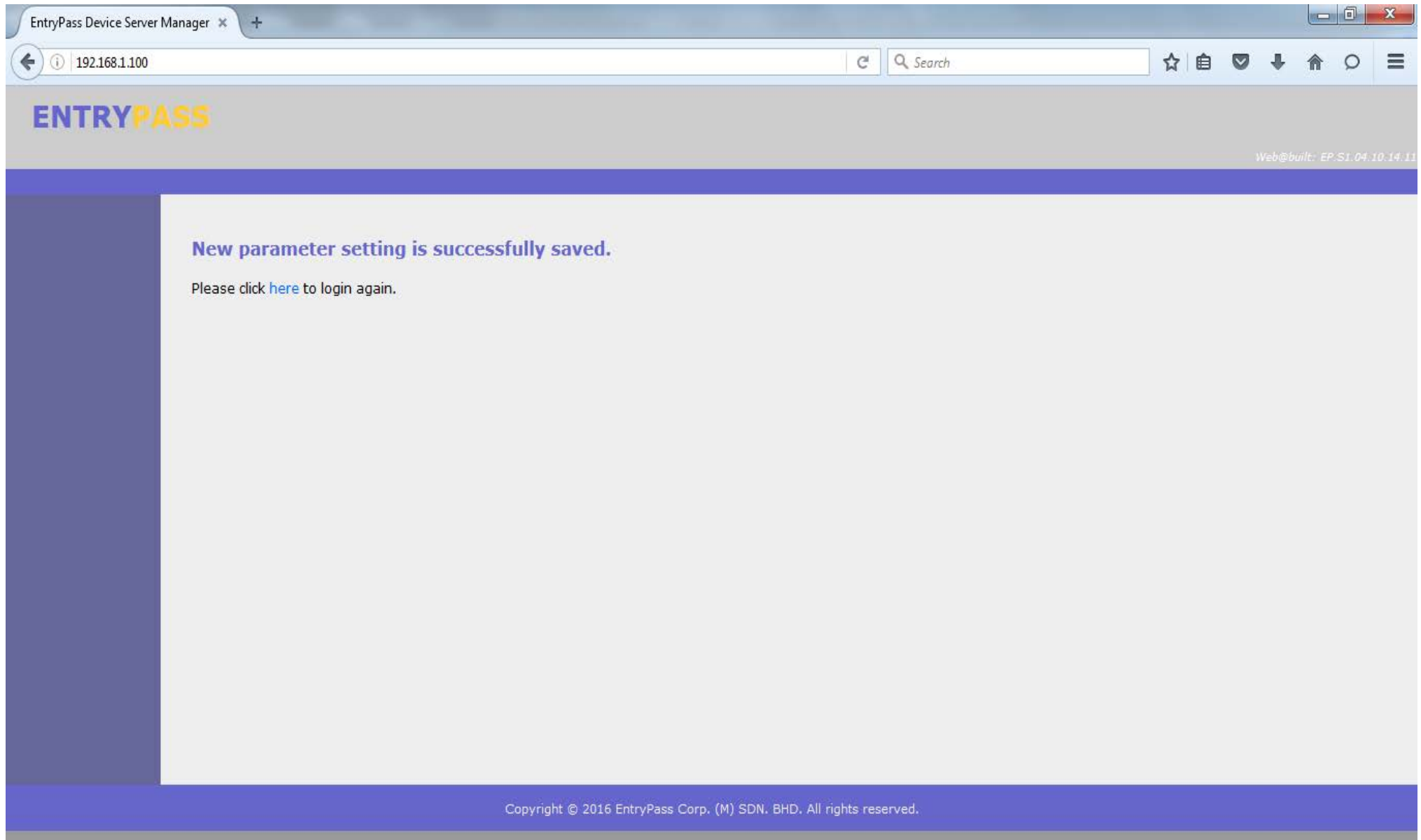




**Notes:** After applied setting, new network setting will saved into controller (**hardware** will reboot, approximately 5\_10 seconds)







**Notes:** After controller reboot, please proceed to 'Active Network Based Hardware Setup Steps'



# Firmware version 4.13 or above



EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Welcome  
Admin  
Network  
Serial  
Firmware Upload  
Apply Settings  
Apply Default Settings  
Reset Device  
Sign Out

### Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

Enter IP address, Subnet Mask, and Gateway IP respectively

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EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Welcome  
Admin  
Network  
Serial  
Firmware Upload

Apply Settings  
Apply Default Settings  
Reset Device  
Sign Out

### Network Setting

Setting	Value
Redundant Node	Node 1
Type of DNS :	<input type="radio"/> HOST <input checked="" type="radio"/> IP
Host Name / Static IP	192.168.1.254
DNS Server IP	0.0.0.0
Server Active Engine Port / Send Port	2020
Reset Node Setting	<input type="button" value="Reset"/>
Current Active Server	Node 1

1. Enter Server IP

2. Click 'Save Charges' button

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EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Welcome  
Admin  
Network  
Serial  
Firmware Upload  
Apply Settings  
Apply Default Settings  
Reset Device  
Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

### Network Settings

Network Settings

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

Click 'Apply Settings' button to apply setting to controller

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EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built... EP:51.04.14.15.14

Welcome

Admin

Network

Serial

Firmware Upload

Apply Settings

Apply Default Settings

Reset Device

Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

### Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

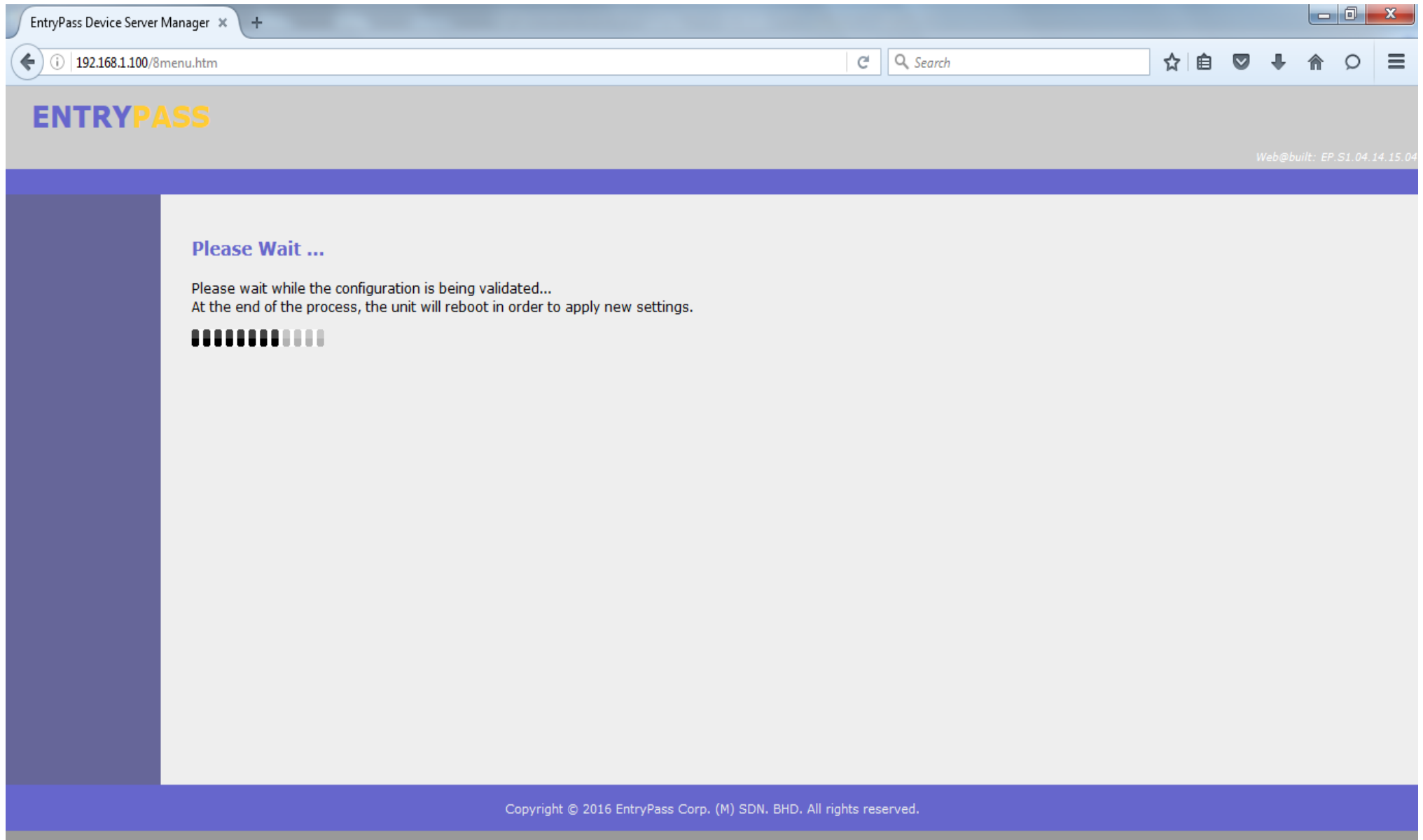
Please confirm action: <APPLY SETTINGS>

OK Cancel

Click 'OK' button

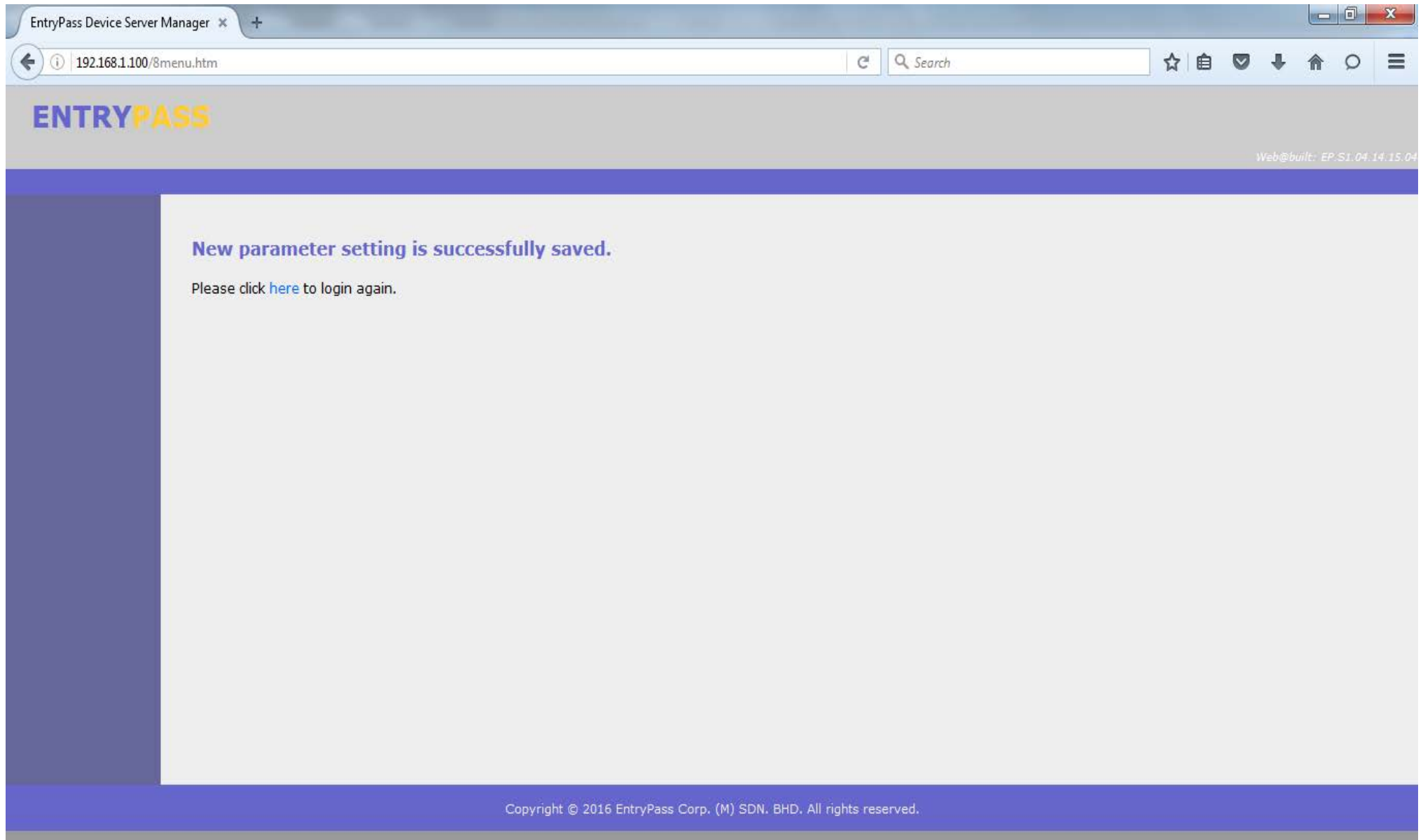
Copyright © 2016 EntryPass Corp, (M) SDN. BHD. All rights reserved.





**Notes:** After applied setting, new network setting will saved into controller (**hardware** will reboot, approximately 5\_10 seconds)





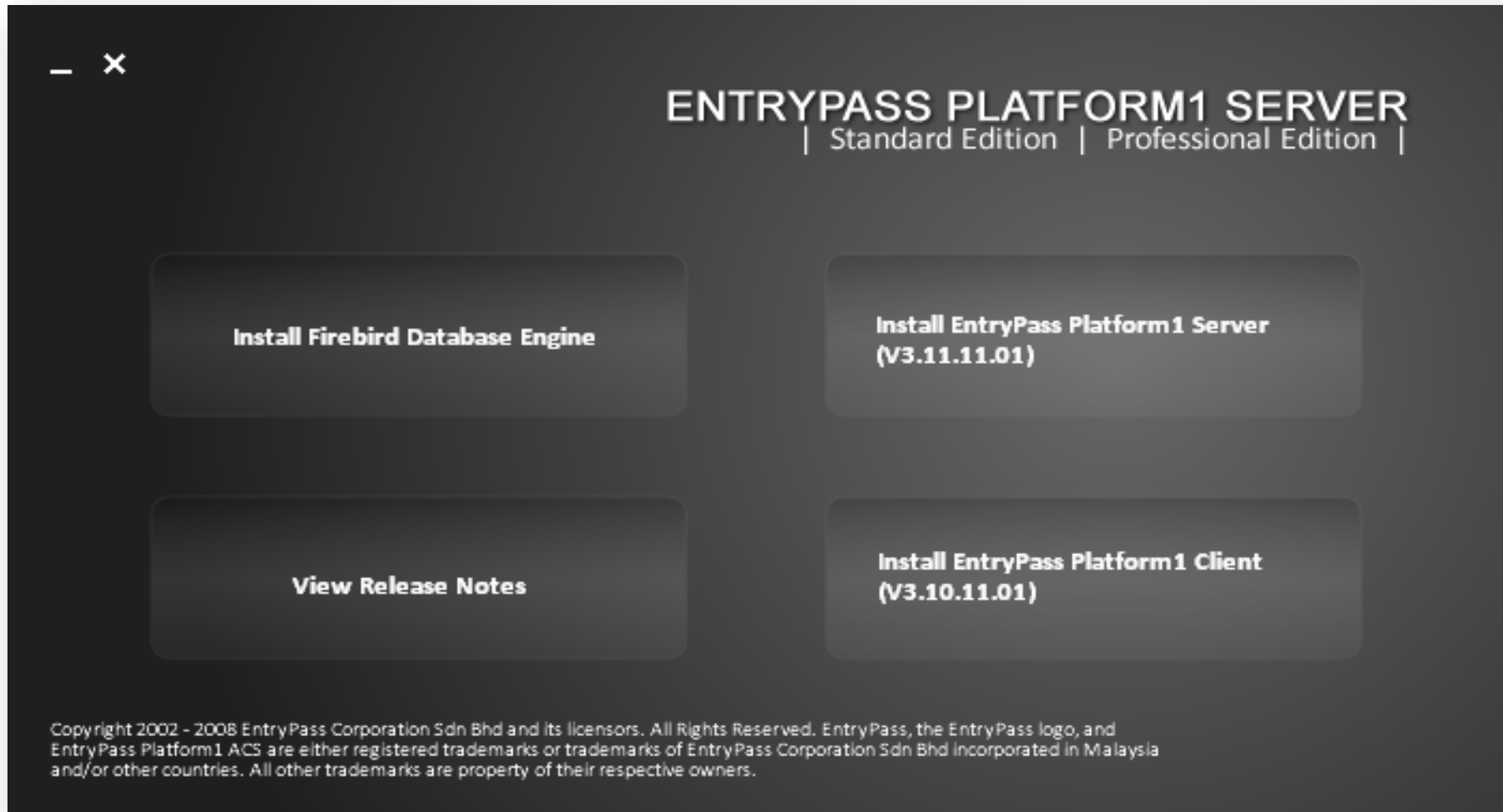
**Notes:** After controller reboot, please proceed to 'Active Networked Hardware Setup Steps'





# P1 Server Software Installation Guide

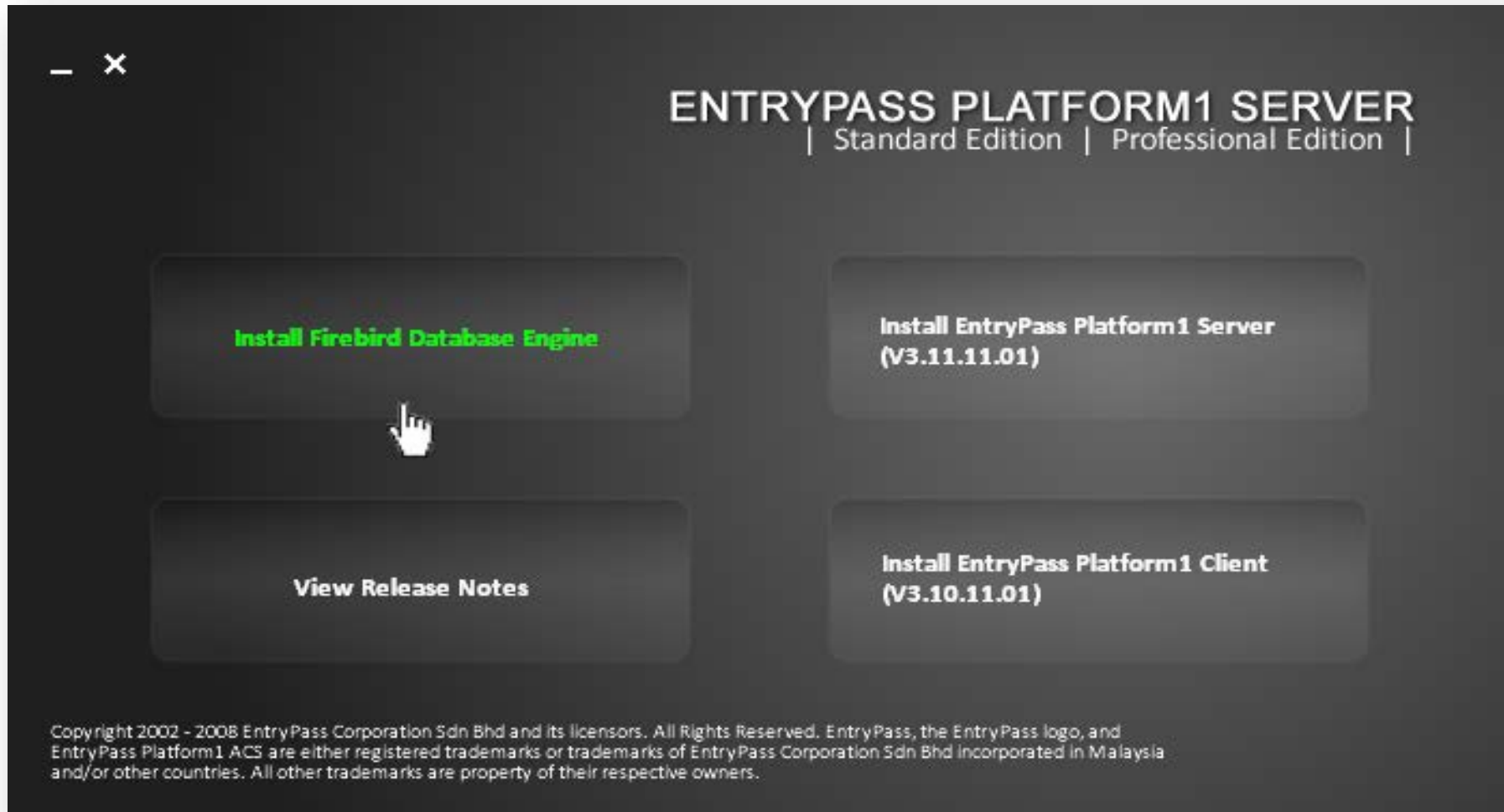




**Notes:** Insert the P1 Server Software CD. The above screen will appear.

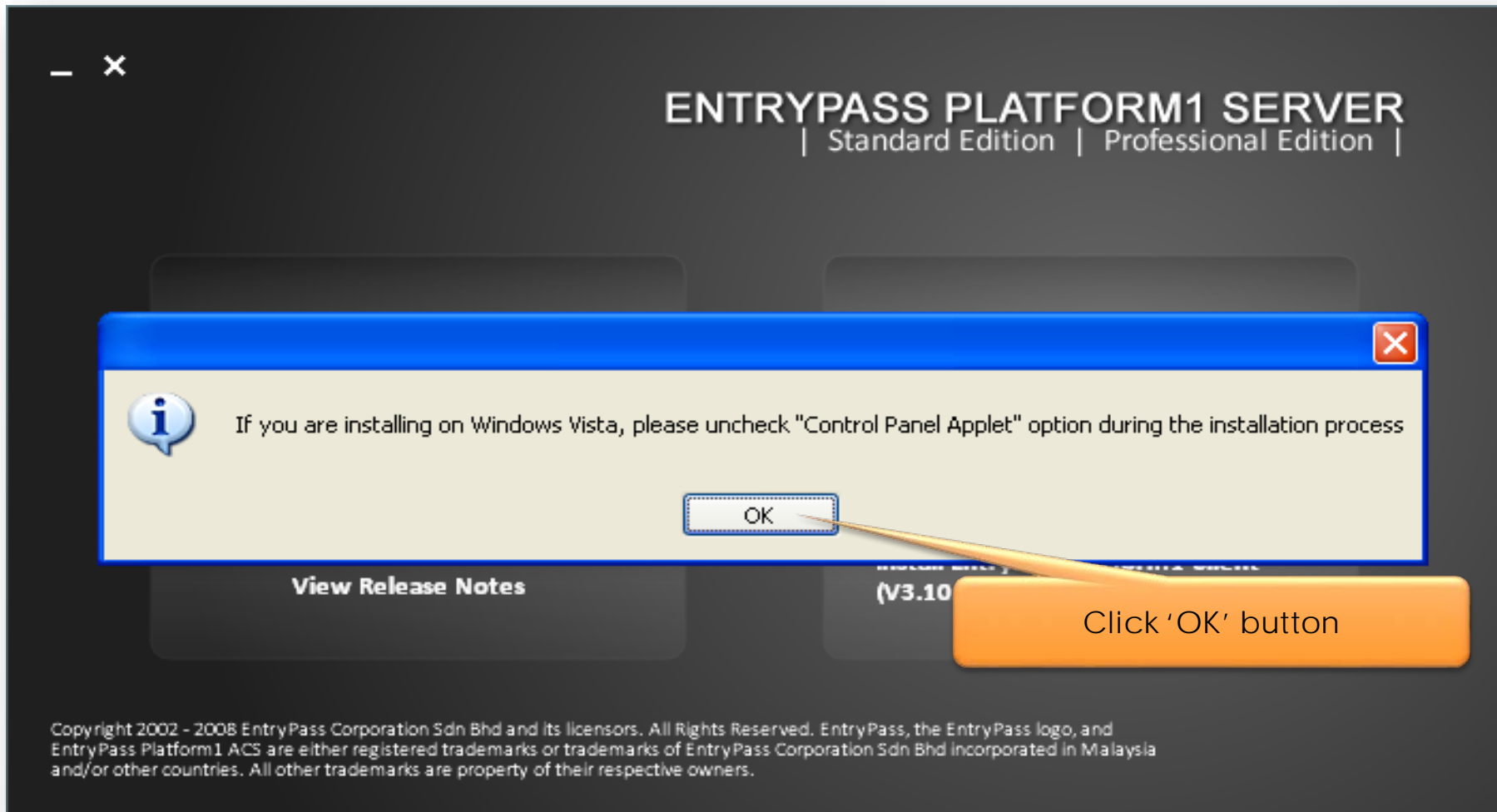


# Firebird Setup



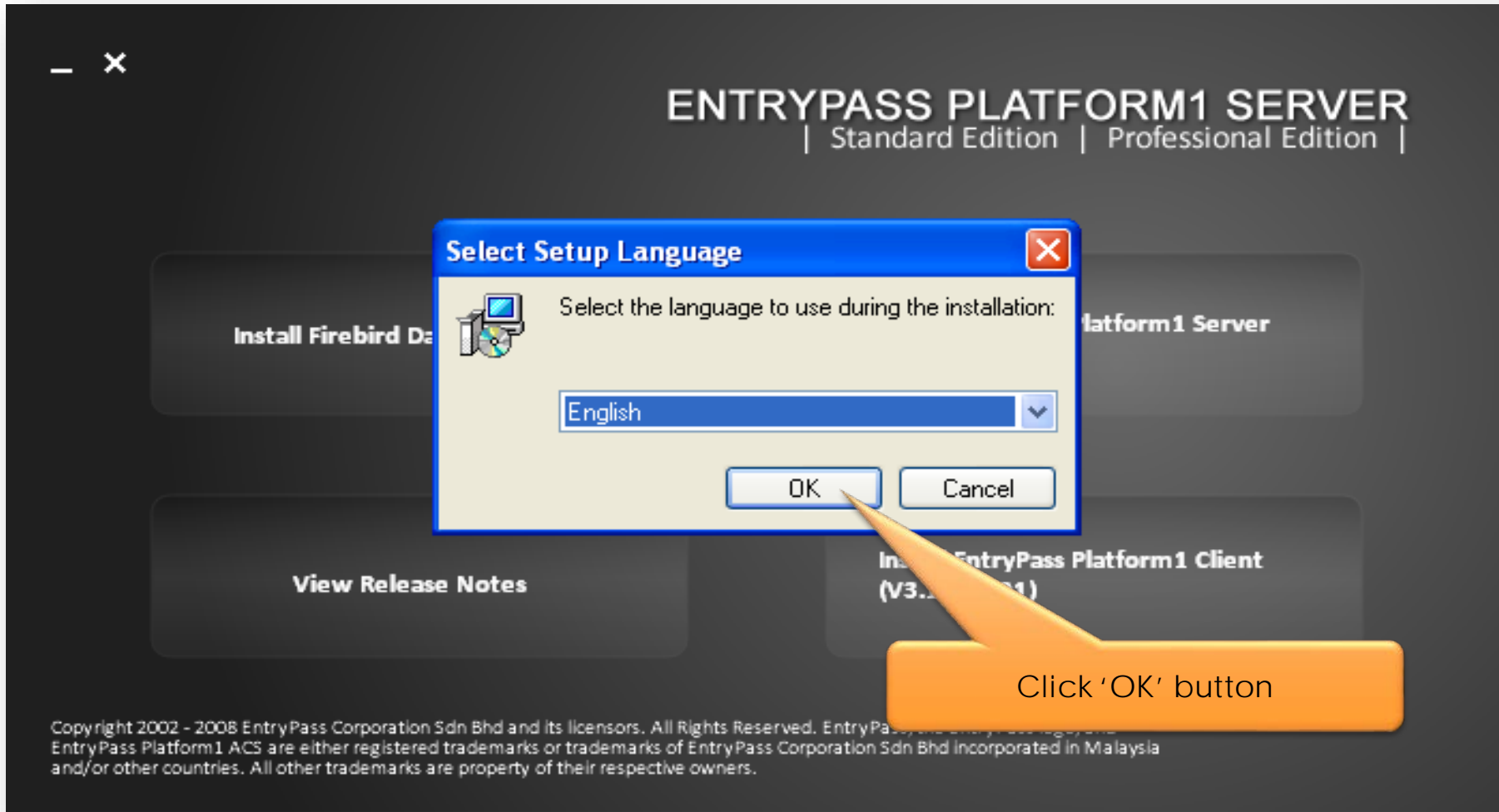
**Notes:** Click 'Install Firebird Database Engine' button to install Firebird program.



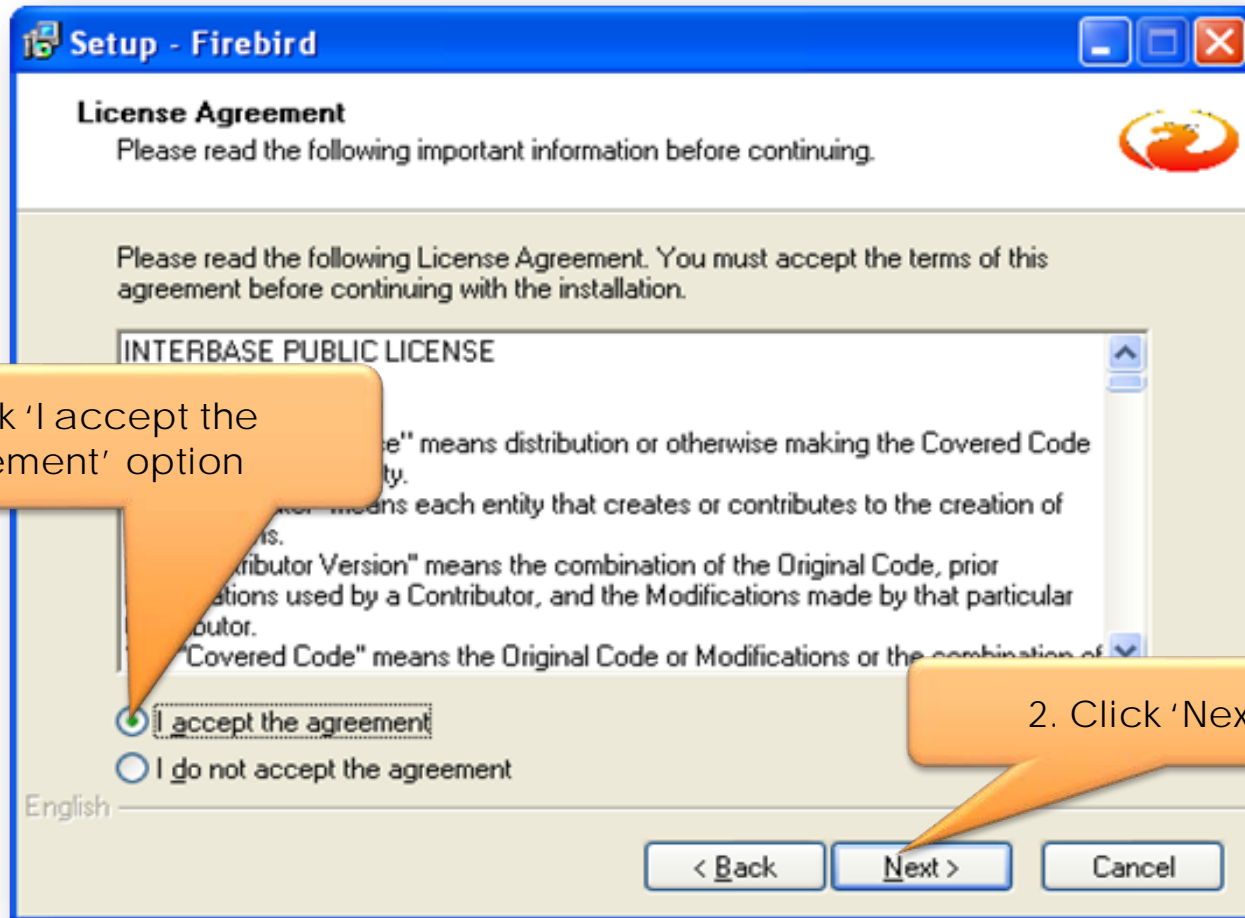


**Notes:** If you are installing on Window Vista/Win 7, please uncheck 'Control Panel Applet' option during the installation process





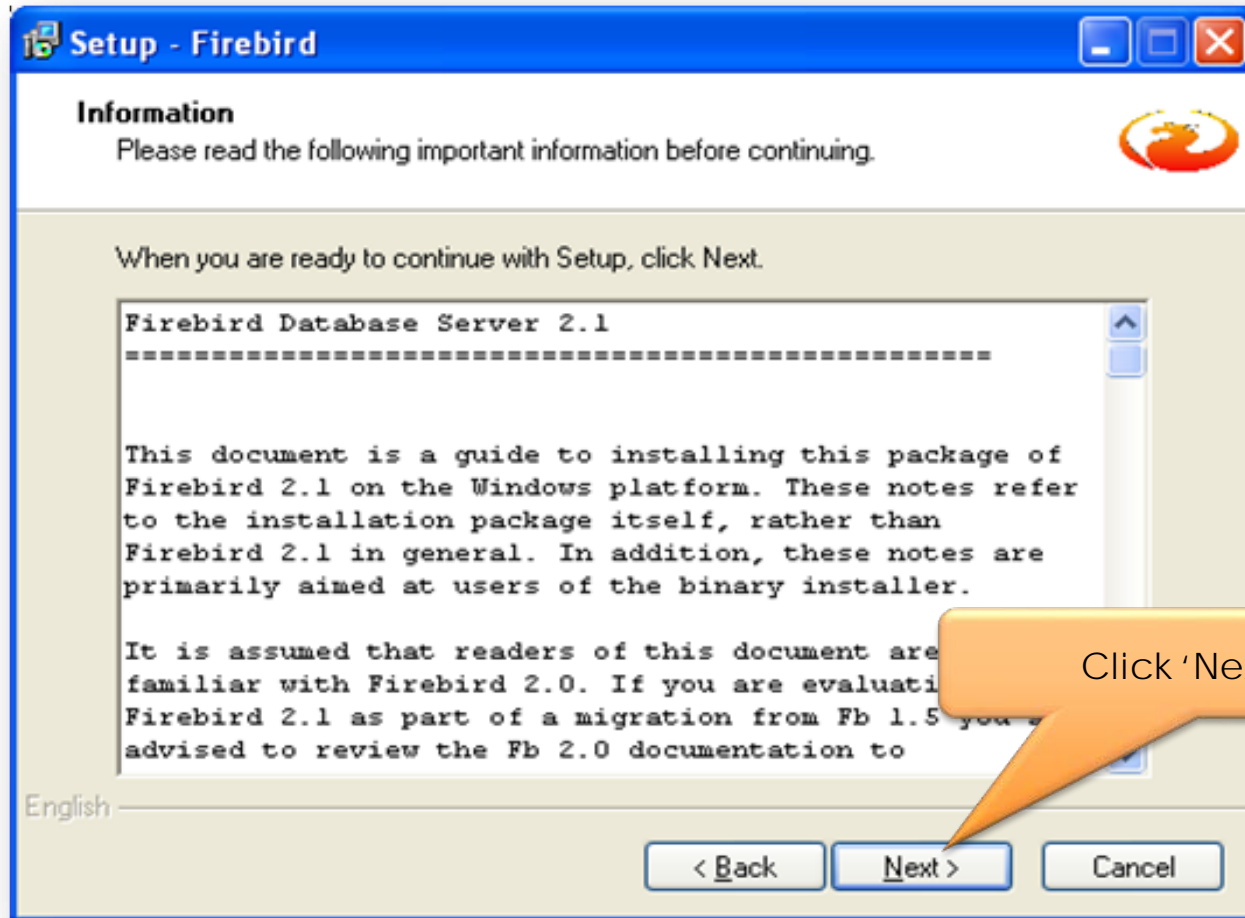




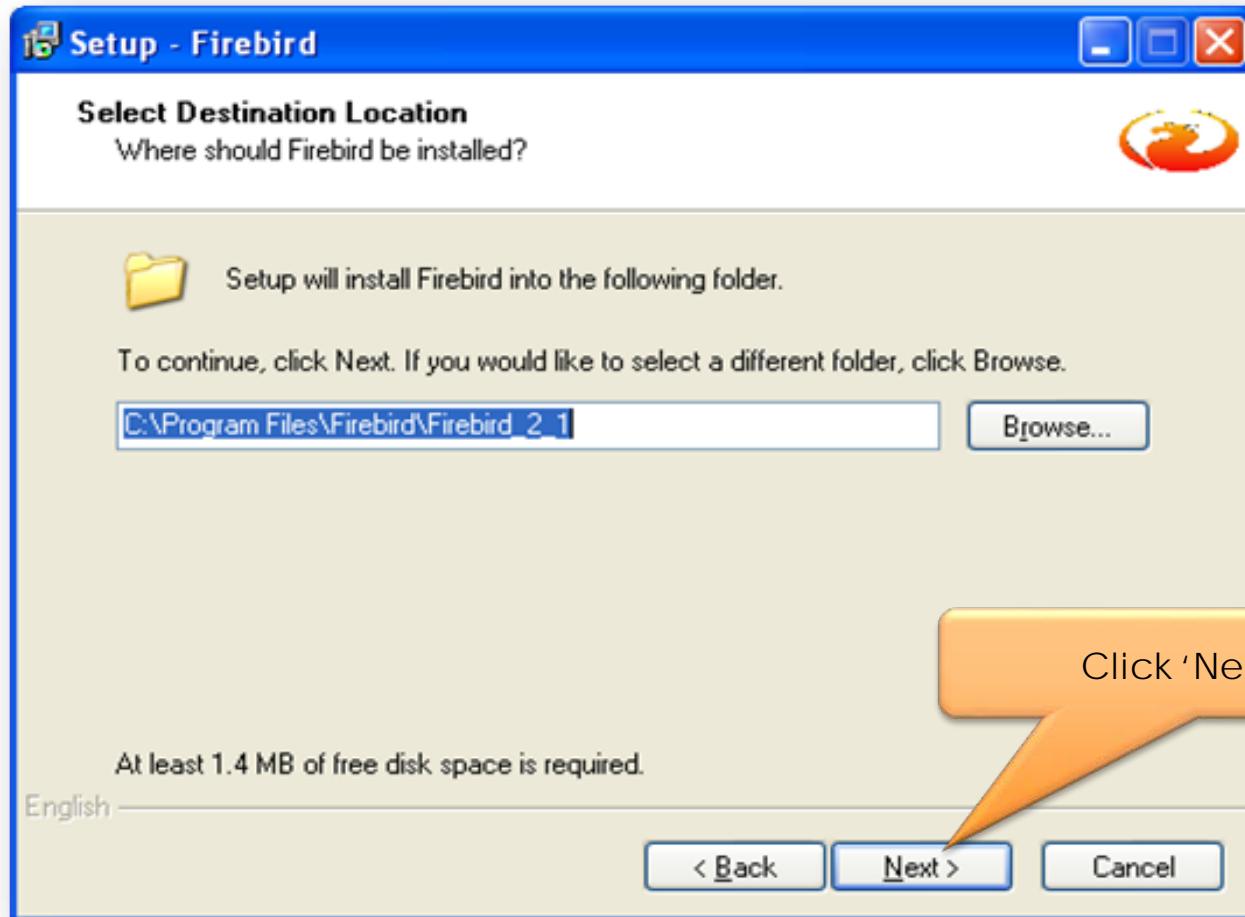
1. Click 'I accept the agreement' option

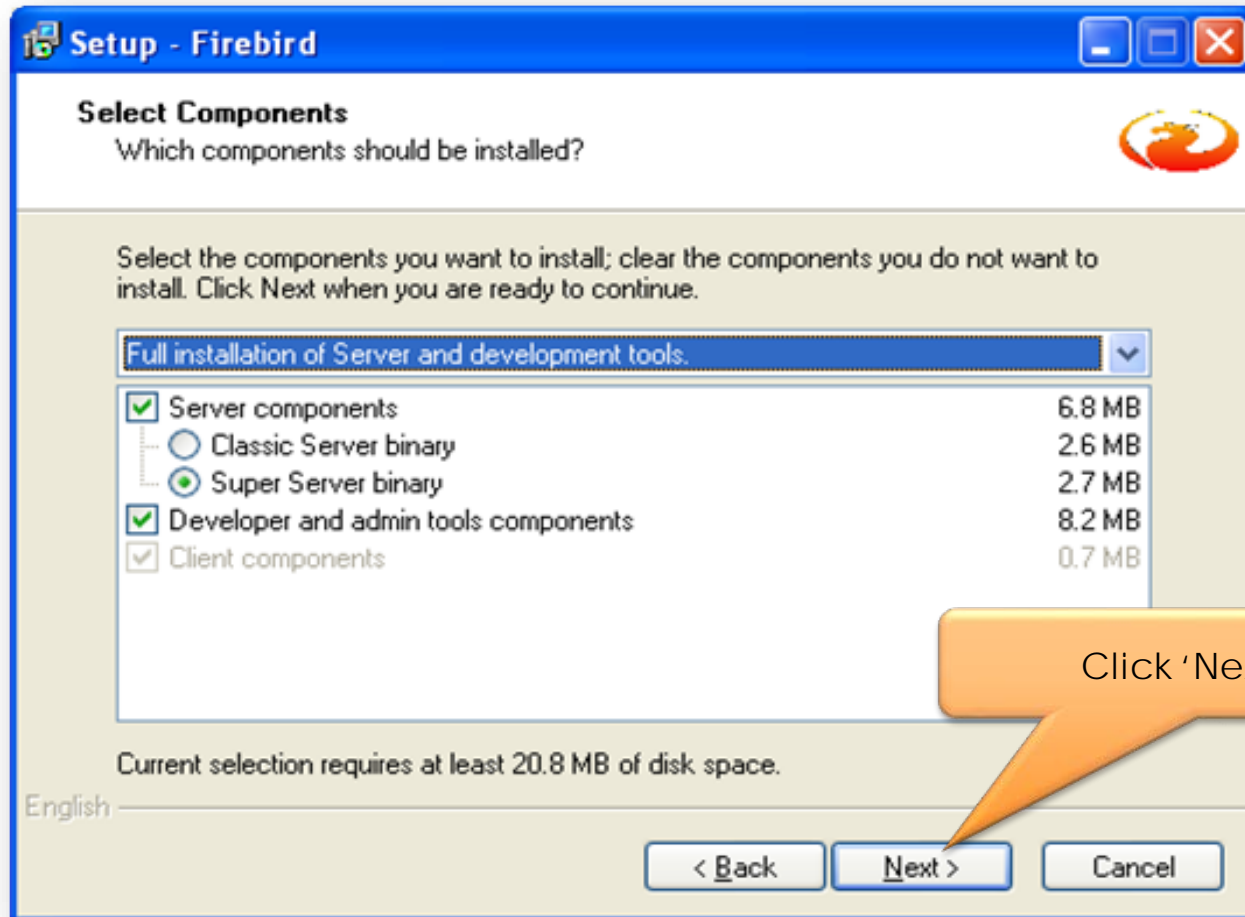
2. Click 'Next' button





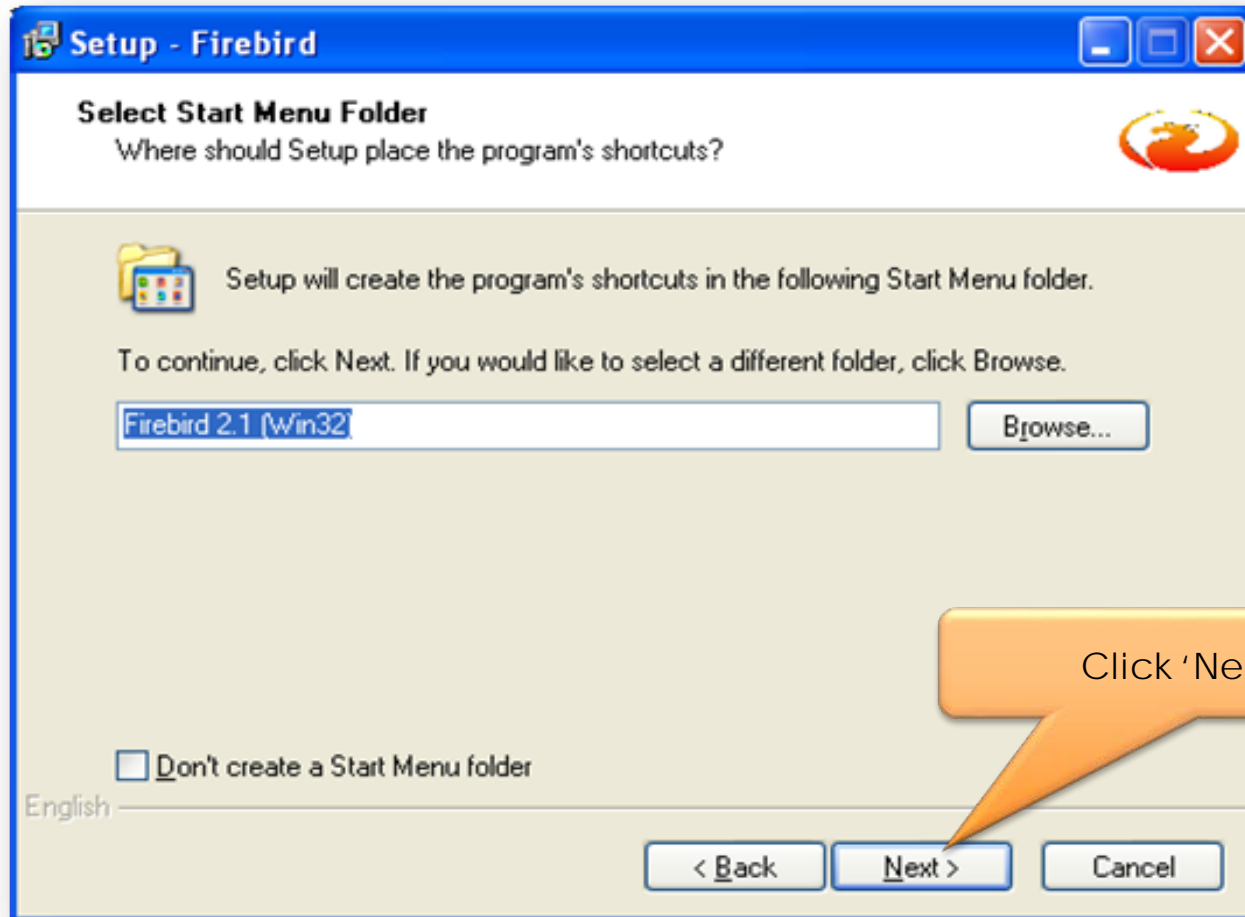


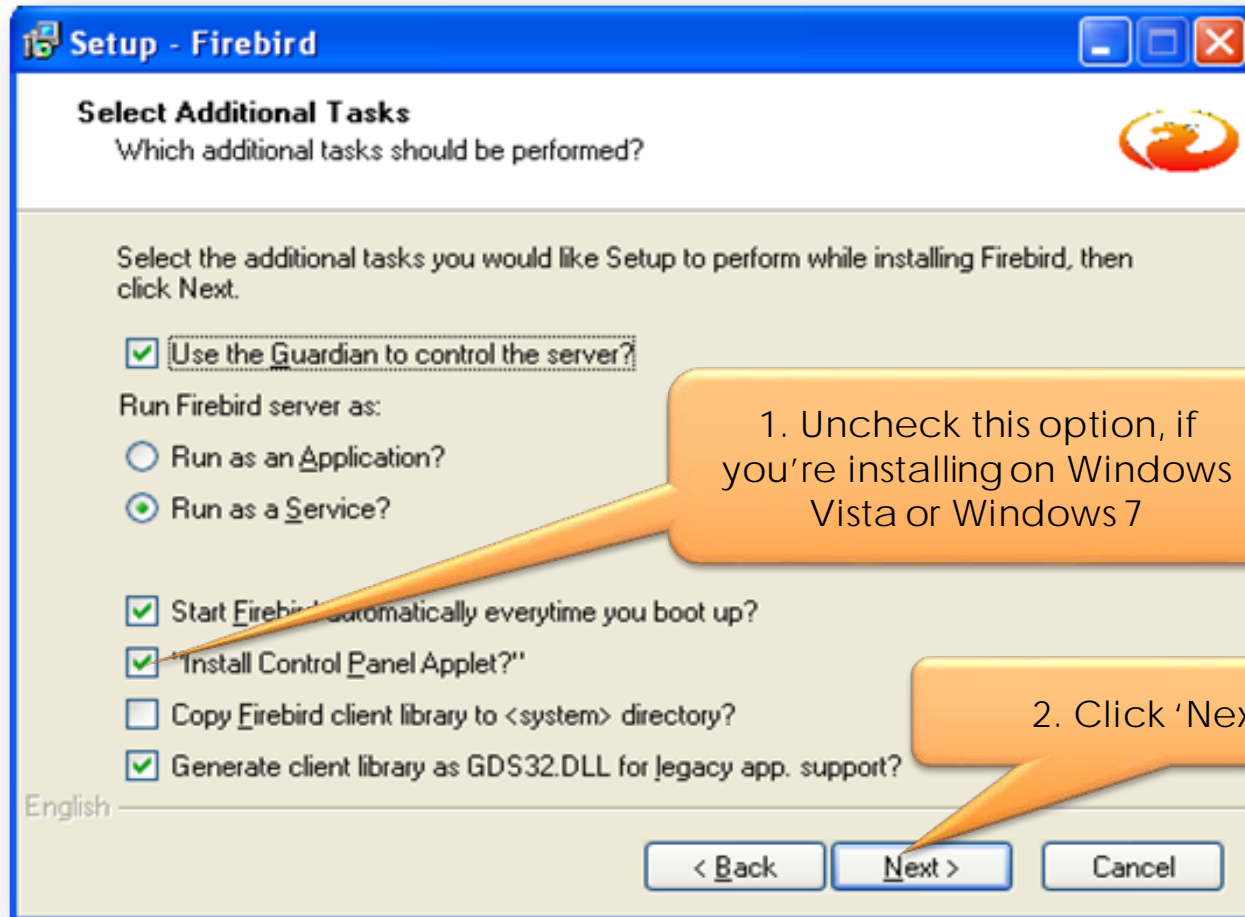




Click 'Next' button



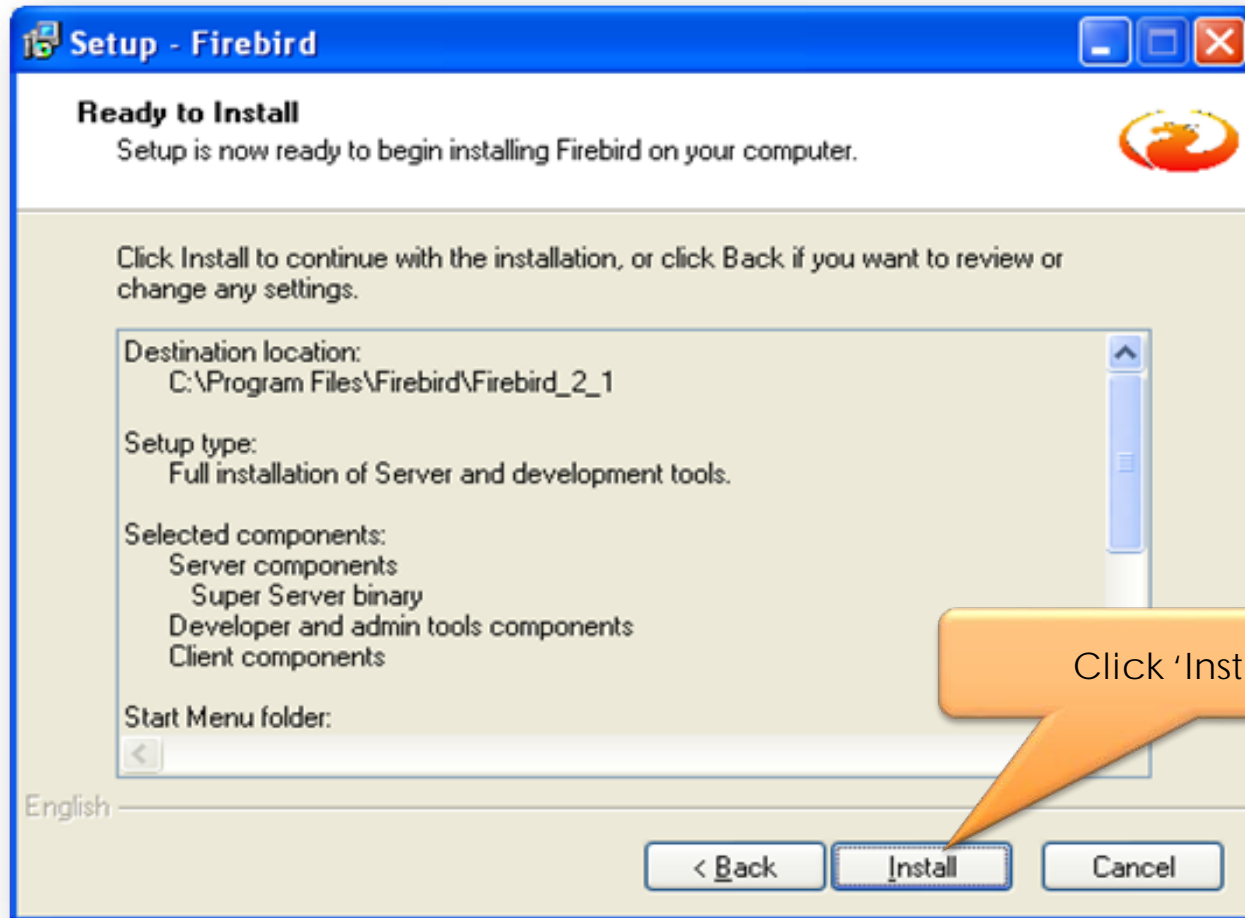


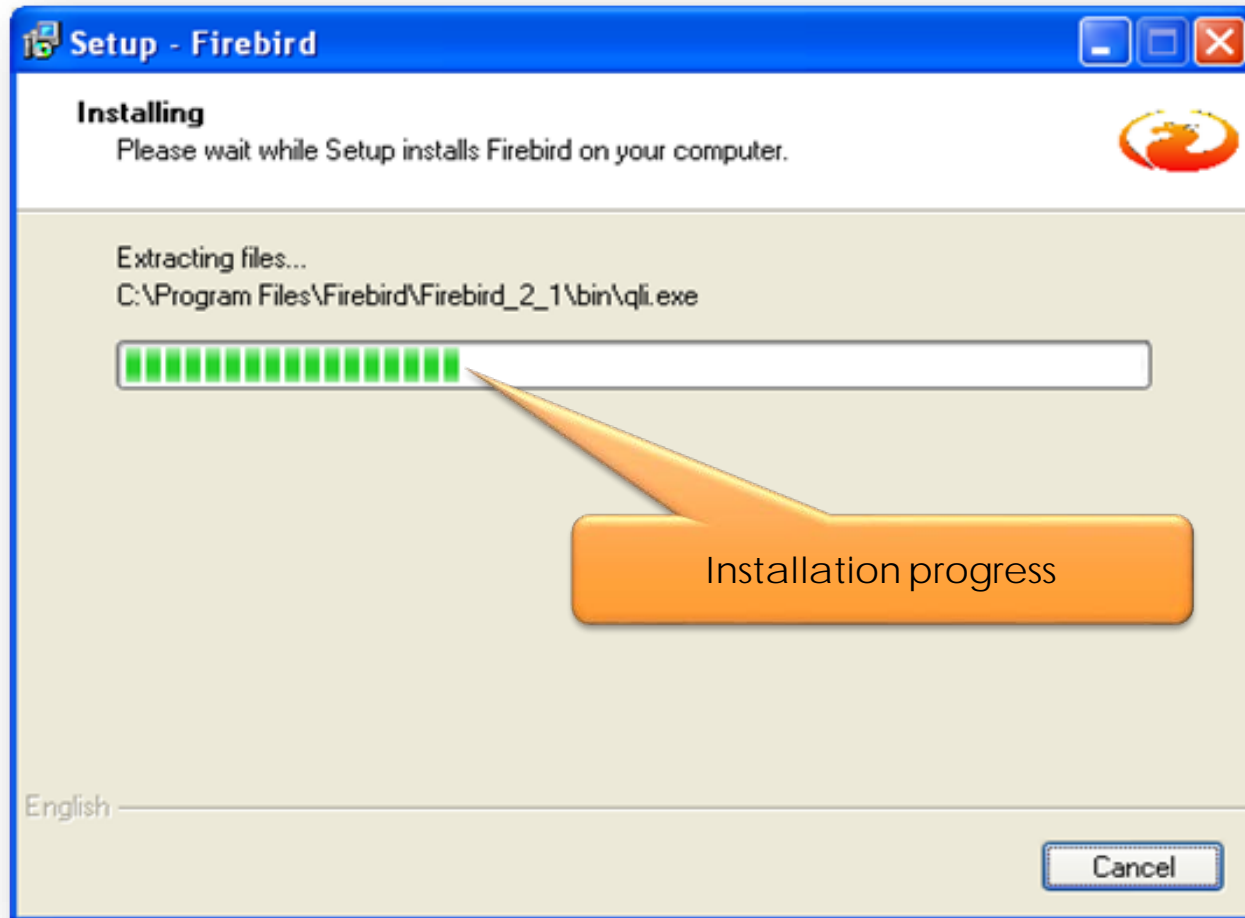


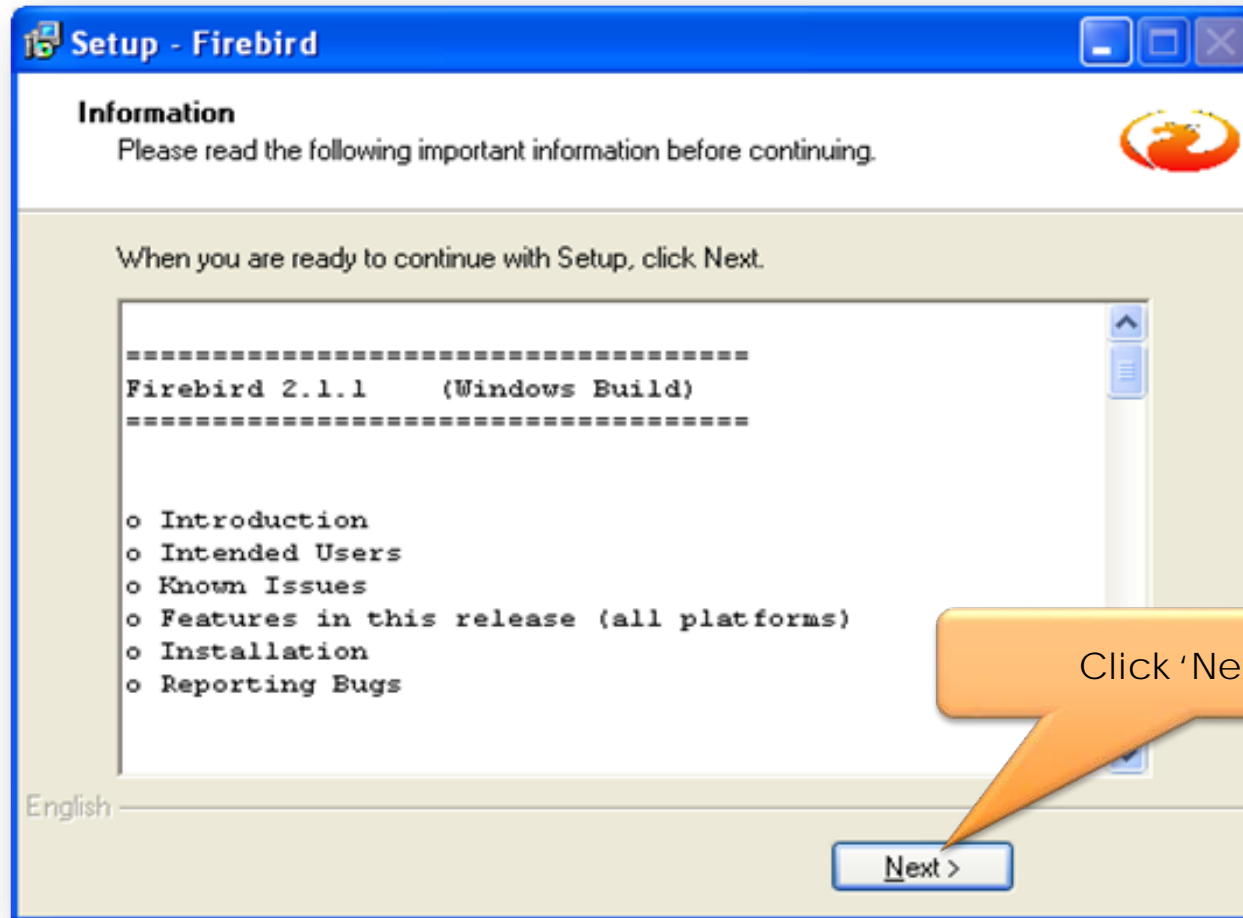
1. Uncheck this option, if you're installing on Windows Vista or Windows 7

2. Click 'Next' button





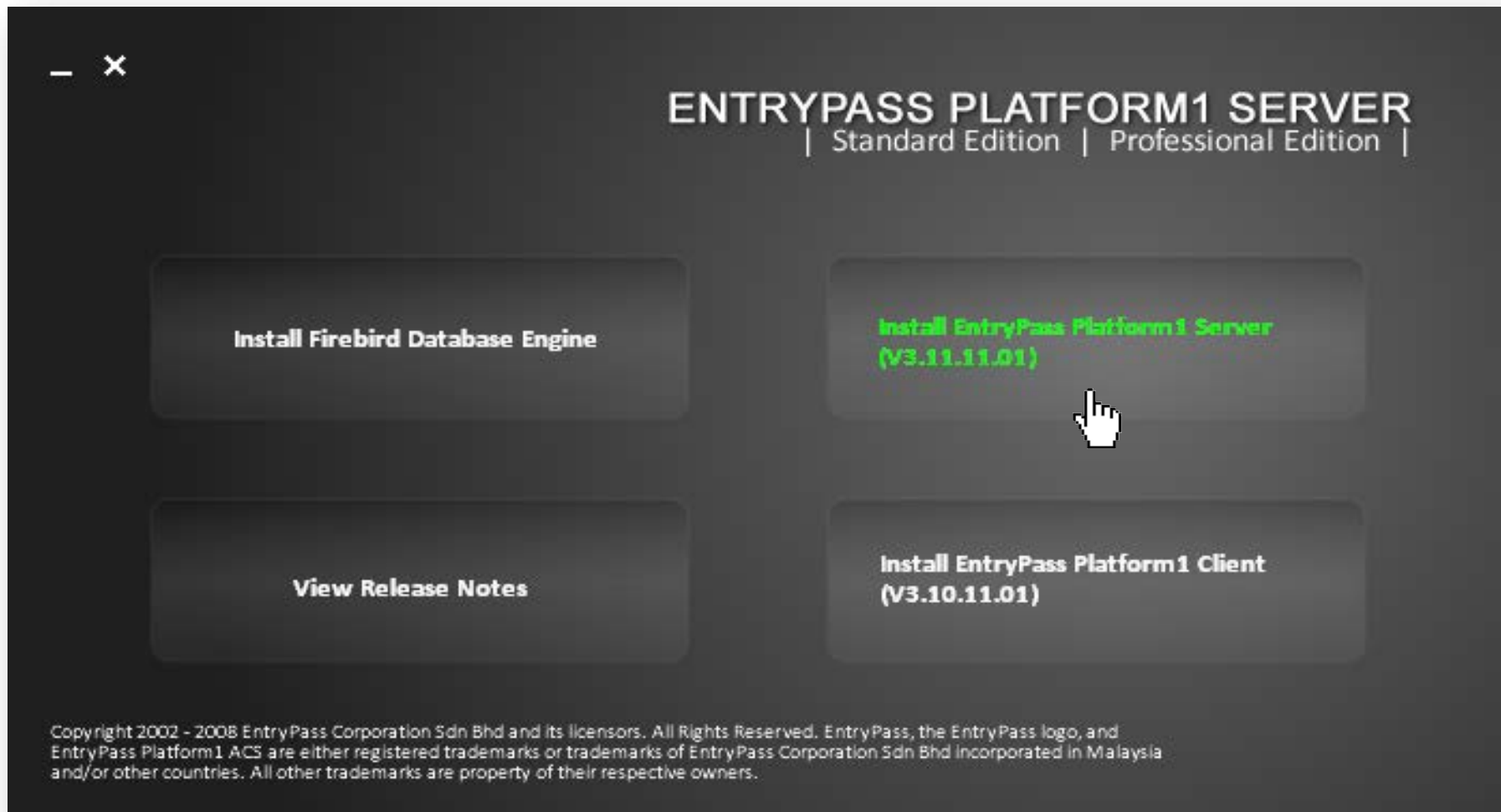






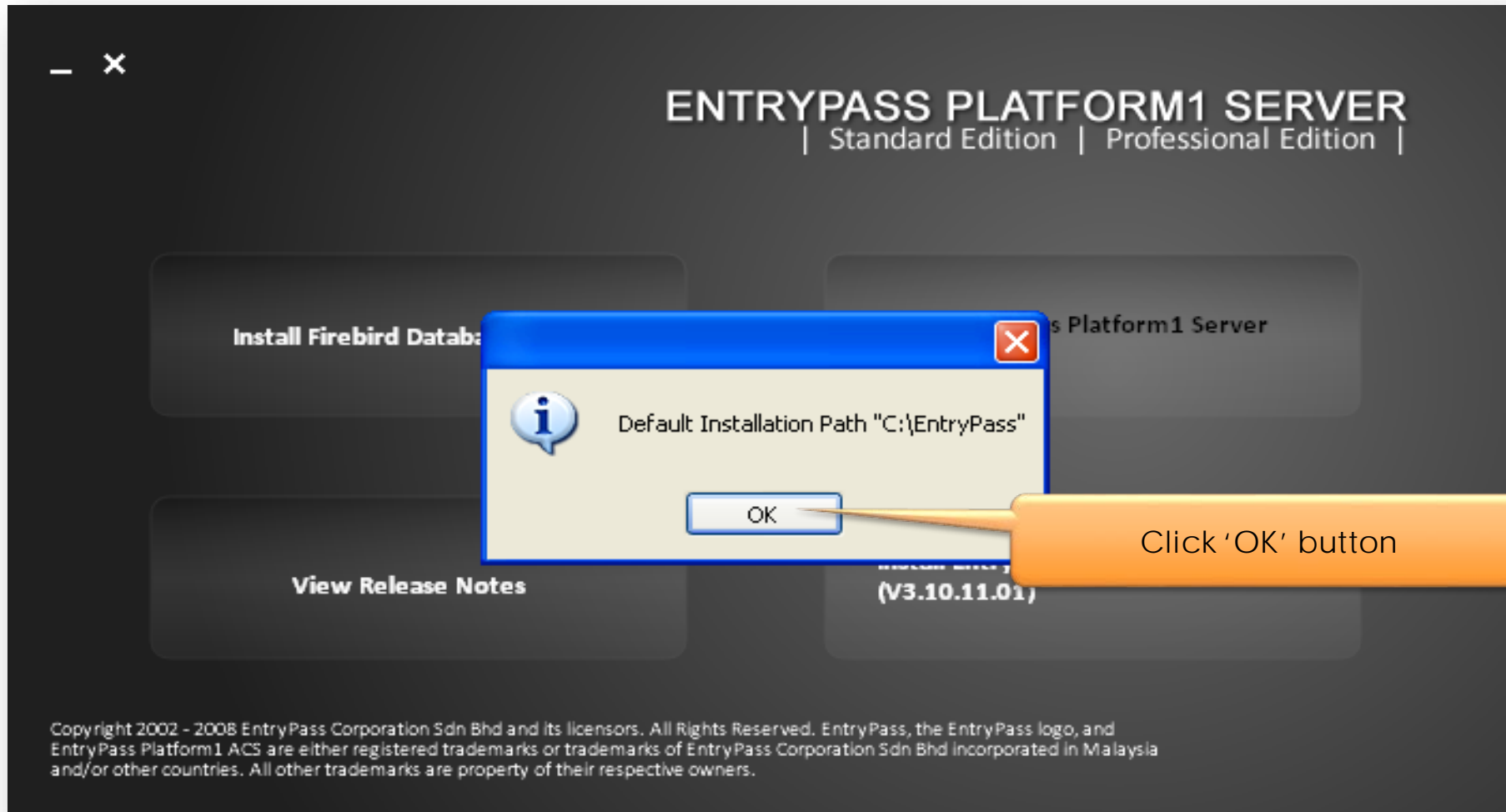


# Platform1 Server Setup



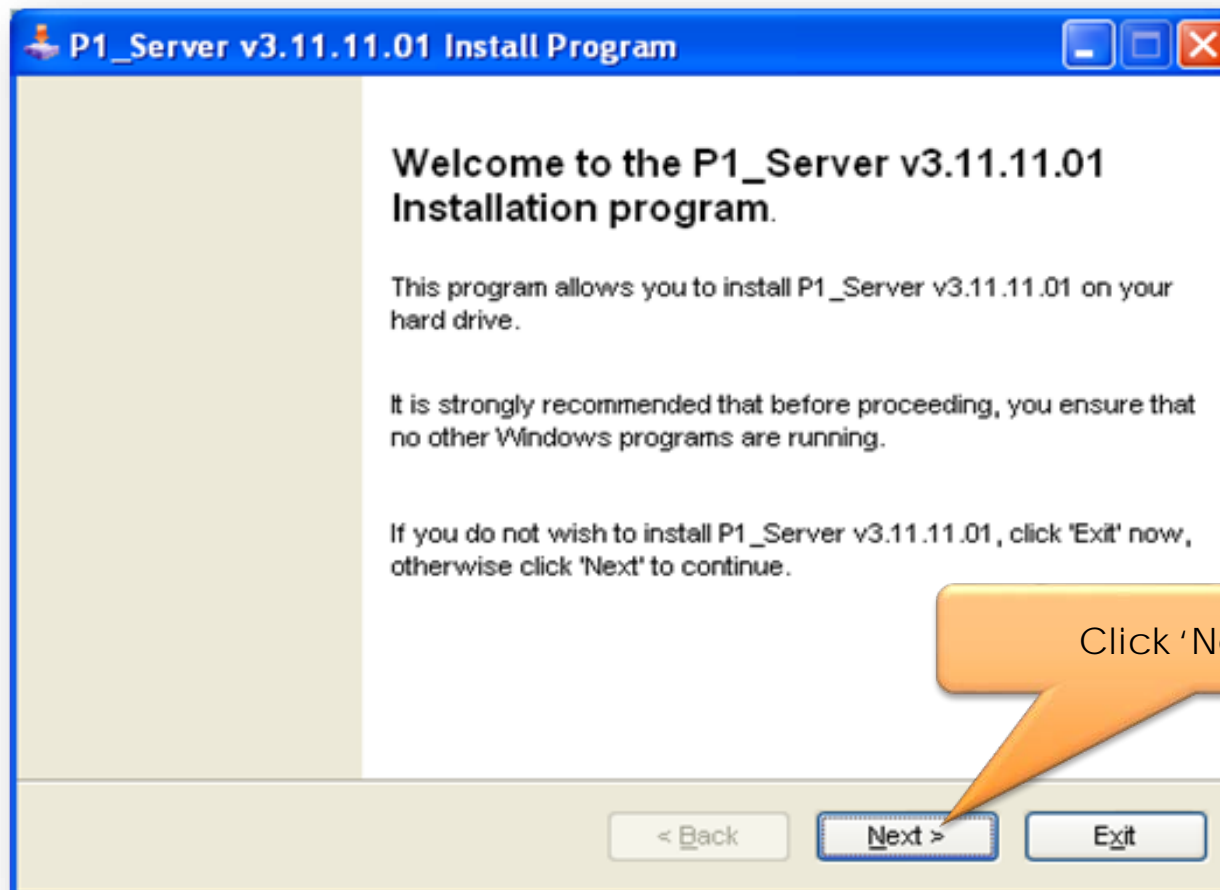
**Notes:** Click 'Install EntryPass Platform1 Server' button to install Platform1 Server.

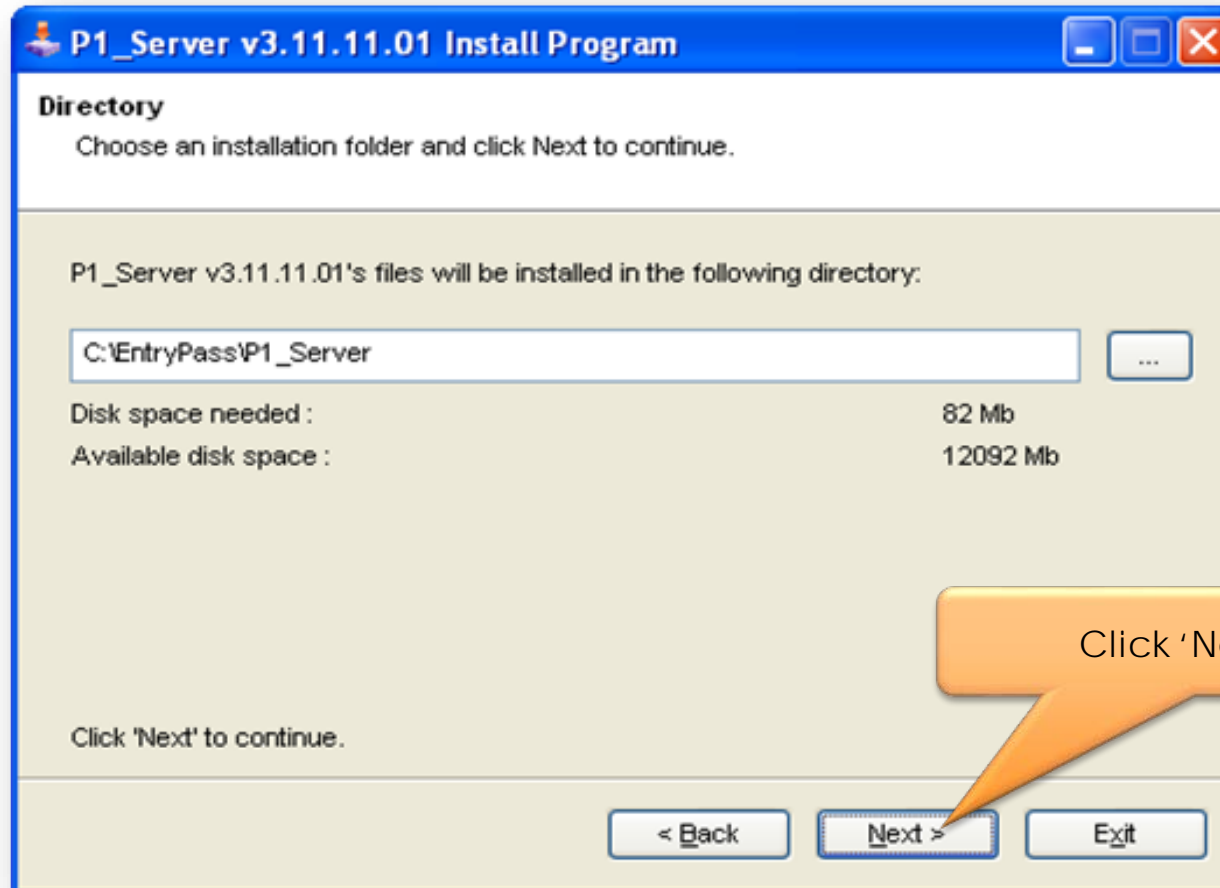


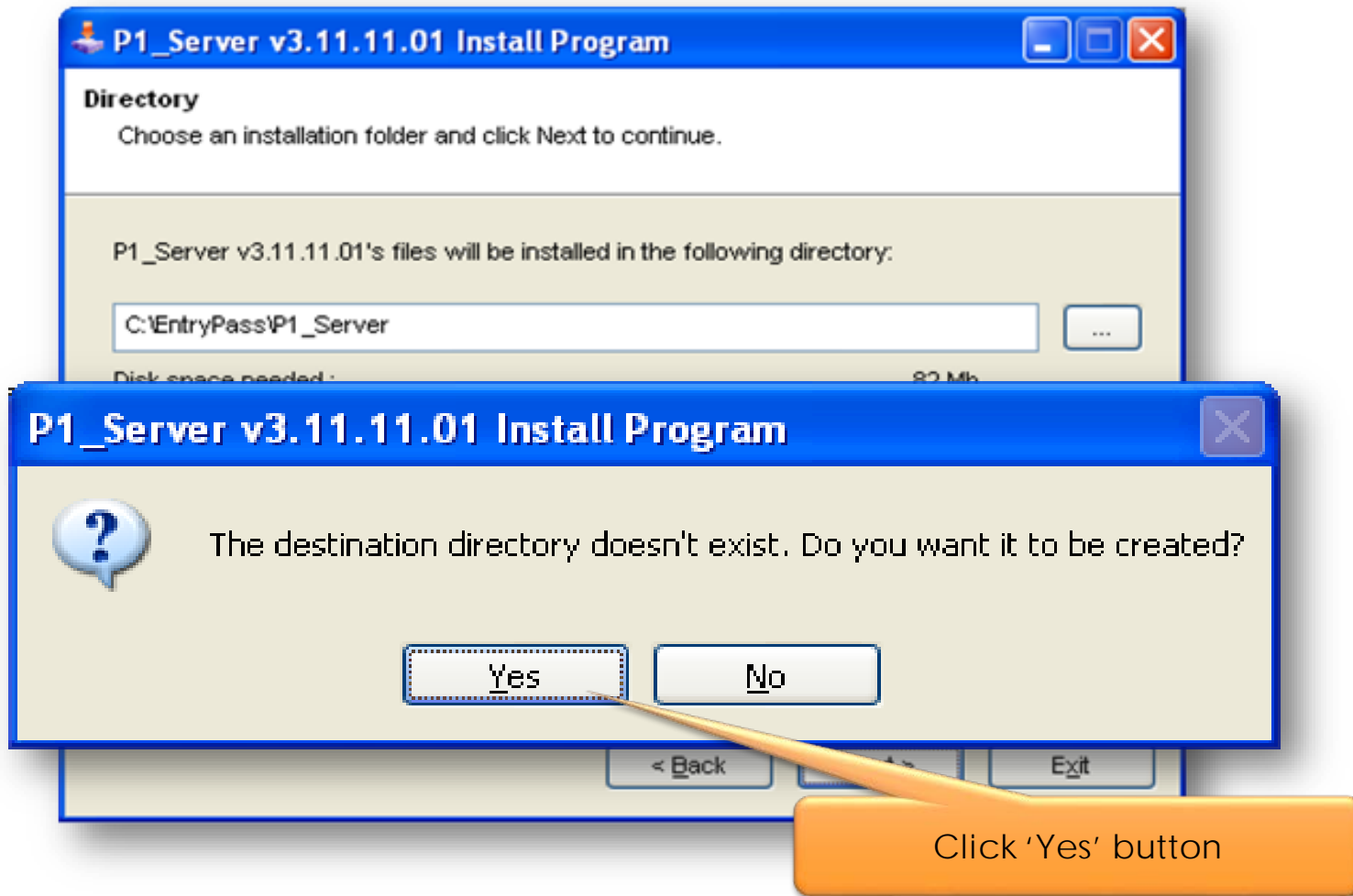


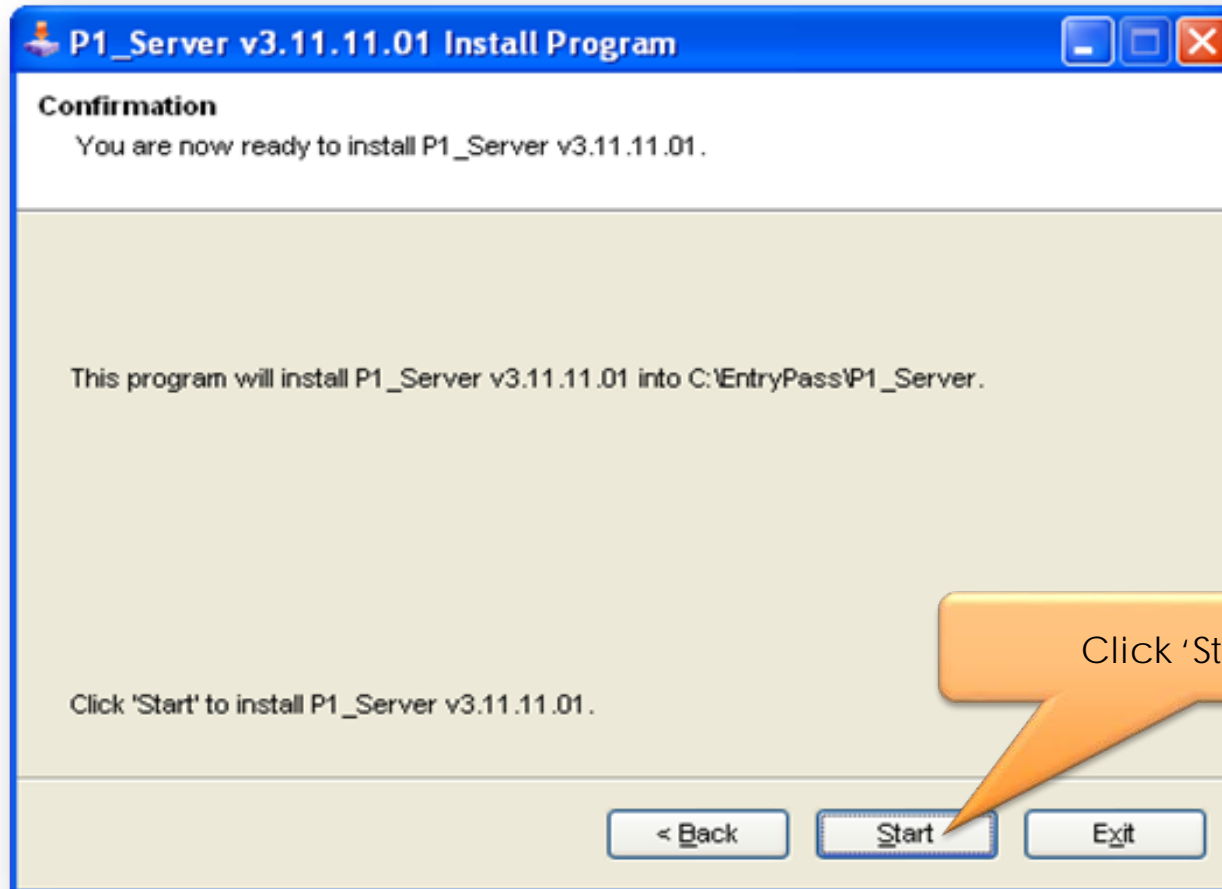
**Notes:** This message is to remind you that the default installation path of Platform1 Server.

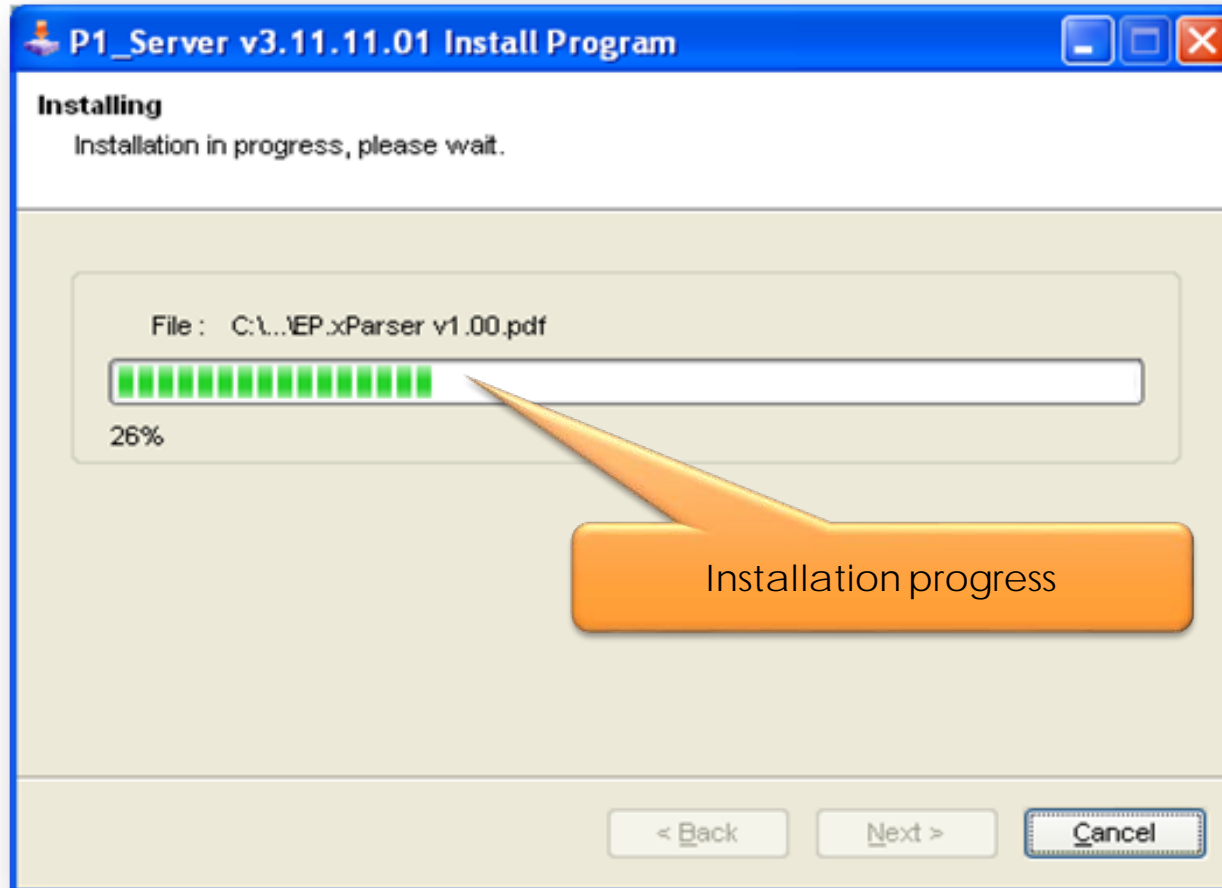


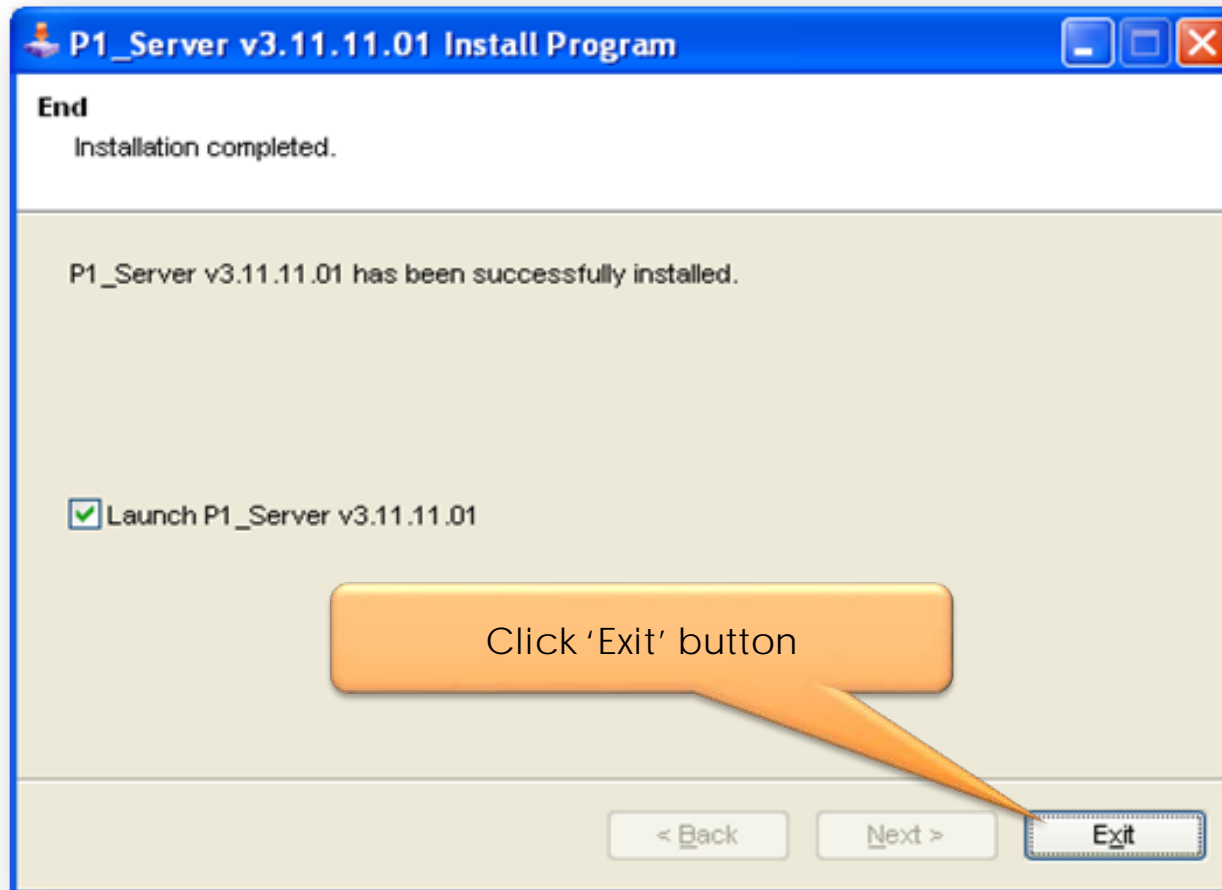












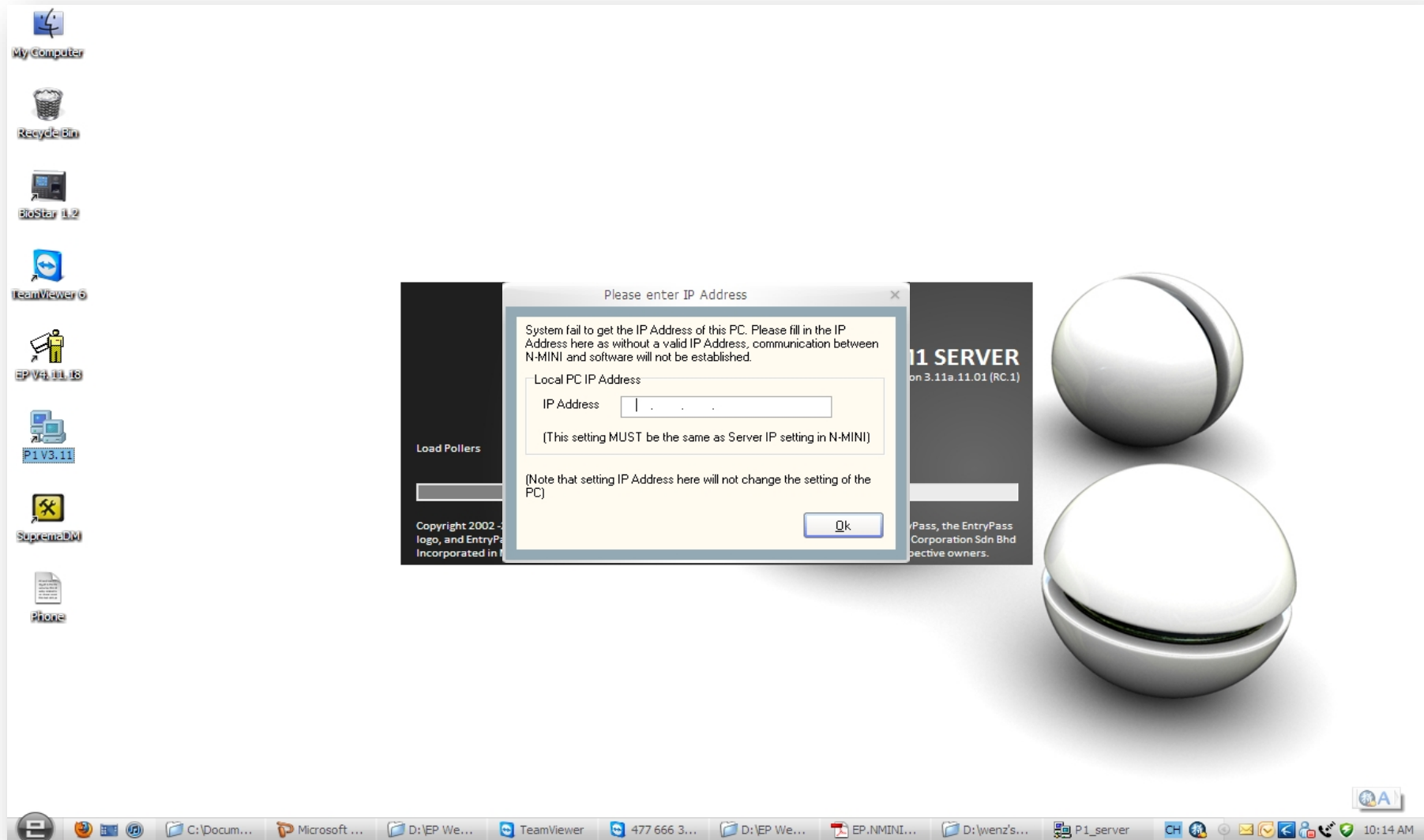




# Active Network Based Hardware Setup Steps







**Notes:** This pop up Windows will only appear if P1 Server cannot detect the host machine IP address. Please key-in 'Server IP Address' respectively.



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

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

NOTIFICATION ALARM

System Company Lift Time Attendance Guard Tour Utilities CCTV

Batch Card Import Staff Export Staff Export Transaction Send/Retrieve Backup Restore Report Password Diagnostic Client Status

Batch Card Import Staff Export Staff Export Transaction Send/Retrieve Backup Restore Report Password Diagnostic Client Status

**New Controller Found**

List of new controllers found

Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model
192.168.1.100	255.255.255.0	0.0.0.0	88-97-DF-01-23-F0	2020	N5200 [64Mb]

New controller found: 1

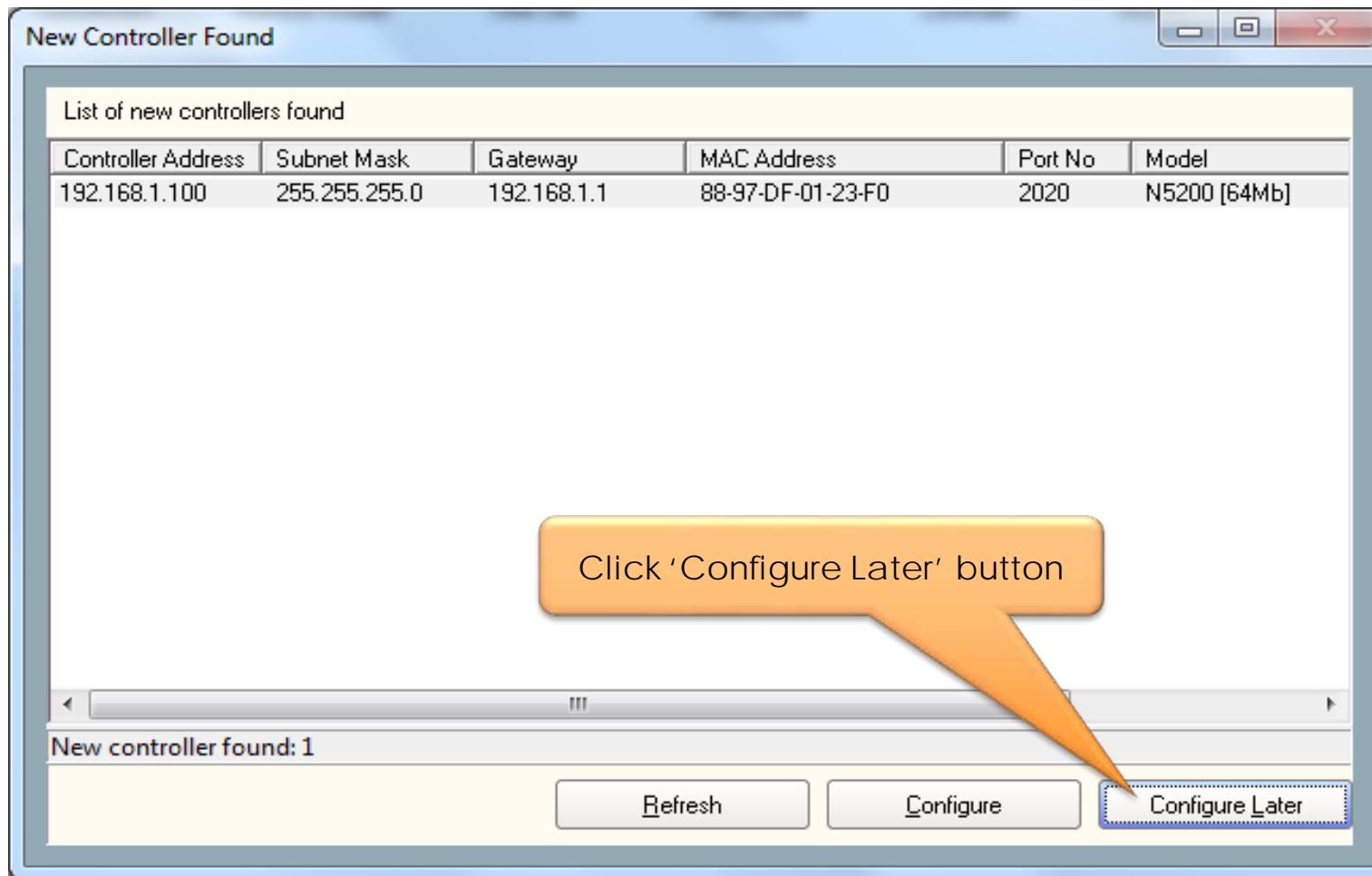
Refresh Configure Configure Later

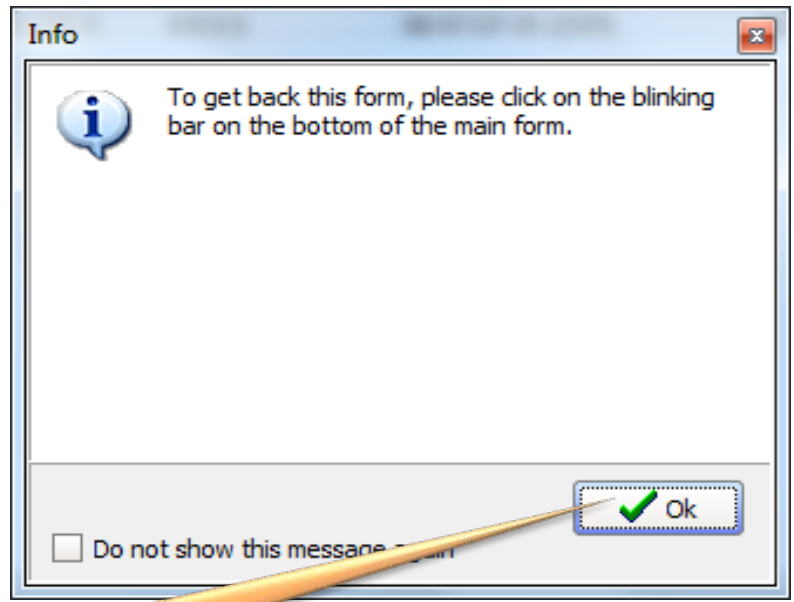
Show New Controller Found

Host Name: Tan-PC IP Address: 192.168.1.254 System User: EntryPass Date/Time: Thu, 14 Apr 2016 16:54:54

**Notes:** If the controller network parameter configured correctly, the 'New Controller Found' wizard will auto pop up on the screen.

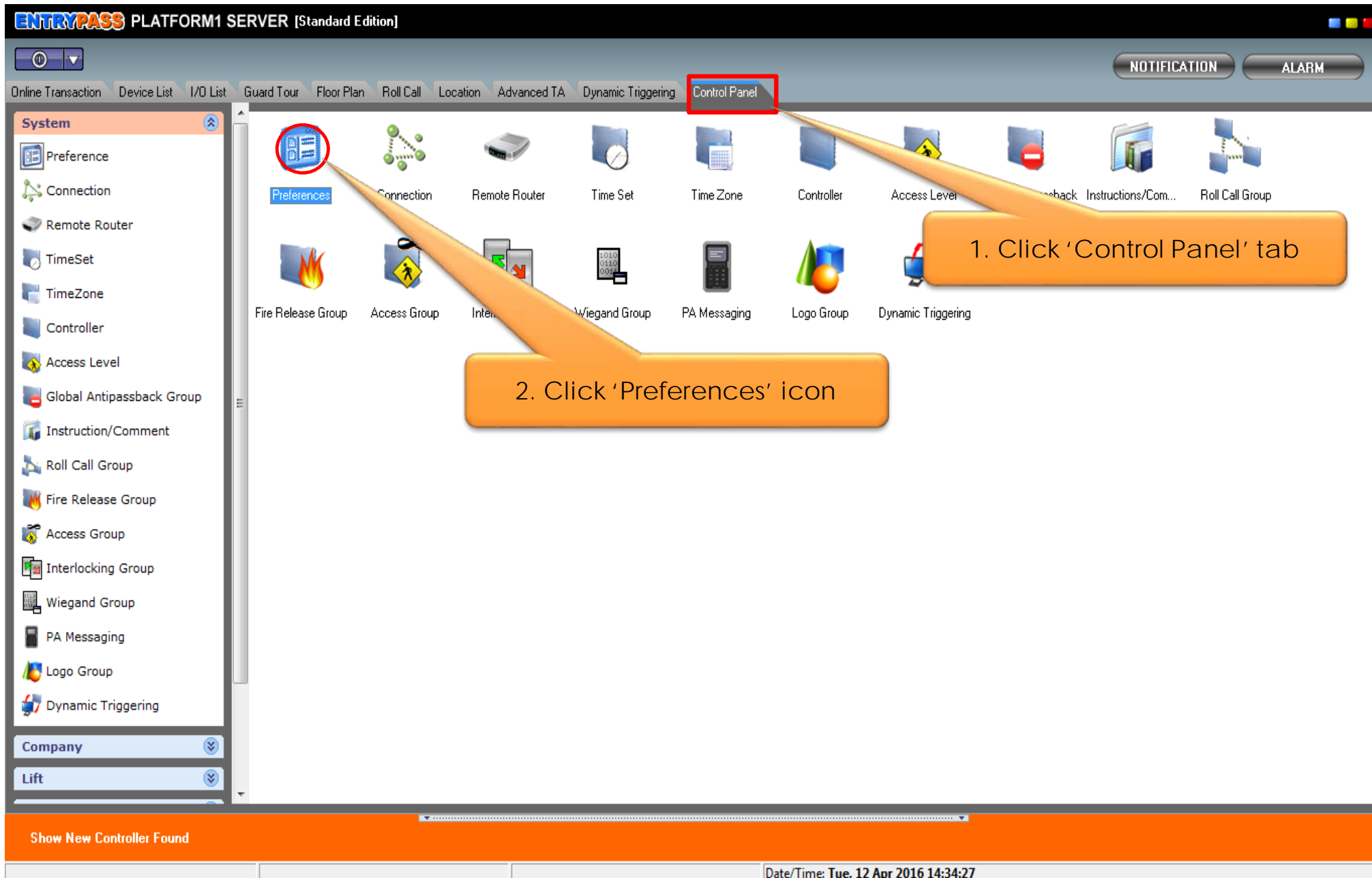




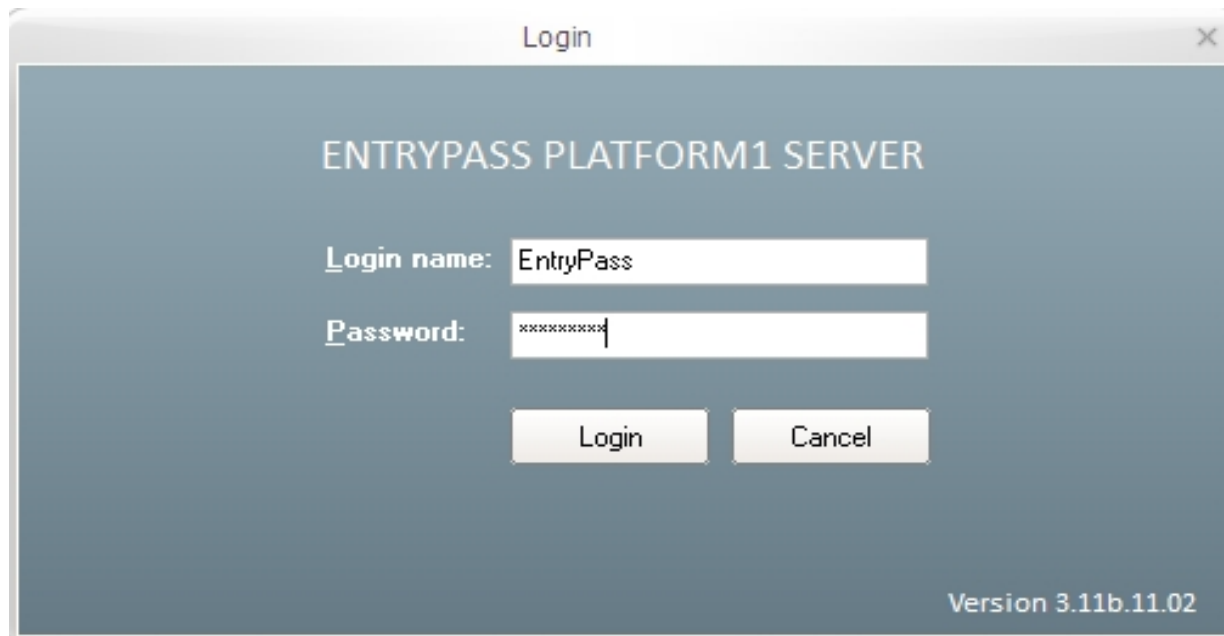


Click 'OK' button





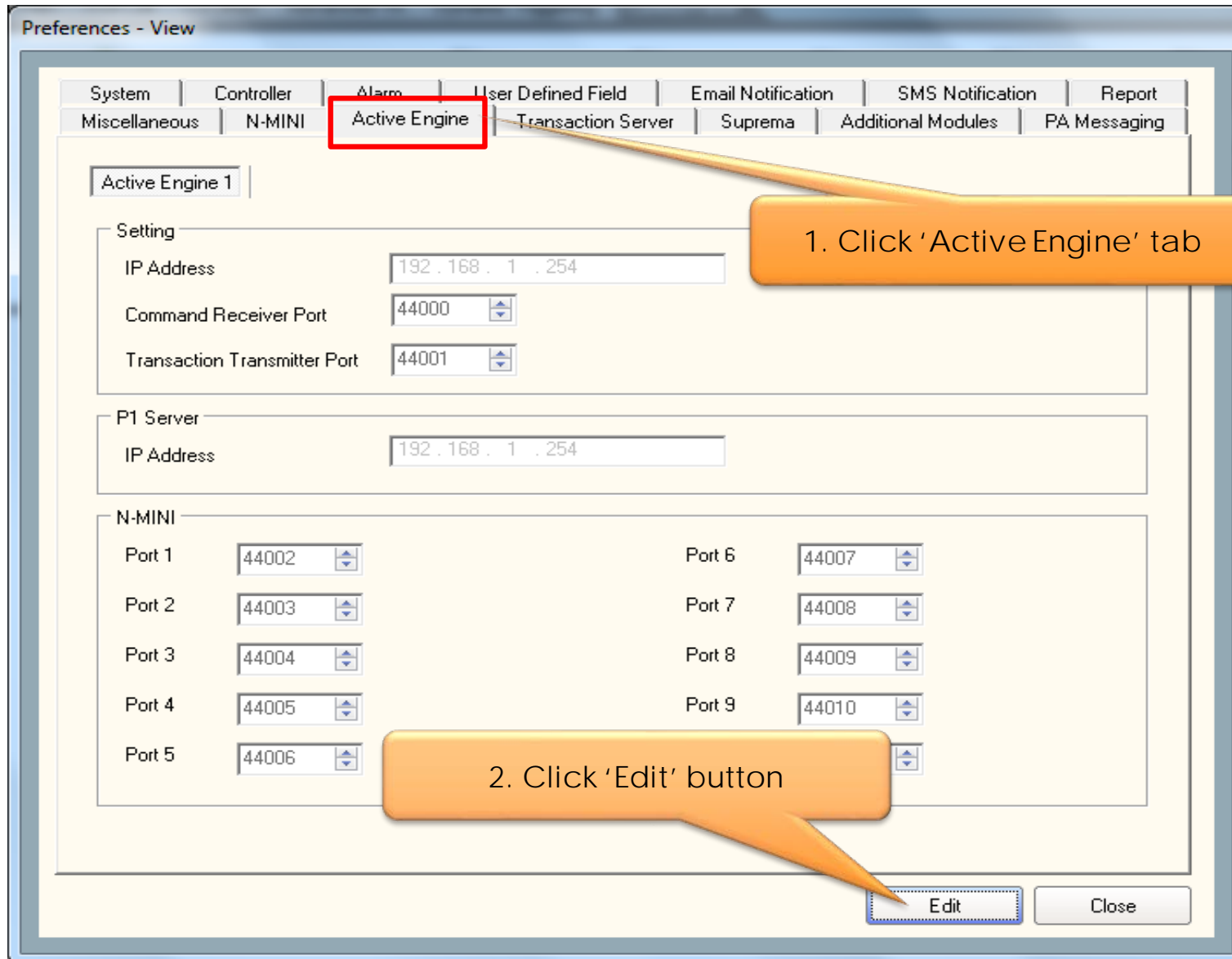


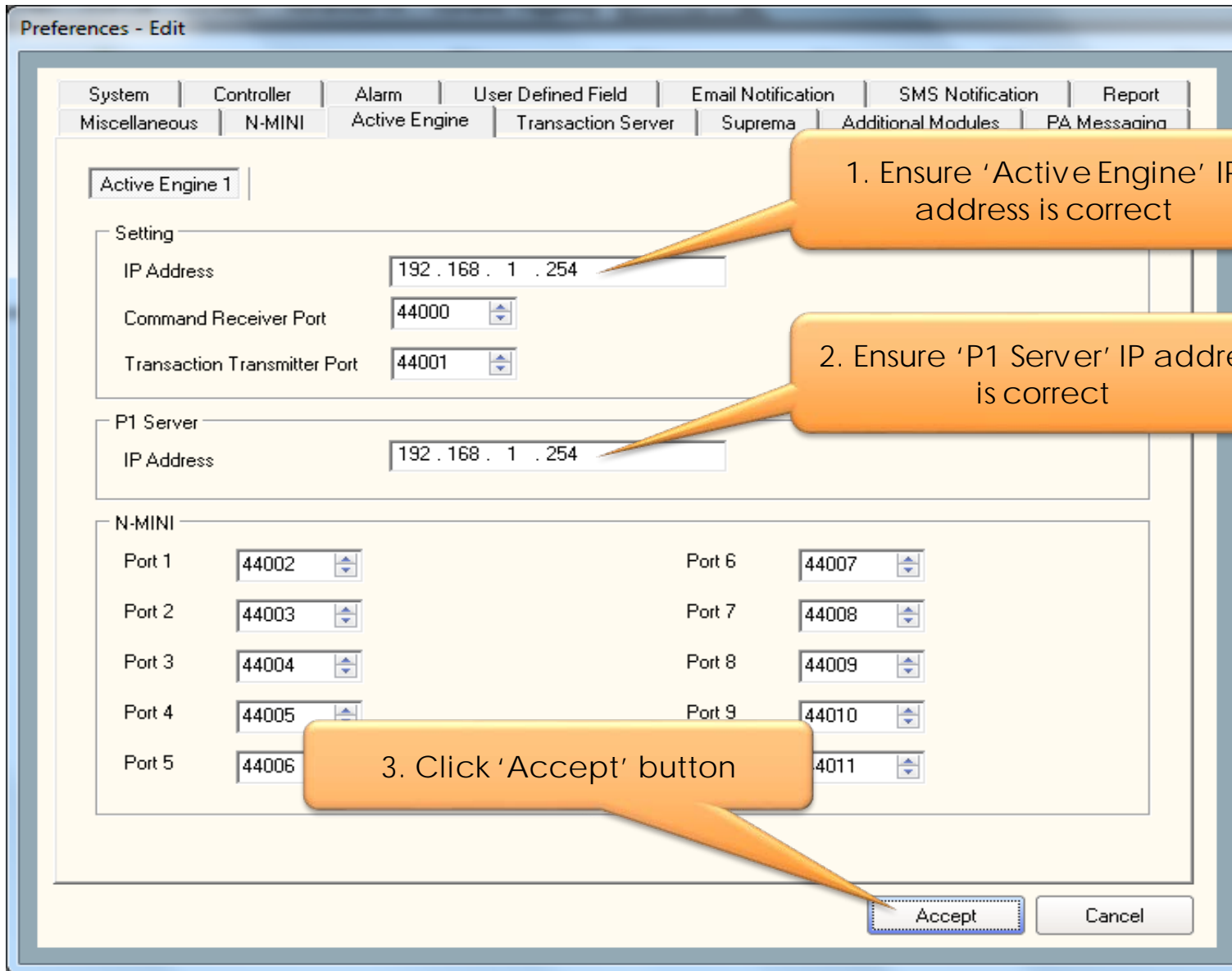


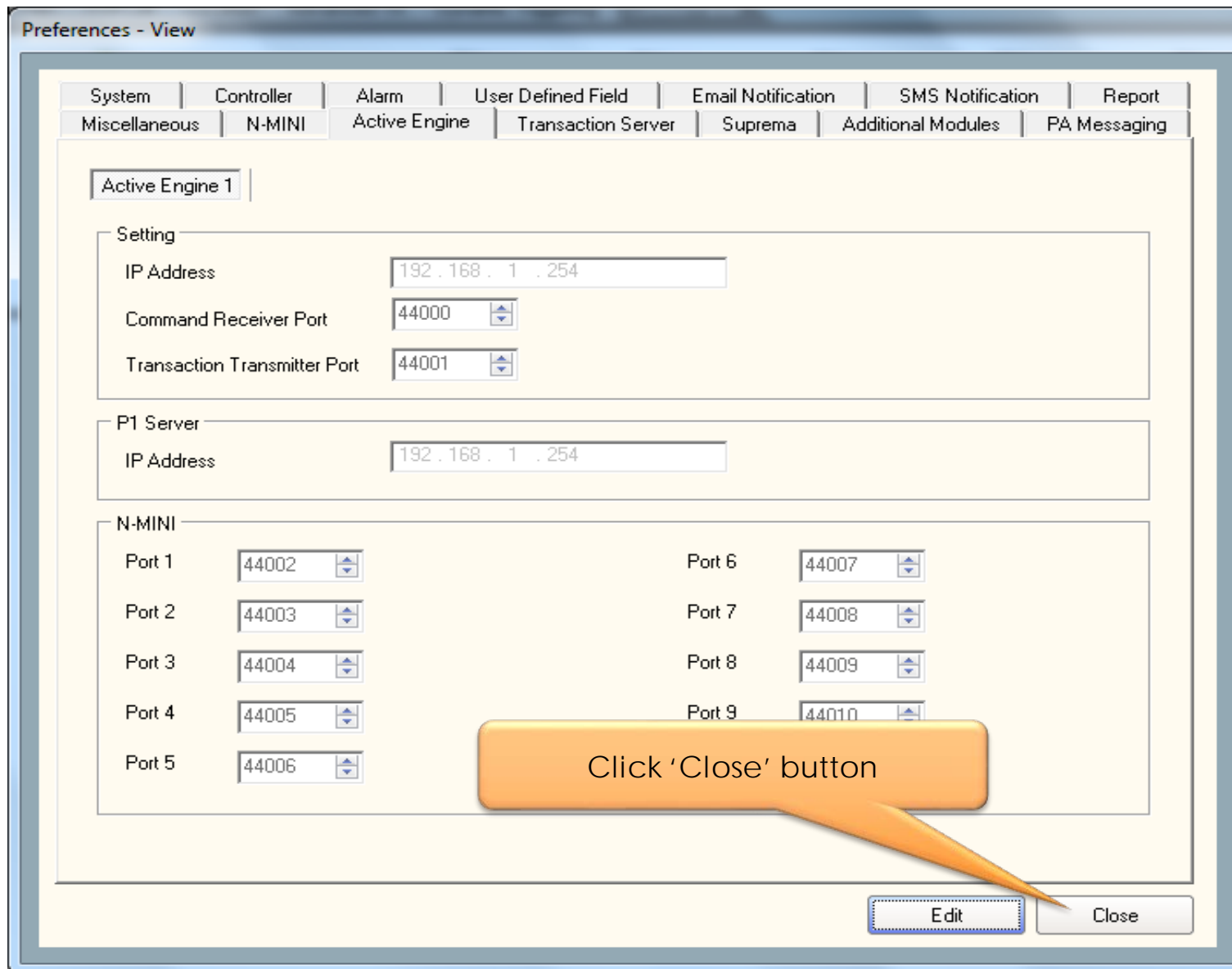
**Default:**

Login name : EntryPass  
Password : EntryPass









ENTRYPASS PLATFORM1 SERVER [Standard Edition]

NOTIFICATION ALARM

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

**System**

- Preference
- Connection
- Remote Router
- TimeSet
- TimeZone
- Controller
- Access Level
- Global Antipassback Group
- Instruction/Comment
- Roll Call Group
- Fire Release Group
- Access Group
- Interlocking Group
- Wiegand Group
- PA Messaging
- Logo Group
- Dynamic Triggering

Preferences Connection Remote Router Time Set Time Zone Controller Access Level Global Antipassback Group Instructions/Com... Roll Call Group

Fire Release Group Access Group Interlock Group Wiegand Group PA Messaging Logo Group Dynamic Triggering

Show New Controller Found

Host Name: Tan-PC IP Address: 192.168.1.254 System User: EntryPass Date/Time: Tue, 12 Apr 2016 17:31:47

Ensure P1 Server IP address showing here is correct

**Notes:** If you get the different IP Address showing on P1 Server status bar, please disable the wireless connection(if any), and then restart P1 Server.



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

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

System

- Preference
- Connection
- Remote Router
- TimeSet
- TimeZone
- Controller
- Access Level
- Global Antipassback
- Instruction/Comm
- Roll Call Group
- Fire Release Group
- Access Group
- Interlocking Group
- Wiegand Group
- PA Messaging
- Logo Group
- Dynamic Trigger

Company  
Lift

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: Entrypass | Date/Time: Tue, 12 Apr 2016 17:37:28

NOTIFICATION ALARM

Preferences

Fire Release Group

New Controller Found

Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model
192.168.1.100	255.255.255.0	0.0.0.0	88-97-DF-01-23-F0	2020	N5200 [64Mb]

New controller found: 1

Refresh Configure Configure Later

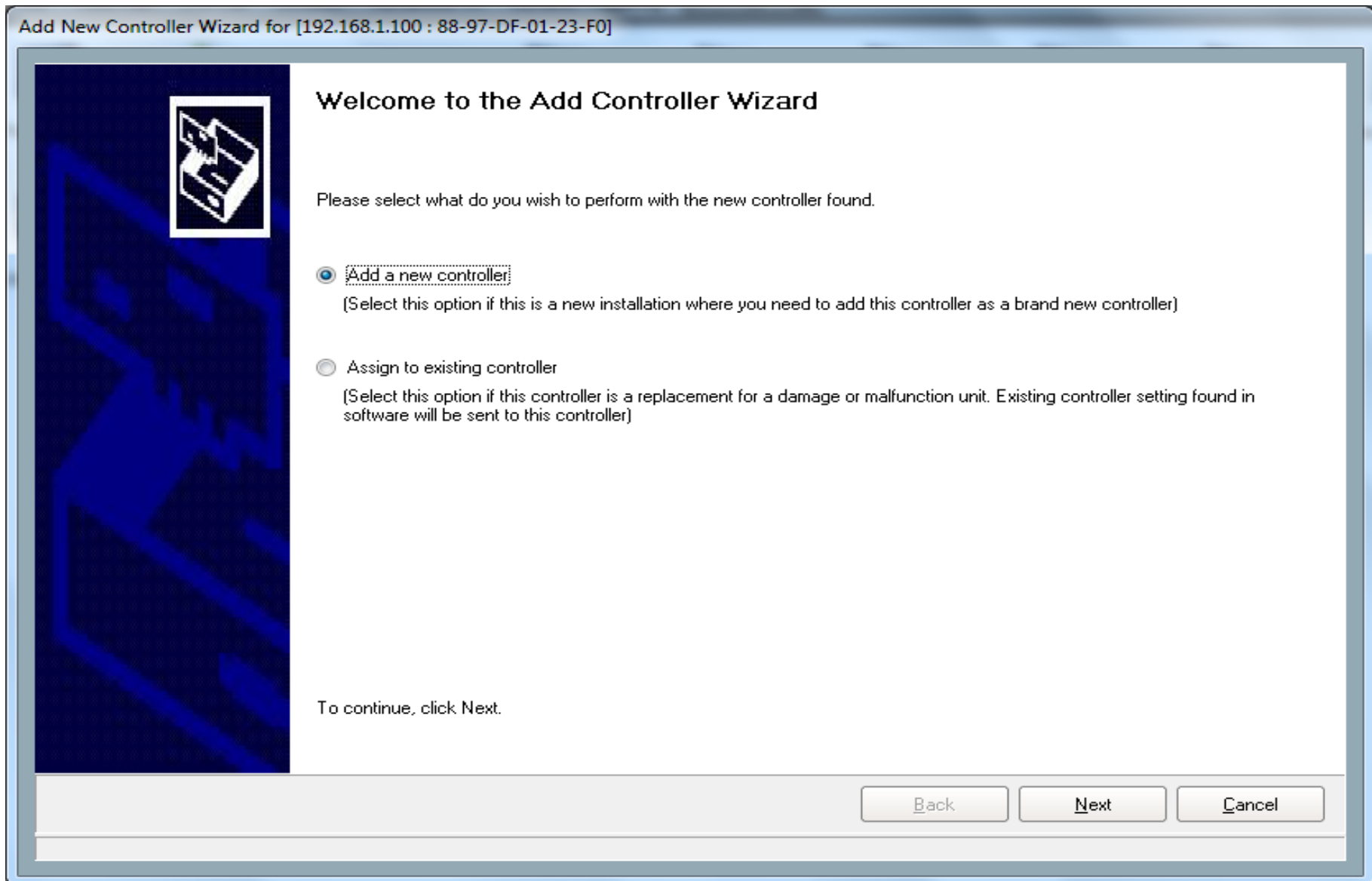
1. Click 'Show New Controller Found' button

2. Select controller from the list

3. Click 'Configure' button

**Notes:** If there are more than one **Hardware** in the network, those **Hardware** will showing on the windows. Please choose one **Hardware** at a time to configure. Kindly refer [Appendix C](#) if no available **Hardware** display on 'New Controller Found' Windows.





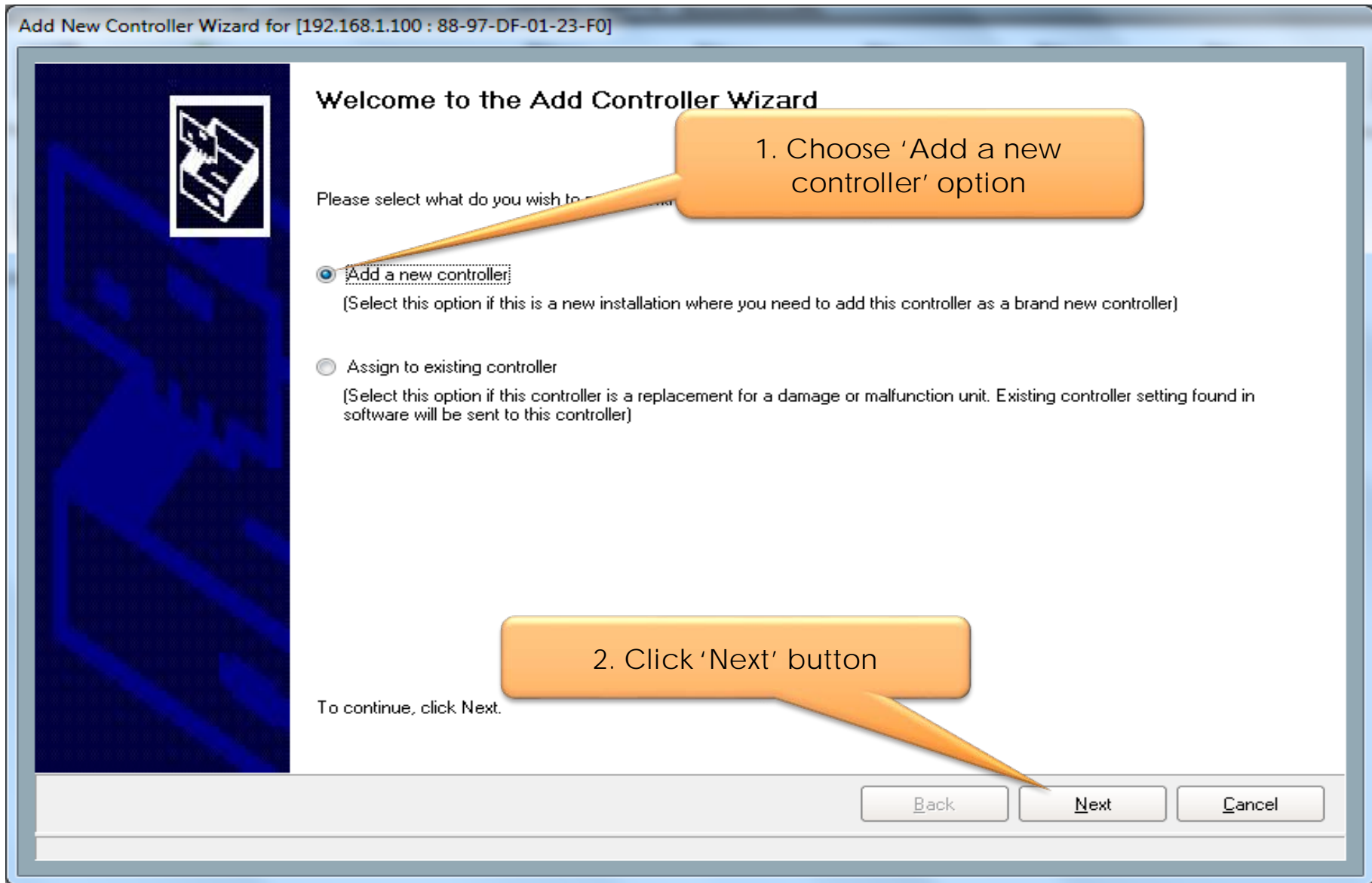
**Notes:** For new installation, please select 'Add new controller' option. For replacement installation, please select 'Assign to existing controller' option.



# Adding New Hardware







Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]

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

**General Setting**

Controller Name \*  Description

Door Name \*  Description

**Profile**

Description  In and Out Reader

**Reader Setting**

Reader 1 Name \*  Description

Reader 2 Name \*  Description

**Advanced Setting**

Use AES Encryption

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

Back Next Cancel



Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]

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

**General Setting**

Controller Name *	Main Door	Description	Main Door
Door Name *	Main Door	Description	Main Door

**Profile**

Description: In and Out Reader

**Reader Setting**

Reader 1 Name *	Main Door In	Description	Main Door In
Reader 2 Name *	Main Door Out	Description	Main Door Out

**Advanced Setting**

Use AES Encryption

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

Back Next Cancel

1. Enter controller name, door name and description

2. Enter reader name and description

3. Click 'Next' button



Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]

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: 192 . 168 . 1 . 1

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 . 100

Port No.: 44002

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Field with

2. Click 'Next' button

Back Next Cancel

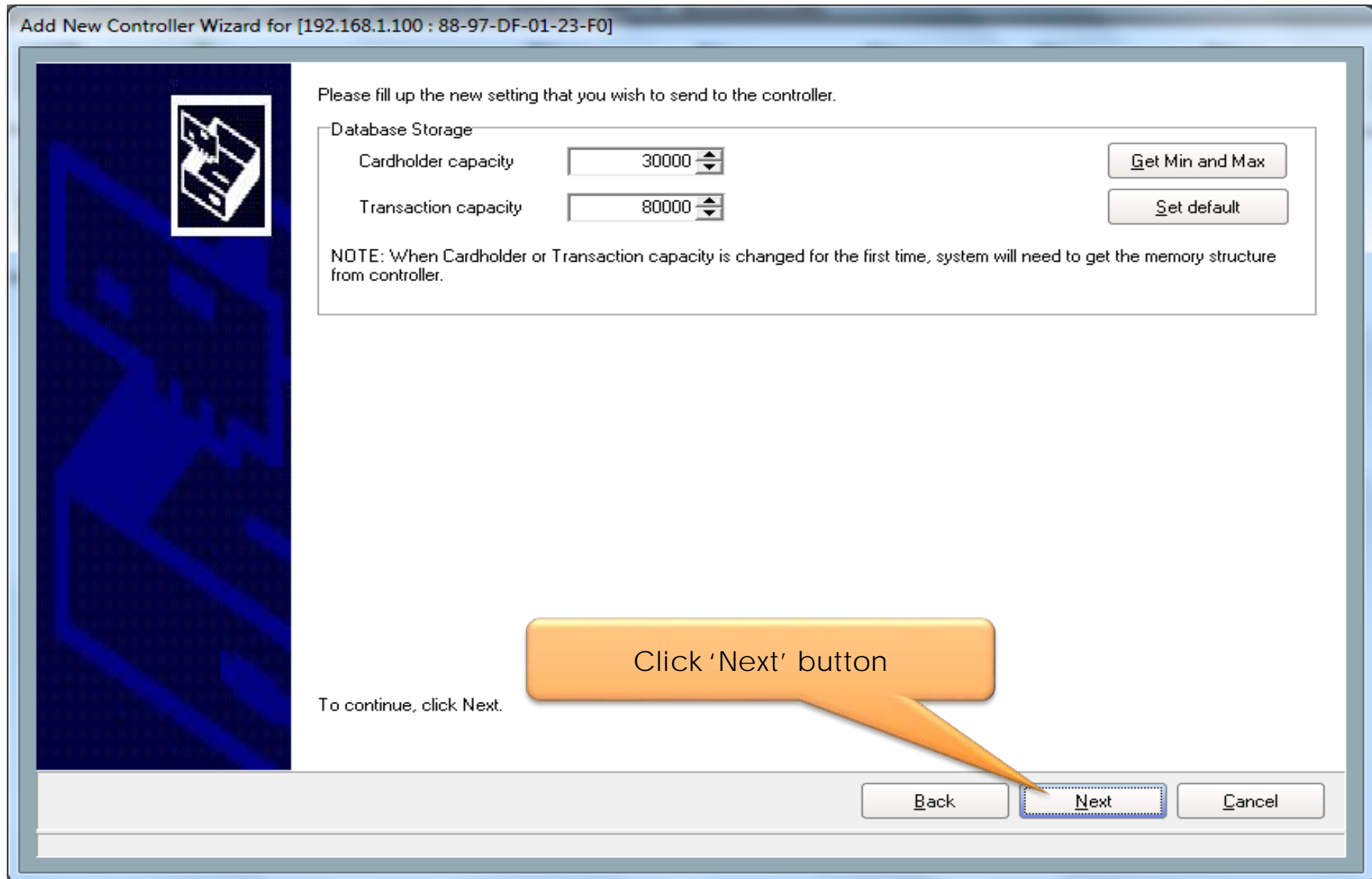
1. Ensure 'Current Controller Setting' for the following fields:

- Controller Address
- Subnet Mask
- Gateway

**Same as 'New Controller Setting'**

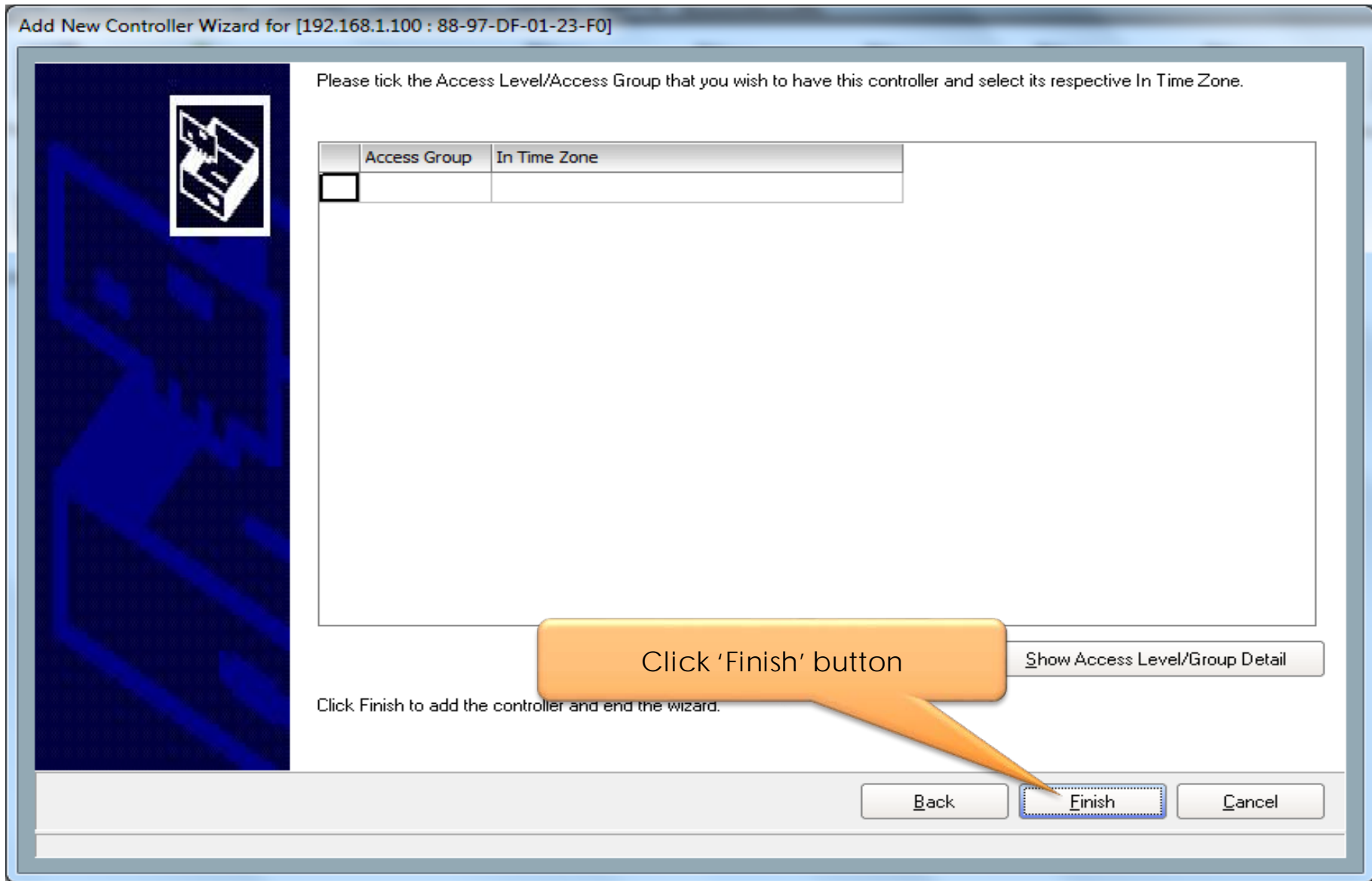
**Notes:** Please ensure that the **Gateway** setting for both 'Current Controller Setting' and 'New Controller Setting' are **same**. Please do not change the 'Port No'.

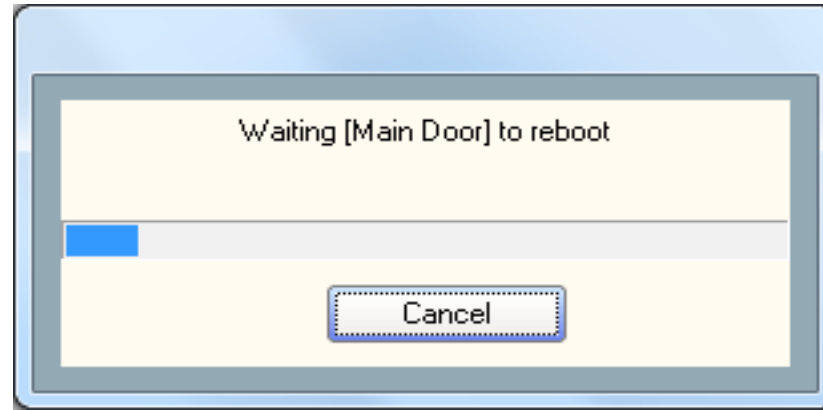




**Notes:** This setup screen only available for the following controllers model:  
S3200, S3400, N5200 and N5400







**Notes:** Please ensure that you getting the above message ('Waiting [Controller Name] to reboot') during sending process begin.  
If you're getting the 'Sending <Network Parameter>' message, please cancel the process, and then go to 'Preferences → Active Engine' to check your Active Engine and P1 Server IP address. (Please refer to page 54).



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction **Device List** ...

Click 'Device List' tab

NOTIFICATION ALARM

Docked

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Reader 1		Reader 2	
								Status	Mode	Status	Mode
Main Door	Main Door	Up	Main Door	Main Door	Door Closed	Disarm		No Tamper	No Tamper	No Tamper	No Tamper

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: EntryPass | Date/Time: Tue, 12 Apr 2016 14:53:55

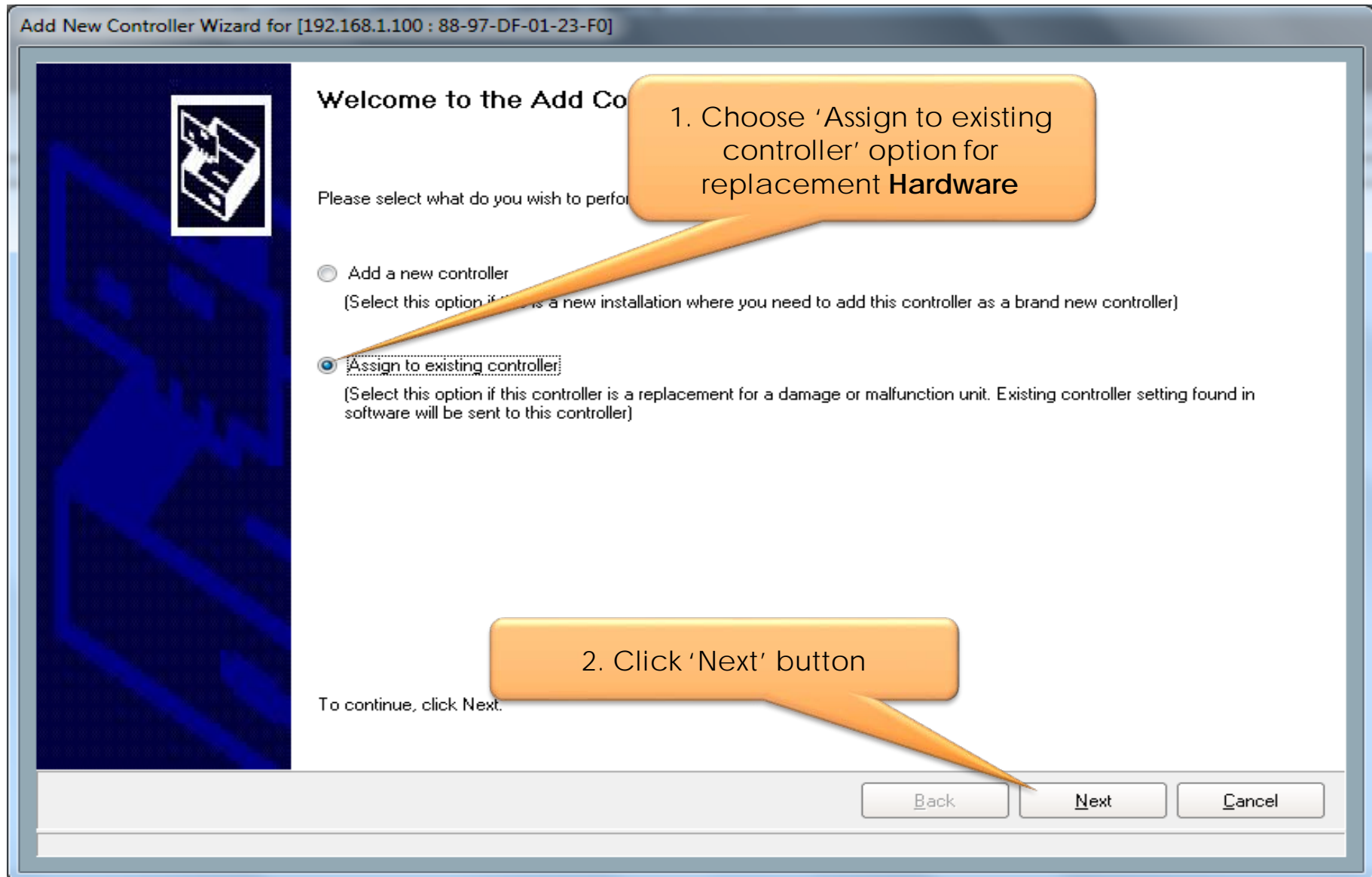
**Notes:** Please go to 'Device List' to check the **Hardware** status. Kindly refer [Appendix C](#) if the **Hardware** status is down.





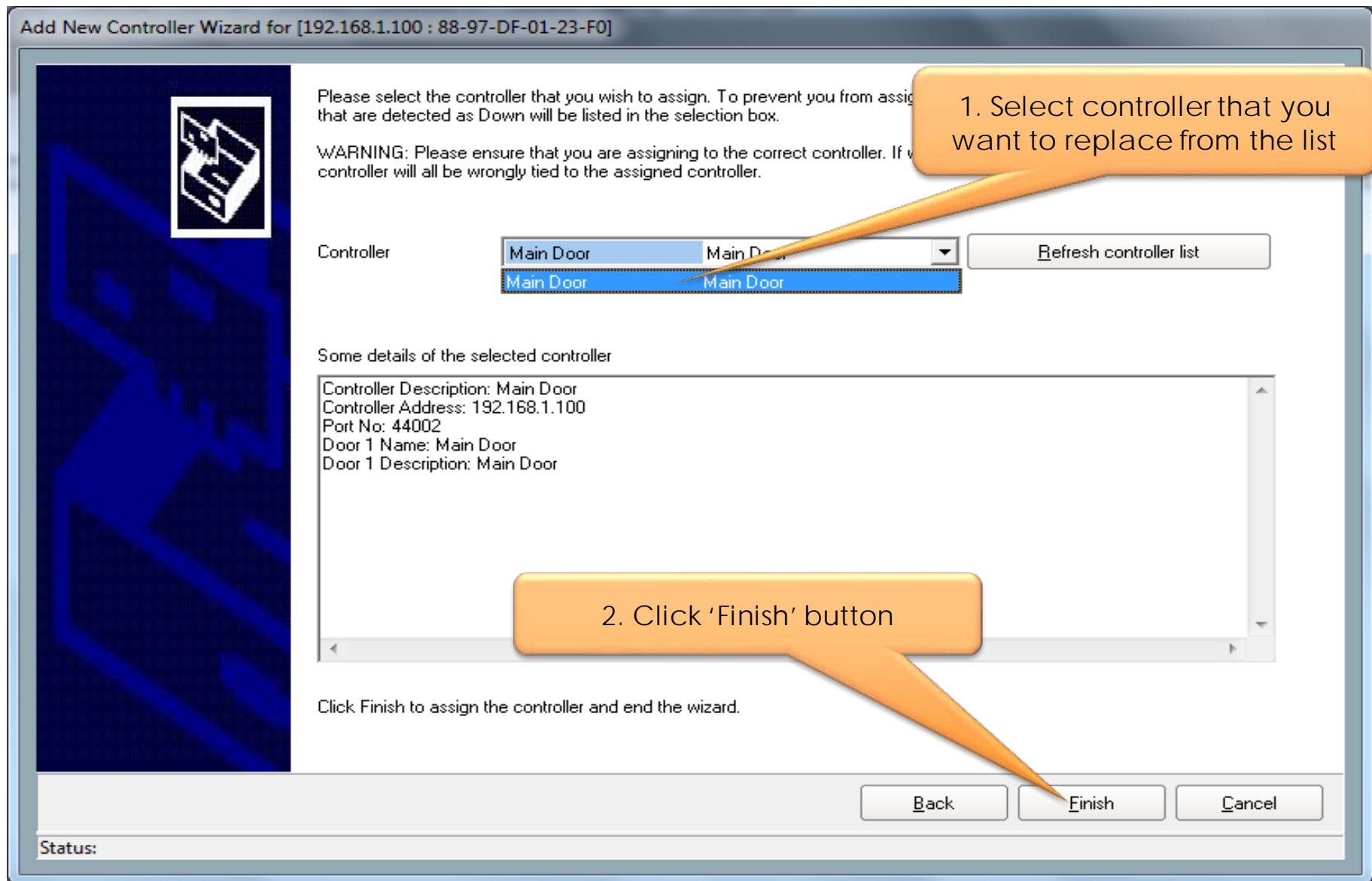
# Replacing Existing Hardware With New Hardware





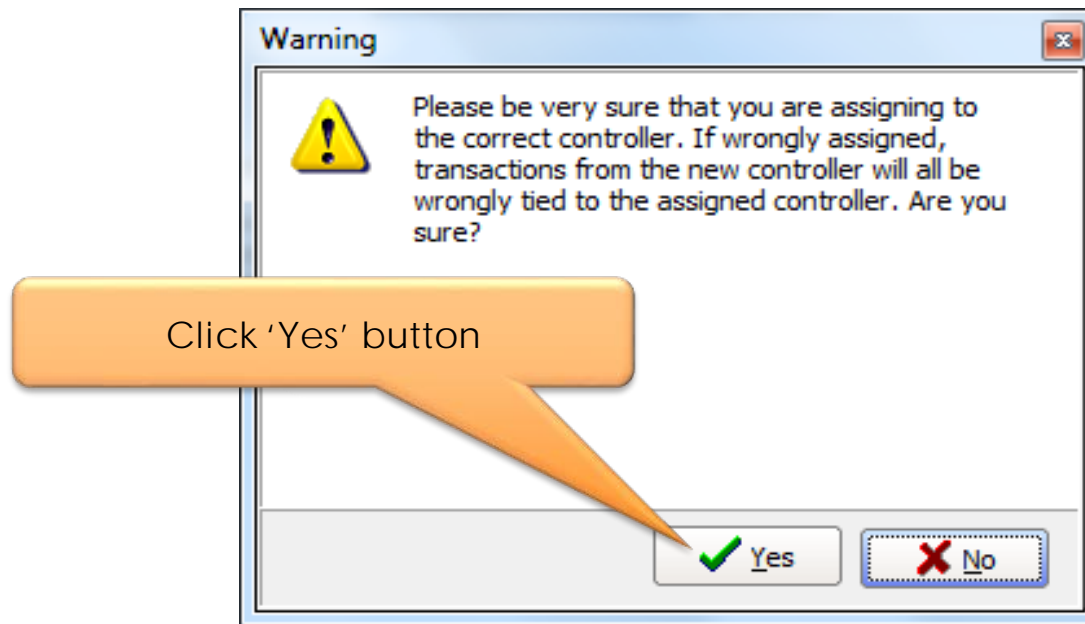
**Notes:** Please ensure that you replace the same **Hardware** model. Example: N5200 controller can only be replaced by another N5200 controller.

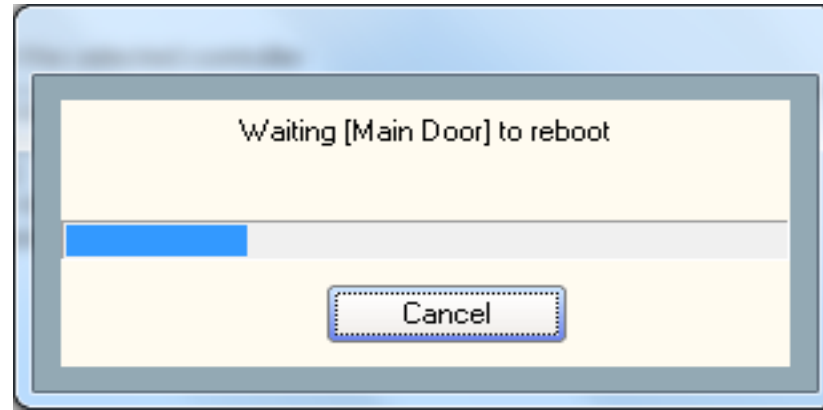




**Notes:** Only **Hardware** that declared as 'Down' status on P1 Server will show on the list.







**Notes:** Please ensure that you getting the above message ('Waiting [Controller Name] to reboot') during sending process begin.  
If you getting the 'Sending <Network Parameter>' message, please cancel the process, and then go to 'Preferences → Active Engine' to check your Active Engine and P1 Server IP address. (Please refer to page 54).



**ENTRYPASS PLATFORM1 SERVER [Standard Edition]**

Online Transaction Device List I/O List Triggering Control Panel

NOTIFICATION ALARM

Click 'Online Transaction' tab

Docked

Date	Time	Controller	Door	Staff No.	Name	Card No.	Transaction
2016/04/13	10:25:53	Back Door					(Ba) Controller reset
2016/04/13	10:25:49	Back Door					(Ht) Board Reset (Setting Changed)
2016/04/13	10:24:12	Back Door					(Ba) Controller reset
2016/04/13	10:24:08	Back Door					(Ht) Board Reset (Setting Changed)
2016/04/13	10:23:48	Back Door					(SL) Controller Up
2016/04/13	10:11:55	Back Door					(Ba) Controller reset
2016/04/13	10:11:51	Back Door					(Ht) Board Reset (Setting Changed)
2016/04/13	10:10:34				EntryPass		(SG) Server Log In
2016/04/13	09:58:11	Main Door					(Ba) Controller reset
2016/04/13	10:10:07	Main Door					(SL) Controller Up
2016/04/13	09:58:11	Main Door					(Ba) Controller reset
2016/04/13	10:10:06						(SI) Platform1 Server Start Up

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: Entrypass | Date/Time: Wed, 13 Apr 2016 10:26:54



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction **Device List** Click 'Device List' tab

NOTIFICATION ALARM

Docked

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Reader 1		Reader 2	
								Status	Mode	Status	Mode
Main Door	Main Door	Up	Main Door	Main Door	Door Closed	Disarm		No Tamper	No Tamper	No Tamper	No Tamper

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: EntryPass | Date/Time: Tue, 12 Apr 2016 14:58:29

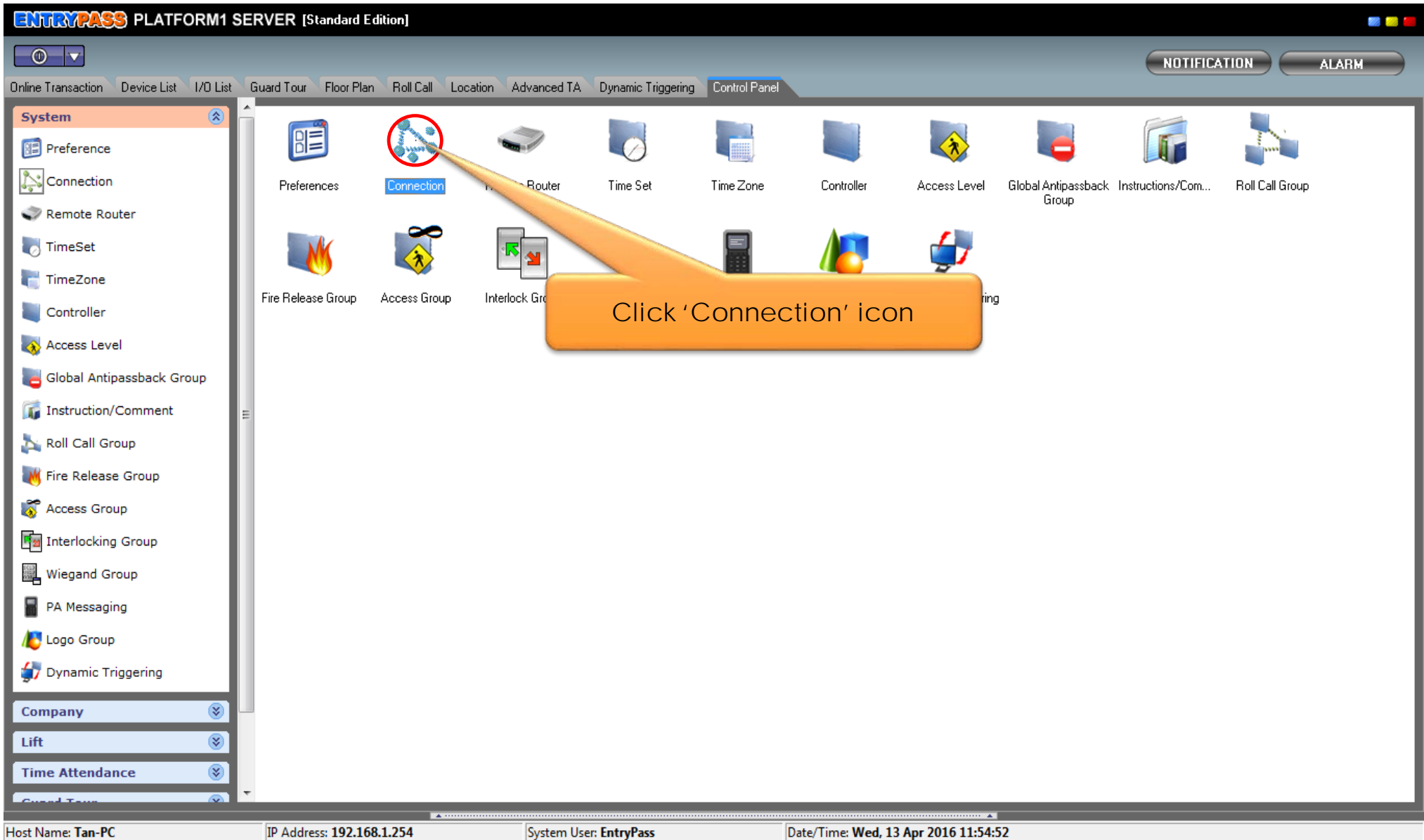
**Notes:** Please go to 'Device List' to check the **Hardware** status. Kindly refer [Appendix C](#) if the **Hardware** status is down.

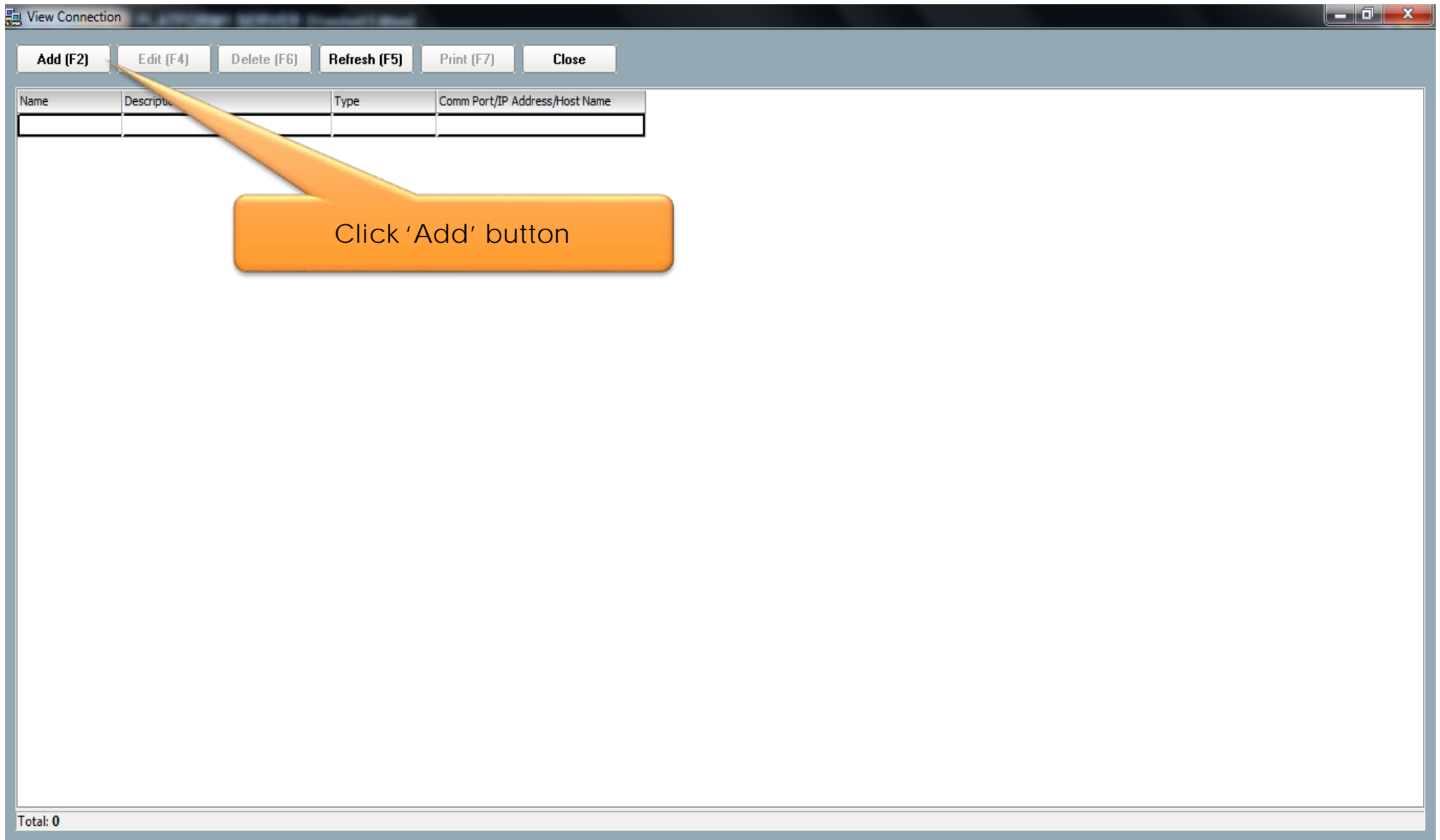


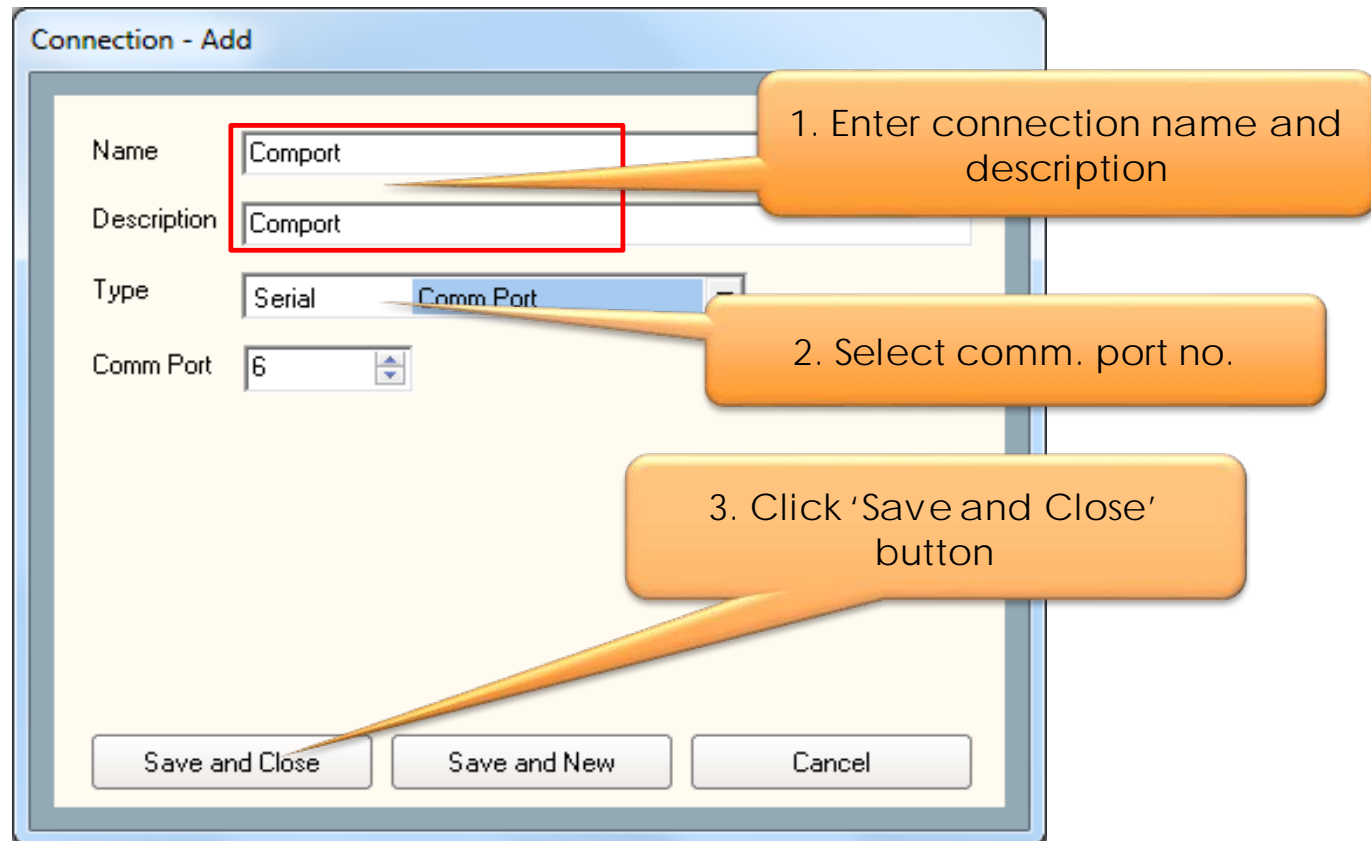
# Serial (RS232/RS485) Controller Setup Steps











**Notes:** Please refer to Windows Control Panel → 'System' icon → 'Hardware' tab, and then click 'Device Manager' button for communication port information (based on Windows XP).



The screenshot shows a software window titled "View Connection". At the top, there is a menu bar with several buttons: "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	Type	Comm Port/IP Address/Host Name
Comport	Comport	Serial	Comm 6

An orange callout box with a pointer directed at the "Close" button contains the text "Click 'Close' button". At the bottom left of the window, the text "Total: 1" is displayed.



**ENTRYPASS PLATFORM1 SERVER [Standard Edition]**

Online Transaction | Device List | I/O List | Guard Tour | Floor Plan | Roll Call | Location | Advanced TA | Dynamic Triggering | **Control Panel**

NOTIFICATION | ALARM

**System**

- Preference
- Connection
- Remote Router
- TimeSet
- TimeZone
- Controller**
- Access Level
- Global Antipassback Group
- Instruction/Comment
- Roll Call Group
- Fire Release Group
- Access Group
- Interlocking Group
- Wiegand Group
- PA Messaging
- Logo Group
- Dynamic Triggering

Company | Lift | Time Attendance | Guard Tour

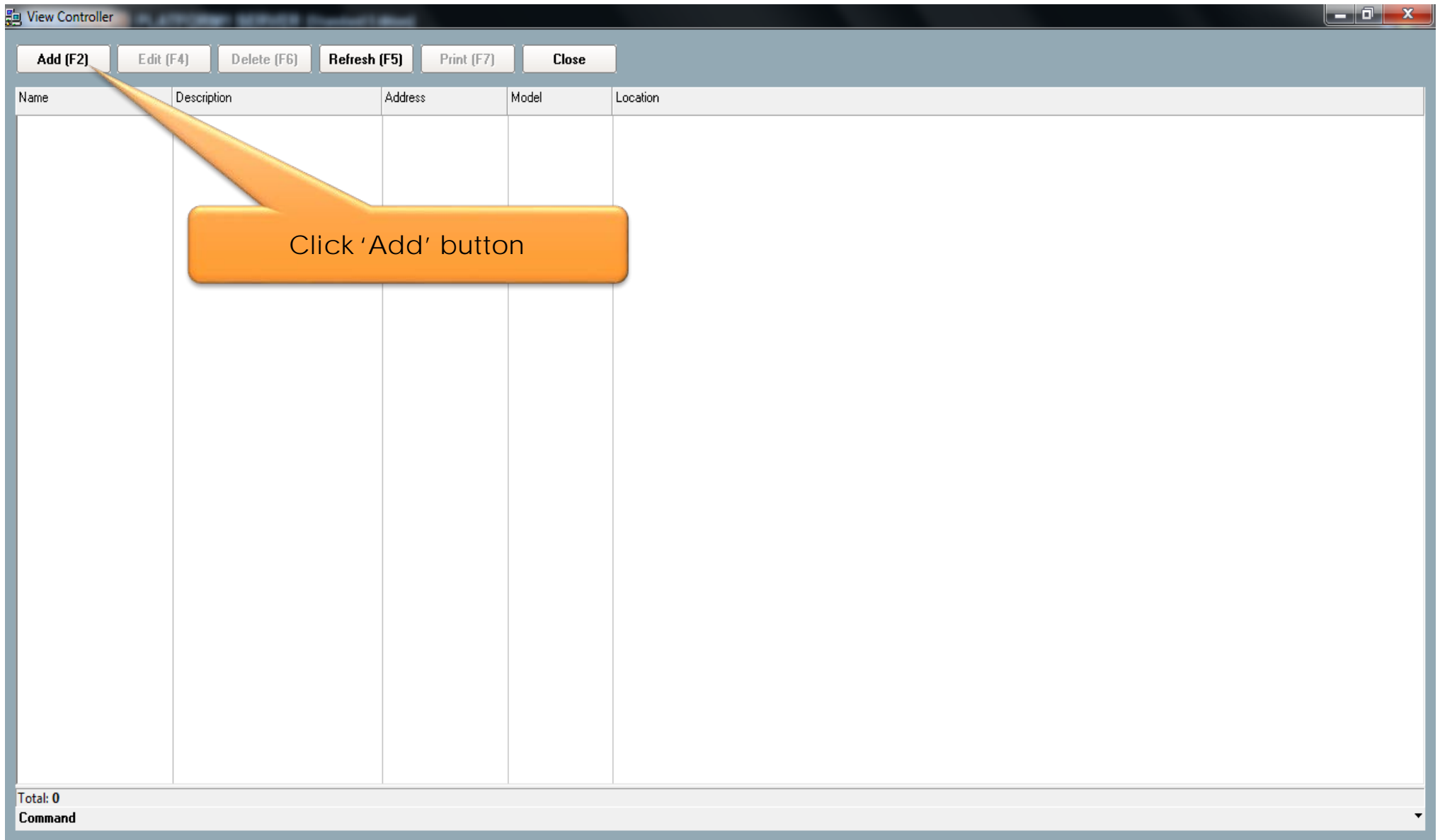
Preferences | Connection | Remote Router | Time Set | Time Zone | **Controller** | Access Level | Global Antipassback Group | Instructions/Com... | Roll Call Group

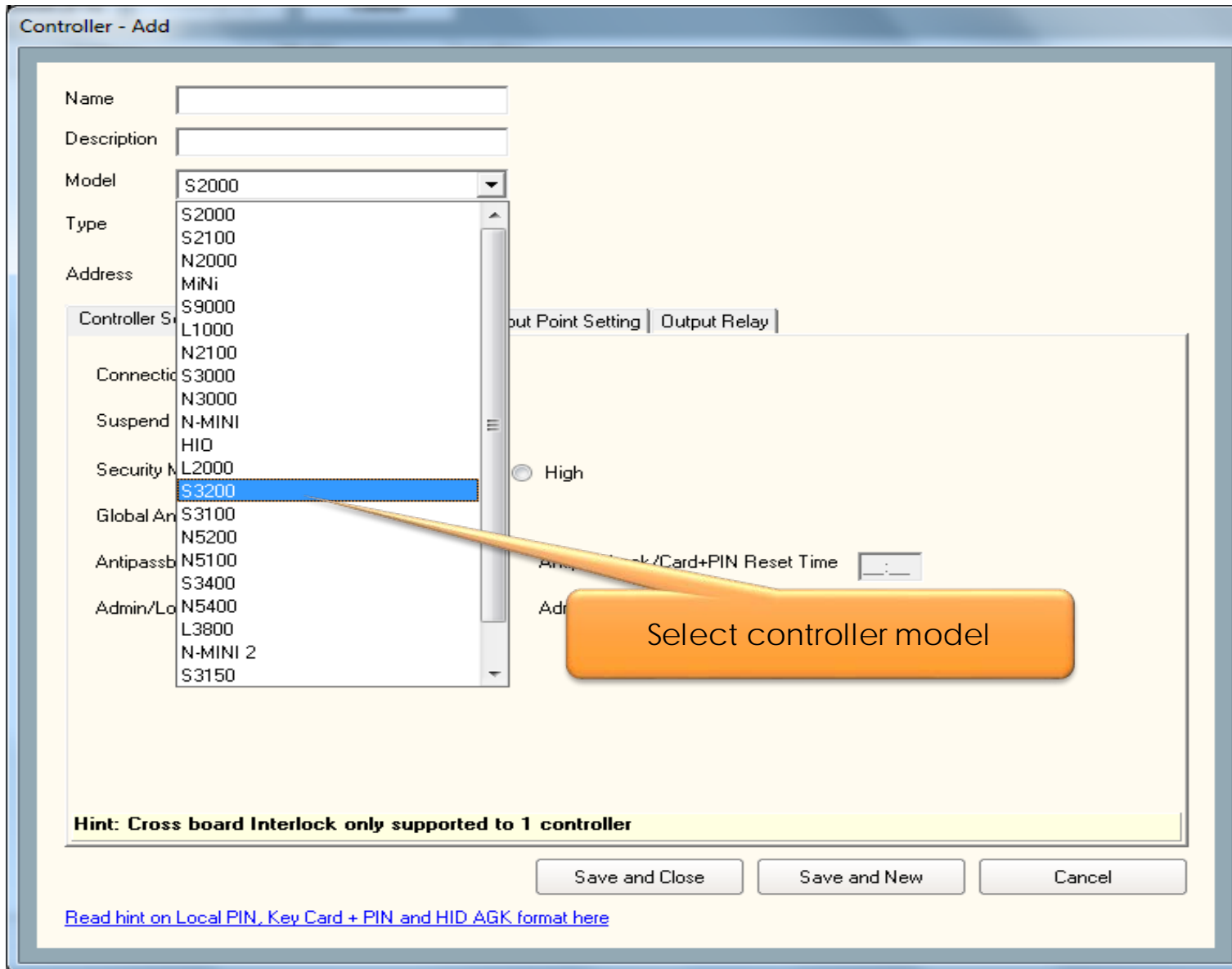
Fire Release Group | Access Group | Interlock Group | Wiegand Group | PA Messaging | Logo Group | Dynamic Triggering

Click 'Controller' icon

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: EntryPass | Date/Time: Wed, 13 Apr 2016 10:12:47







**Controller - Add**

Name:  (highlighted with a red box)

Description:  (highlighted with a red box)

Model:

Address:

1. Enter controller name and description

2. Enter controller unit address

3. Click 'Undefined' option

Connection: [Undefined](#)

Suspend Polling:  No

Global Antipassback Group: [Undefined](#)

Antipassback/Card+PIN Reset:  No      Antipassback/Card+PIN Reset Time:

Admin/Local Pin Reset:  Yes      Admin/Local Pin Reset Time:

Cross board Interlock Group: [Undefined](#)      Enabled Interlock:  No

**Hint: Cross board Interlock only supported to 1 controller**

Buttons: Load Profile, Save and Close, Save and New, Cancel

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

**Notes:** Unit address for HCB Serial Board is starting with 3 octets of 255, the last octets represents the dip-switch selected on the hardware controller (kindly refer [Appendix B](#) for Dip-Switch Addressing Table)





View Connection

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

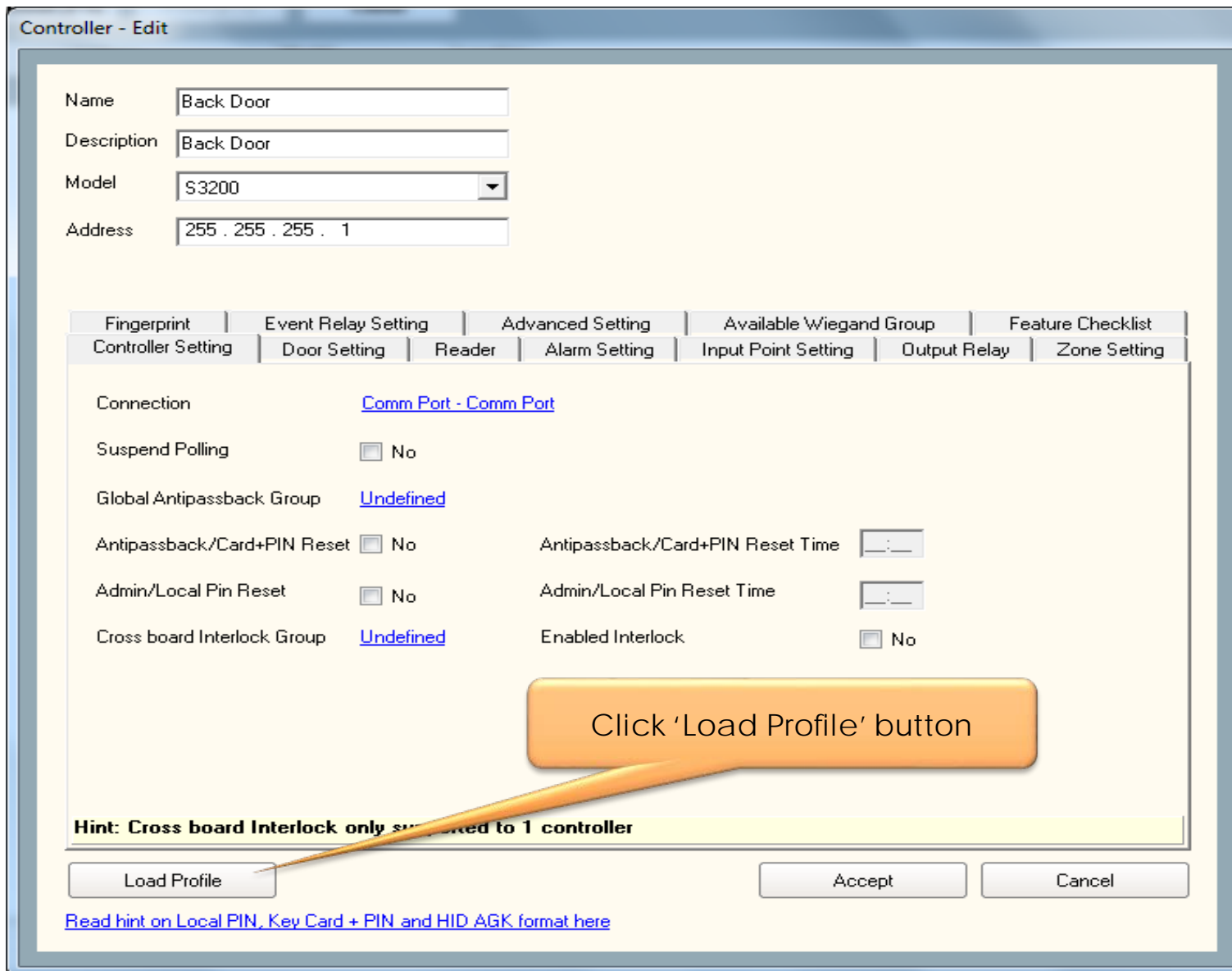
Name	Description	Type	Comm Port/IP Address/Host Name
Comm Port	Comm Port	Serial	Comm 6

1. Select connection

2. Click 'Select' button

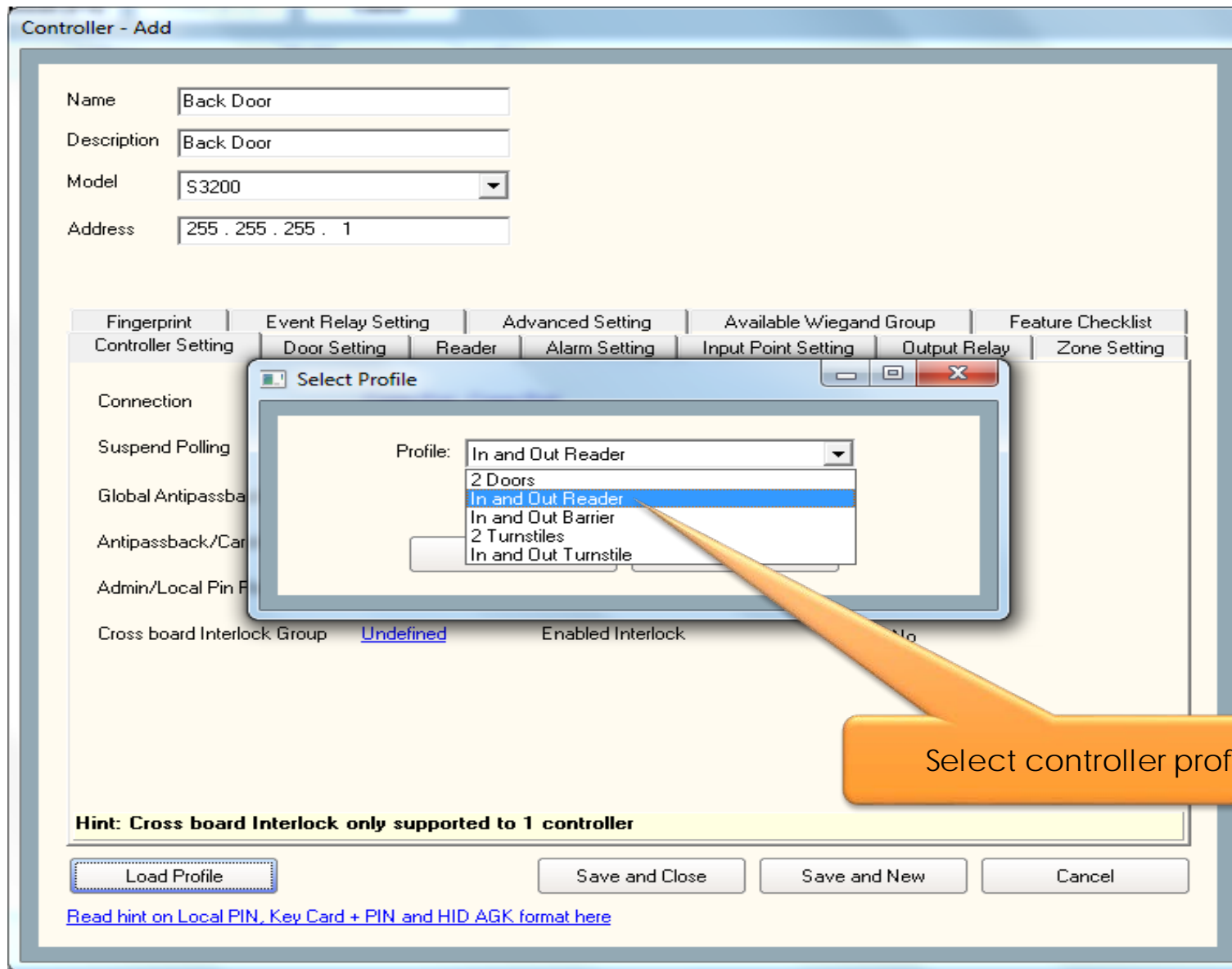
Total: 1





**Notes:** After selected the connection, the connection name will showing on the connection field.





**Controller - Add**

Name:

Description:

Model:

Address:

1. Click 'Door Setting' tab

Fingerprint | Event Relay Setting | Advanced Setting | Available Wiegand Group | Feature Checklist  
 Controller Setting | **Door Setting** | Reader | Alarm Setting | Input Point Setting | Output Relay | Zone Setting

Parameters	Door 1
Name	Back Door
Description	Back Door
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	<a href="#">0 - Not Active</a>
Card + PIN Lockout Count	0
Lock Release Time Zone	<a href="#">0 - Not Active</a>
Exit Button Enabled Time Zone	<a href="#">1 - 24 Hours Active</a>
Antipassback Time Zone	<a href="#">0 - Not Active</a>
Antipassback Lockout	<input type="checkbox"/> No

2. Enter door name and description

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

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



**Controller - Add**

Name:

Description:

Model:

Address:

1. Click 'Reader' tab

2. Enter reader name and description

Parameters	Reader 1	Reader 2
Name	Back Door In	Back Door Out
Description	Back Door In	Back Door Out
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	<input checked="" type="radio"/> In <input type="radio"/> Out	<input type="radio"/> In <input checked="" type="radio"/> Out
Bind to Door	1 - Door 1	1 - Door 1
HID AGK	N/A	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bi	[Wiegand 26-bits, Wiegand 32-bi
Activated Time Zone	<a href="#">1 - 24 Hours Active</a>	<a href="#">1 - 24 Hours Active</a>
Enable Access Limit	<input type="checkbox"/> No	<input type="checkbox"/> No

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



**Controller - Add**

Name:

Description:

Model:

Address:

Parameters	Reader 1	Reader 2
HID AGK	N/A	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single <input checked="" type="radio"/> 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	<input checked="" type="checkbox"/> Wiegand 26-bits	<input checked="" type="checkbox"/> Wiegand 26-bits
Enable Access Limit	<input checked="" type="checkbox"/> Wiegand 32-bits	<input checked="" type="checkbox"/> Wiegand 32-bits
Bind to Zone	<input checked="" type="checkbox"/> Wiegand 34-bits	<input checked="" type="checkbox"/> Wiegand 34-bits
Use Loop Detector	<input checked="" type="checkbox"/> Wiegand 35-bits	<input checked="" type="checkbox"/> Wiegand 35-bits
Bypass Access Limit	<input checked="" type="checkbox"/> Wiegand 37-bits	<input checked="" type="checkbox"/> Wiegand 37-bits
Use Built-in Tamper	<input type="checkbox"/> No	<input type="checkbox"/> No
Lockdown during Tampered	<input type="checkbox"/> No	<input type="checkbox"/> No

**Supported Wiegand Format**

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

**Notes:** Default Wiegand Format is set to 26-bits, 32-bits, 34-bits, 35-bits, and 37-bits.



**Controller - Add**

Name:

Description:

Model:

Address:

Parameters	Reader 1	Reader 2
Name	Back Door In	Back Door Out
Description	Back Door In	Back Door Out
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	<input checked="" type="radio"/> In <input type="radio"/> Out	<input type="radio"/> In <input checked="" type="radio"/> Out
Bind to Door	1 - Door 1	1 - Door 1
HID AGK	N/A	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single <input checked="" type="radio"/> Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bi	[Wiegand 26-bits, Wiegand 32-bi
Activated Time Zone	<a href="#">1 - 24 Hours Active</a>	<a href="#">1 - 24 Hours Active</a>
Enable Access Limit	<input type="checkbox"/> No	<input type="checkbox"/> No

Click 'Save and Close' button

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

**Notes:** On **Hardware** side, you will hear reboot sequences of 1 long beep and 3 short beeps to indicate the setting successfully saved



The screenshot shows a software window titled "View Controller". At the top, there is a toolbar with buttons for "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the toolbar is a table with the following columns: "Name", "Description", "Address", "Model", and "Location". The table contains one row with the following data:

Name	Description	Address	Model	Location
Back Door	Back Door	255.255.255.1	S3200	Comm P...

An orange callout bubble points to the "Close" button in the toolbar, containing the text "Click 'Close' button". At the bottom of the window, there is a status bar with the text "Total: 1" and "Command".





ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction Device List ... ... ...

Click 'Device List' tab

NOTIFICATION ALARM

Docked

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Reader 1		Reader 2		Status
								Status	Mode	Status	Mode	
Back Door	Back Door	Up	Back Door	Back Door	Door Closed	Disarm		No Tamper	No Tamper	No Tamper	No Tamper	

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: EntryPass | Date/Time: Wed, 13 Apr 2016 10:26:29

**Notes:** Please go to 'Device List' to check the **Hardware** status. Kindly refer [Appendix C](#) if the **Hardware** status is down.



# How To Create Access Level And Access Group



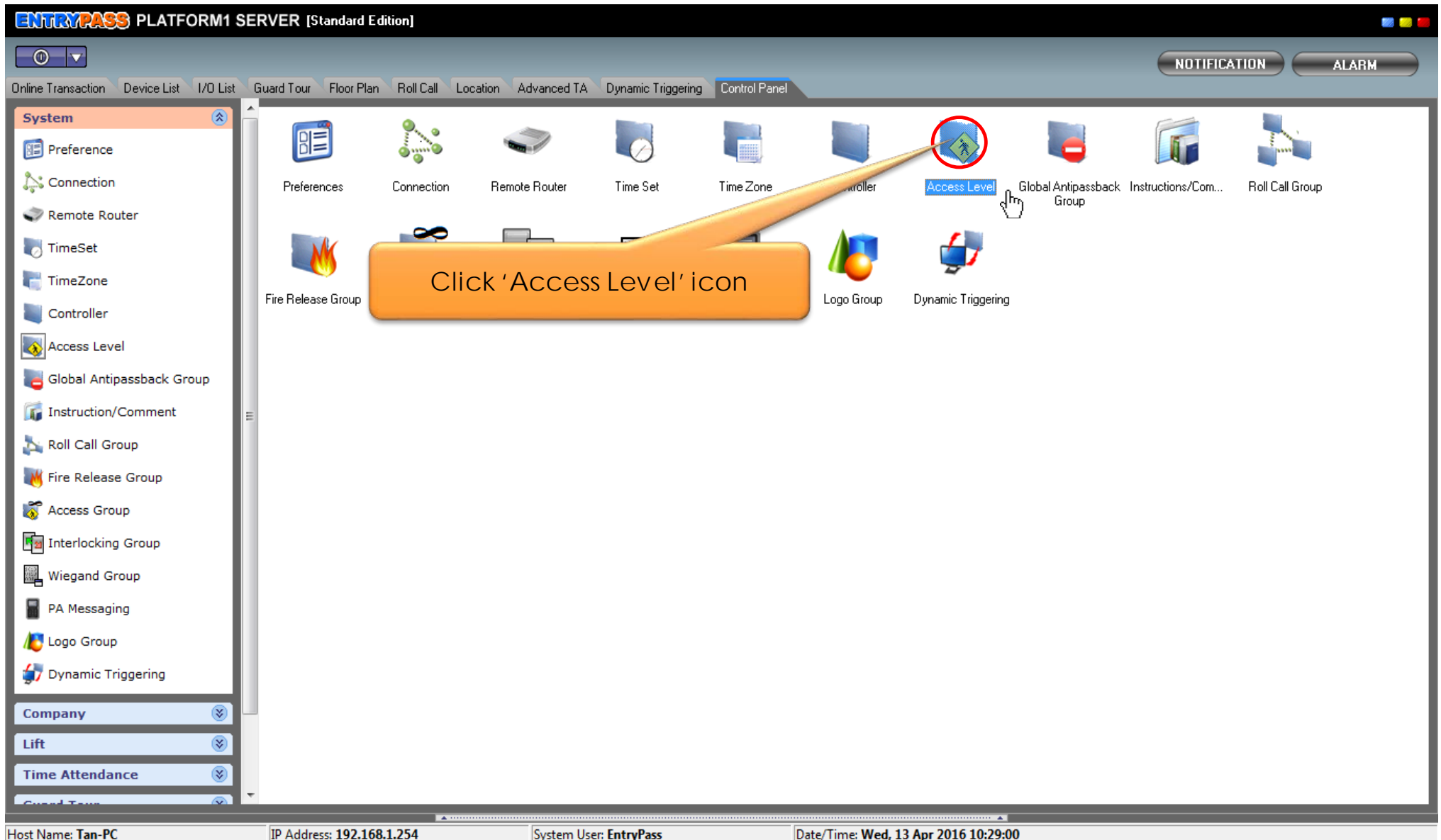
# *Difference Between Access Level And Access Group*

	<b>Access Level</b>	<b>Access Group</b>
No. Of Set	255	Unlimited
Supported <b>Hardware</b>	S3150, N5150	S3200, S3400, N5200, N5400, N- MINI 2, N6200, N6400



# Create Access Level





**Notes:** The following controllers support access level: Controller model: **MINI, NMINI, S3150, N5150**



View Access Level

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

Name ^	Descrip.
0	No Access
1	Full Access

Click 'Add' button

Total: 2

**Accessible Door**

Door	Description	In Time Zone
All Doors		0 - Not Active

Total: 0

Command



**Access Level - Add**

Name: 2

Description: Access Back Door

1. Enter access level name

Door	Description	In Time Zone

Accessible Door (Total: 0)

Add Add All Remove Remove All

Door	Description
Back Door	

2. Select which door that you want to assign to this access level

Available Door (Total: 1)

Save and Close Save and New Cancel

**Notes:** Only those doors that support access level will appeared in the 'Accessible Door' list



**Access Level - Add**

Name:

Description:

Door	Description	In Time Zone
Back Door	Back Door	<a href="#">1 - 24 Hours Active</a>

Accessible Door (Total: 1)

[0 - Not Active](#)

Door	Description

Available Door (Total: 0)





The screenshot shows a software window titled "View Access Level". At the top, there are several buttons: "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below these buttons is a table with two columns: "Name" and "Description".

Name	Description
0	No Access
1	Full Access
2	Access Back Door

Below this table, it says "Total: 3". Underneath is a section titled "Accessible Door" with a light green header. It contains a table with three columns: "Door", "Description", and "In Time Zone".

Door	Description	In Time Zone
Back Door	Back Door	1 - 24 Hours Active

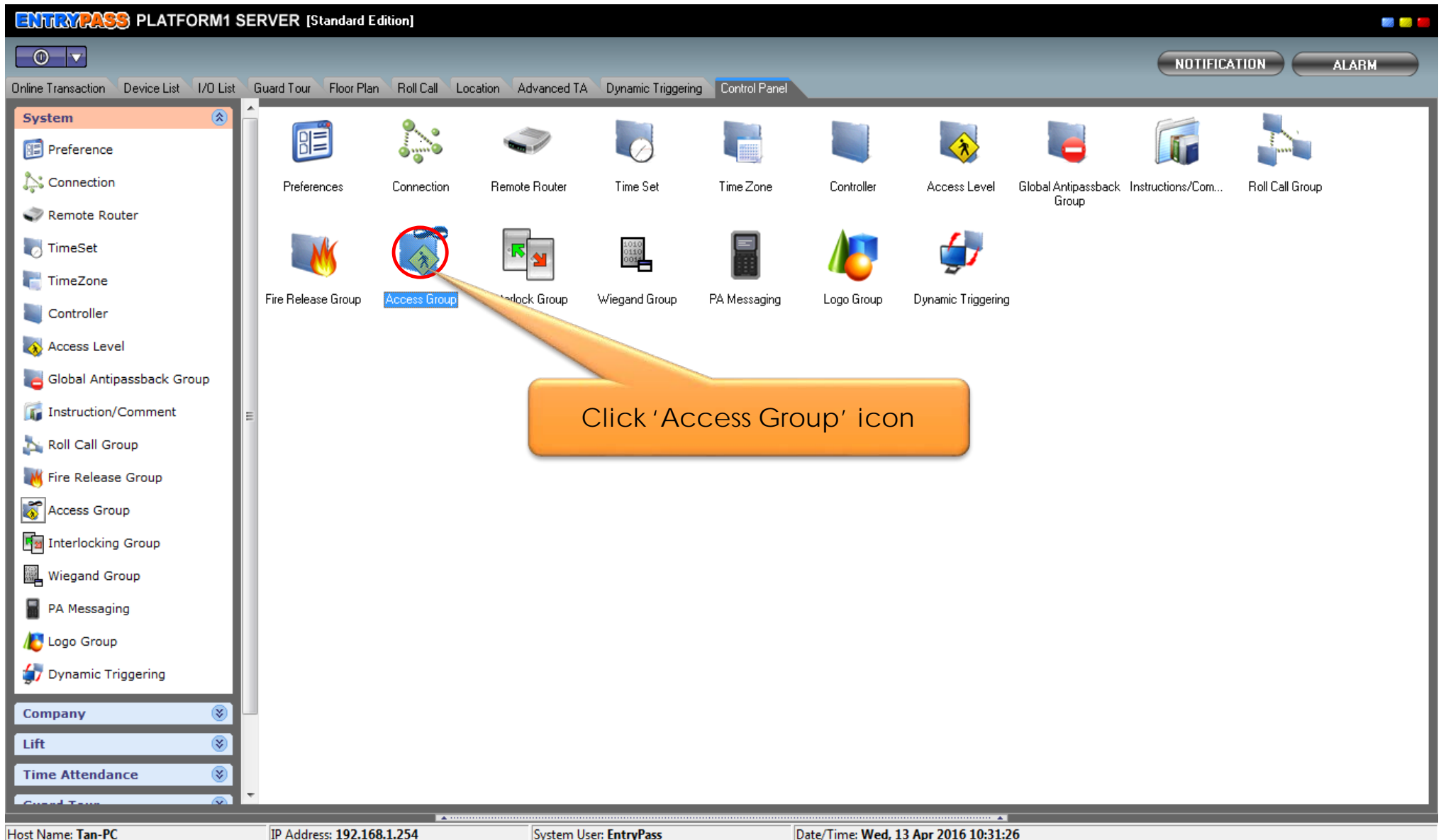
At the bottom of the window, it says "Total: 1" and "Command". An orange callout bubble with a white border points to the "Close" button and contains the text "Click 'Close' button".

**Notes:** Maximum access level that you can create is 255 sets.



# Create Access Group





**Notes:** The following controllers support access group: Controller model: S3200, S3400, N5200, N5400, N-MINI 2



View Access Group

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

Name	Description

Click 'Add' button

Total: 0

**Accessible Door**

Door	Description	In Time Zone

Total: 0

Command

The screenshot shows a software window titled 'View Access Group'. At the top, there is a toolbar with buttons for 'Add (F2)', 'Edit (F4)', 'Delete (F6)', 'Refresh (F5)', 'Print (F7)', and 'Close'. Below the toolbar is a table with two columns: 'Name' and 'Description'. An orange callout box with the text 'Click 'Add' button' points to the 'Add (F2)' button. Below this table is a summary bar showing 'Total: 0'. The next section is titled 'Accessible Door' and contains a table with three columns: 'Door', 'Description', and 'In Time Zone'. Below this table is another summary bar showing 'Total: 0' and a 'Command' dropdown menu.

**Access Group - Add**

Name

Description

Door	Description	In Time Zone

Accessible Door (Total: 0)

[0 - Not Active](#)

Available Door Listing | Incompatible Door Listing

Door	Description
Main Door	Main Door
Back Door	Back Door

Available Door (Total: 2)

1. Enter access group name and description

2. Select which door that you want to assign to this access group



Access Group - Add

Name

Description

Door	Description	In Time Zone
Main Door	Main Door	<a href="#">1 - 24 Hours Active</a>

Accessible Door (Total: 1)

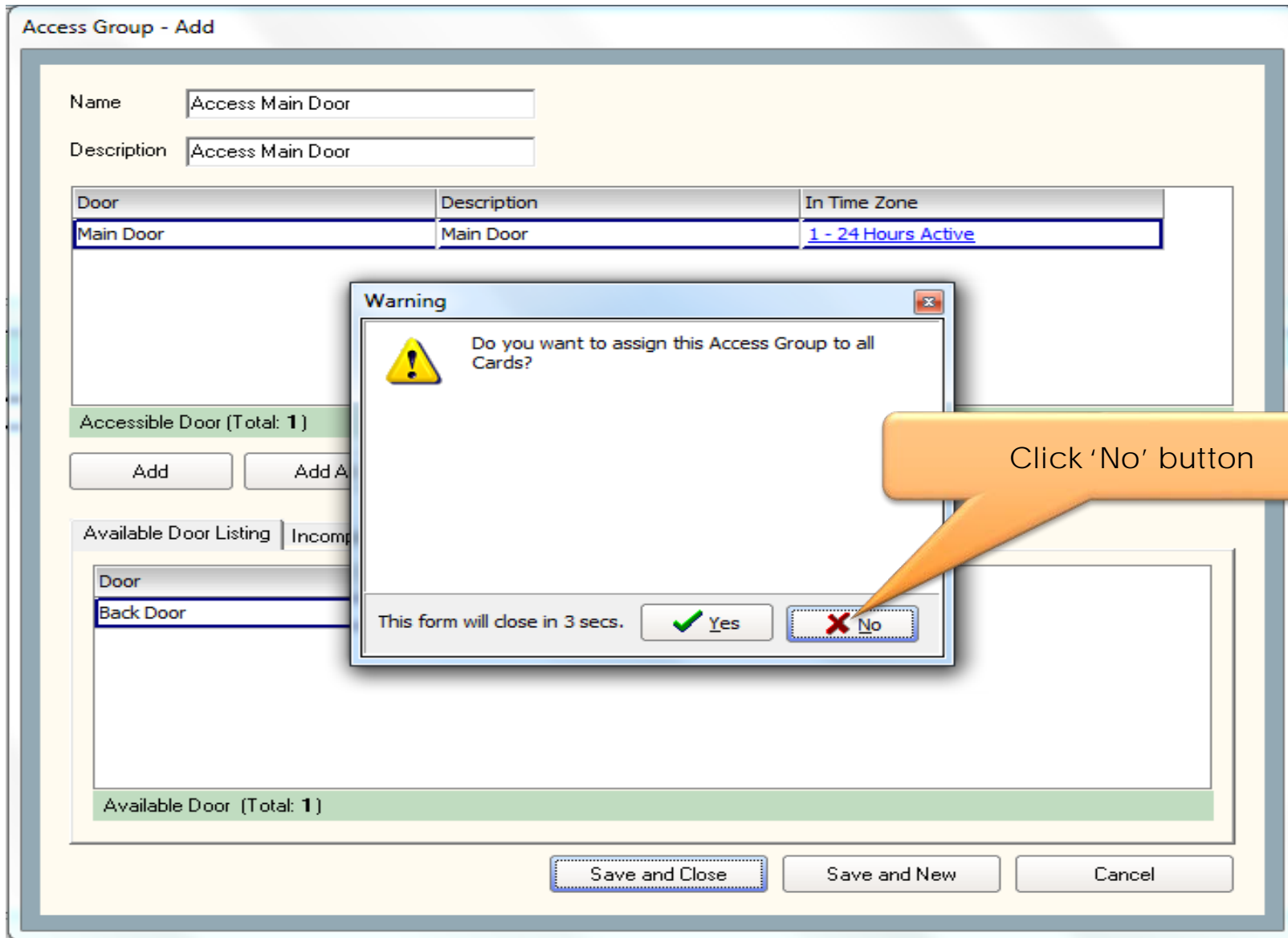
[0 - Not Active](#)

Available Door Listing | Incompatible Door Listing

Door	Description
Back Door	Back Door

Available Door (Total: 1)





View Access Group

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

Name	Description
Access Main Door	Access Main Door


Total: 1

**Accessible Door**

Door	Description	In Time Zone
Main Door	Main Door	1 - 24 Hours Active

Total: 1

Command



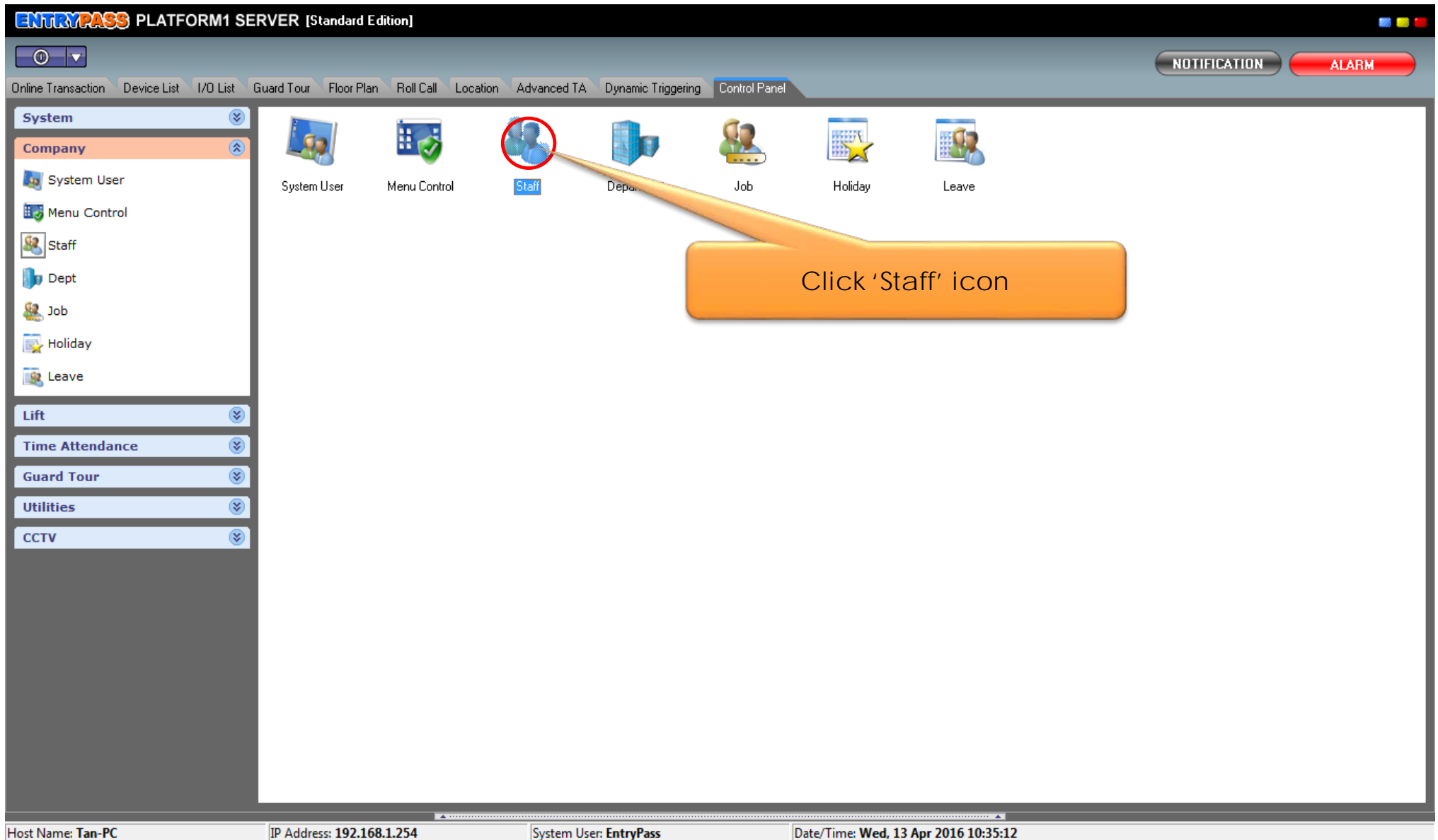
**Notes:** You can create unlimited access group.





# How To Create Staff And Card Data





**Notes:** You can find staff icon under 'Control Panel' → 'Company' tab.



View Staff

Filter View
  Classic View

Filter By: Staff No.
   
 Filter Value:

NOTE: When filter by card's condition: if cardholder hold [ ] k color.

Record 0 to 0 of 0

Click 'Add' button

Staff No.	Name	Department	Job	Shift	Card 1	Card 2	Card 3	Card 4	Card 5

Total Staff on screen: 0

Summary of Staff:

Command

Selection List



**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

*(Best fit: 150 \* 150)*

Last Modified Date: -

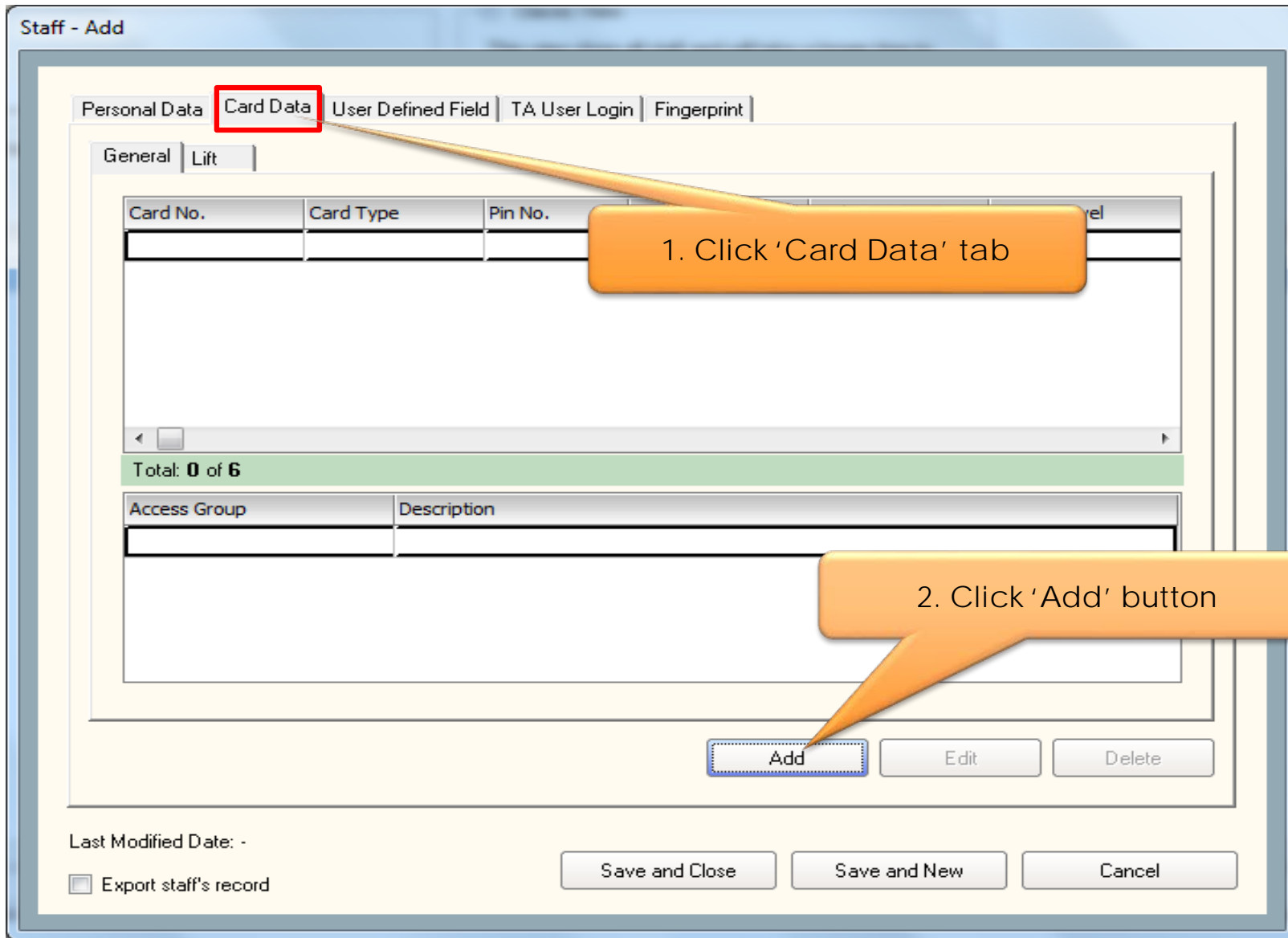
Export staff's record

Enter staff no. and name

**Notes:** Staff No. cannot support the following symbols:

- (i) ' (Apostrophe)
- (ii) " (Quotation)
- (iii) ; (Semi Comma)
- (iv) - (Hyphen)





Card - Add

Card No.   Scan From Reader

Card Name   Scan From Writer

General | Lift

Card Type

Pin No.

Start Date

End Date

Accessibility

Buddy Mode  No Buddy No

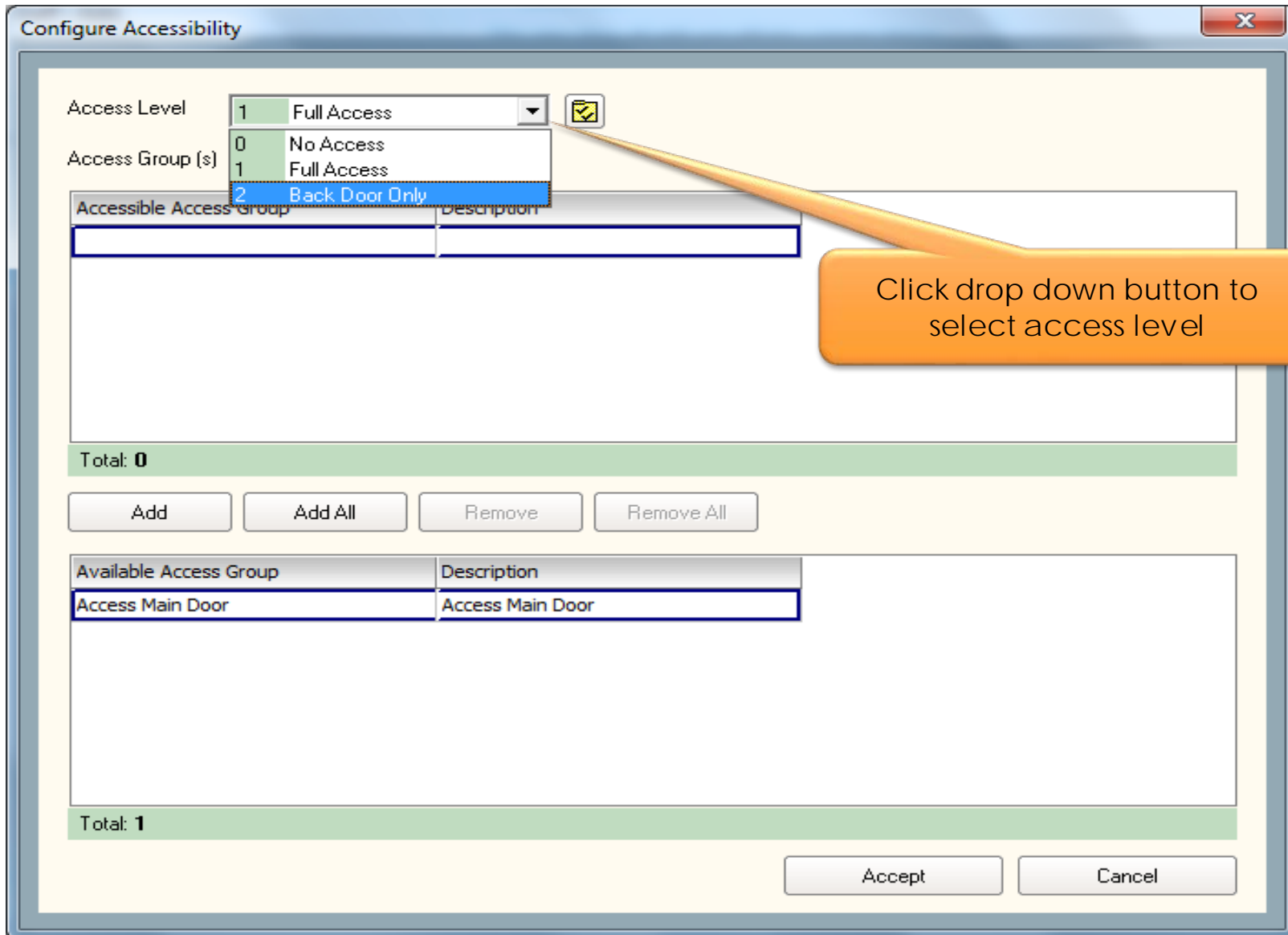
Antipassback  Yes

Activate  Yes

1. Enter card no. manually or scan from reader

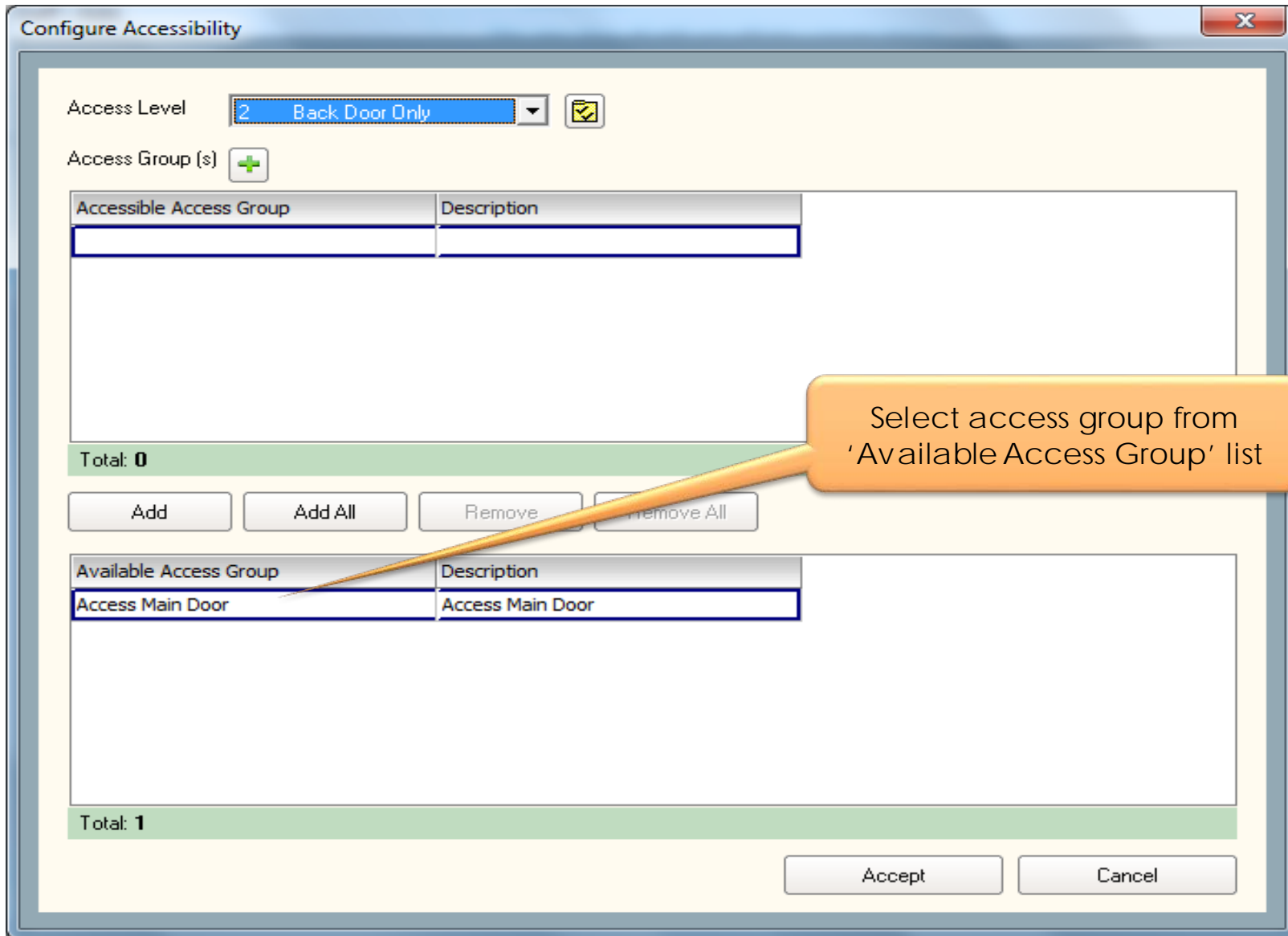
2. Click 'Option' button to select access level or access group





**Notes:** The following controllers support **Access Level**: Controller model: **MINI, NMINI, S3150, N5150**

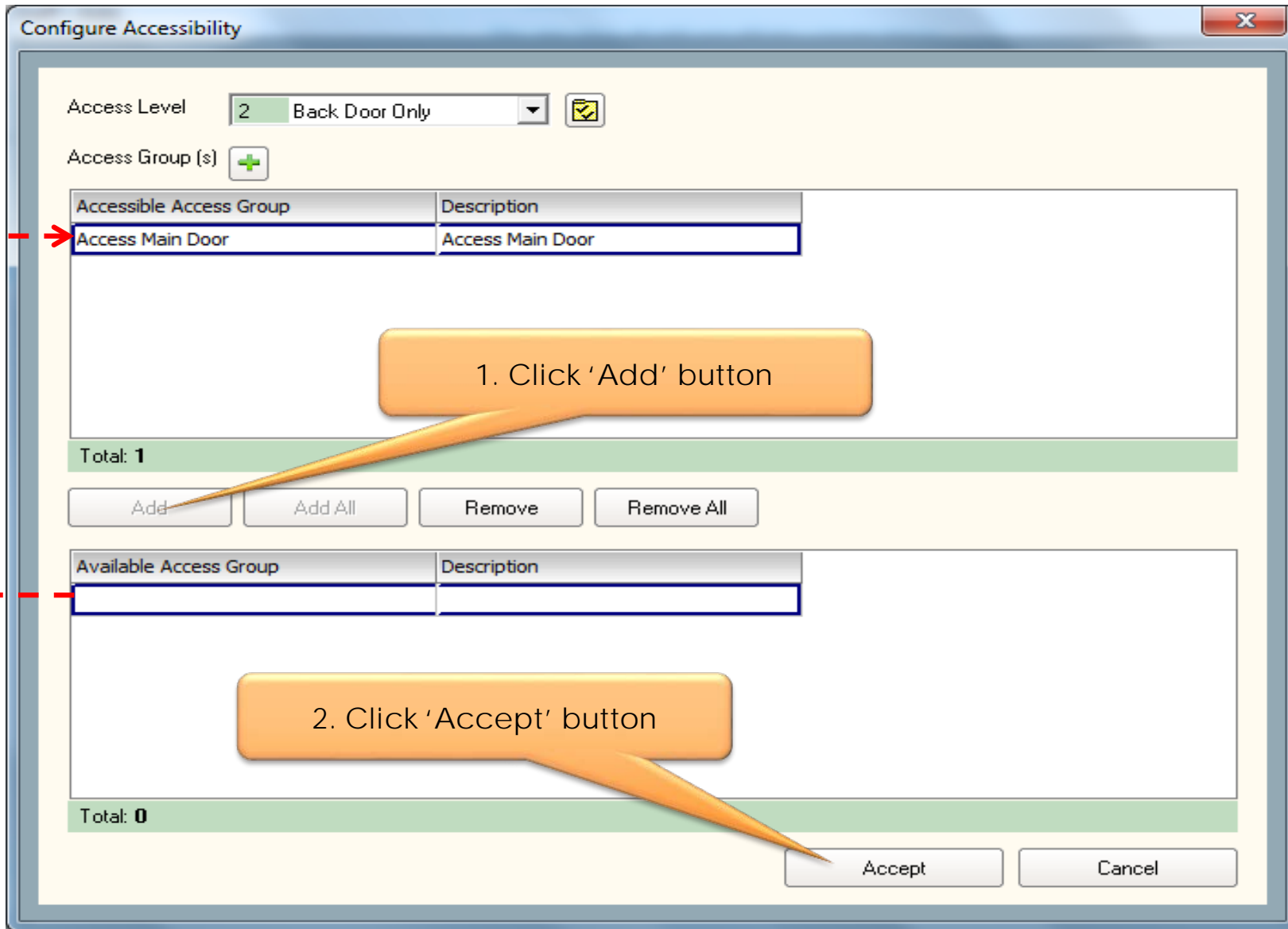




**Notes:** The following controllers support **Access Group**: Controller model: **S3200, S3400, N5200, N5400, N-MINI 2**







Card - Add

Card No.   Scan From Reader

Card Name   Scan From Writer

General | Lift

Card Type

Pin No.

Start Date

End Date

Accessibility

Buddy Mode  No  Buddy

Antipassback  Yes

Activate  Yes

Click 'Add and Close' button



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
1013534812	Access Card	000000	13/04/2016	13/04/2026	2 - Back Door Only

Total: 1 of 6

Access Group	Description
Access Main Door	Access Main Door

Click 'Save and Close' button

Add Edit Delete

Last Modified Date: -

Export staff's record

Save and Close Save and New Cancel



View Staff

Filter View
  Classic View

Filter By: 
 Filter Value:

NOTE: When filter by card's condition: if cardholder holds more than one card, card which meet the filter will be shown in red color, otherwise black color.

System detected changes has been done to staff information. Therefore pagination listing is aborted. Please click


Staff No.	Name	Department	Job	Shift	Card 1	Card 2	Card 3	Card 4	Card 5
T001	TAN				1013534812 (2) <a href="#">[more]</a>				

Total Staff on screen: 1

Summary of Staff:	Total Staff: 1	Total card: 1	Total Department: 0	Total Job: 0	Total Shift: 0	Total Access Level: 3	Total Access Group: 1
-------------------	----------------	---------------	---------------------	--------------	----------------	-----------------------	-----------------------

Command

Selection List

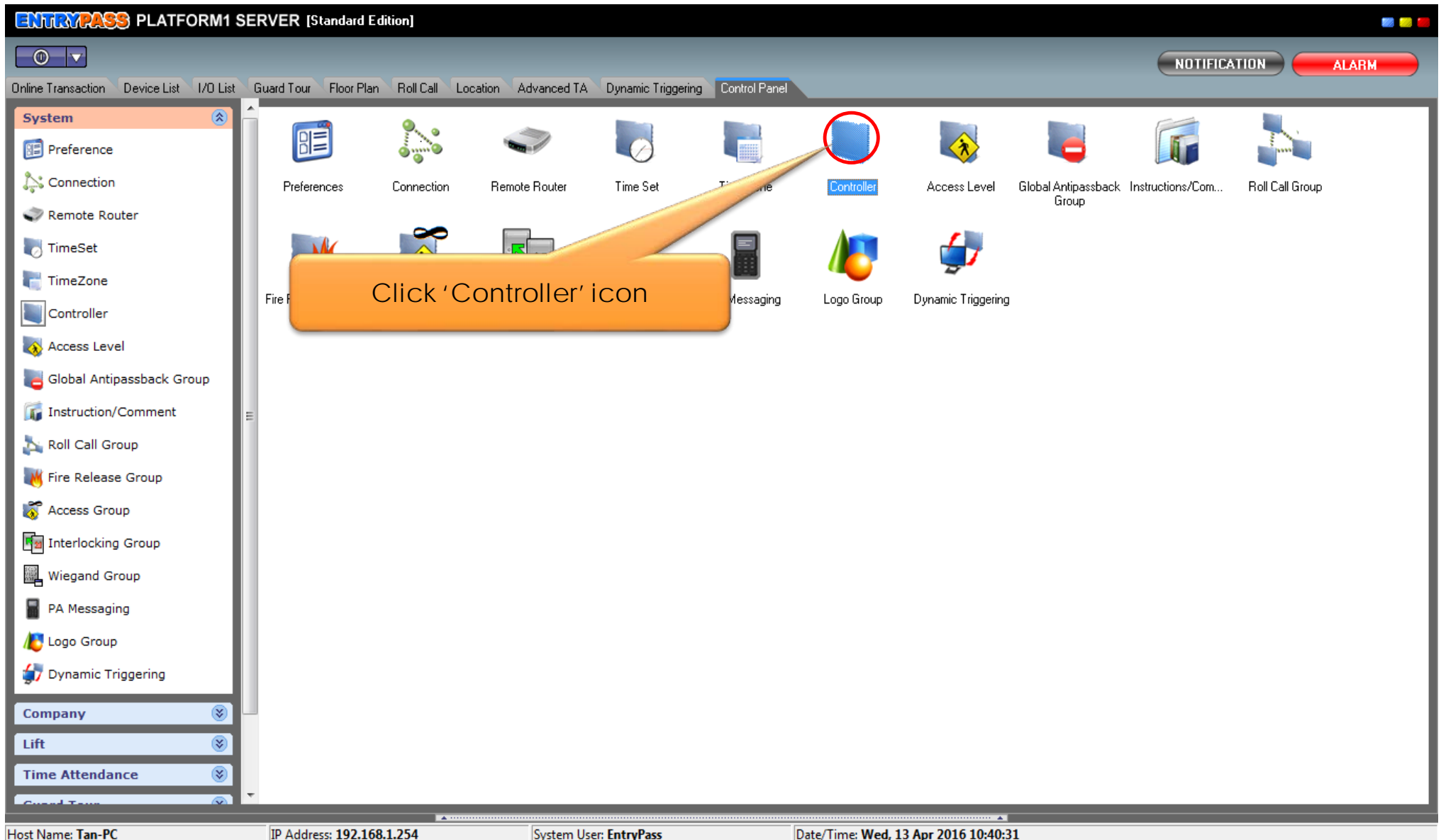


**Notes:** After you've saved the card data, P1 Server will automatic send the card data to **Hardware** according to access level or access group that you assigned.



# Create Local Antipassback





**Notes:** You can find controller icon under 'Control Panel' → 'System' tab.



View Controller

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

Name	Description	Address	Model	Location
Back Door	Back Door	192.168.1.101	N5200	
Main Door	Main Door	192.168.1.100	N5200	

Total: 2  
Command

Double click the controller that you want to enable local antipassback



Controller - Edit

Name: Main Door  
 Description: Main Door  
 Model: N5200  
 Address: 192 . 168 . 1 . 100

1. Click 'Door Setting' tab

Zone Setting | **Fingerprint** | Event Delay Setting | Advanced Setting | Available Wiegand Group | Feature Checklist  
 Controller Setting | **Door Setting** | Reader | Alarm Setting | Input Point Setting | Output Relay | Network Setting | Port Forwarding

Parameters	Door 1
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	<a href="#">0 - Not Active</a>
Card + PIN Lockout Count	0
Lock Release Time Zone	<a href="#">0 - Not Active</a>
Exit Button Enabled Time Zone	<a href="#">1 - 24 Hours Active</a>
Antipassback Time Zone	<a href="#">0 - Not Active</a>
Antipassback Lockout	<input type="checkbox"/> No
Buddy Mode Time Zone	<a href="#">0 - Not Active</a>
PIN 1	000000
PIN 1 Time Zone	<a href="#">0 - Not Active</a>

2. Click '0-Not Active' option

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

Load Profile      Accept      Cancel

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





View Time Zone

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

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

1. Select time zone

2. Click 'Select' button

Total: 2  
Command



Controller - Edit

Name: Main Door  
 Description: Main Door  
 Model: N5200  
 Address: 192 . 168 . 1 . 100

Zone Setting | Fingerprint | Event Relay Setting | Feature Checklist  
 Controller Setting | Door Setting | Reader | Alarm Setting | Port Forwarding

Parameters | Door 1

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	1 - 24 Hours Active
Antipassback Lockout	<input type="checkbox"/> No
Buddy Mode Time Zone	0 - Not Active
PIN 1	000000
PIN 1 Time Zone	0 - Not Active
PIN 2	000000

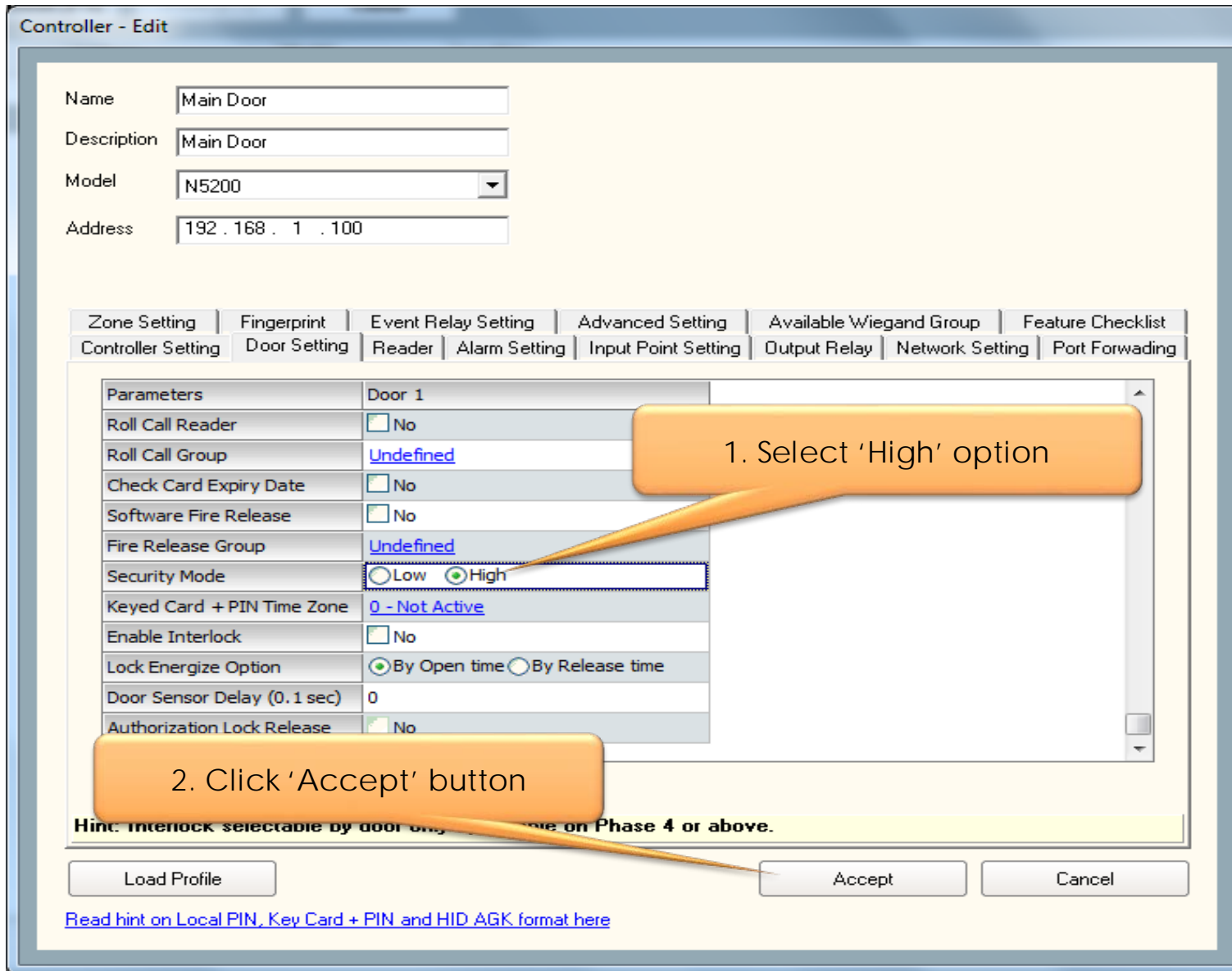
Scroll down until you find 'Security Mode' option

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

Load Profile | Accept | Cancel

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



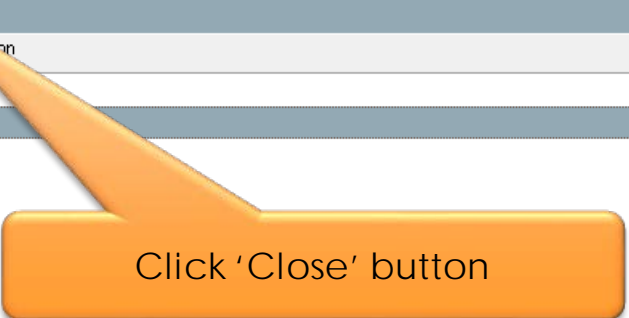


View Controller

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

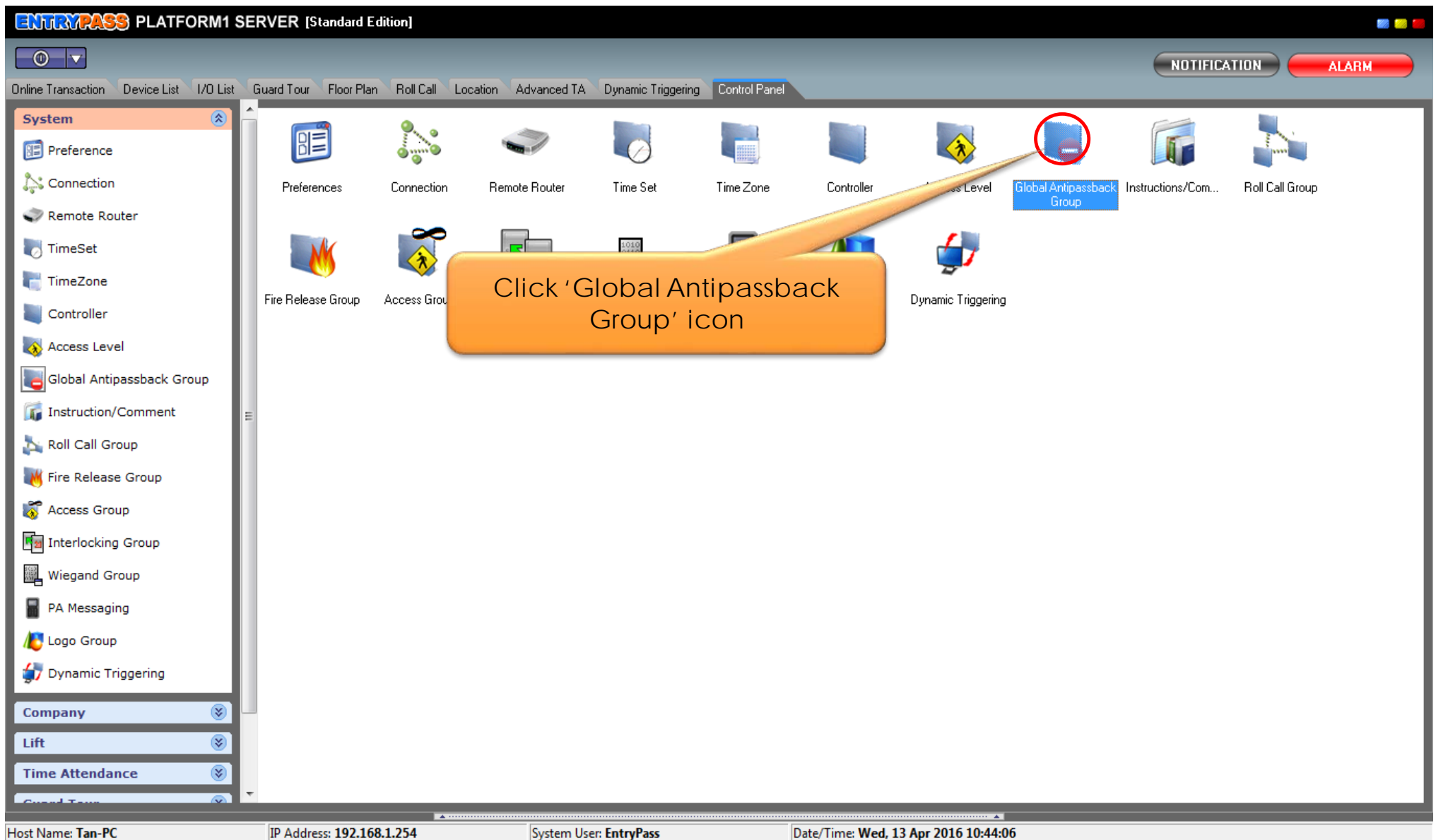
Name	Description	Address	Model	Location
Back Door	Back Door	192.168.1.101	N5200	
Main Door	Main Door	192.168.1.100	N5200	

Total: 2  
Command



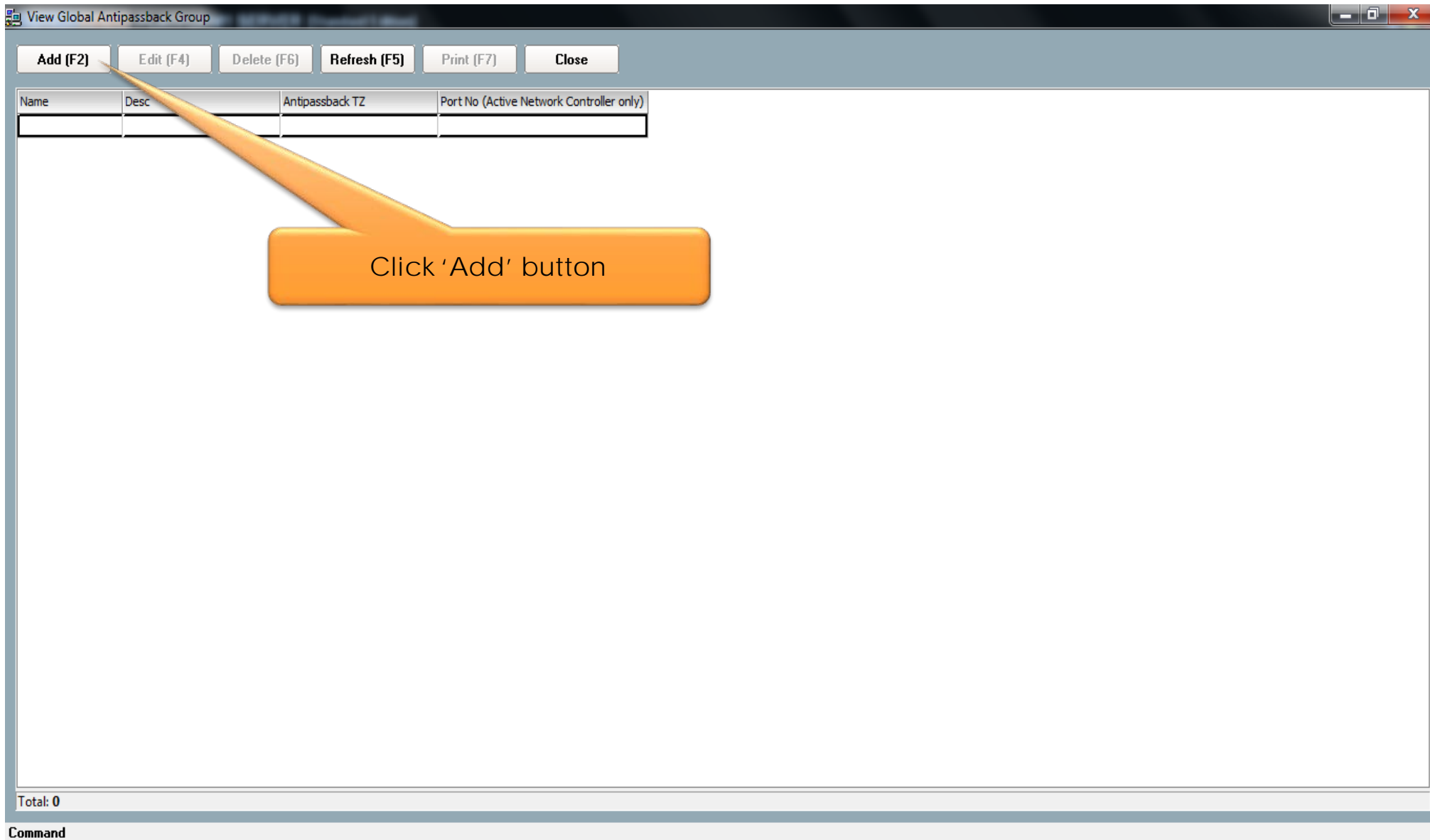
# Create Global Antipassback





**Notes:** You can find global antipassback group icon under 'Control Panel' → 'System' tab.





The screenshot shows a dialog box titled "Global Antipassback Group - Add". It contains the following fields and options:

- Name:** A text input field containing "Group A".
- Description:** A text input field containing "Group A".
- Antipassback TZ:** A dropdown menu with the selected option "0 - Not Active".
- Port No.:** A spinner box containing "44500" and a note "0 = Not used".

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

Two callout boxes provide instructions:

1. Enter global antipassback name and description (pointing to the Name and Description fields).
2. Click '0-Not Active' option (pointing to the Antipassback TZ dropdown).





View Time Zone

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

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

1. Select time zone

2. Click 'Select' button

Total: 2  
Command



Global Antipassback Group - Add

Name:

Description:

Antipassback TZ: [1 - 24 Hour](#)

Port No.

[Notes: Port.No. only applicable for Active Network Controller use]

Click 'Save and Close' button




View Global Antipassback Group

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

Name	Desc	Antipassback TZ	Port No (Active Network Controller o
Group A	Group A	1 - 24 Hours Active	44500

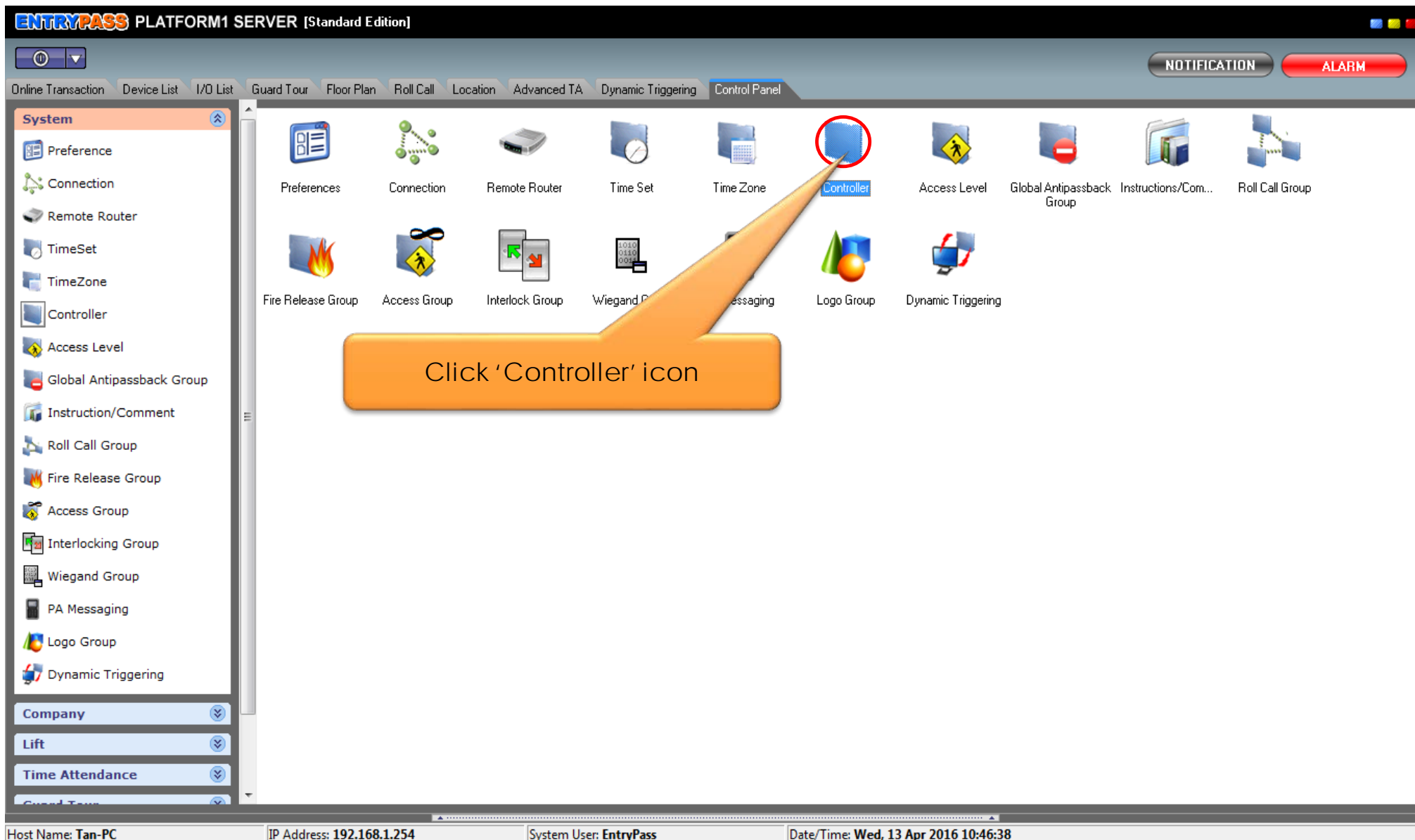
Total: 1

Command



Click 'Close' button





View Controller

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

Name	Description	Address	Model	Location
Back Door	Back Door	192.168.1.101	N5200	
Main Door	Main Door	192.168.1.100	N5200	

Total: 2  
Command

Double click the controller that you want to assign global antipassback group



**Controller - Edit**

Name:

Description:

Model:

Address:

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**

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

Click 'Undefined' option



View Global Antipassback Group

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

Name	Desc	Antipassback TZ	Port No (Active Network Controller only)
Group A	Group A	1 - 24 Hours Active	44500

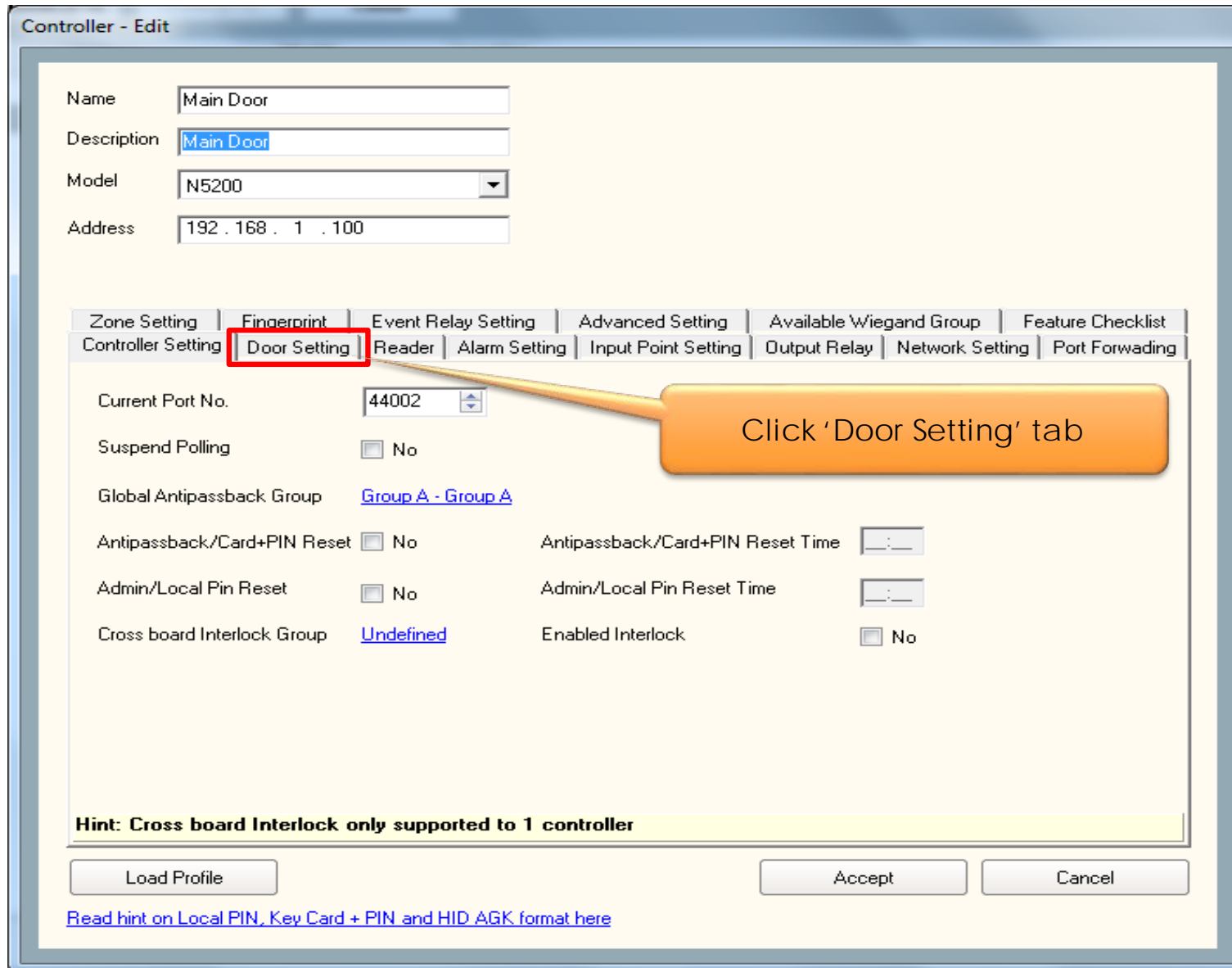
Total: 1

Command

1. Select global antipassback group

2. Click 'Select' button





**Notes:** After selected the global antipassback group, the group name will appeared on the global antipassback group field.





**Controller - Edit**

Name:

Description:

Model:

Address:

Zone Setting | Fingerprint | Event Relay Setting | Feature Checklist  
 Controller Setting | Door Setting | Reader | Alarm Setting | Port Forwarding

Parameters

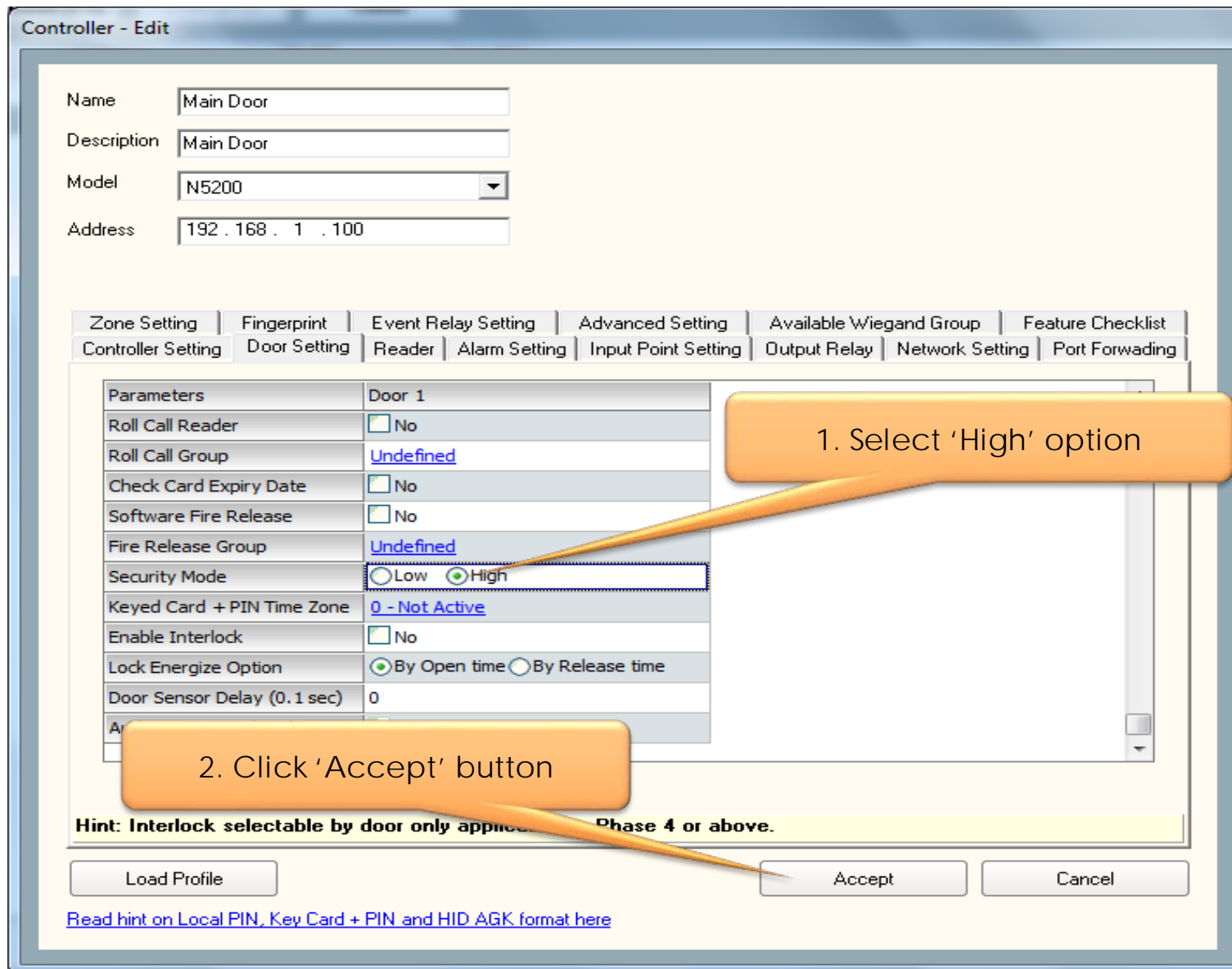
Parameters	Door 1
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	<a href="#">0 - Not Active</a>
Card + PIN Lockout Count	0
Lock Release Time Zone	<a href="#">0 - Not Active</a>
Exit Button Enabled Time Zone	<a href="#">1 - 24 Hours Active</a>
Antipassback Time Zone	<a href="#">0 - Not Active</a>
Antipassback Lockout	<input type="checkbox"/> No
Buddy Mode Time Zone	<a href="#">0 - Not Active</a>
PIN 1	000000
PIN 1 Time Zone	<a href="#">0 - Not Active</a>

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

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

Scroll down until you find 'Security Mode' option





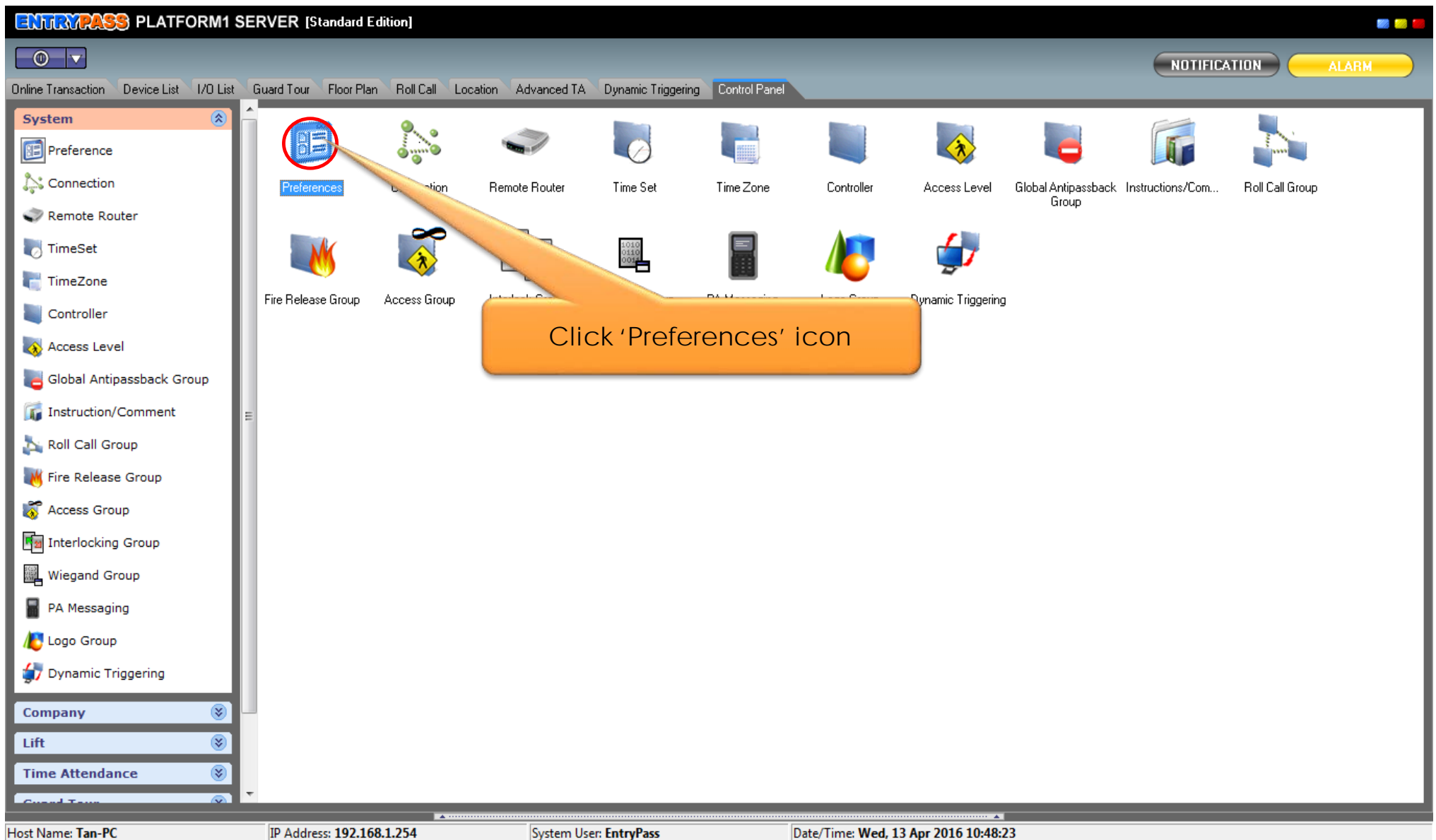
The screenshot shows a software window titled "View Controller" with a menu bar containing buttons for "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the menu bar is a table with the following data:

Name	Description	Address	Model	Location
Back Door	Back Door	192.168.1.101	N5200	
Main Door	Main Door	192.168.1.100	N5200	

An orange callout bubble points to the "Close" button with the text "Click 'Close' button". At the bottom of the window, there is a status bar showing "Total: 2" and a "Command" field.

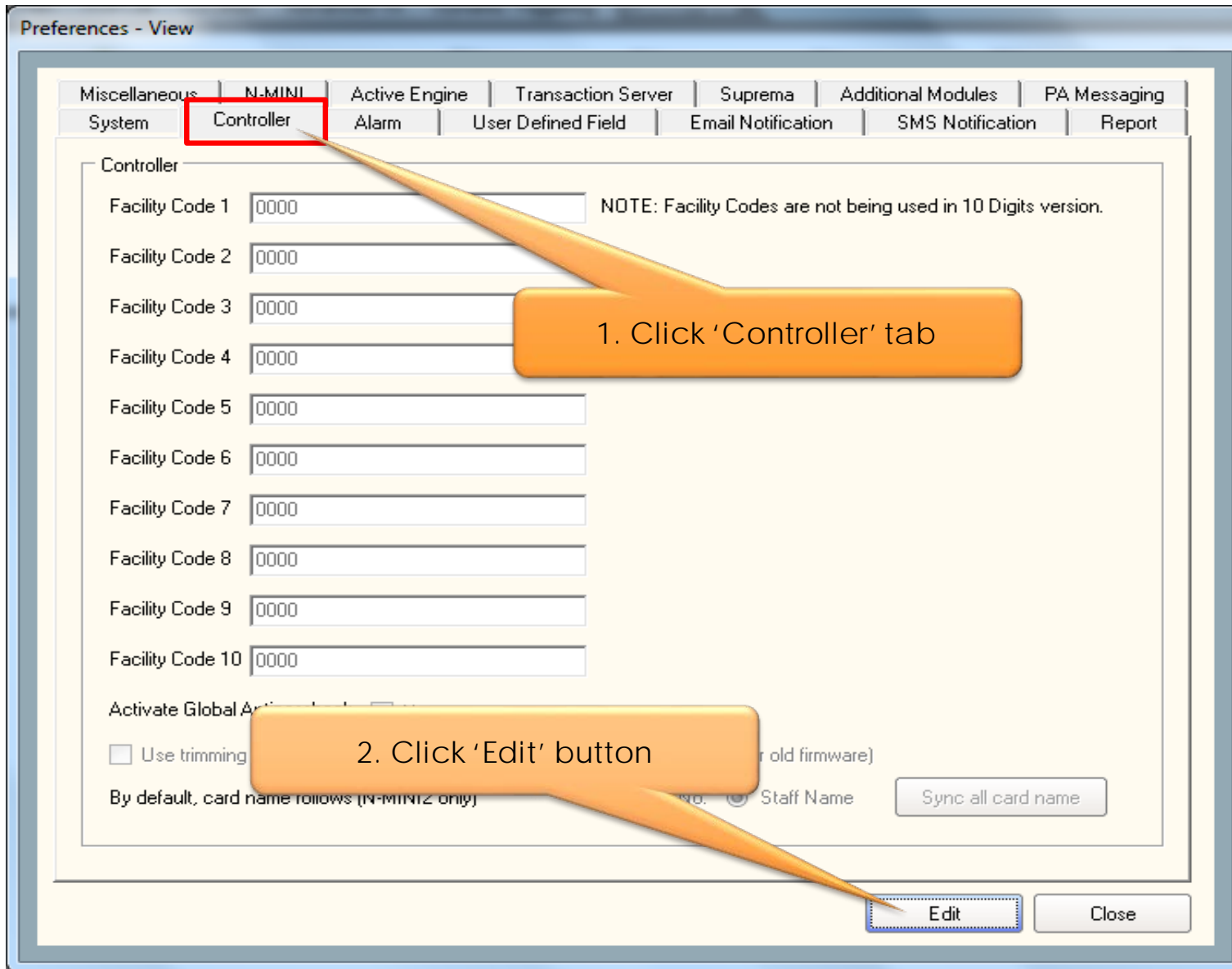
**Notes:** Repeat the steps from page 142 to page 147 for all the controllers fall under the same global antipassback group.

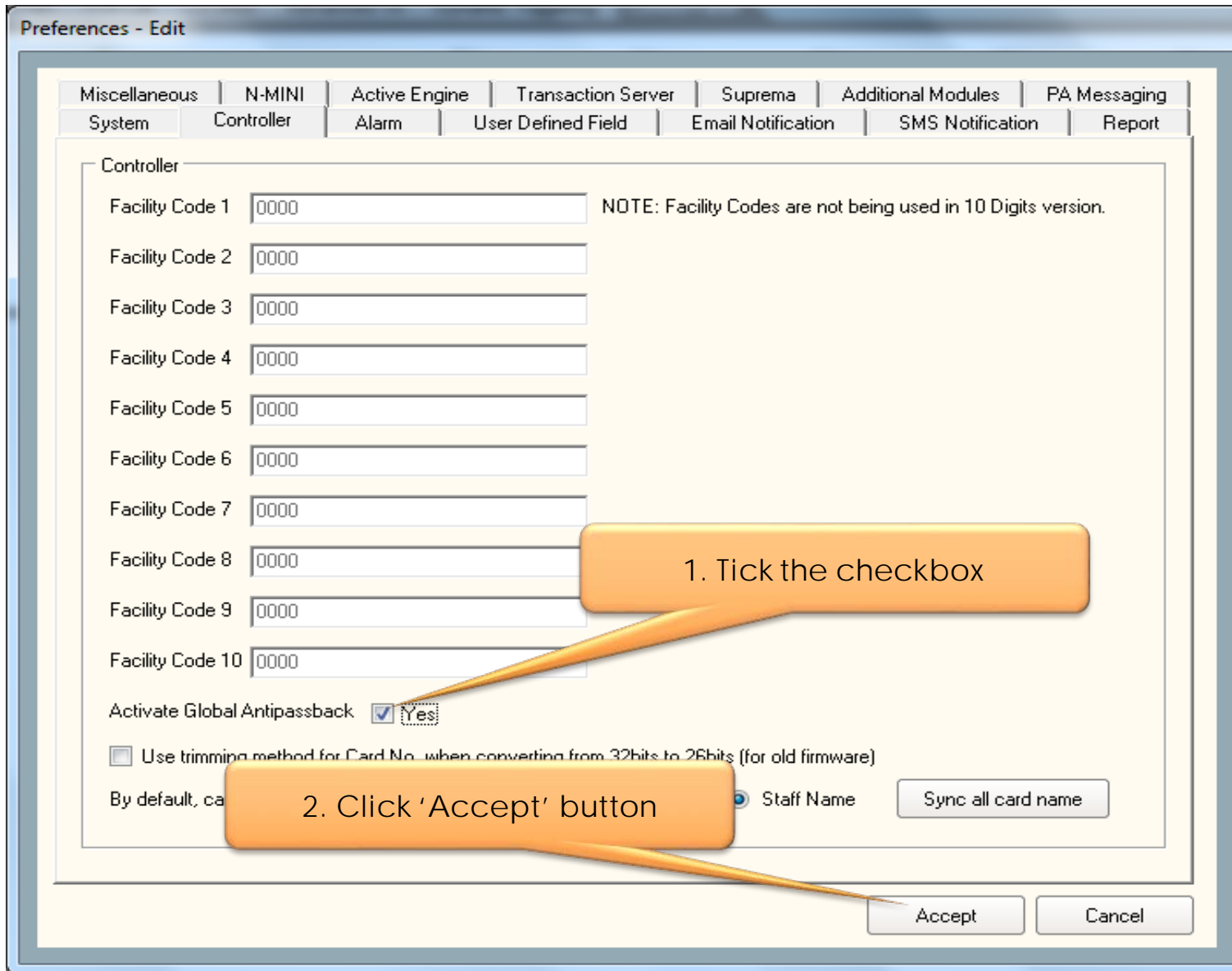


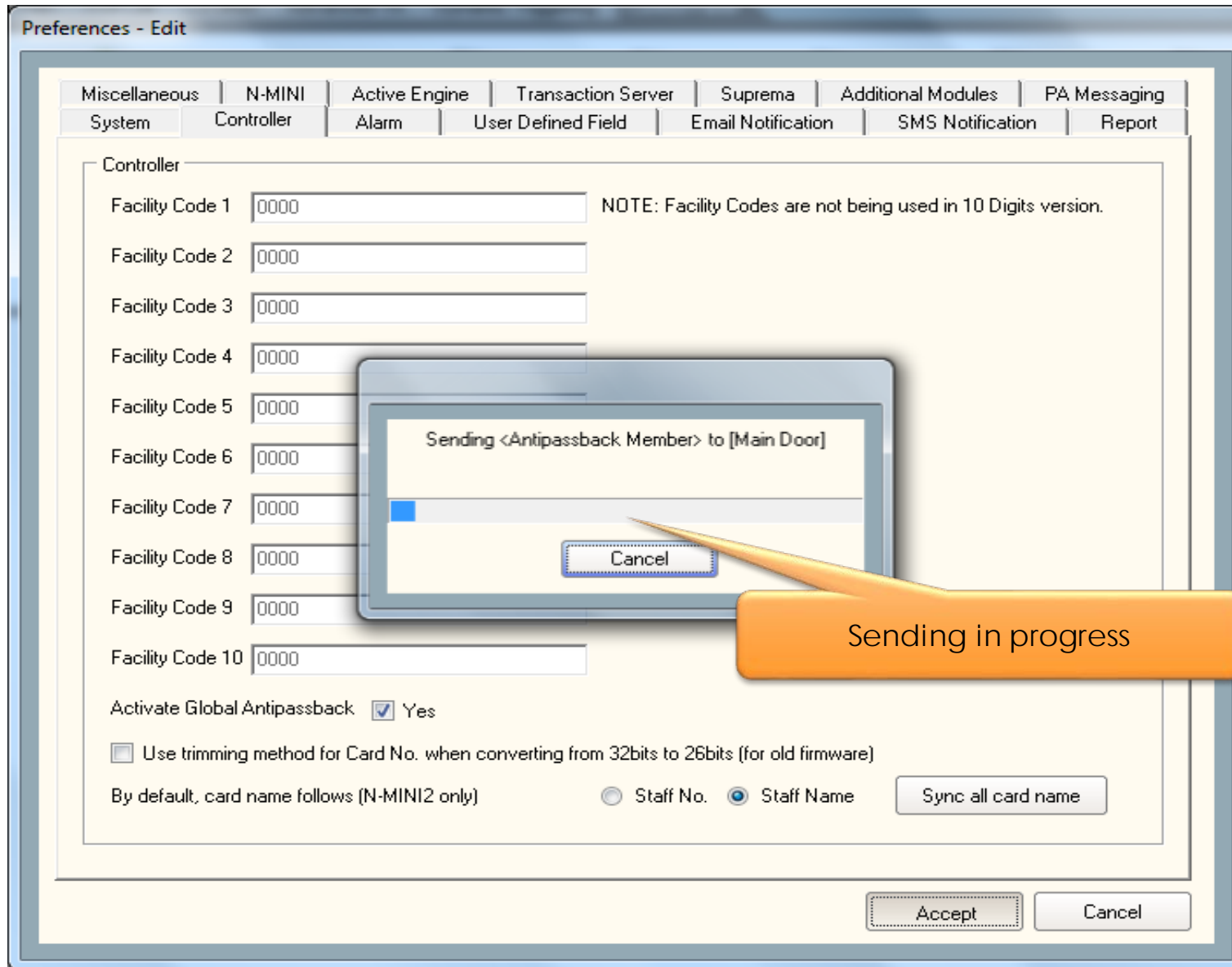


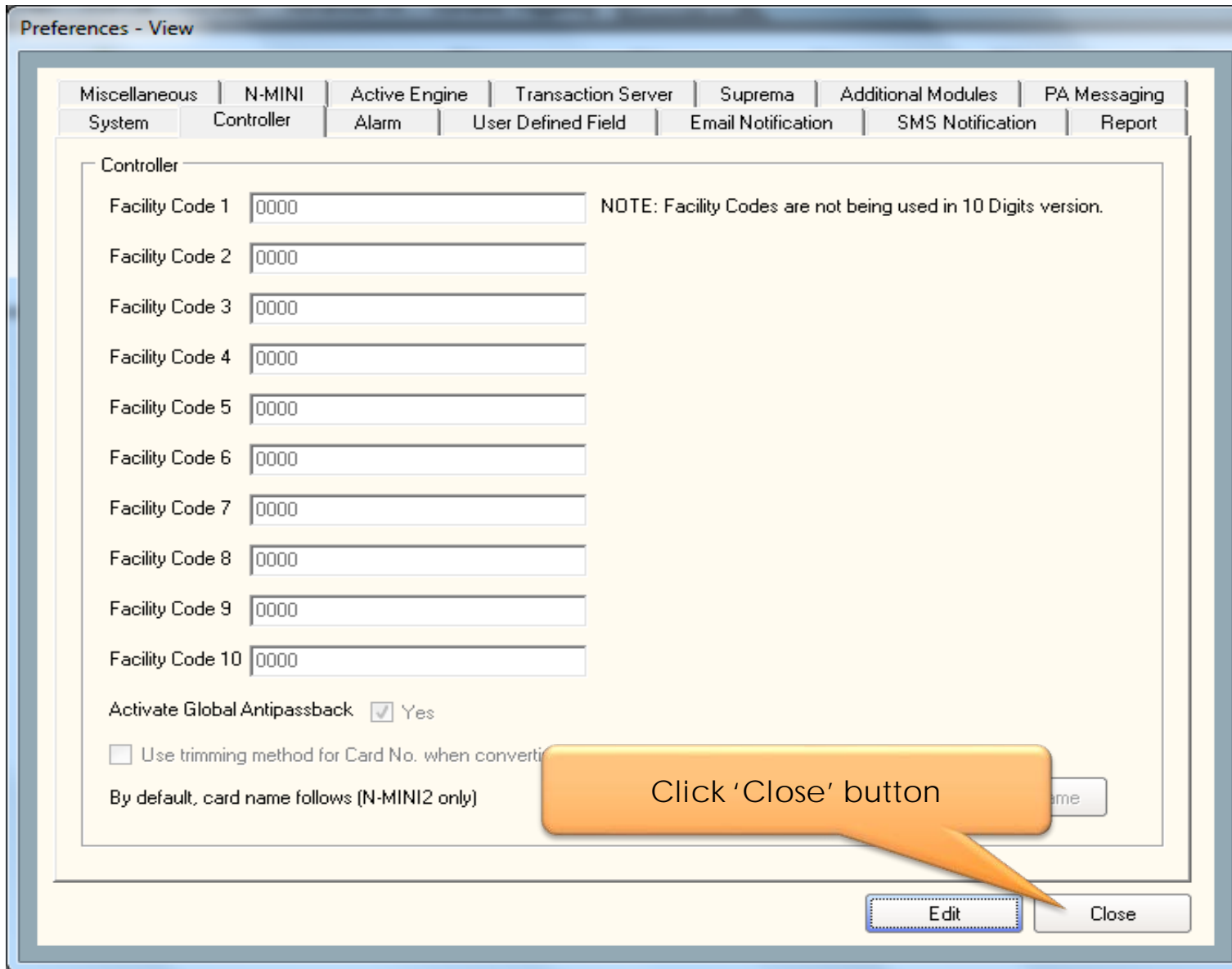
**Notes:** Before proceed to this step, please make sure you've already assigned global antipassback group to all the necessary controllers.









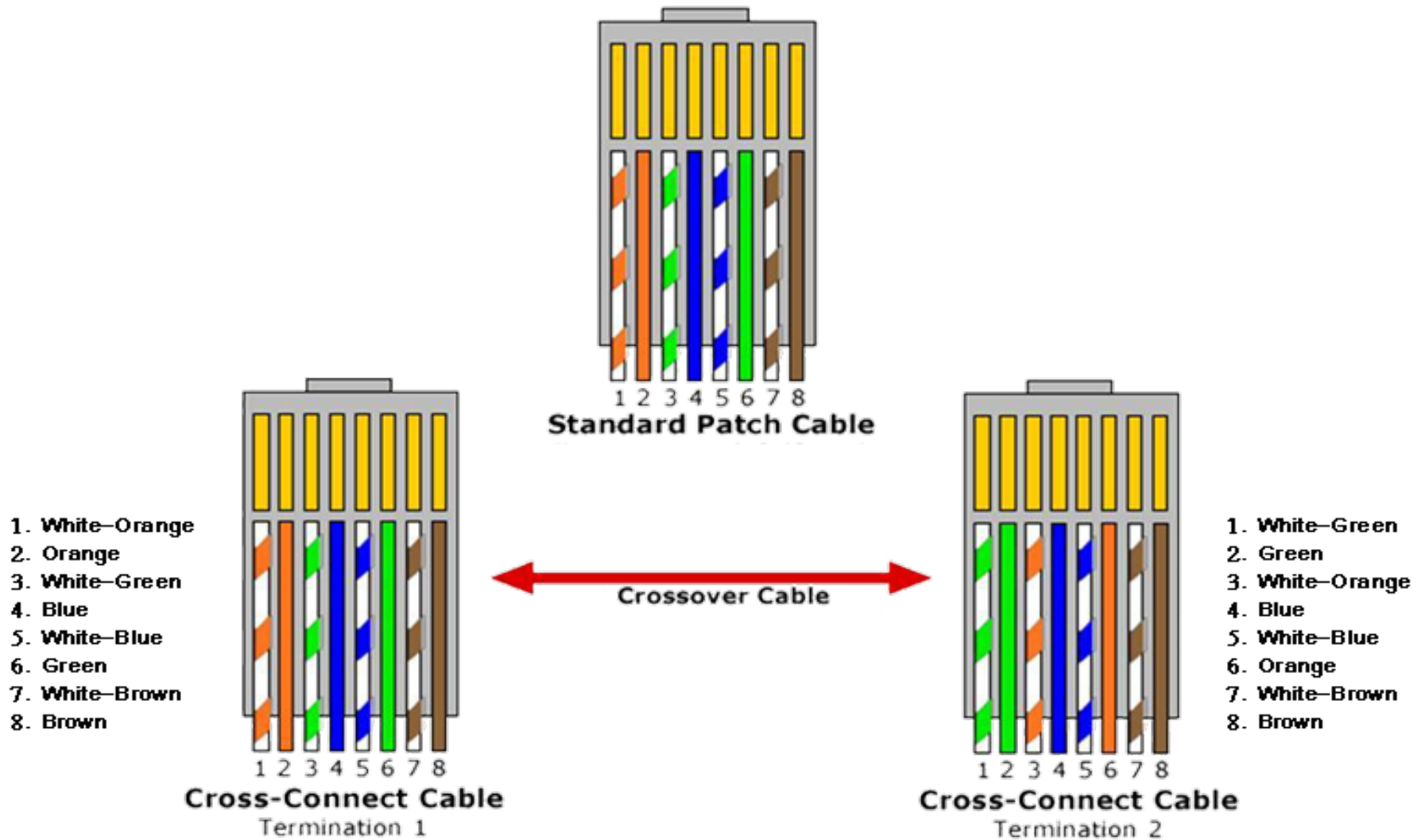




# APPENDIX



# Appendix A: Network Cable Connection



## Appendix B: Dip Switch Addressing Table




Unit Address	Software address field
1	255.255.255.1
2	255.255.255.2
3	255.255.255.3
4	255.255.255.4
5	255.255.255.5
6	255.255.255.6
7	255.255.255.7
8	255.255.255.8

Unit Address	Software address field
9	255.255.255.9
10	255.255.255.10
11	255.255.255.11
12	255.255.255.12
13	255.255.255.13
14	255.255.255.14
15	255.255.255.15
16	255.255.255.16

**Notes:** Applicable for HCB serial board only

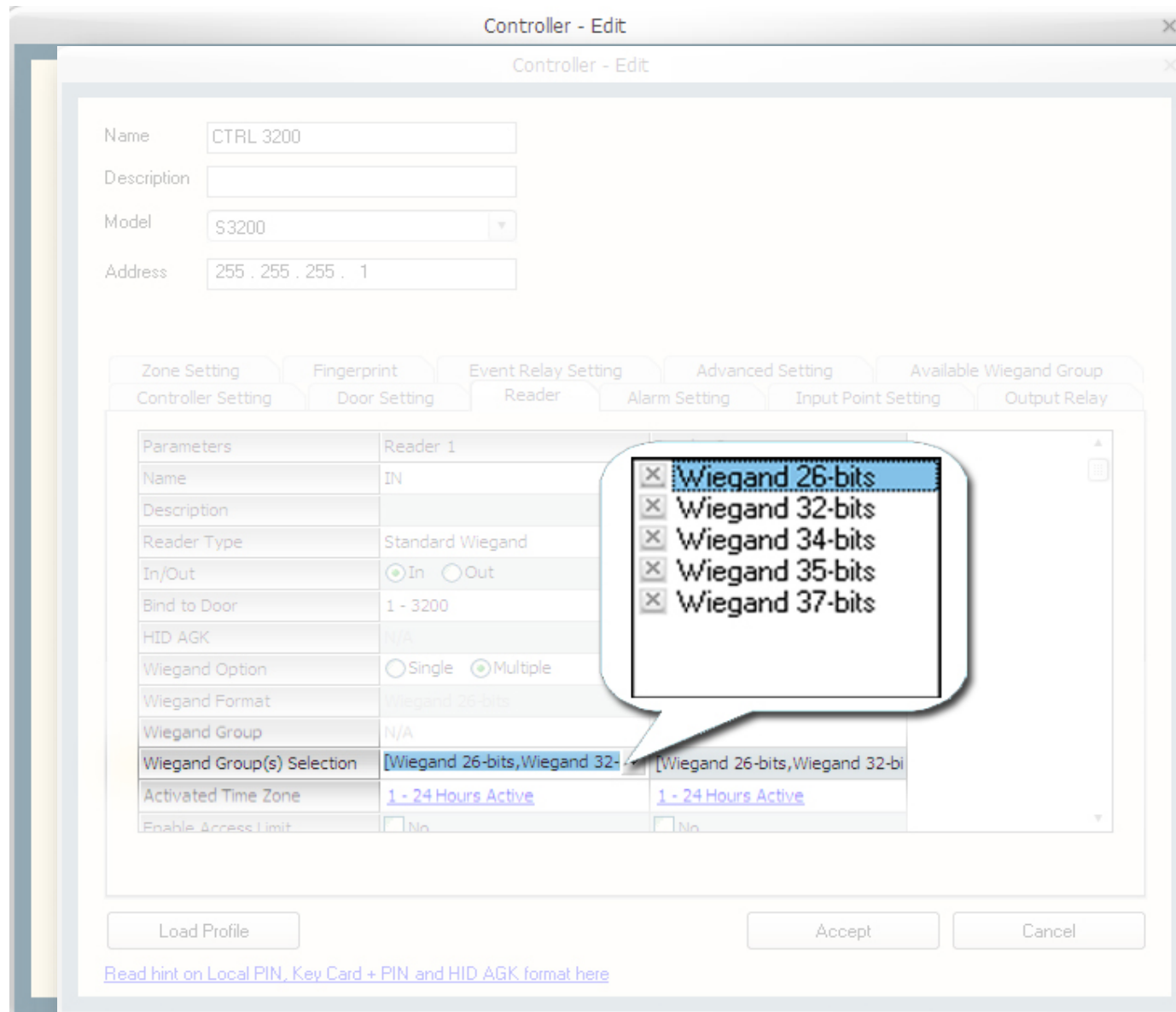


## Appendix C: Troubleshooting

1. No available **Hardware** display on 'New controller Found' Windows.
  - Kindly check the connectivity between **Server** and **Hardware**. (Use Windows **PING** command to check;
  - Check the network cable whether have misplace cable in RJ45 connector;
  - Ensure the firewall is turn off. 
2. Network **Hardware** status down after sending all the network parameter:
  - Go to 'Preferences → Active Engine' to check your Active Engine and P1 Server IP. (Please refer to page 54);
  - Double check the network parameter on web-base Device Server Manager. 
3. Serial **Hardware** status down after sending all the parameter:
  - Kindly check the communication port for **Server**;
  - Ensure the dip-switch configuration on the **Hardware** is matching with **Hardware** unit address on software site;
  - The connectivity cable from **Hardware** to RS485 convertor ;
  - The healthy for the RS485 convertor. 

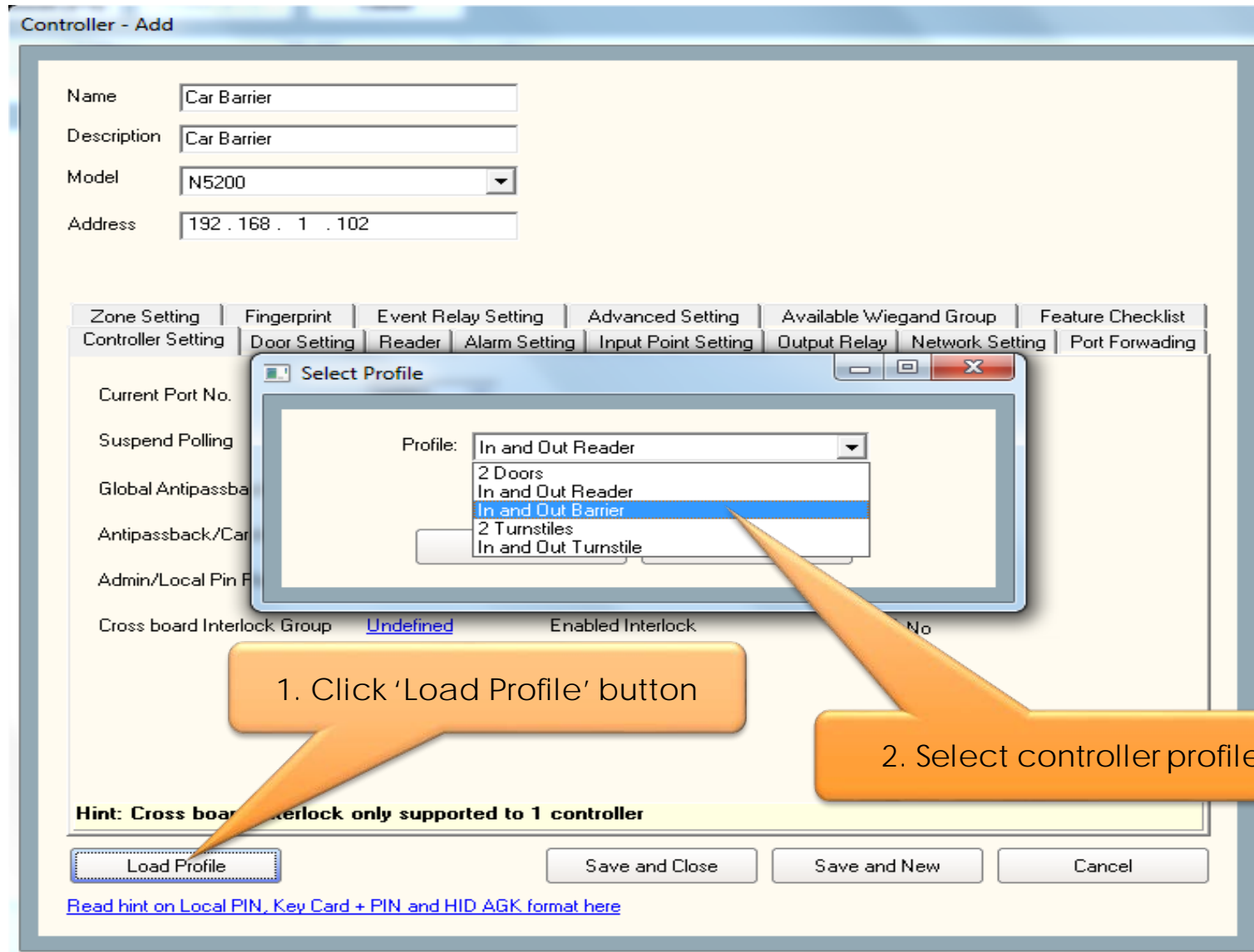


# Appendix D: Wiegand Group Selection



# Appendix E: Car Park Barrier Setting

## Step 1. Load Profile: In and Out Barrier



# Appendix E: Car Park Barrier Setting

## Step 2. Lock release time: 2 seconds

Controller - Add

Name: Car Barrier  
Description: Car Barrier  
Model: N5200  
Address: 192 . 168 . 1 . 102

Output Relay	Network Setting	Port Forwarding	Zone Setting	Fingerprint
Event Relay Setting	Advanced Setting	Available Wiegand Group	Feature Checklist	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Barrier 1	Barrier 2
Name	Entry Barrier	Exit Barrier
Description	Entry Barrier	Exit Barrier
Lock release time (sec)	2	2
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	<input type="checkbox"/> No	<input type="checkbox"/> No

Set to 2 second

Load Profile Save and Close Save and New Cancel

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



# Appendix F: Suprema Setting

Step 1. Preference → Suprema → Reader Type

The screenshot shows the 'Preferences - Edit' window with the 'Suprema' tab selected. The 'Reader Type' section is highlighted with a red box. It contains three radio button options: 'Template On Card (Mifare Only)' (selected), 'Proximity (10D, Wiegand 26-bits)', and 'CSN (10D, Wiegand 32-bits, Mifare Only)'. Below this section, there is a 'Notes' field and 'Accept' and 'Cancel' buttons at the bottom right.

System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | Report  
Miscellaneous | 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	<input type="checkbox"/> No
Template 02	<input type="checkbox"/> No

Enroll Delete

**Reader Type**  
 Template On Card (Mifare Only)  Proximity (10D, Wiegand 26-bits)  CSN (10D, Wiegand 32-bits, Mifare Only)

**Notes:** To change 'Reader Type', card database must be empty

Accept Cancel





# Appendix F: Suprema Setting

Step 2. Controller → Fingerprint → Device ID

Controller - Edit

Name: MAIN DOOR  
Description: MAIN DOOR  
Model: N5200  
Address: 192.168.1.100

Controller Setting | Door Setting | Reader | Alarm Setting | Input Point Setting | Output Relay | Network Setting  
Port Forwarding | Zone Setting | Fingerprint | Event Relay Setting | Advanced Setting | Available Wiegand Group

Parameters	Device 1	Device 2
Use Fingerprint	<input type="checkbox"/> No	<input type="checkbox"/> No
FP Device ID	0	0

**Notes:** You can find 'FP Device ID' at the back of Suprema device. It is 9 digits number

Load Profile | Accept | Cancel

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



# Appendix F: Suprema Setting

Step 3. Controller → Reader → Reader Type: Suprema

Controller - Edit

Name: MAIN DOOR  
Description: MAIN DOOR  
Model: N5200  
Address: 192.168.1.100

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

Parameters	Reader 1	Reader 2
Name	R1	R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	Standard Wiegand HID Integrated Keypad Rosslare Integrated Keypad	<input type="radio"/> In <input checked="" type="radio"/> Out
Bind to Door		1 - MAIN DOOR
HID AGK	Suprema HID Proximity	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single <input checked="" type="radio"/> 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	<a href="#">1 - 24 Hours Active</a>	<a href="#">1 - 24 Hours Active</a>
Enable Access Limit	<input type="checkbox"/> No	<input type="checkbox"/> No

Load Profile Accept Cancel

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



# Appendix G: Enroll Fingerprint

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	<input checked="" type="checkbox"/> No
Template 02	<input type="checkbox"/> No

Enroll Delete

Notes: Please enter card number under 'Card Data' even you're using 'Fingerprint' only

Last Modified Date: -

Export staff's record

Save and Close Save and New Cancel

1. Click 'Fingerprint' tab

2. Select template '01'

3. Click 'Enroll' button

**Notes:** Please enter card number and access right under 'Card Data' tab even you're using 'Fingerprint' only



# Appendix H: L3800 Controller Wiegand Format Setting

The screenshot shows the 'Controller - Add' configuration window. The 'Name' and 'Description' fields are set to 'LIFT CAR'. The 'Model' is set to 'L3800' and the 'Address' is '255 . 255 . 255 . 1'. The 'Lift Reader' tab is selected, showing a table with columns for 'Parameters', 'Reader 1', 'Reader 2', and 'Reader 3'. The 'Wiegand Format' dropdown for Reader 1 is open, showing options: 'Wiegand 26-bits', 'Wiegand 32-bits', 'Wiegand 34-bits', 'Wiegand 35-bits', 'Wiegand 37-bits', and 'Custom'. The 'Wiegand 26-bits' option is highlighted. The 'Activated Time Zone' for Reader 2 and Reader 3 is set to '1 - 24 Hours Active'. Buttons for 'Save and Close', 'Save and New', and 'Cancel' are at the bottom. A link for 'Read hint on Local PIN, Key Card + PIN and HID AGK format here' is also present.

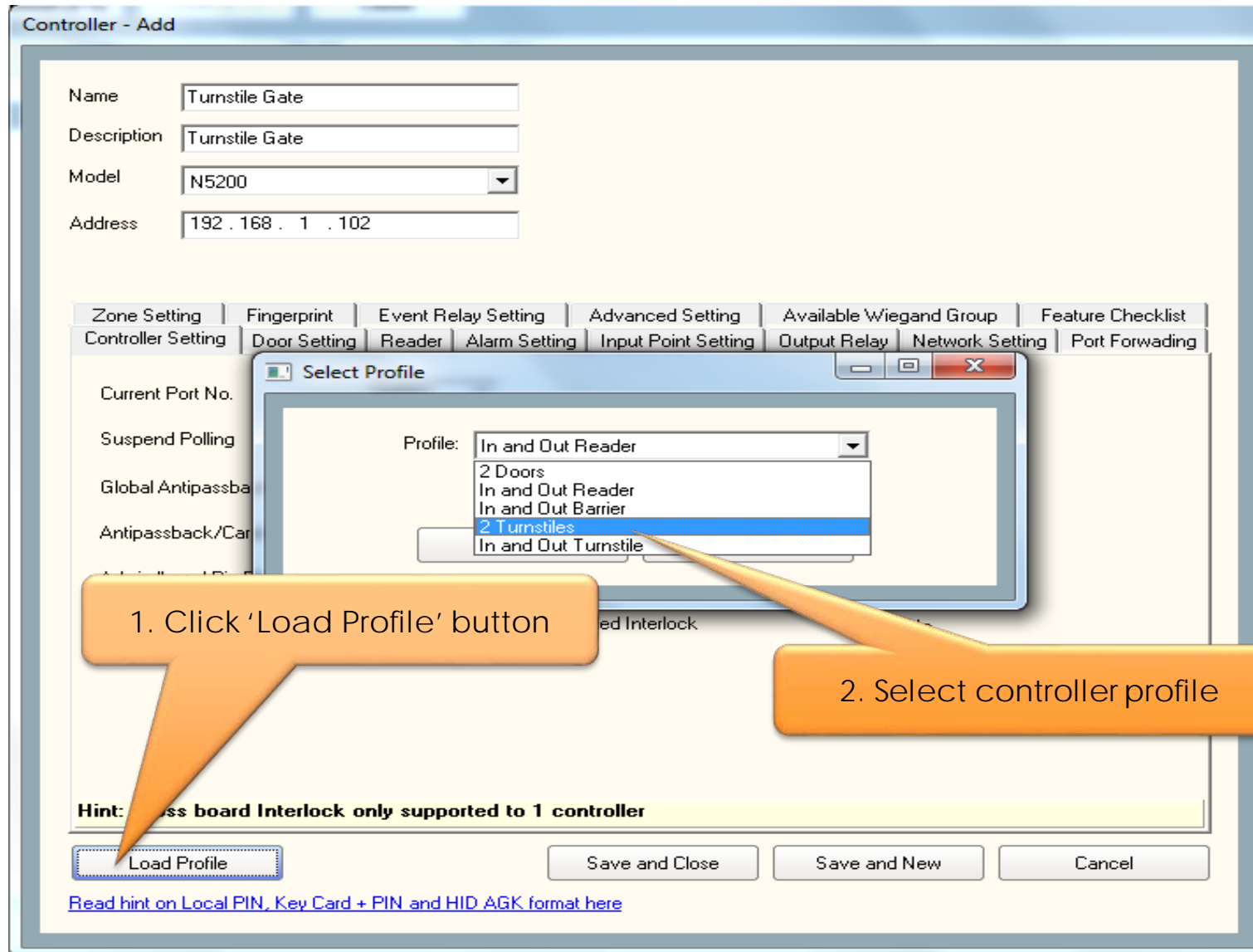
Parameters	Reader 1	Reader 2	Reader 3
Enable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No
Name			
Description			
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand
Wiegand Option	<input checked="" type="radio"/> Single <input type="radio"/> Multiple	<input checked="" type="radio"/> Single <input type="radio"/> Multiple	<input checked="" type="radio"/> Single <input type="radio"/> Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	Wiegand 26-bits	N/A	N/A
Wiegand Group(s) Selection	Wiegand 32-bits Wiegand 34-bits Wiegand 35-bits Wiegand 37-bits Custom		
Activated Time Zone		<a href="#">1 - 24 Hours Active</a>	<a href="#">1 - 24 Hours Active</a>

**Notes:** Please choose Wiegand 26 bits for Proximity format & Wiegand 32 bits for Mifare format



# Appendix I: Turnstile Setting

## Step 1. Load Profile: 2 Turnstiles



# Appendix I: Turnstile Setting

Step 2. Lock release time: 2 seconds

Controller - Add

Name: Turnstile Gate  
Description: Turnstile Gate  
Model: N5200  
Address: 192 . 168 . 1 . 102

Output Relay	Network Setting	Port Forwarding	Zone Setting	Fingerprint
Event Relay Setting	Advanced Setting	Available Wiegand Group	Feature Checklist	
Controller Setting	Turnstile Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	Entry Turnstile	Exit Turnstile
Description	Entry Turnstile	Exit Turnstile
Lock release time (sec)	2	2
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	
Card + PIN Time Zone	0 - Not Active	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	0 - Not Active
Antipassback Lockout	<input type="checkbox"/> No	<input type="checkbox"/> No

Load Profile      Save and Close      Save and New      Cancel

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

Set to 2 second



THANK YOU

