

ENTRYPASS PLATFORM1 SERVER CONFIGURATION GUIDE

Version: 1.14

Last Updated: 19-10-2017



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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
Email support@entrypass.net



Hardware Introduction



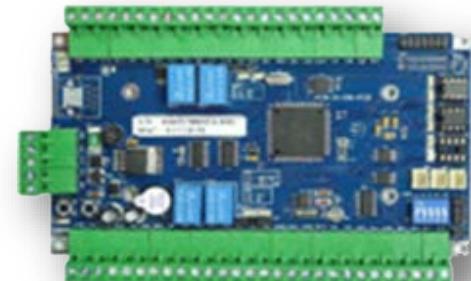
Active Network Control Panel
(N5150)



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)



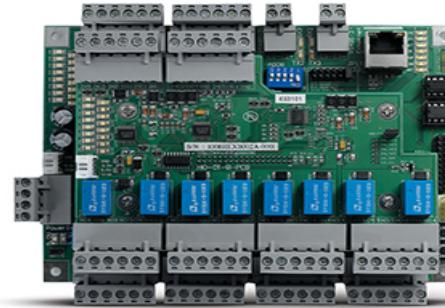
Networked Integrated Reader
Controller (N-MINI 2 – N618, N668)



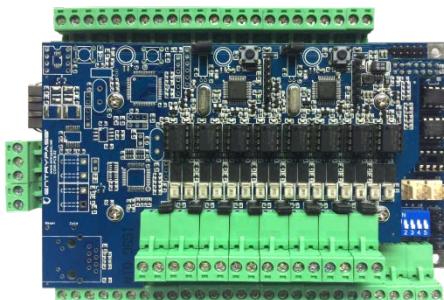
Hardware Introduction



Serial Lift Access Control Panel
(L3800)

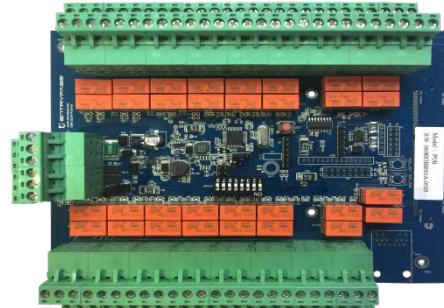


Hybrid Input & Output Control Panel
(HIO)



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](#))



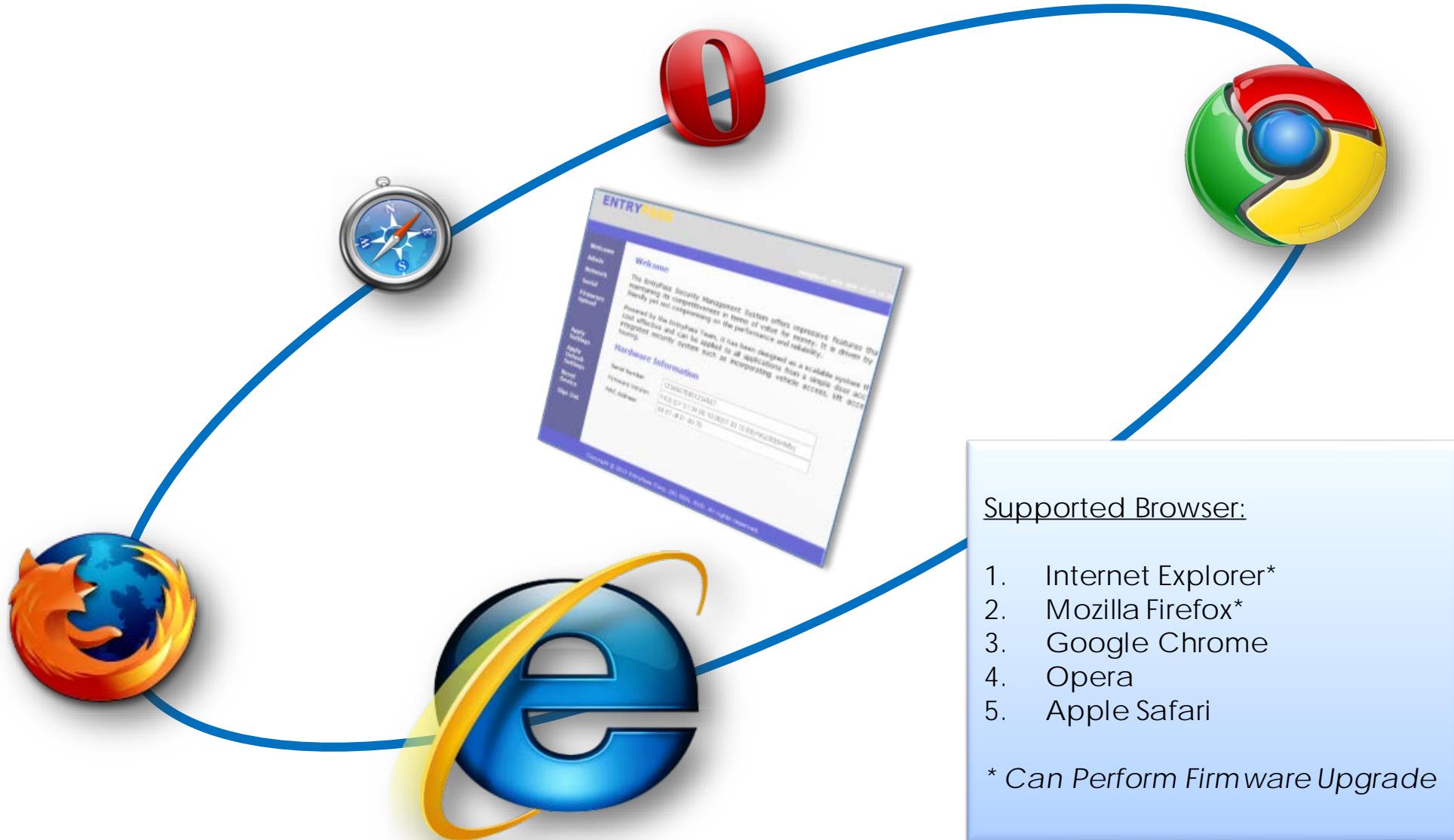
EP Device Server Manager (Web Server Configuration)

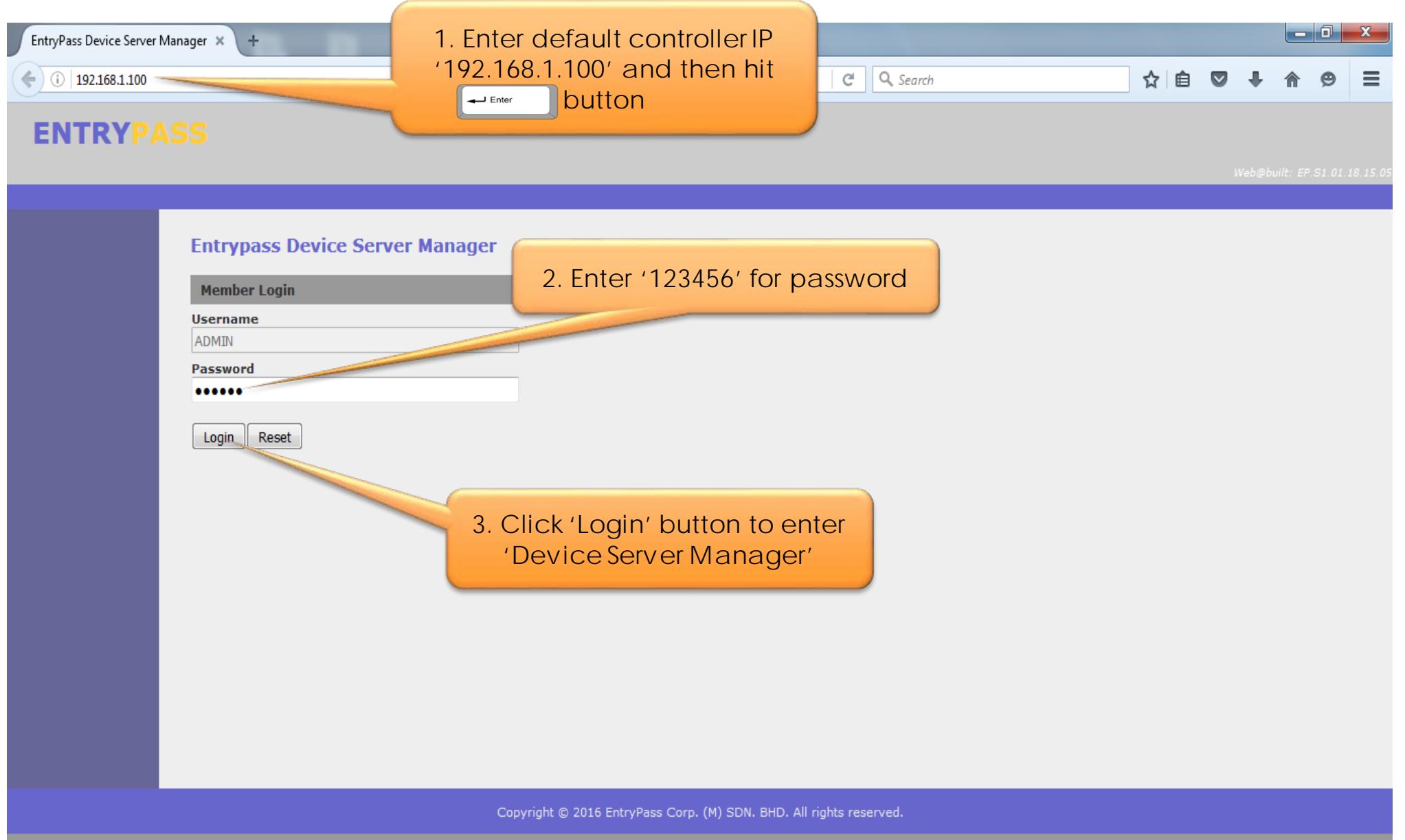


Before Start...

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.







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



EntryPass Device Server Manager +

192.168.1.100/8menu.htm

Search

ENTRPASS

Click 'Network' option

Web@built: EP.S1.01.18.15.05

Welcome

Admin

Network

Serial

Firmware Upload

Apply Settings

Apply Default Settings

Reset Device

Sign Out

Welcome

The Entrypass Security Management System offers impressive features that rivals most international systems while maintaining its competitiveness in terms of value for money. It is driven by our obsession to make it absolutely user friendly yet not compromising on the performance and reliability.

Powered by the Entrypass Team, it has been designed as a scalable system that will grow with your business. It is very cost effective and can be applied to all applications from a simple door access requirement to a fully functional and integrated security system such as incorporating vehicle access, lift access, intrusion monitoring and even guard touring.

Hardware Information

Serial Number	1112RDKB001A-0116
Firmware Version	NMini2.EP.S1.01.18.15.03 -Mifare[64Mb]
MAC Address	88-97-df-10-00-73

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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



EntryPass Device Server Manager +

192.168.1.100

Search

ENTRPASS

Web@built: EP.S1.04.10.14.11

Welcome

Admin

Network

Serial

Firmware Upload

Apply Settings

Apply Default Settings

Reset Device

Sign Out

Network Setting

Network Setting Dynamic DNS 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

1. Enter IP address, Subnet Mask, Gateway IP and Server IP respectively

Save changes

2. Click 'Save Changes' button

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



EntryPass Device Server Manager +

192.168.1.100

Search

ENTRPASS

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

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

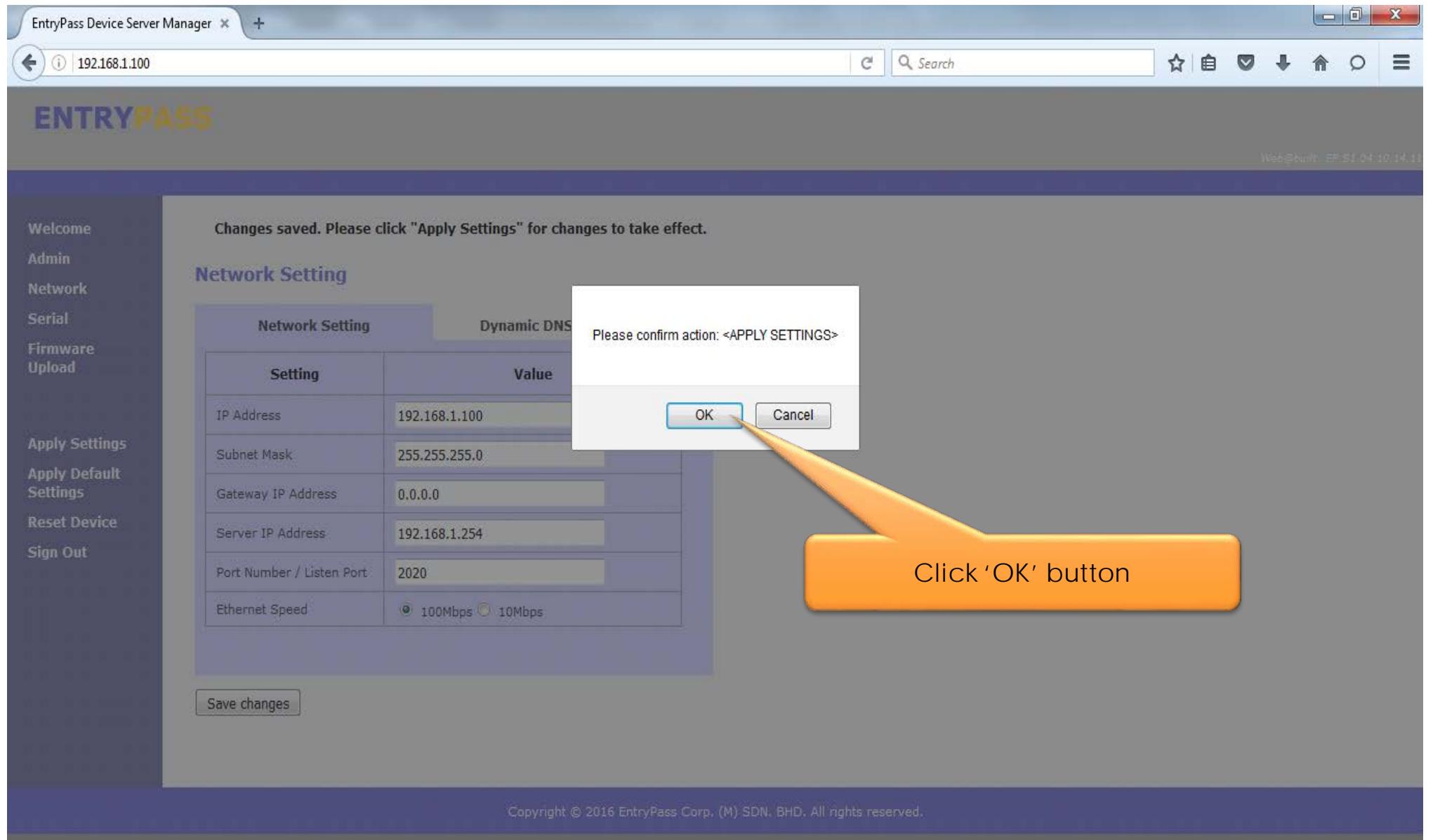
Click 'Apply Settings' button to apply setting to controller

Save changes

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The screenshot shows the 'Network Setting' configuration page. It displays various network parameters such as IP Address, Subnet Mask, Gateway IP Address, Server IP Address, Port Number, and Ethernet Speed. A callout bubble with an orange arrow points from the left towards the 'Apply Settings' button, which is located at the bottom of the form. The bubble contains the text 'Click 'Apply Settings' button to apply setting to controller'. The main message 'Changes saved. Please click "Apply Settings" for changes to take effect.' is also visible above the form.





EntryPass Device Server Manager +

192.168.1.100

Search

ENTRPASS

Web@built: EP.S1.04.10.14.11

Please Wait ...

Please wait while the configuration is being validated...
At the end of the process, the unit will reboot in order to apply new settings.

██████████

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Notes: After applied setting, new network setting will saved into controller (**hardware** will reboot, approximately 5-10 seconds)



EntryPass Device Server Manager +

192.168.1.100

Search

ENTRPASS

Web@built: EP.S1.04.10.14.11

New parameter setting is successfully saved.

Please click [here](#) to login again.

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



Firmware version 4.13 or above



EntryPass Device Server Manager +

192.168.1.100/8menu.htm

Search

ENTRPASS

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

Network Setting Server 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 +

192.168.1.100/8menu.htm

Search

ENTRPASS

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

Network Setting Server 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	Reset
Current Active Server	Node 1

1. Enter Server IP

Save changes

2. Click 'Save Changes' button

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EntryPass Device Server Manager +

192.168.1.100/8menu.htm

Search

ENTRPASS

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 Set

Network Setting SERVER Setting

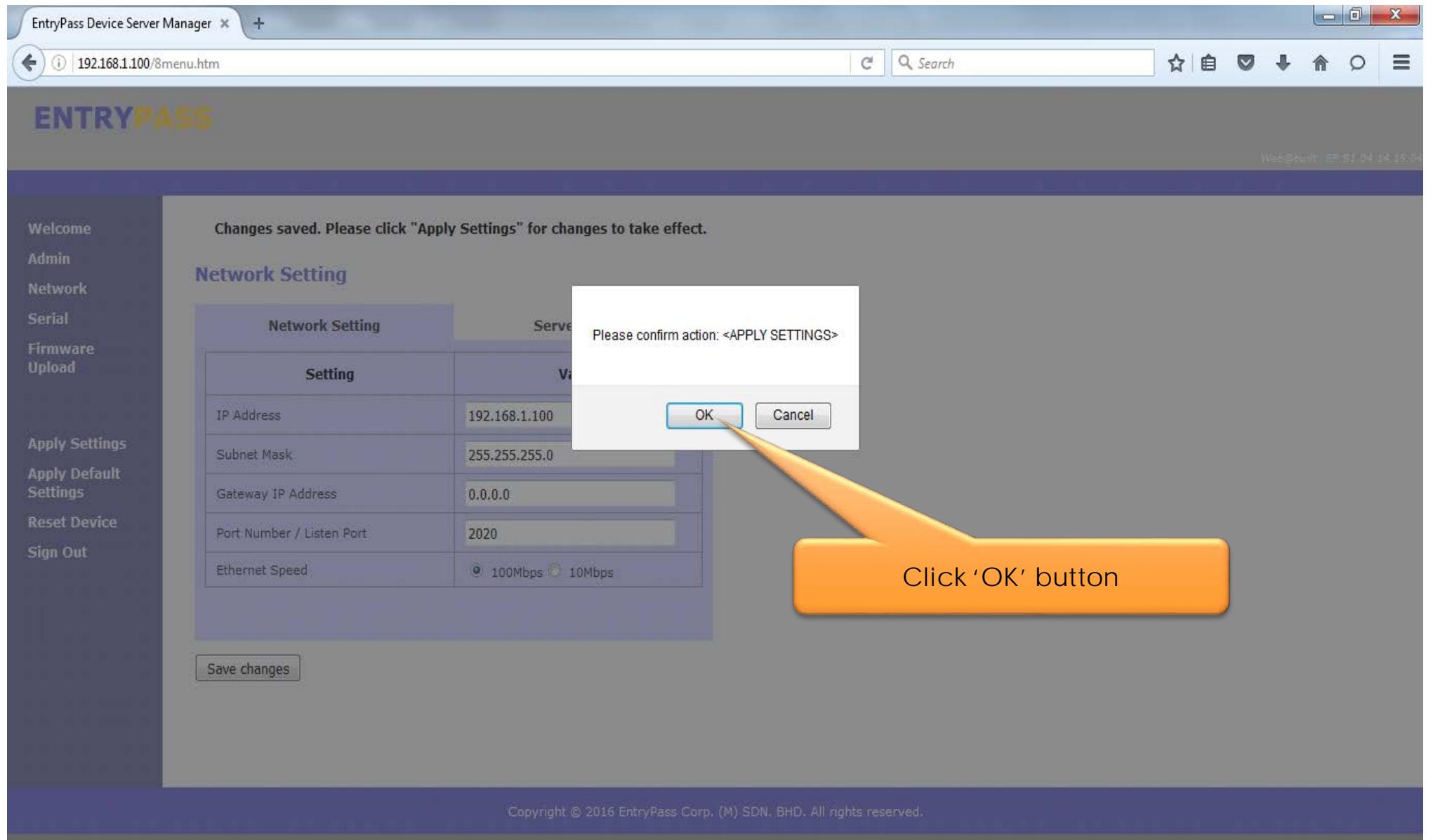
Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

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Click 'Apply Settings' button to apply setting to controller





EntryPass Device Server Manager +

192.168.1.100/8menu.htm

Search

ENTRPASS

Web@built: EP.S1.04.14.15.04

Please Wait ...

Please wait while the configuration is being validated...
At the end of the process, the unit will reboot in order to apply new settings.

██████████

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Notes: After applied setting, new network setting will saved into controller (**hardware** will reboot, approximately 5~10 seconds)



EntryPass Device Server Manager

192.168.1.100/8menu.htm

Search

ENTRYPASS

Web@built: EP.S1.04.14.15.04

New parameter setting is successfully saved.

Please click [here](#) to login again.

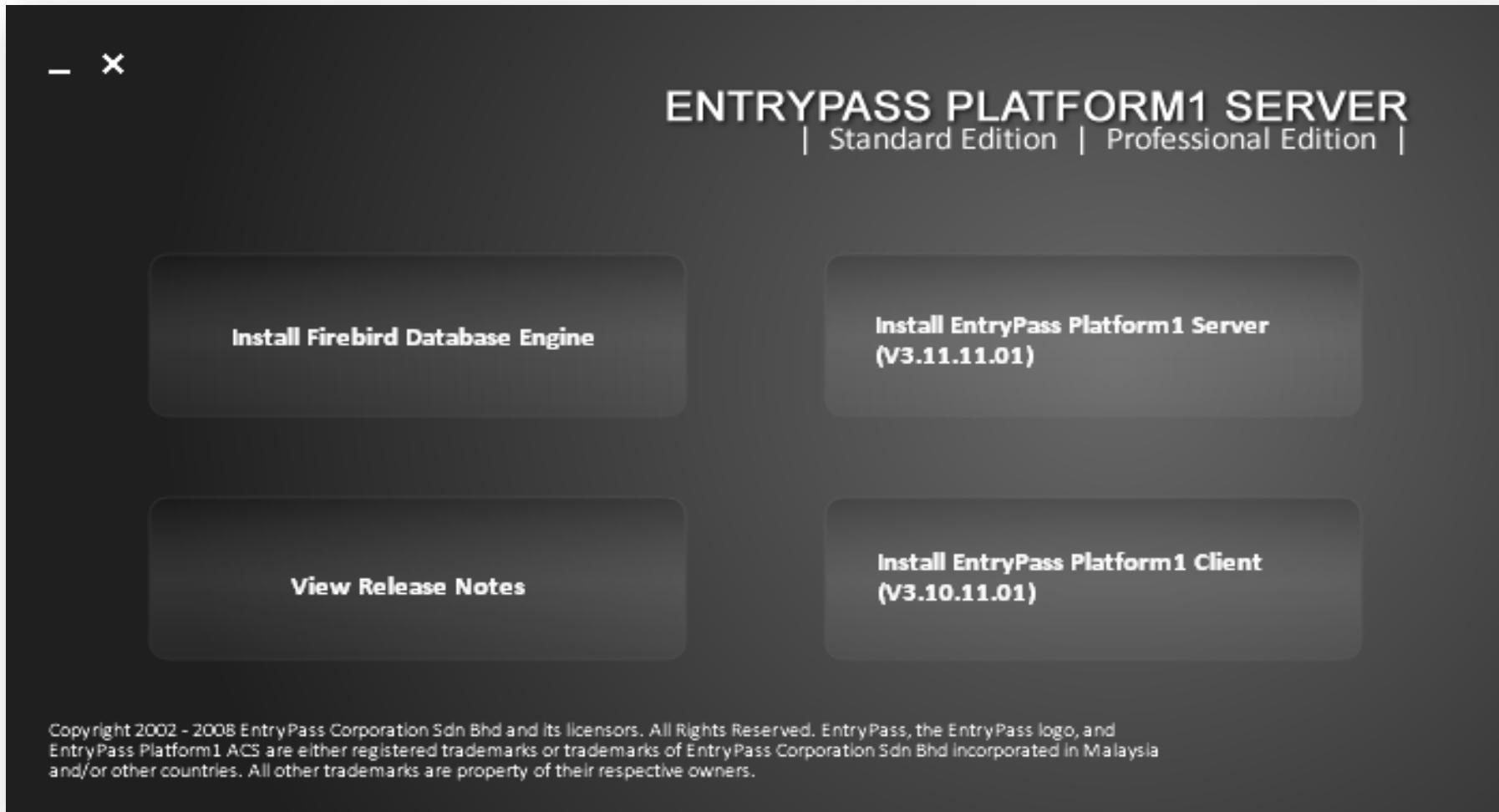
Copyright © 2016 EntryPass Corp. (M) SDN. BHD. All rights reserved.

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



P1 Server Software Installation Guide

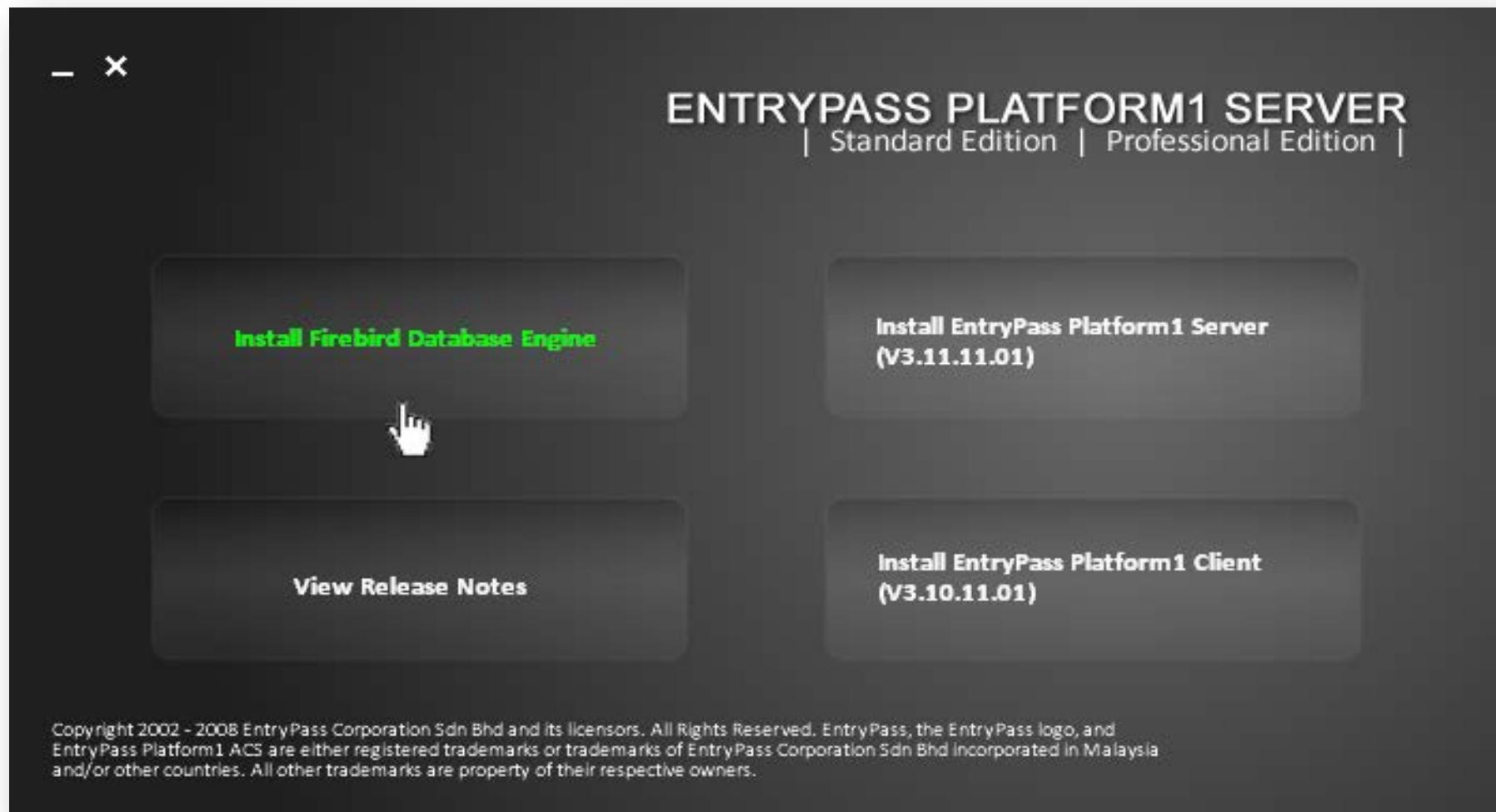




Notes: Insert the P1 Server Software CD. The above screen will appear.

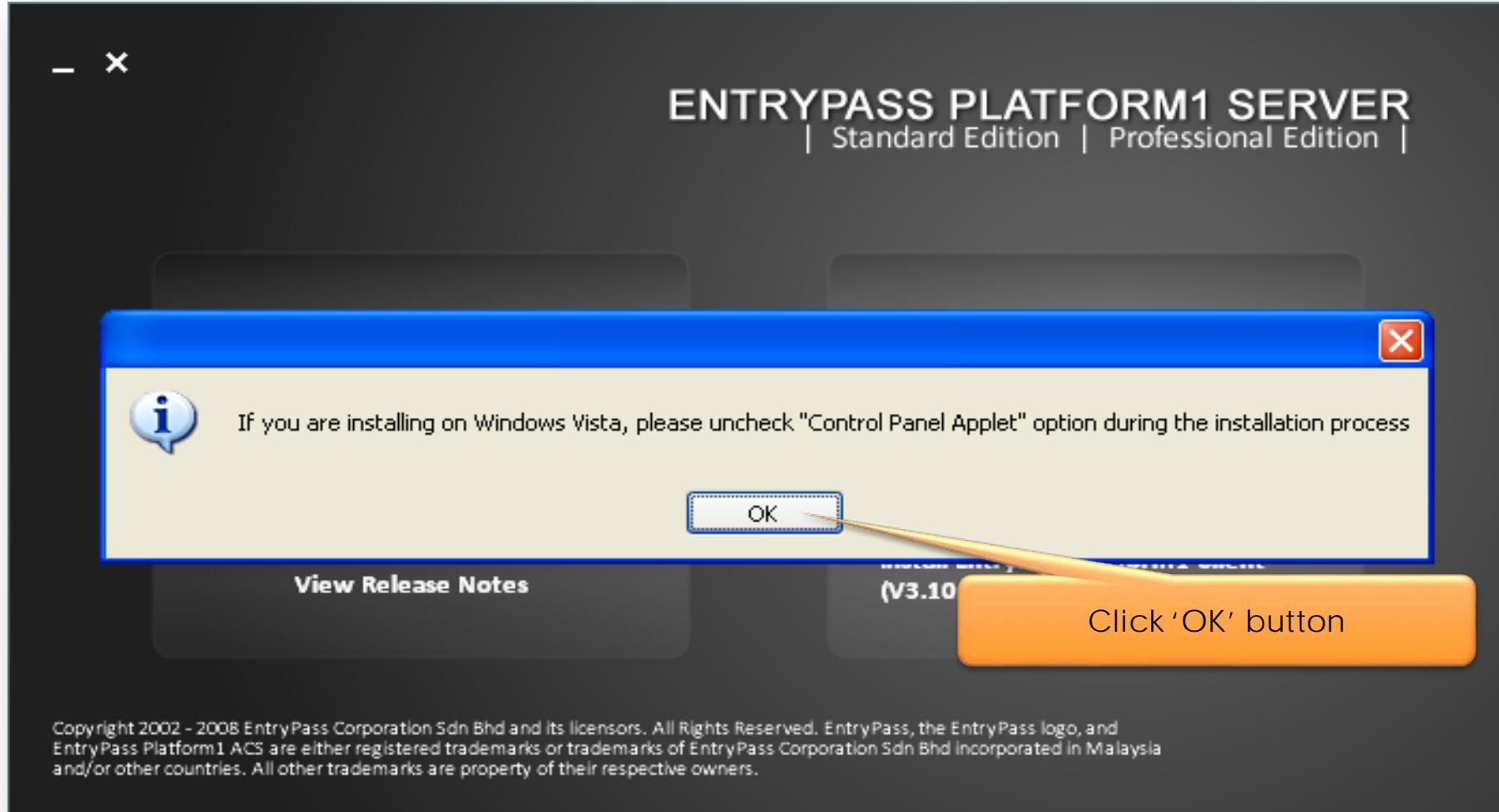


Firebird Setup



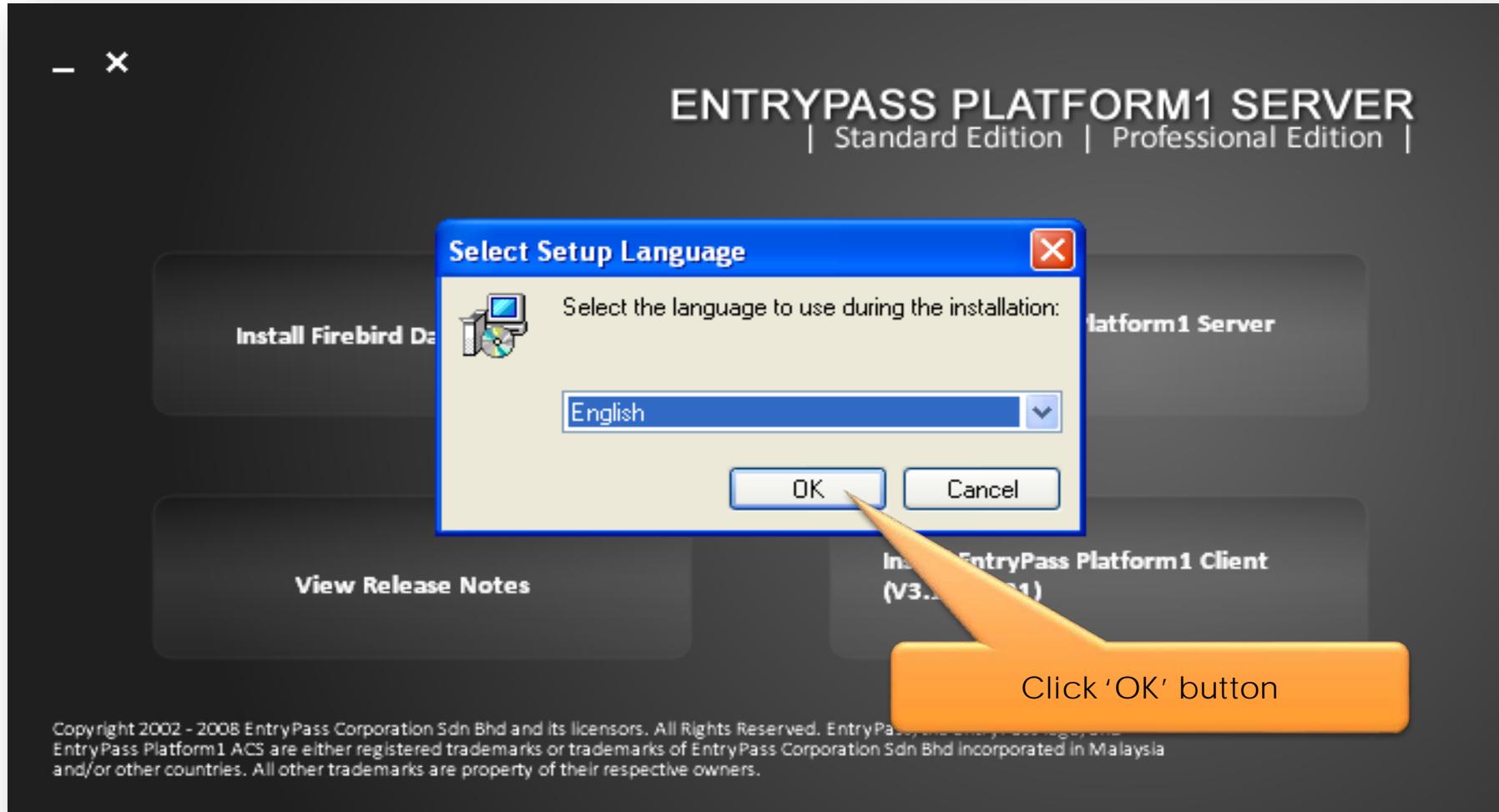
Notes: Click 'Install Firebird Database Engine' button to install Firebird program.



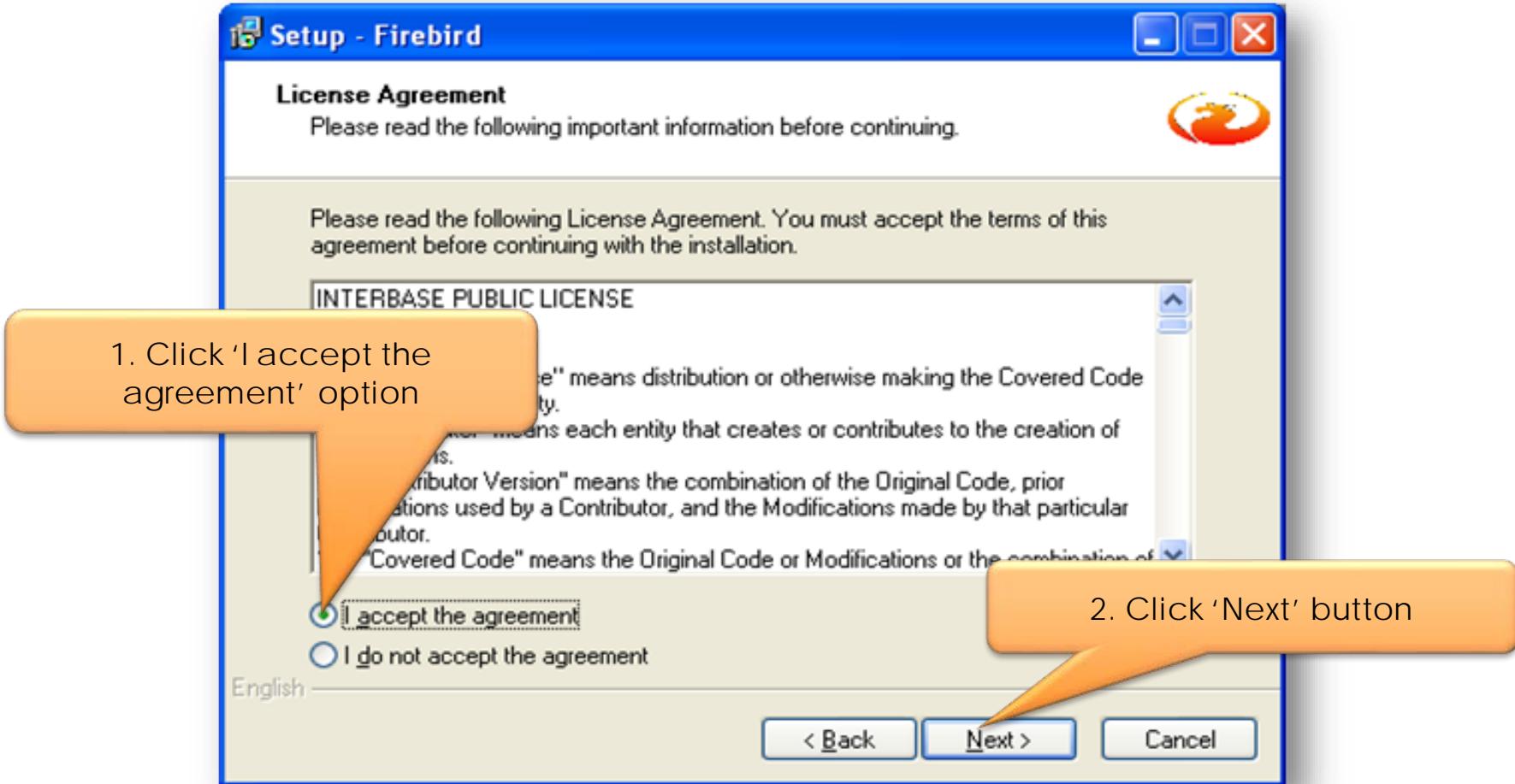


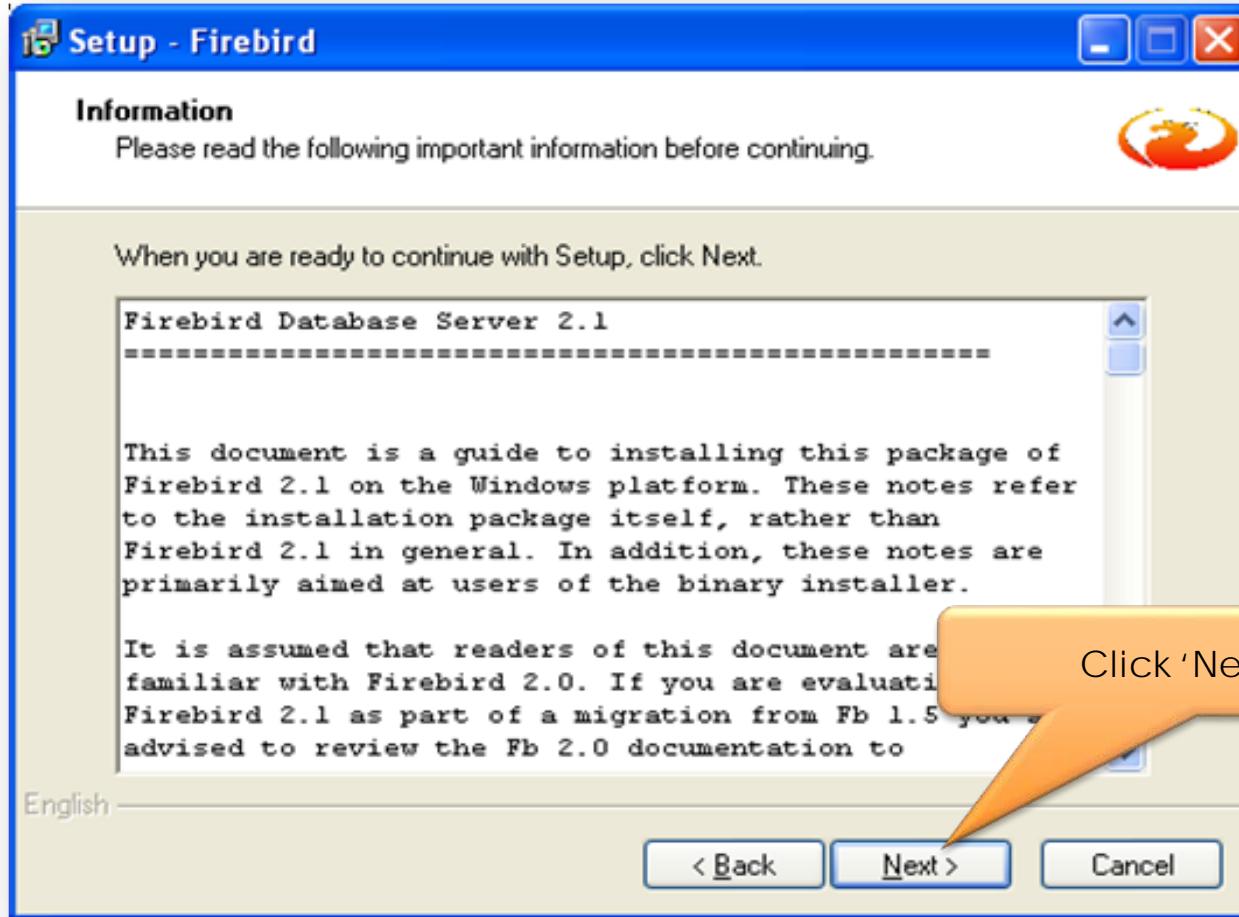
Notes: If you are installing on Window Vista/Win 7, please uncheck 'Control Panel Applet' option during the installation process

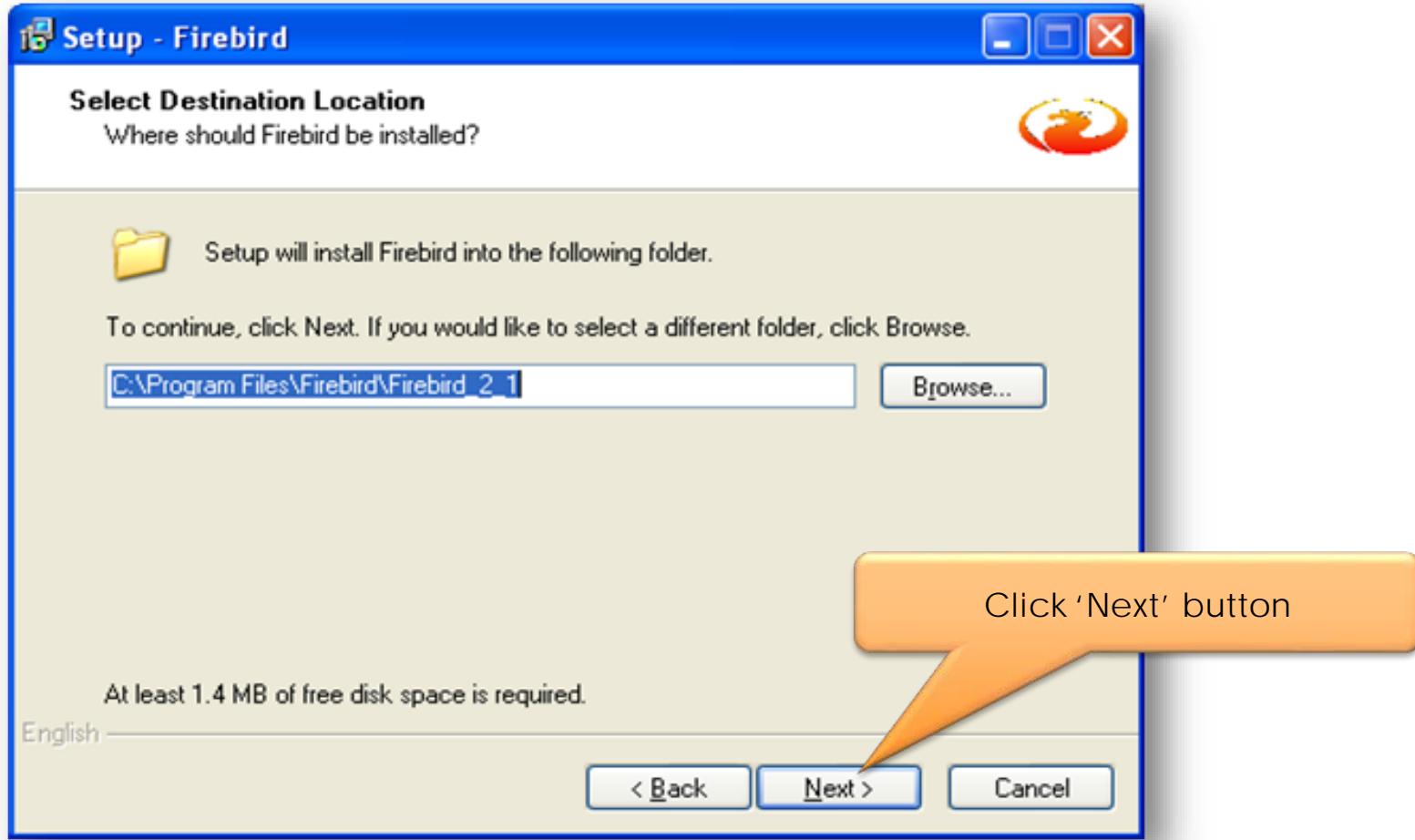


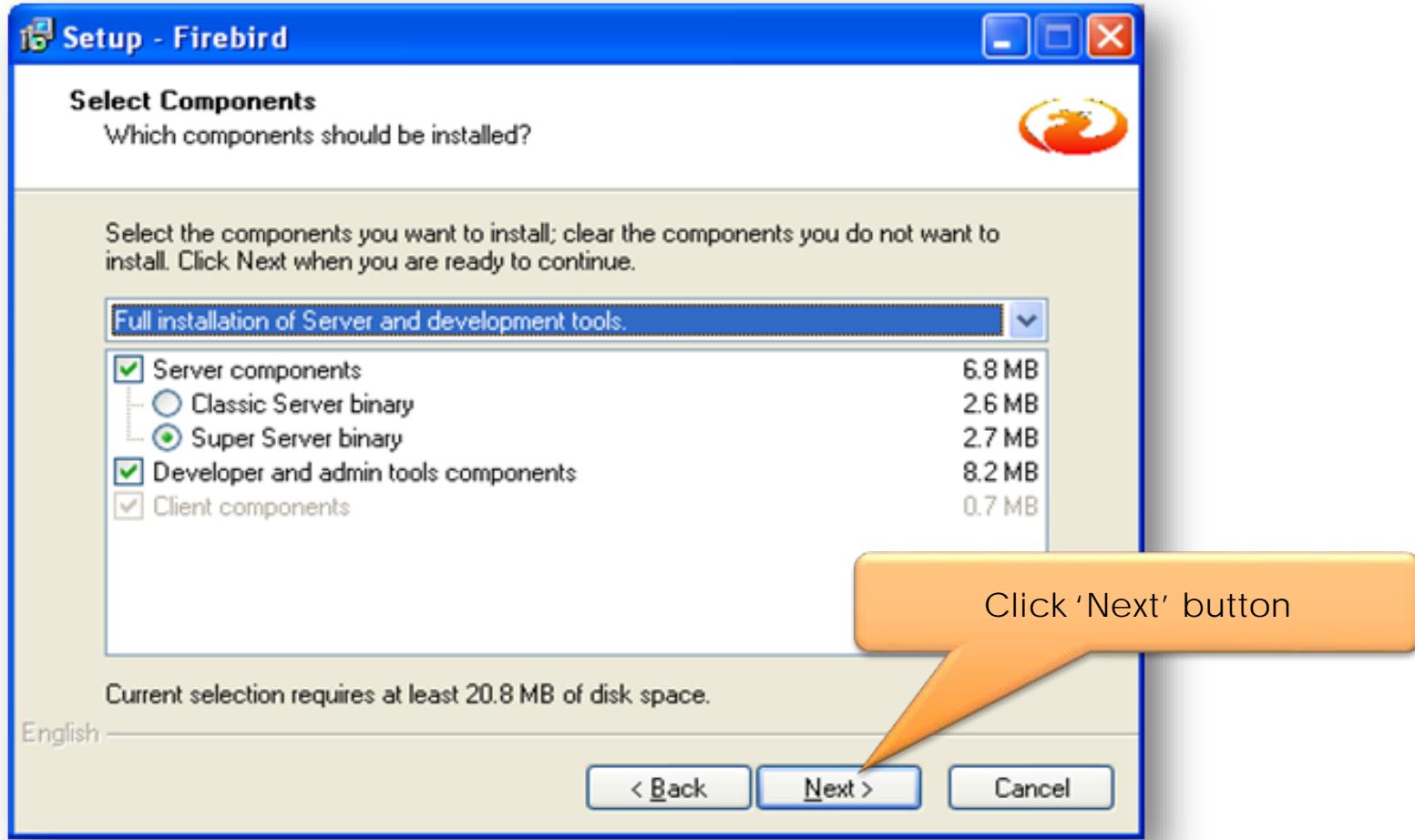


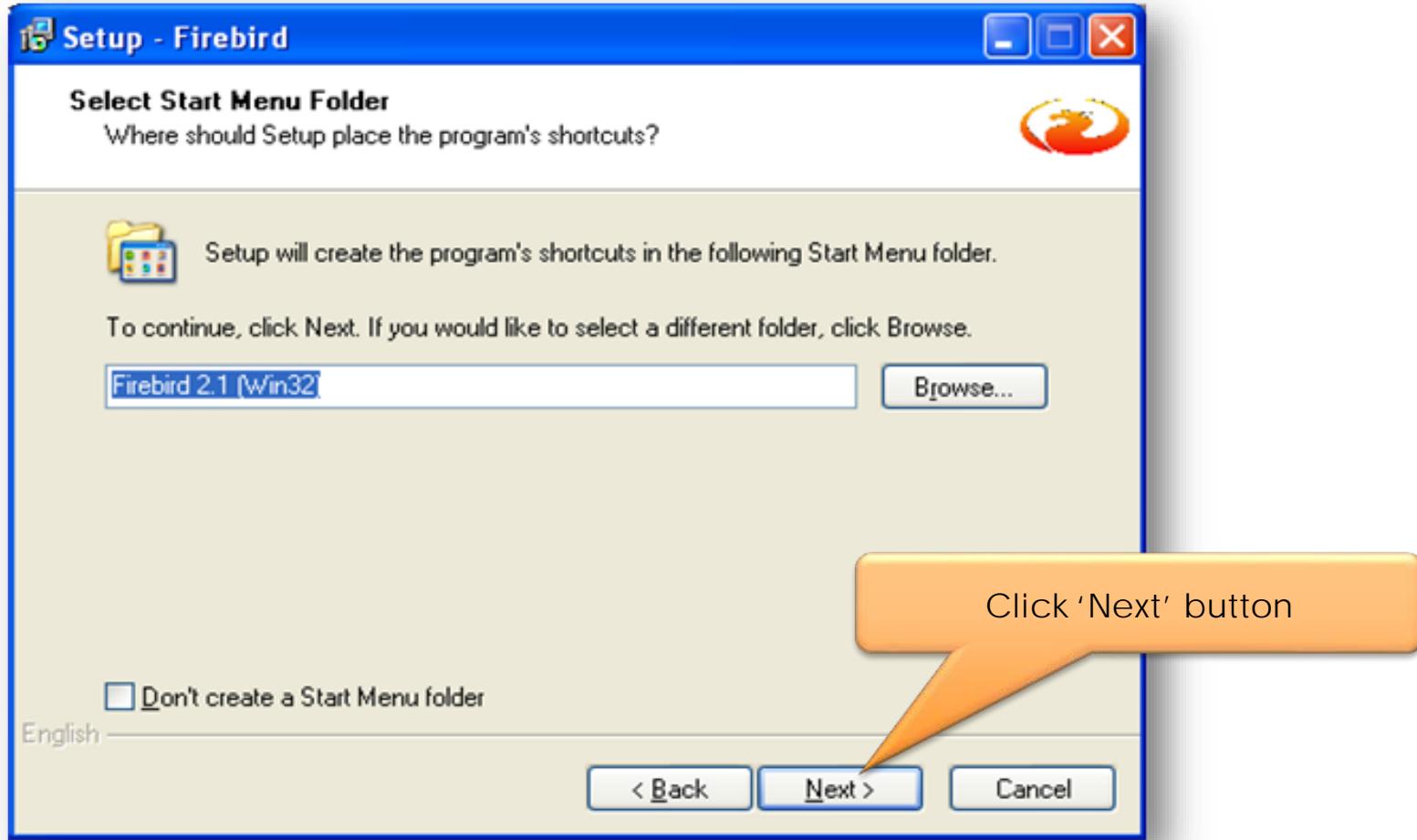


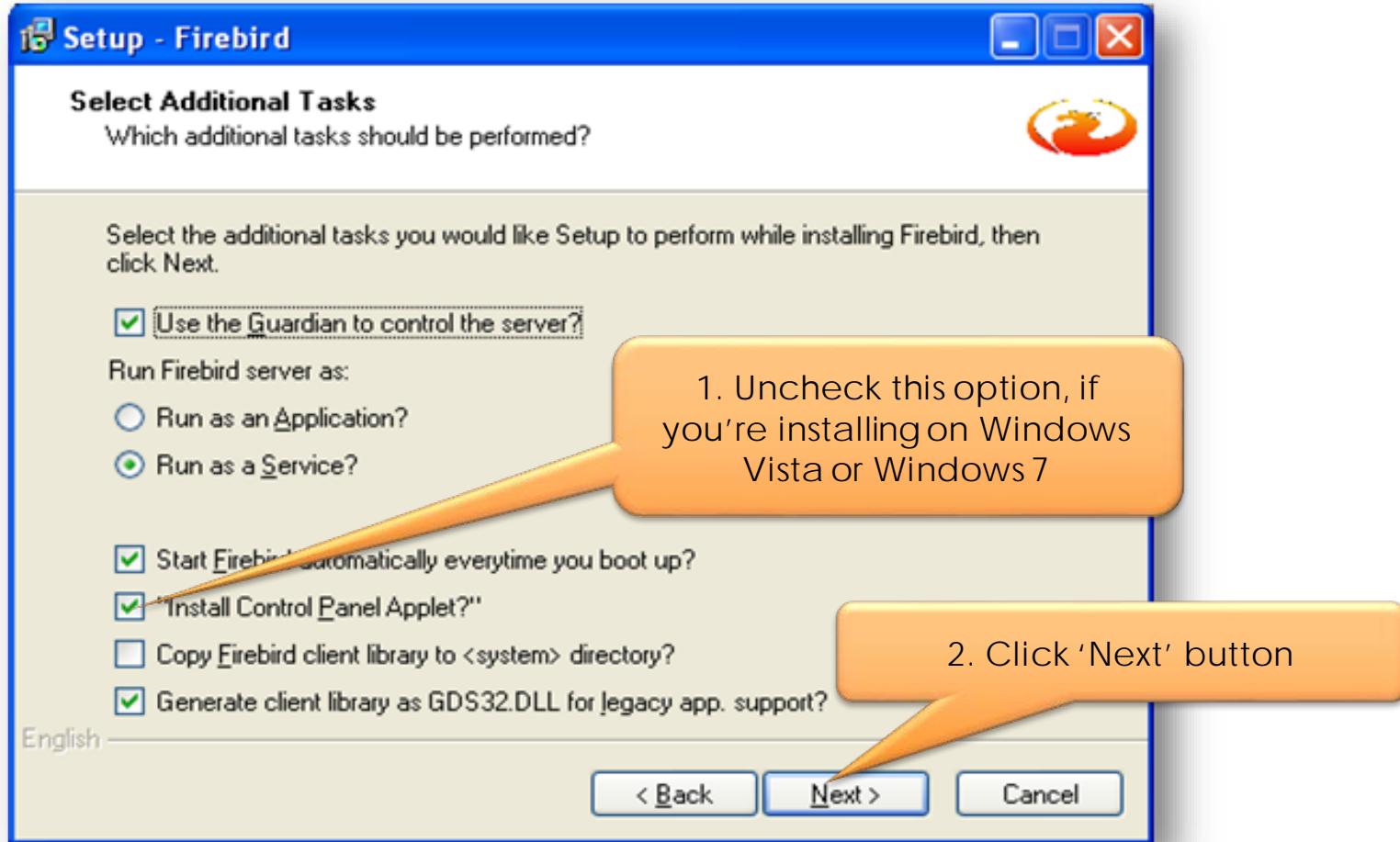


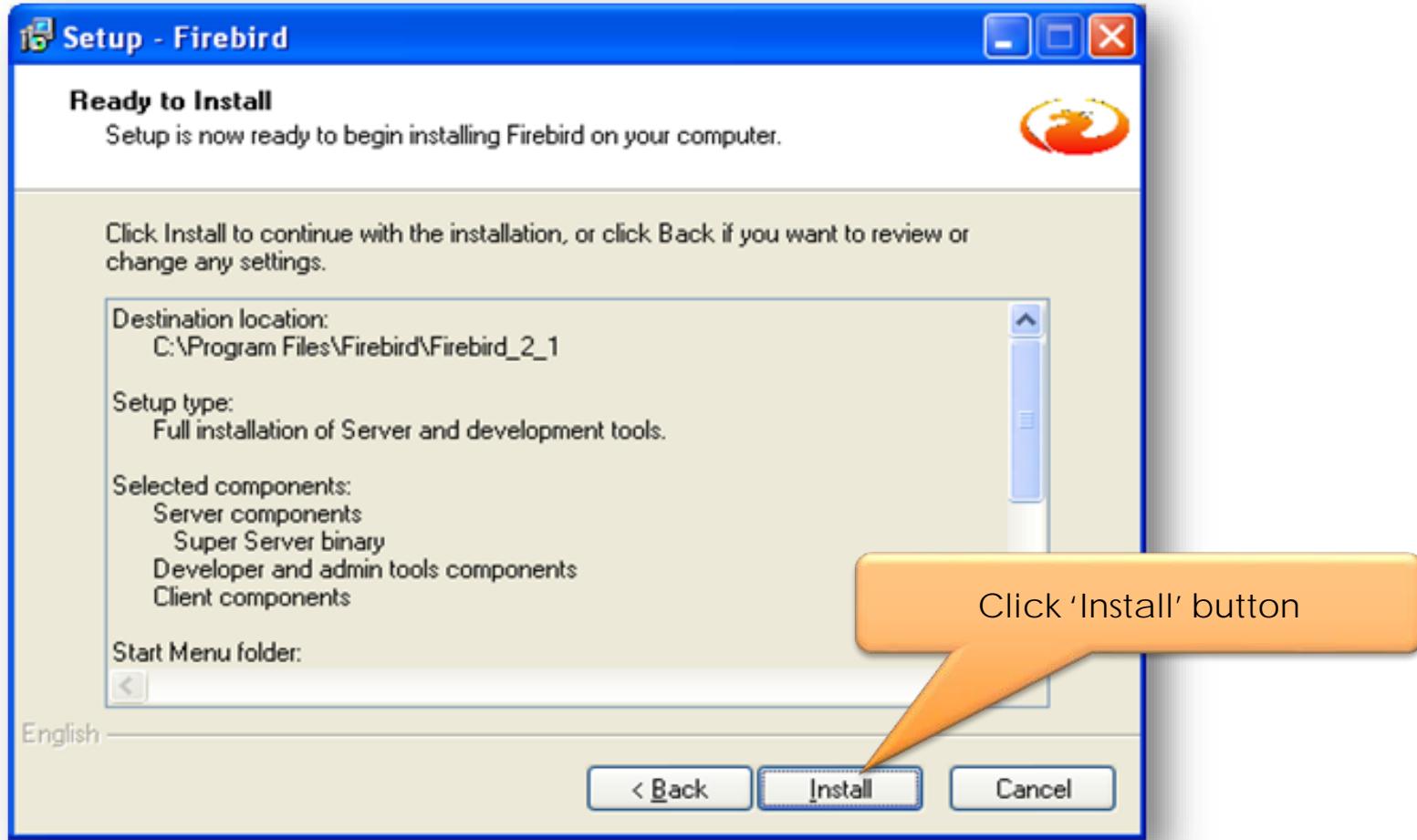


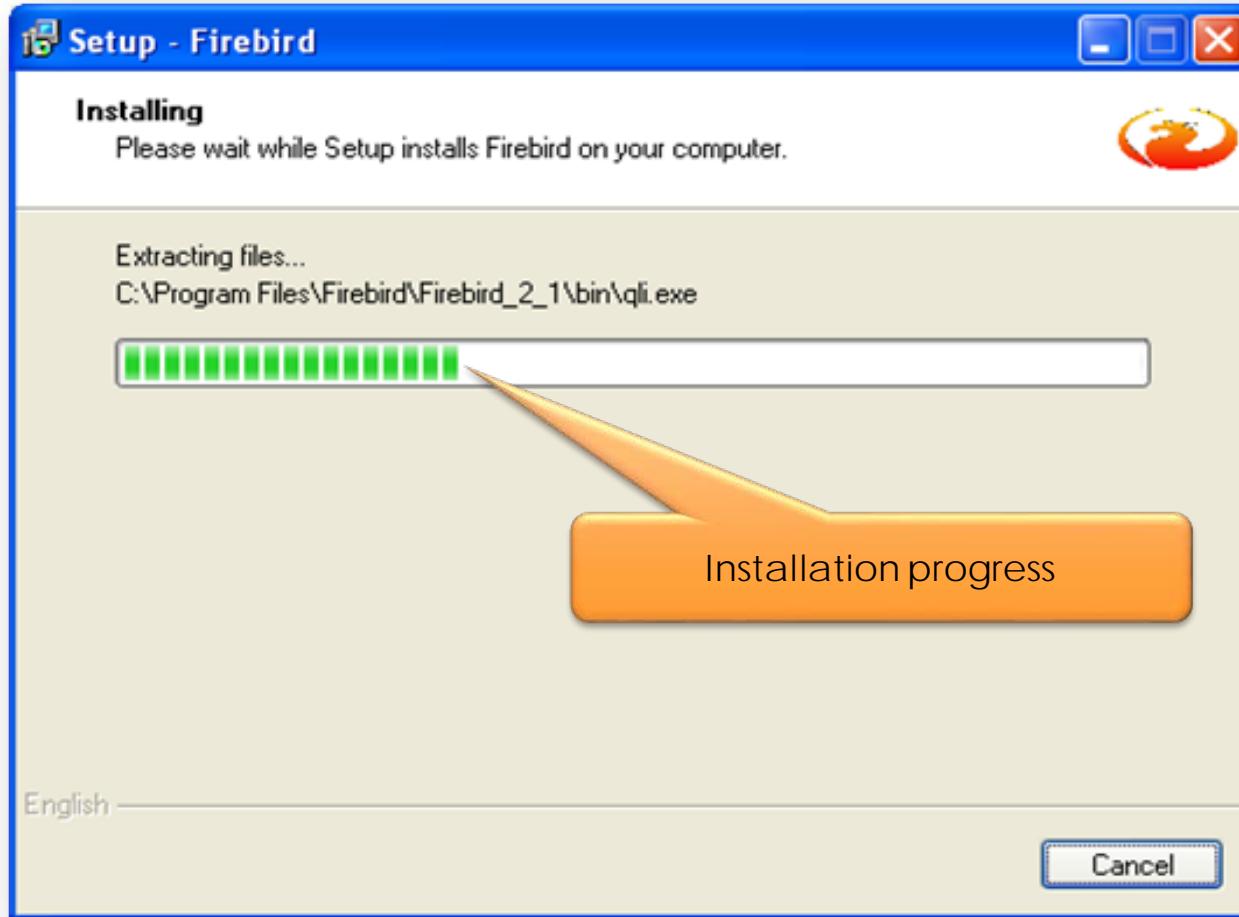


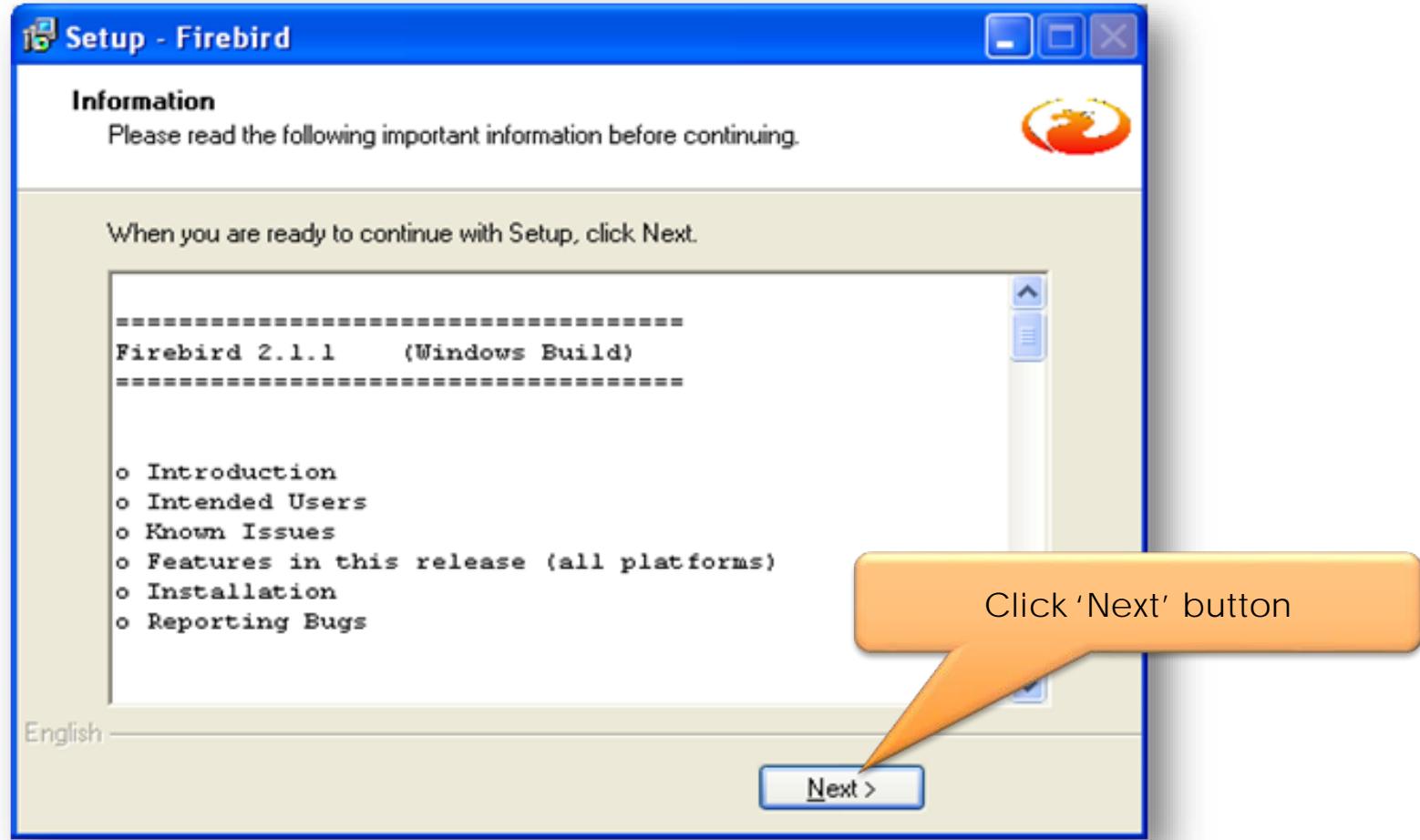


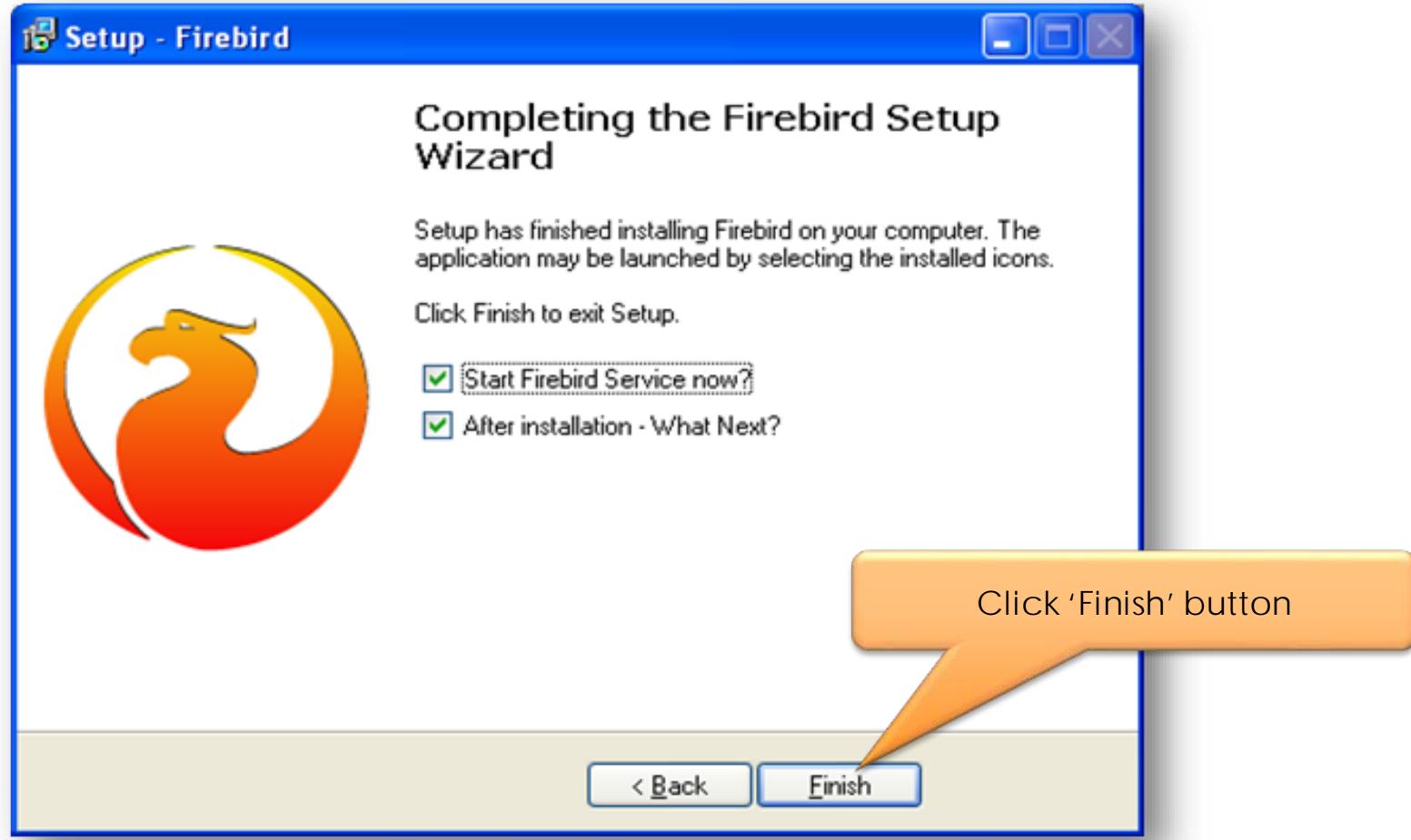




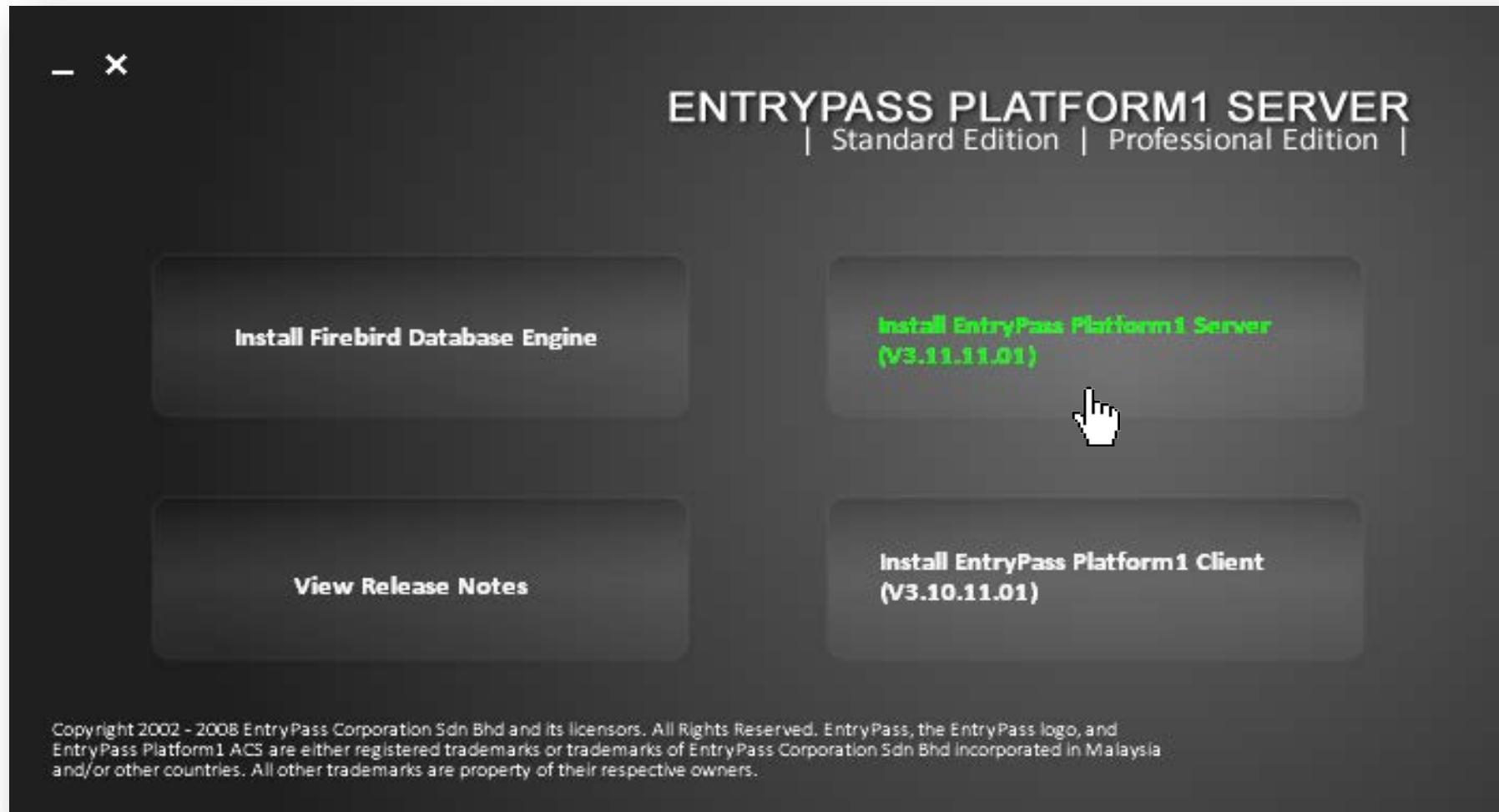






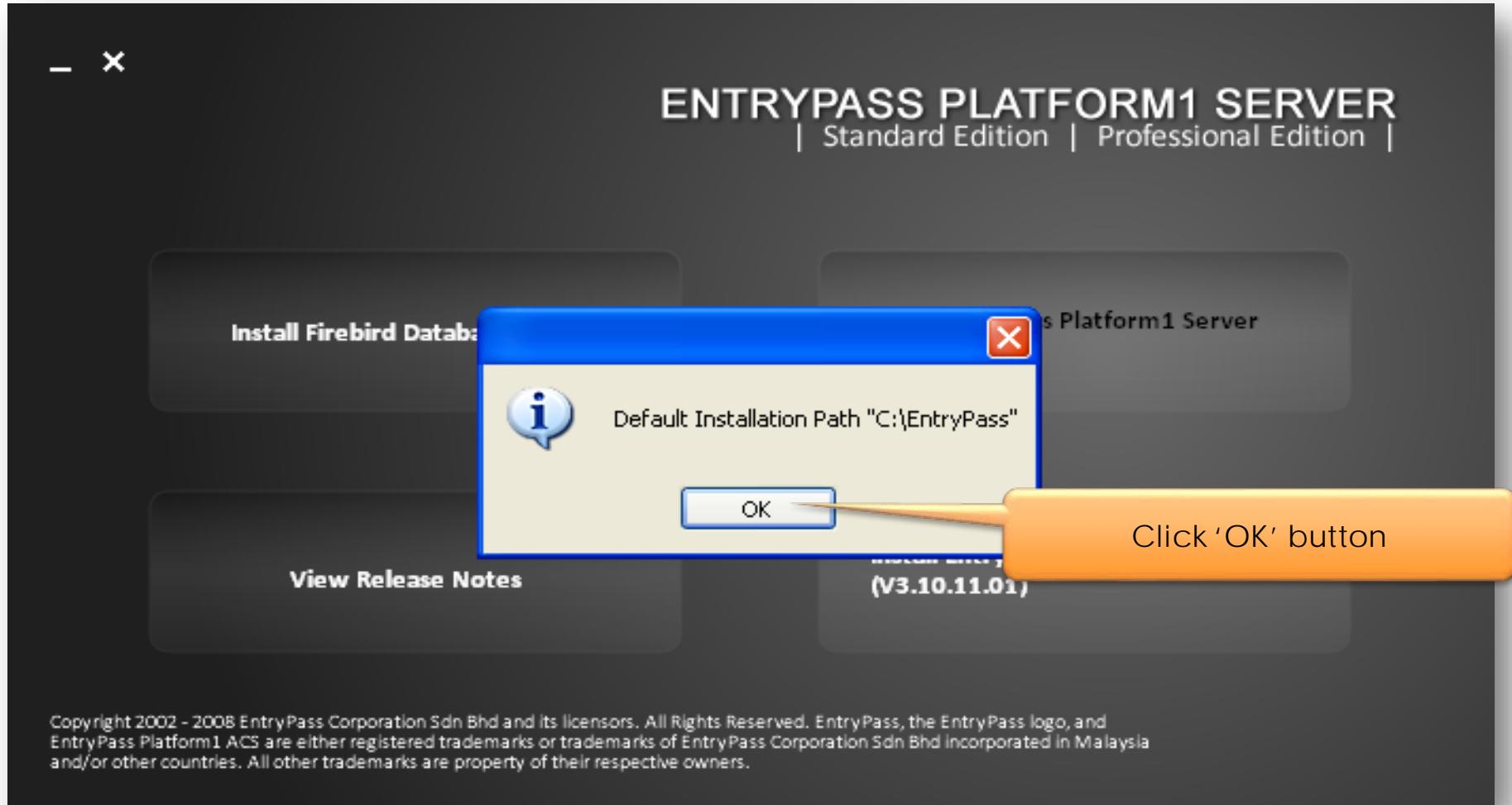


Platform1 Server Setup



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

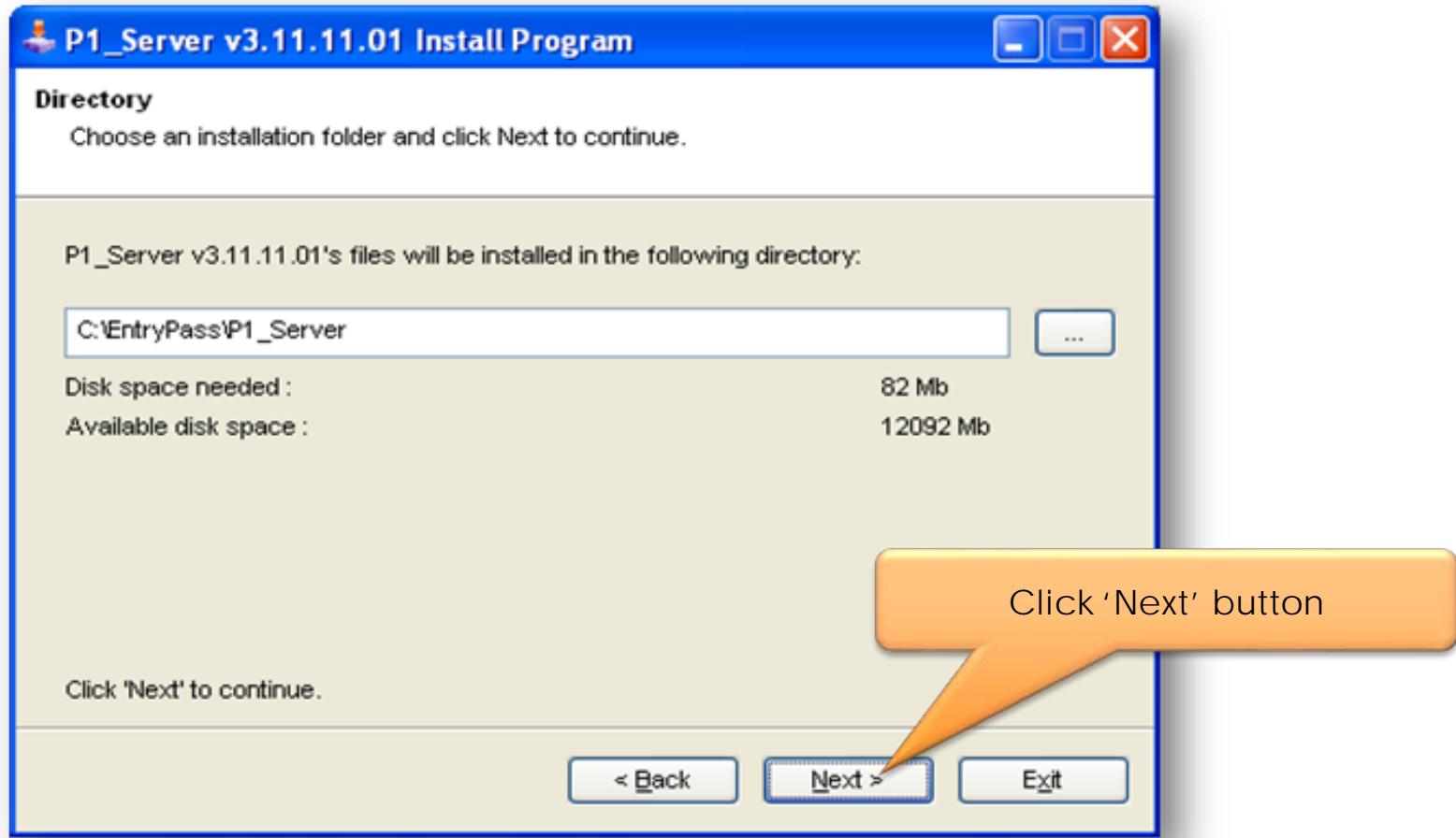


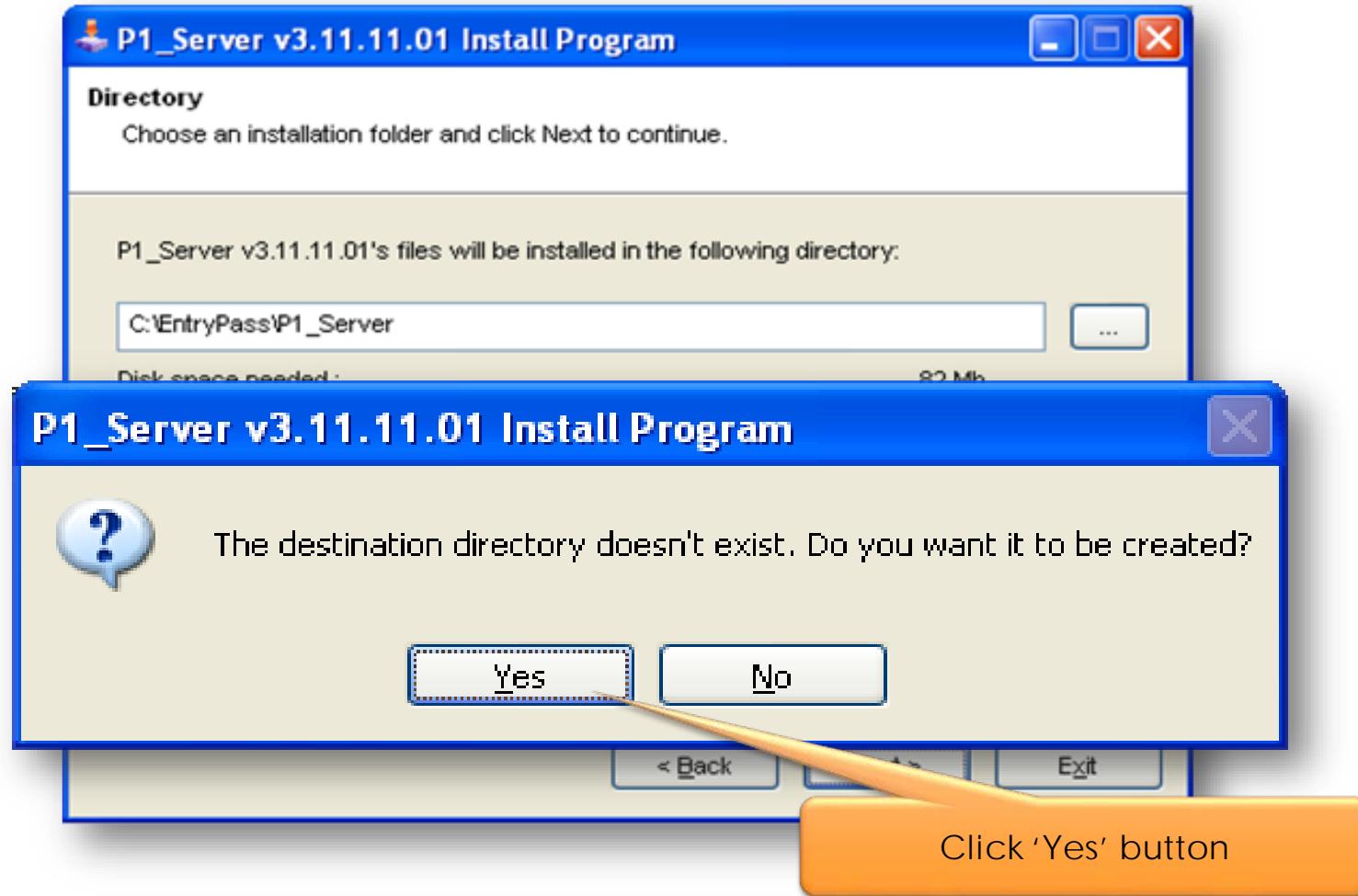


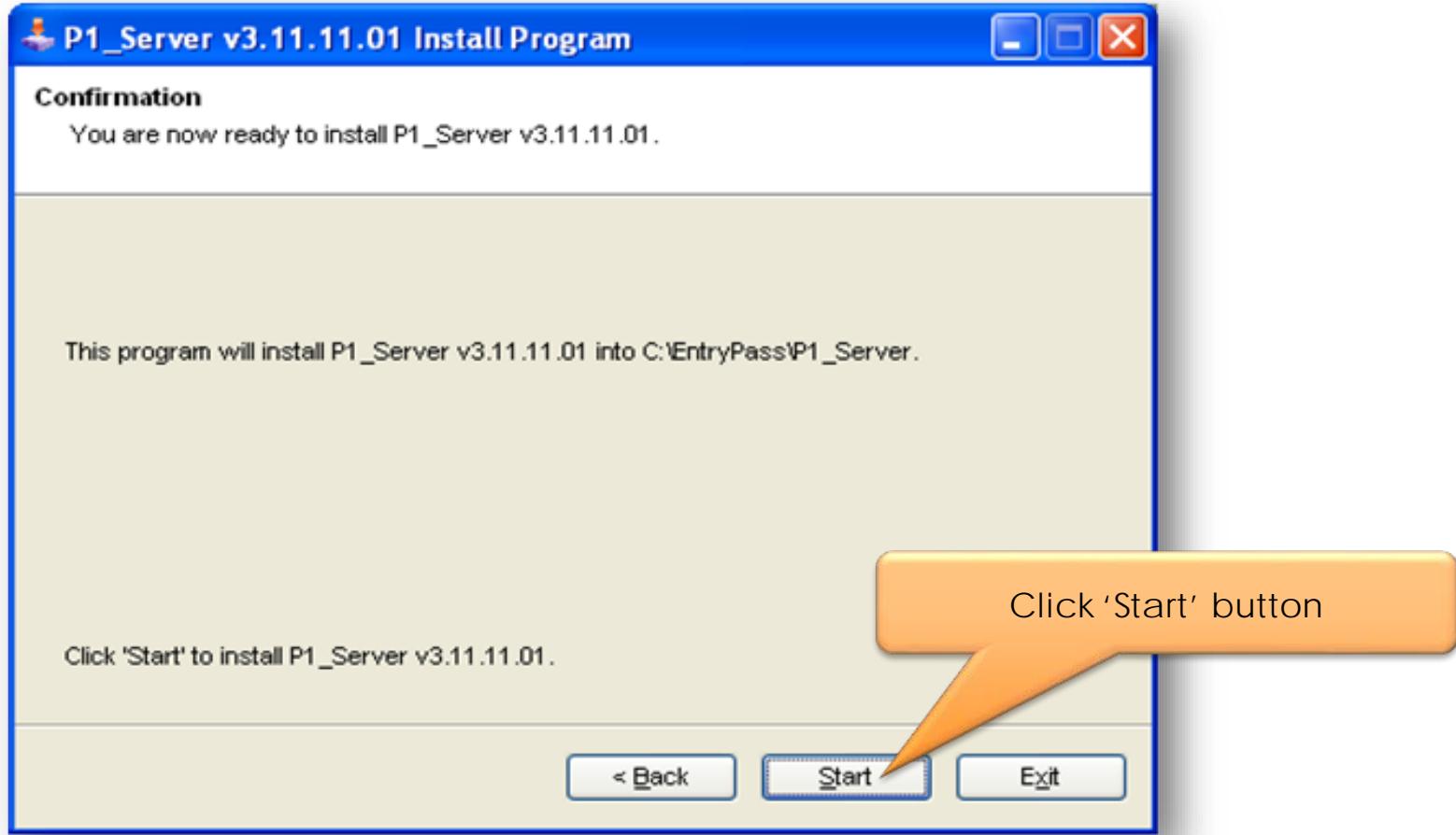
Notes: This message is to remind you that the default installation path of Platform1 Server.

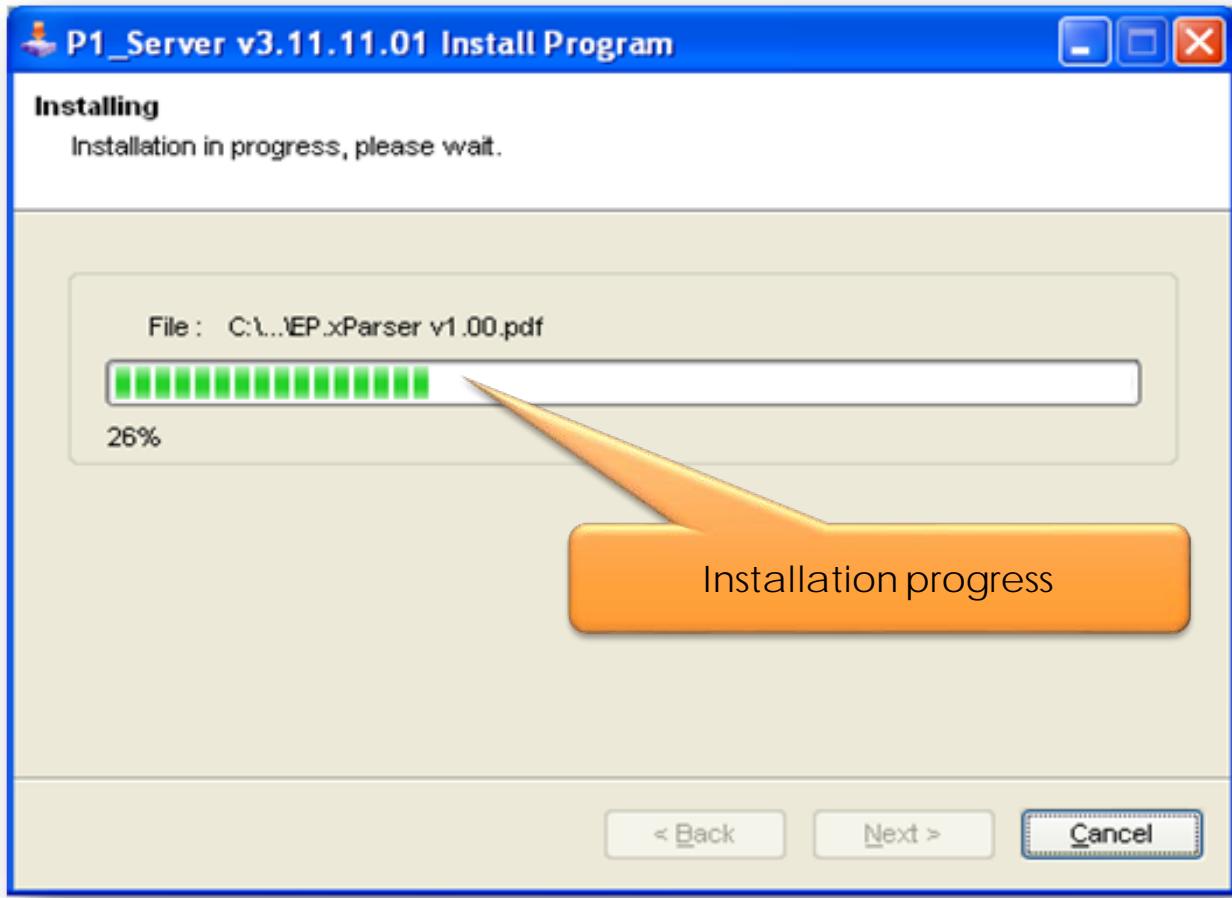


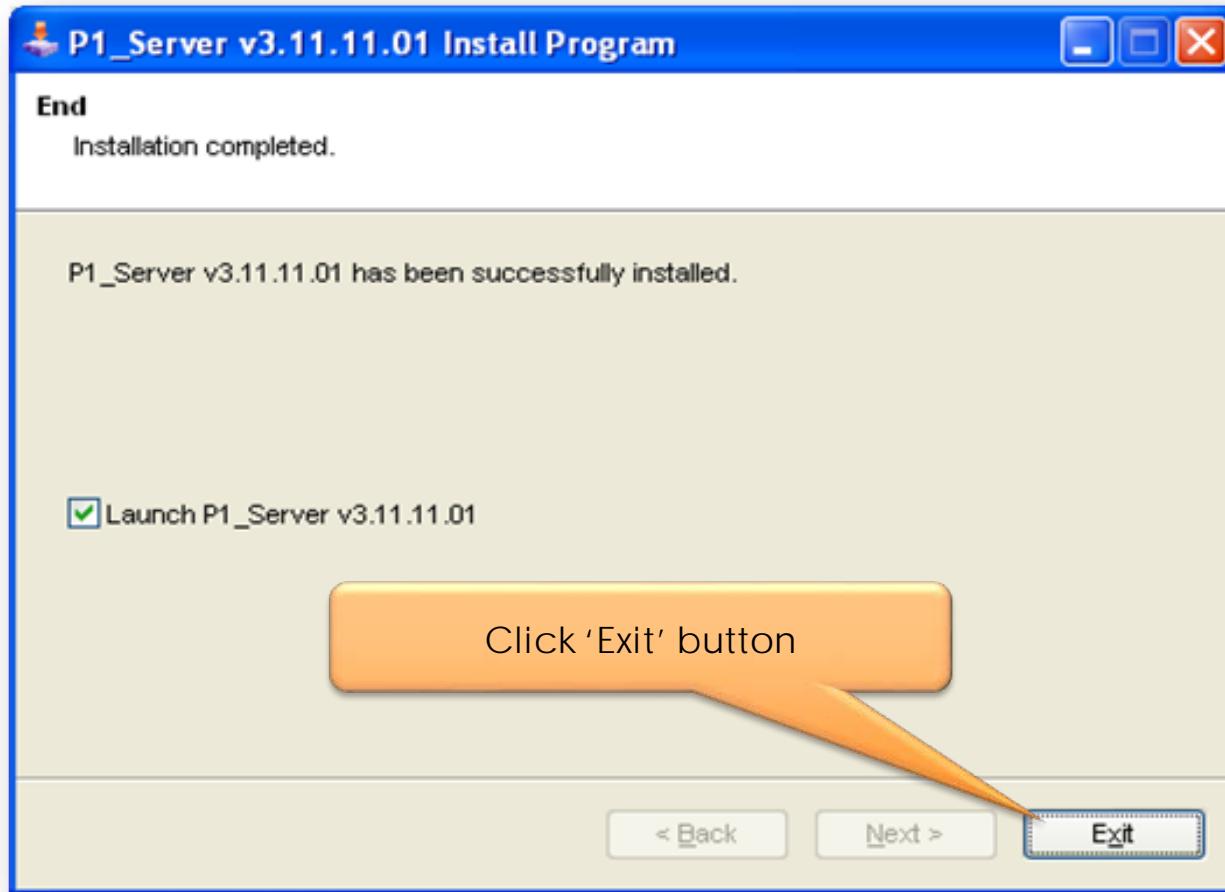










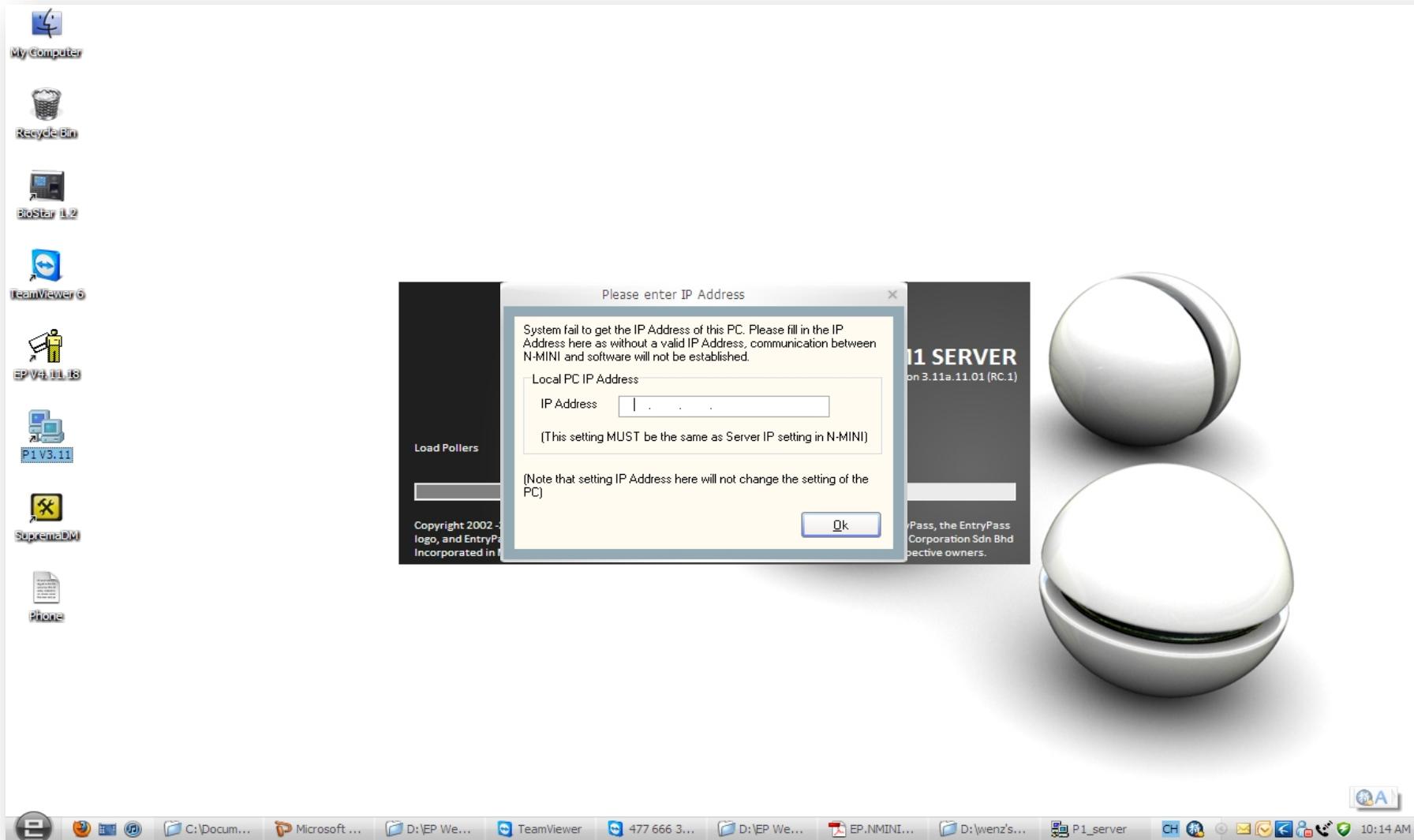




Active Network Based Hardware Setup Steps

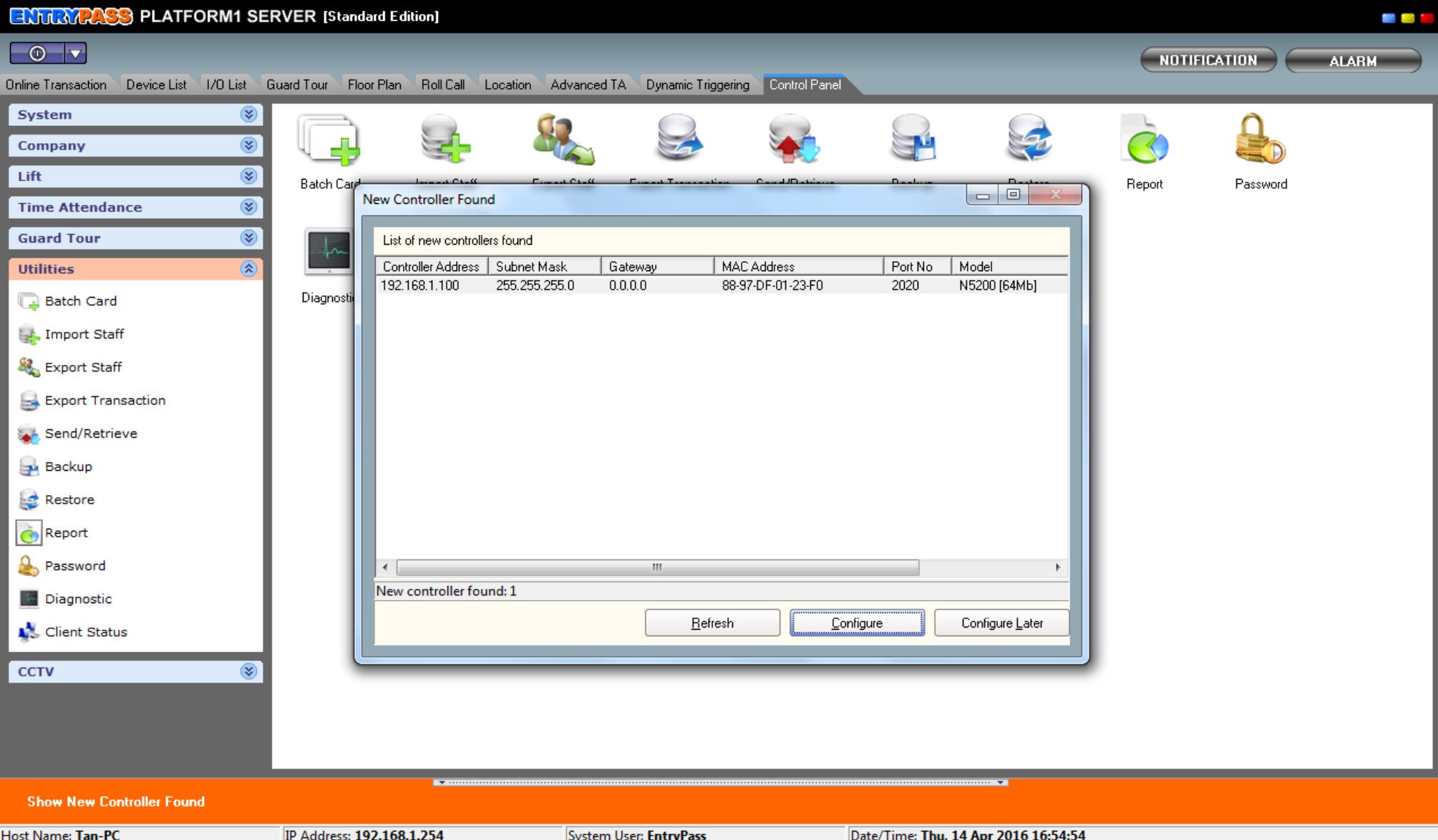






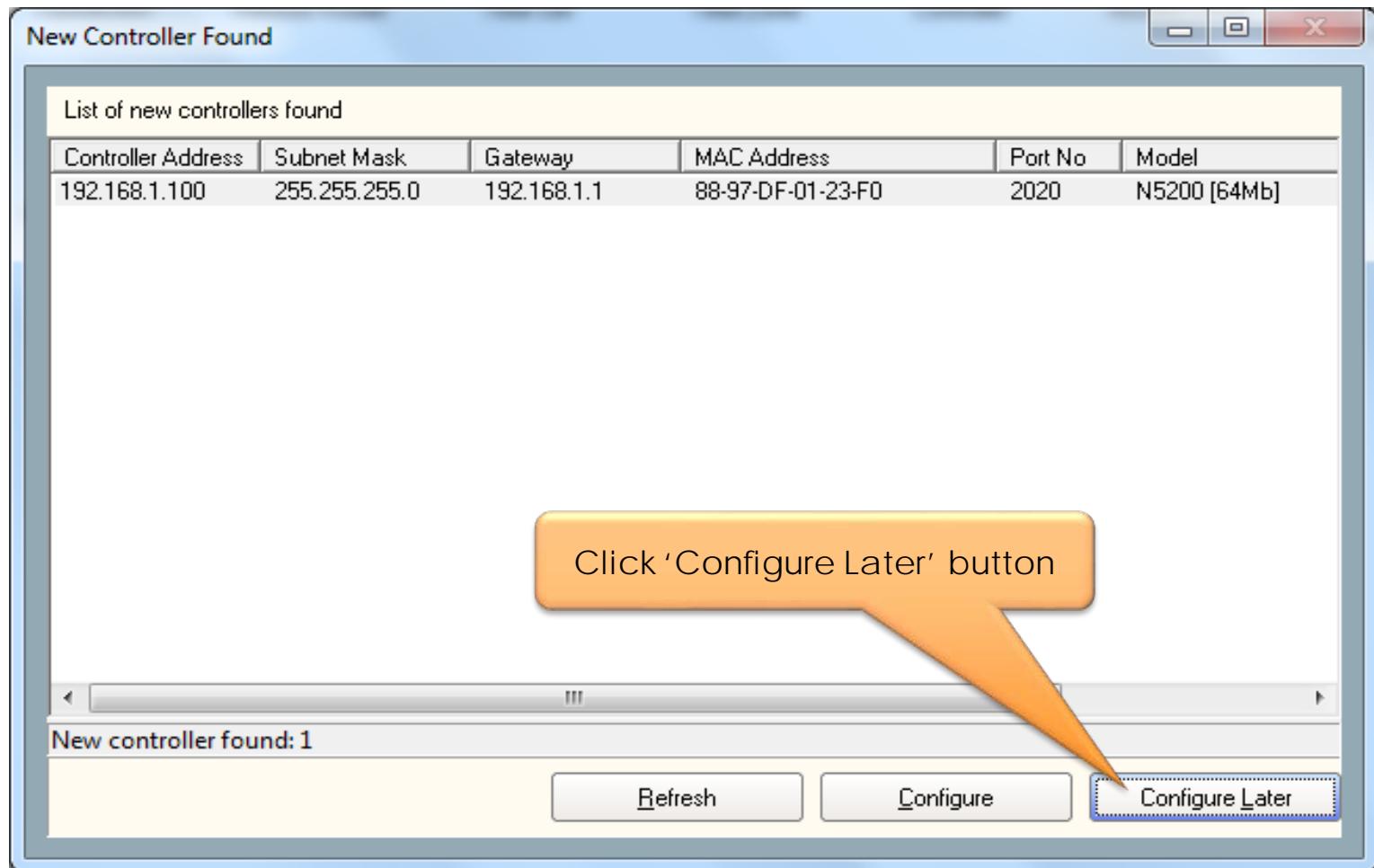
Notes: This pop up Windows will only appear if P1 Server cannot detect the host machine IP address. Please key-in 'Server IP Address' respectively.

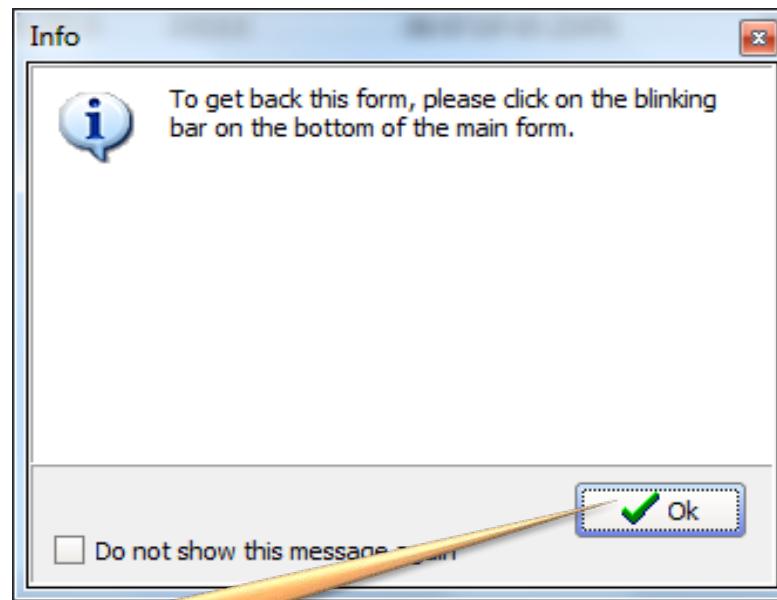




Notes: If the controller network parameter configured correctly, the 'New Controller Found' wizard will auto pop up on the screen.

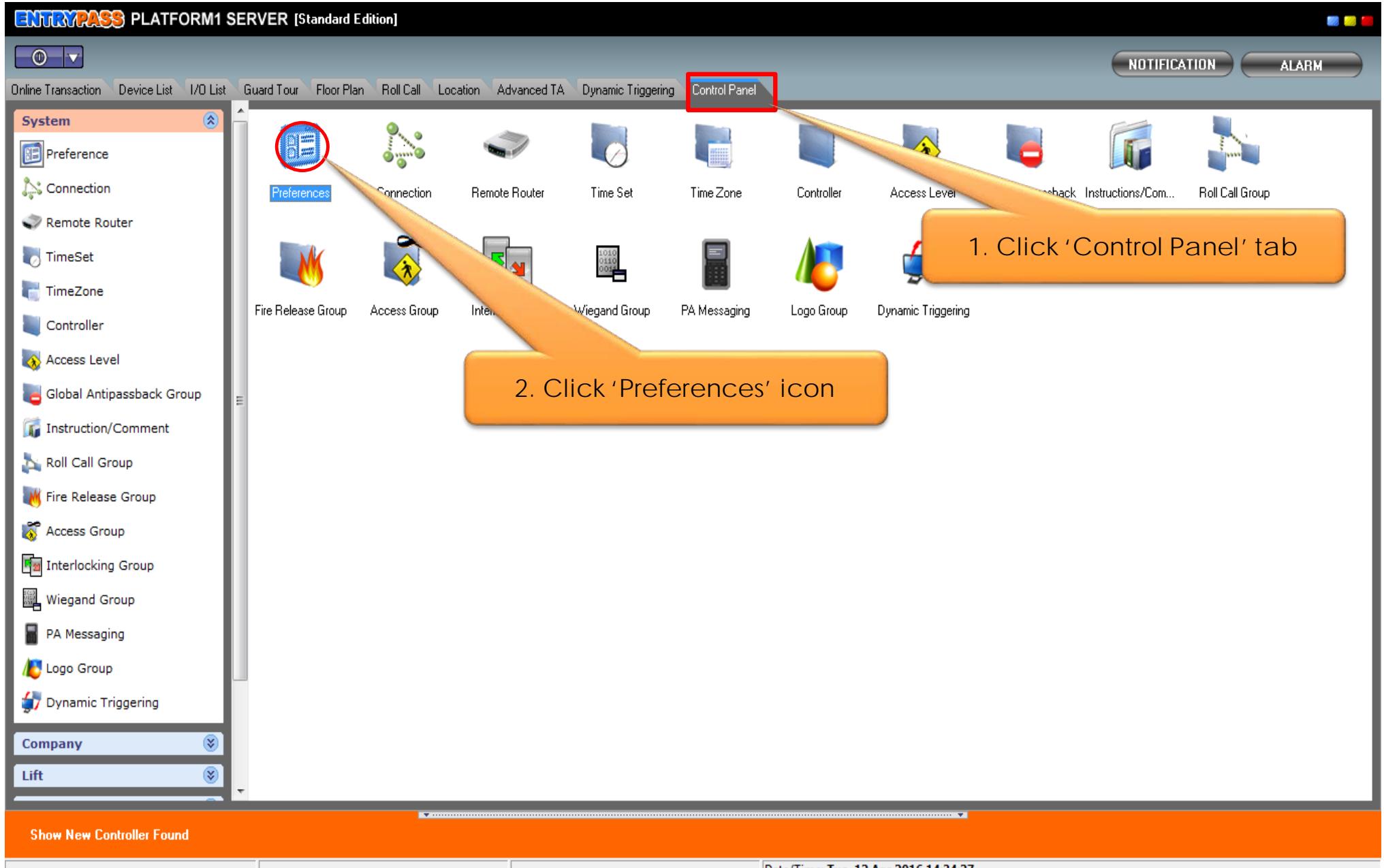


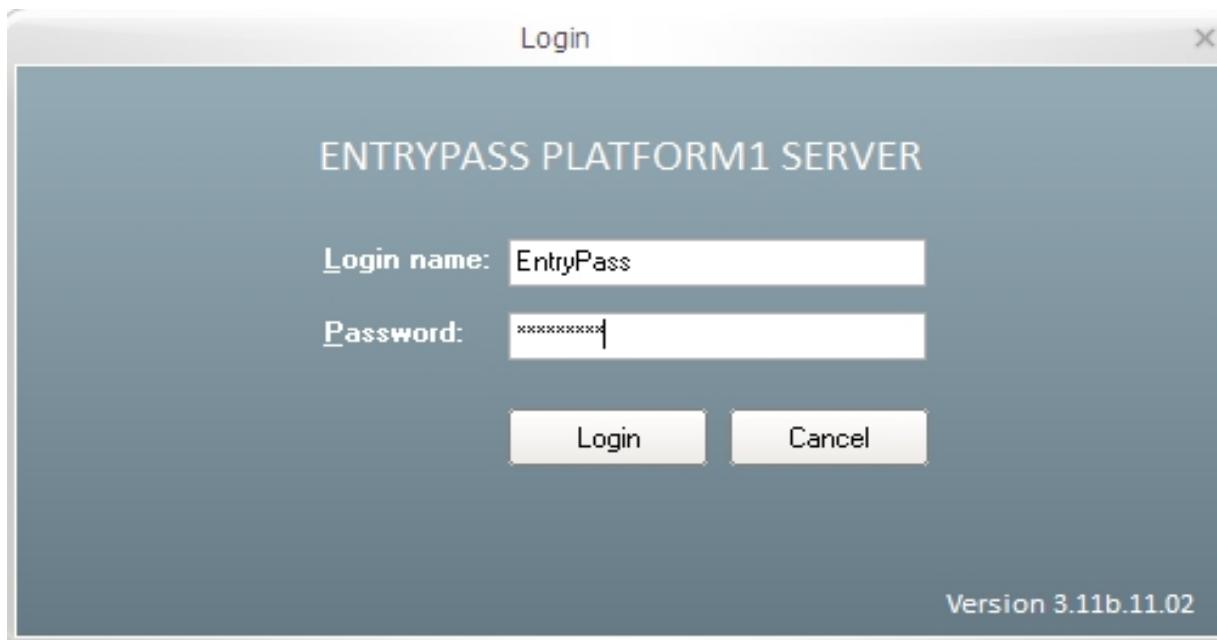




Click 'OK' button



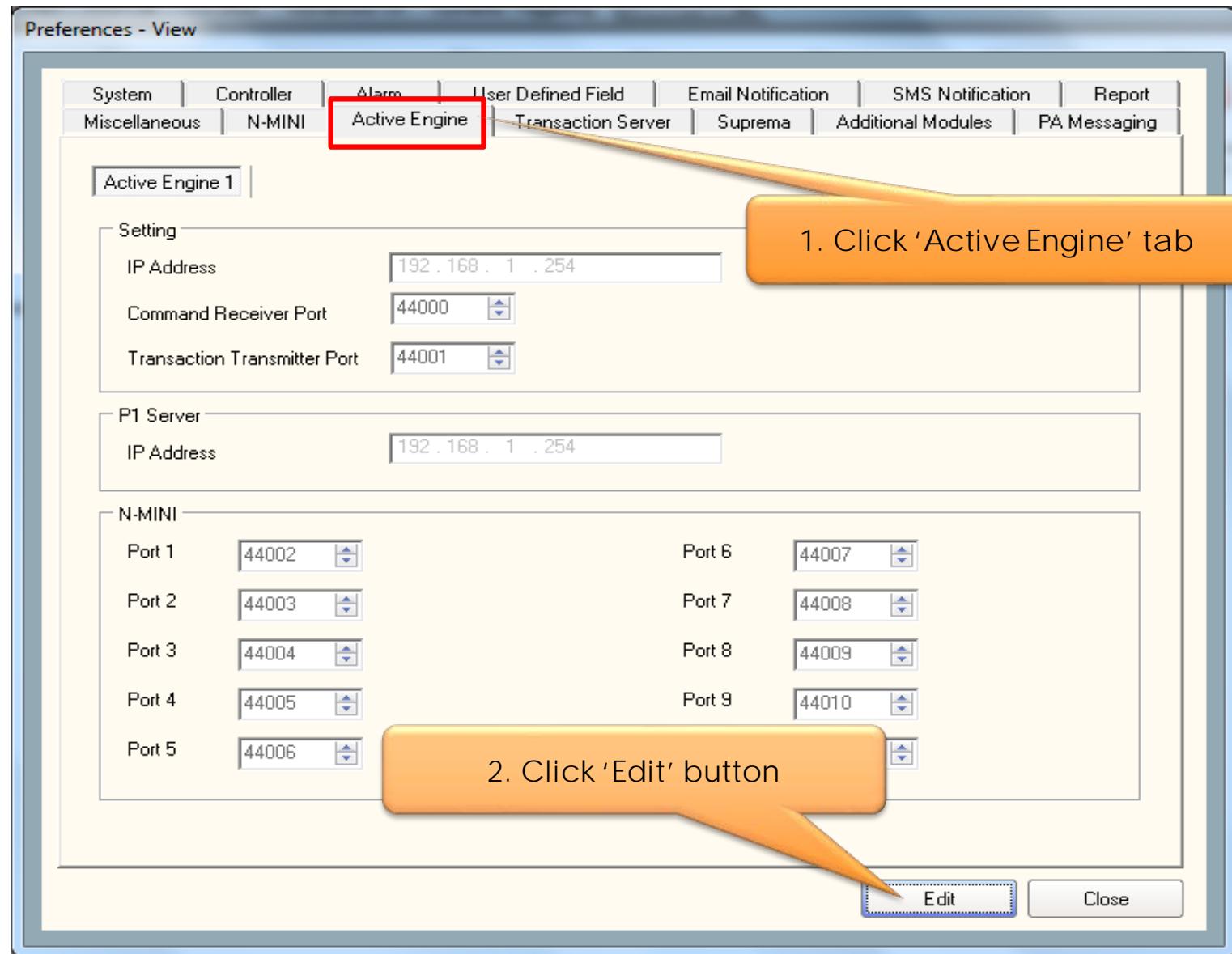


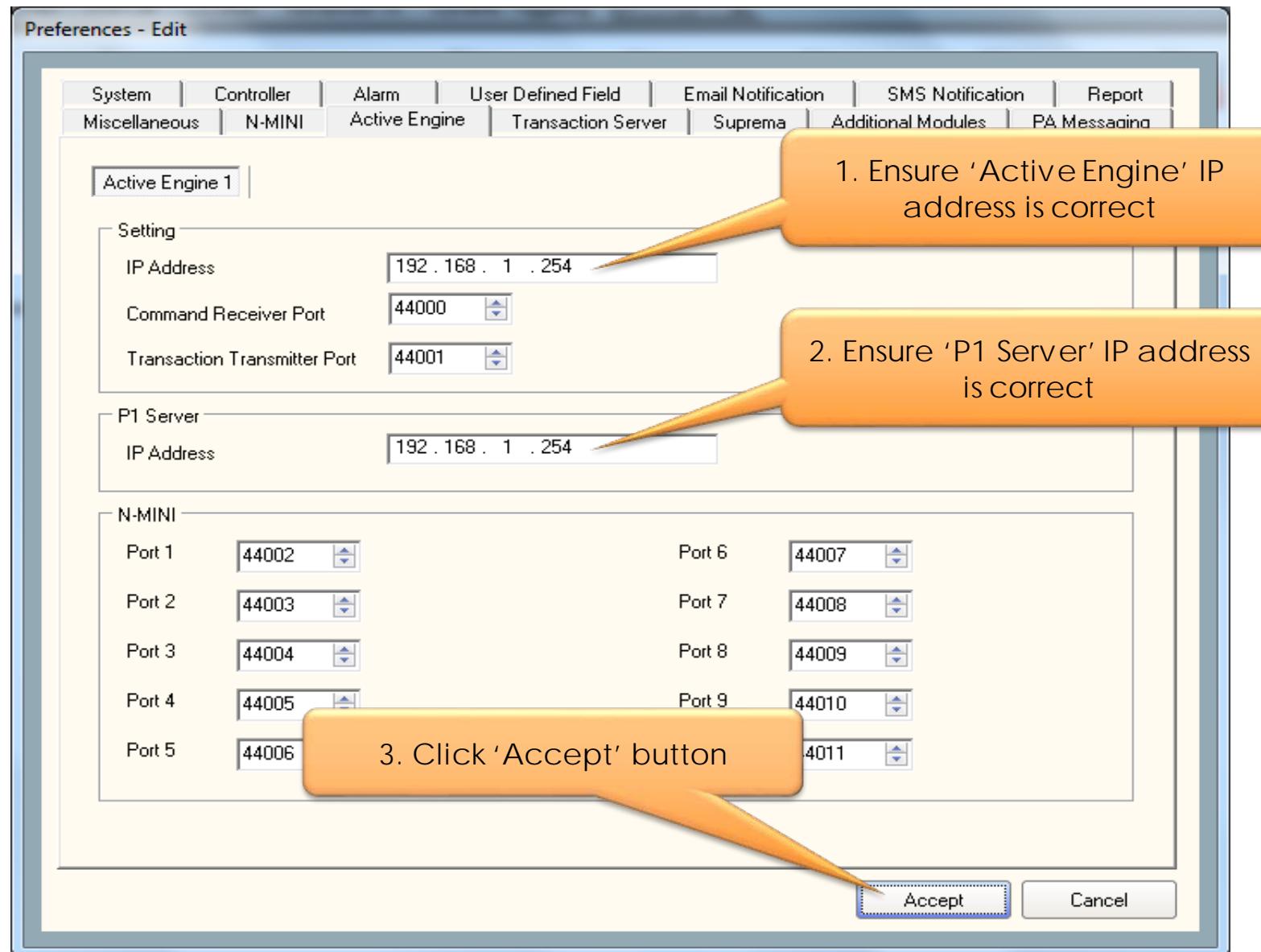


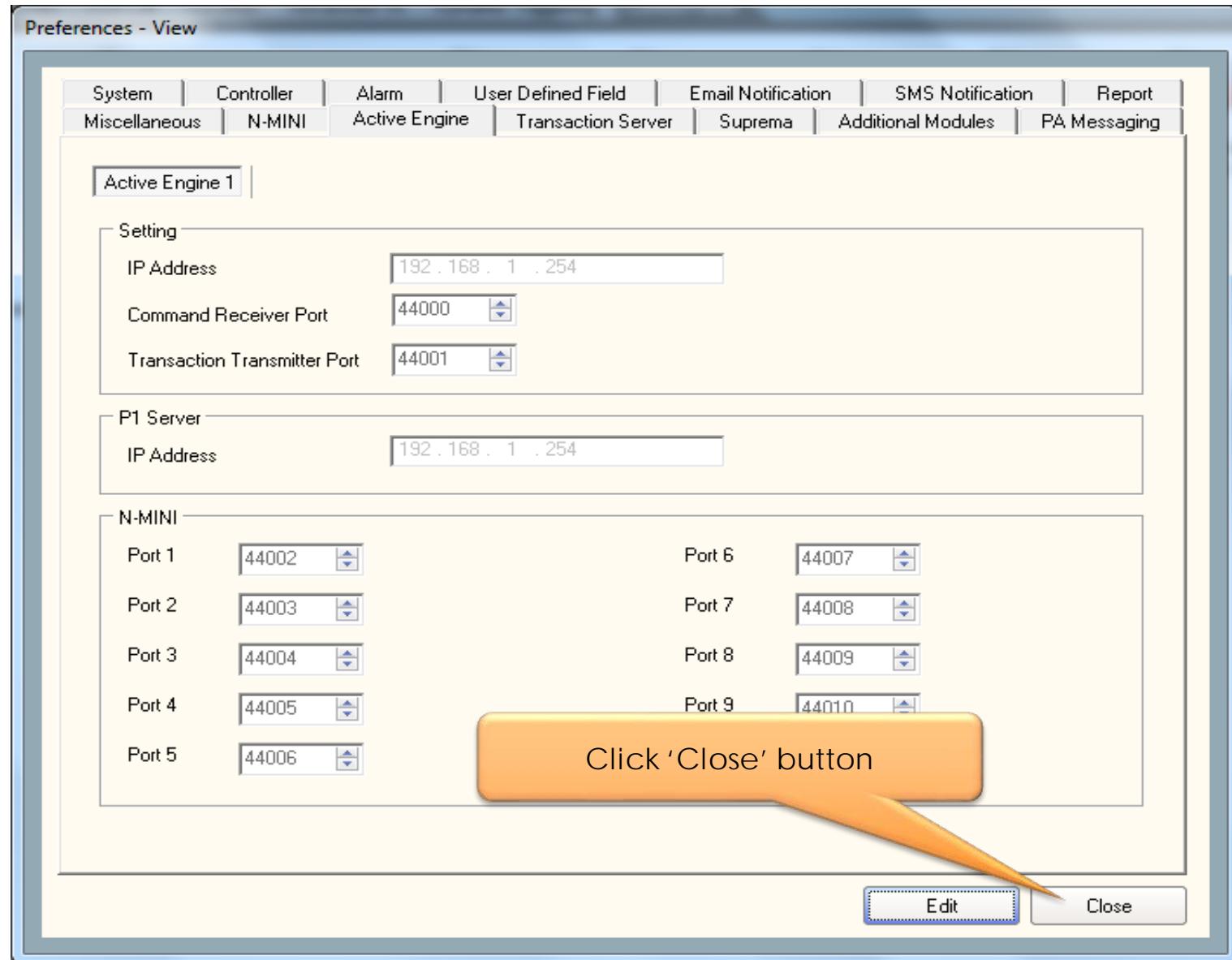
Default:

Login name : EntryPass
Password : EntryPass









ENTRYPASS PLATFORM1 SERVER [Standard Edition]

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

NOTIFICATION ALARM

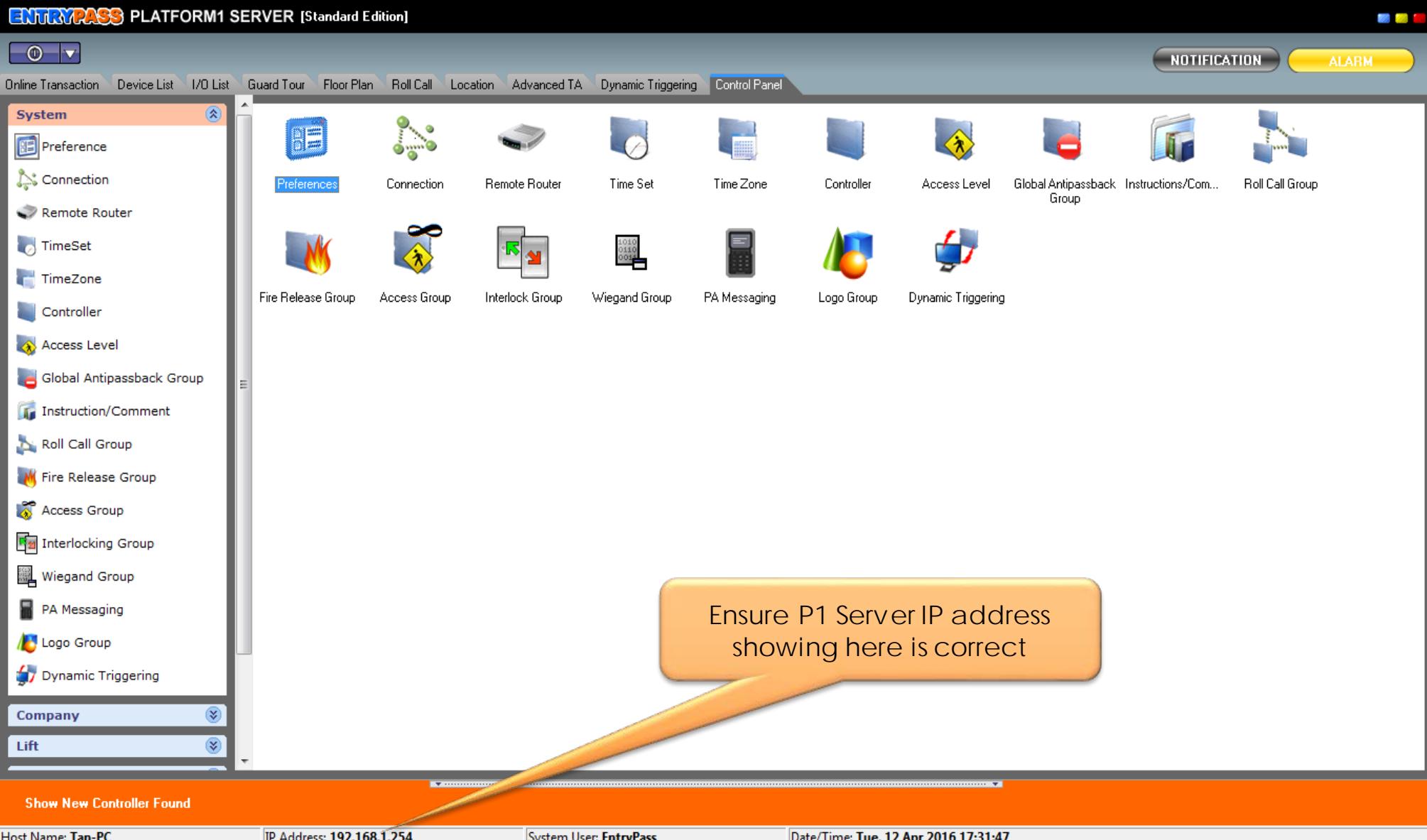
System

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

Ensure P1 Server IP address showing here is correct

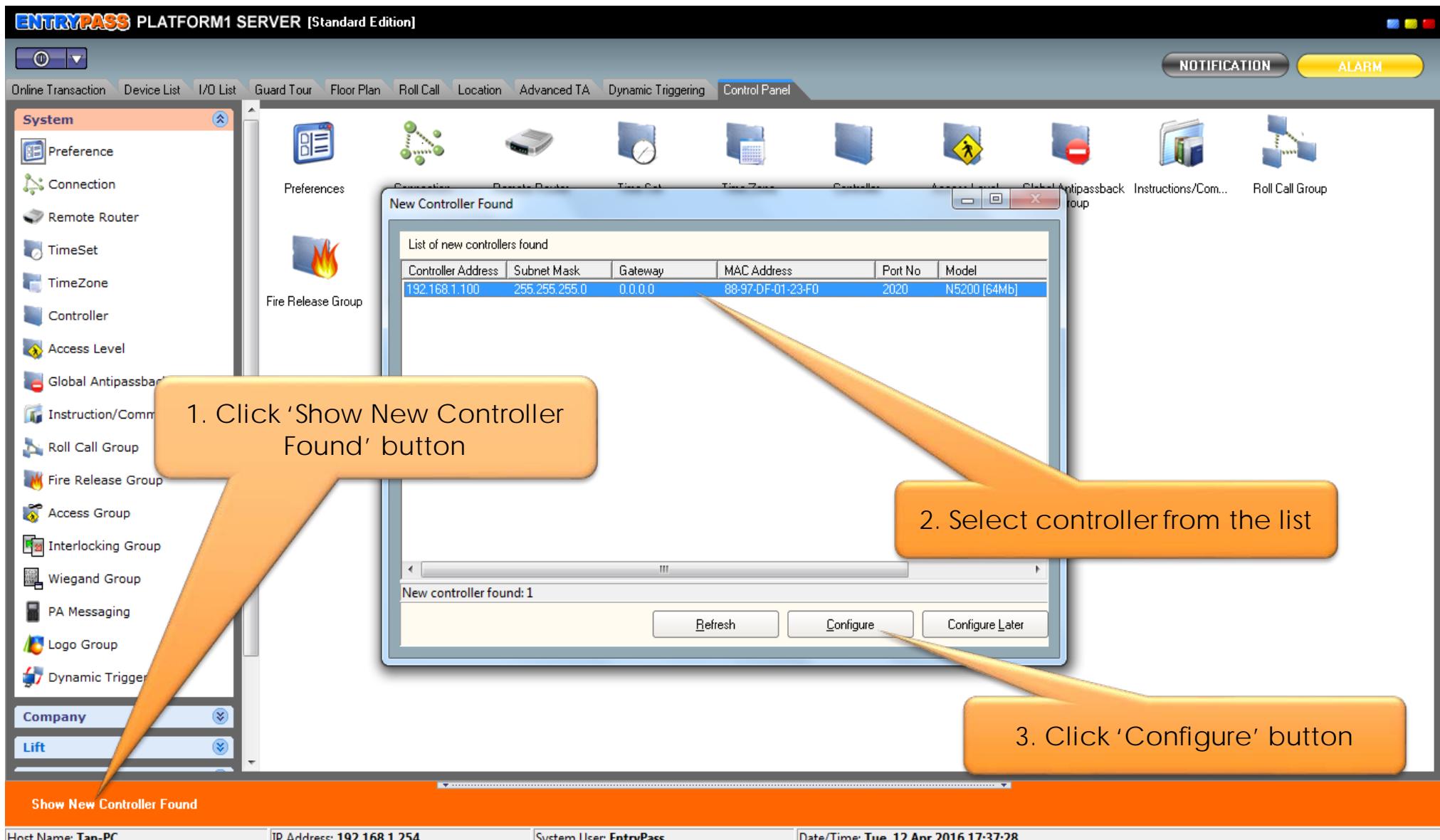
Show New Controller Found

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



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.





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]



Welcome to the Add Controller Wizard

Please select what do you wish to do:

Add a new controller

(Select this option if this is a new installation where you need to add this controller as a brand new controller)

Assign to existing controller

(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)

1. Choose 'Add a new controller' option

2. Click 'Next' button

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 *

Description

Description

Profile

Description

 In and Out Reader 2 Doors In and Out Reader In and Out Barrier 2 Turnstiles In and Out Turnstile

Select controller profile

Reader Setting

Reader 1 Name *

Description

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

<input type="checkbox"/> Use AES Encryption

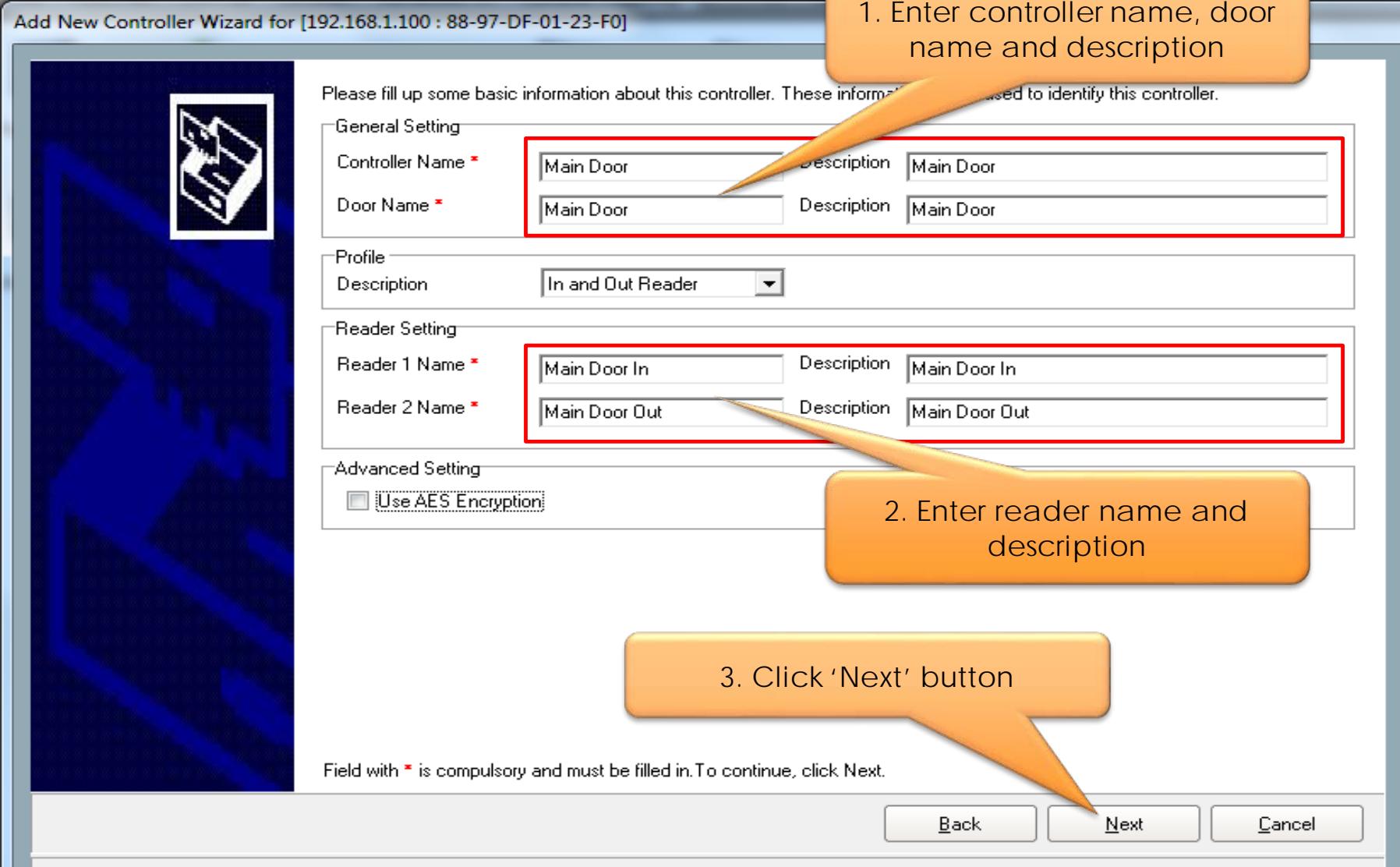
Field with * is compulsory and must be filled in. To continue, click Next.

1. Enter controller name, door name and description

2. Enter reader name and description

3. Click 'Next' button

Back Next Cancel



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

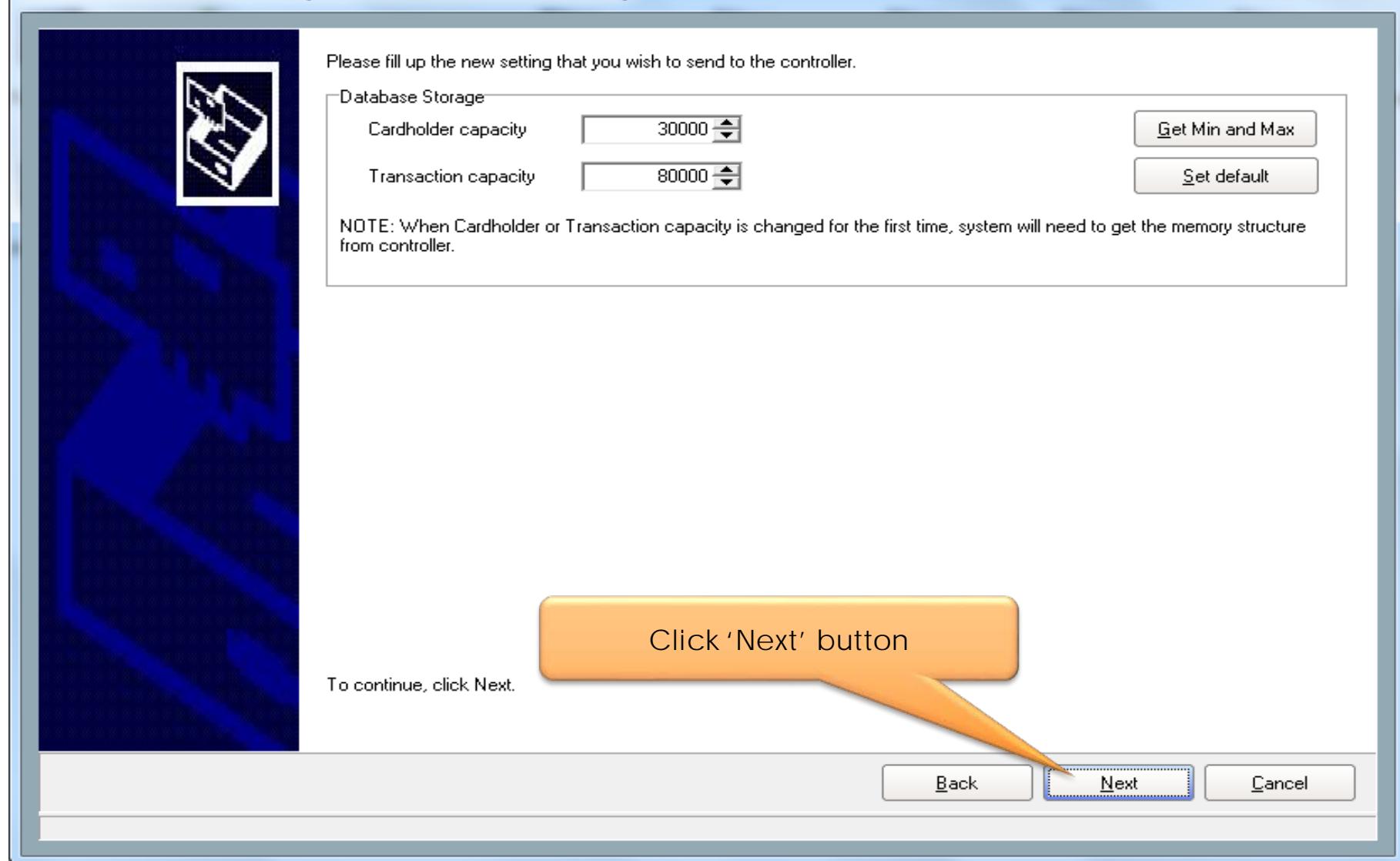
2. Click 'Next' button

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'.



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



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



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



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
<input type="checkbox"/>		

Click 'Finish' button

Show Access Level/Group Detail

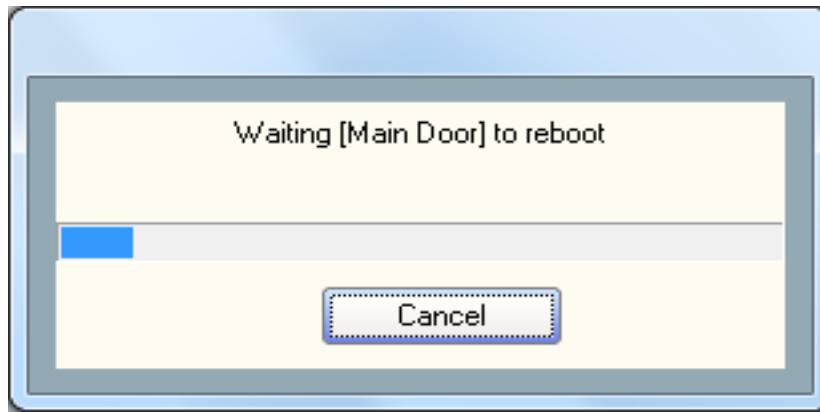
Click Finish to add the controller and end the wizard.

Back

Finish

Cancel





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).



Click 'Device List' tab

The screenshot shows the ENTRYPASS PLATFORM1 SERVER [Standard Edition] software interface. At the top, there is a menu bar with options like 'File', 'Edit', 'View', 'System', 'Help', and system status indicators for 'NOTIFICATION' and 'ALARM'. A red box highlights the 'Device List' tab in the top navigation bar. Below the navigation bar is a toolbar with buttons for 'Online Transaction', 'Event List', 'Guard Tour', and 'Panel'. On the right side of the interface, there is a 'Docked' status indicator with a monitor icon. The main content area is a table titled 'Device List' with the following columns:

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

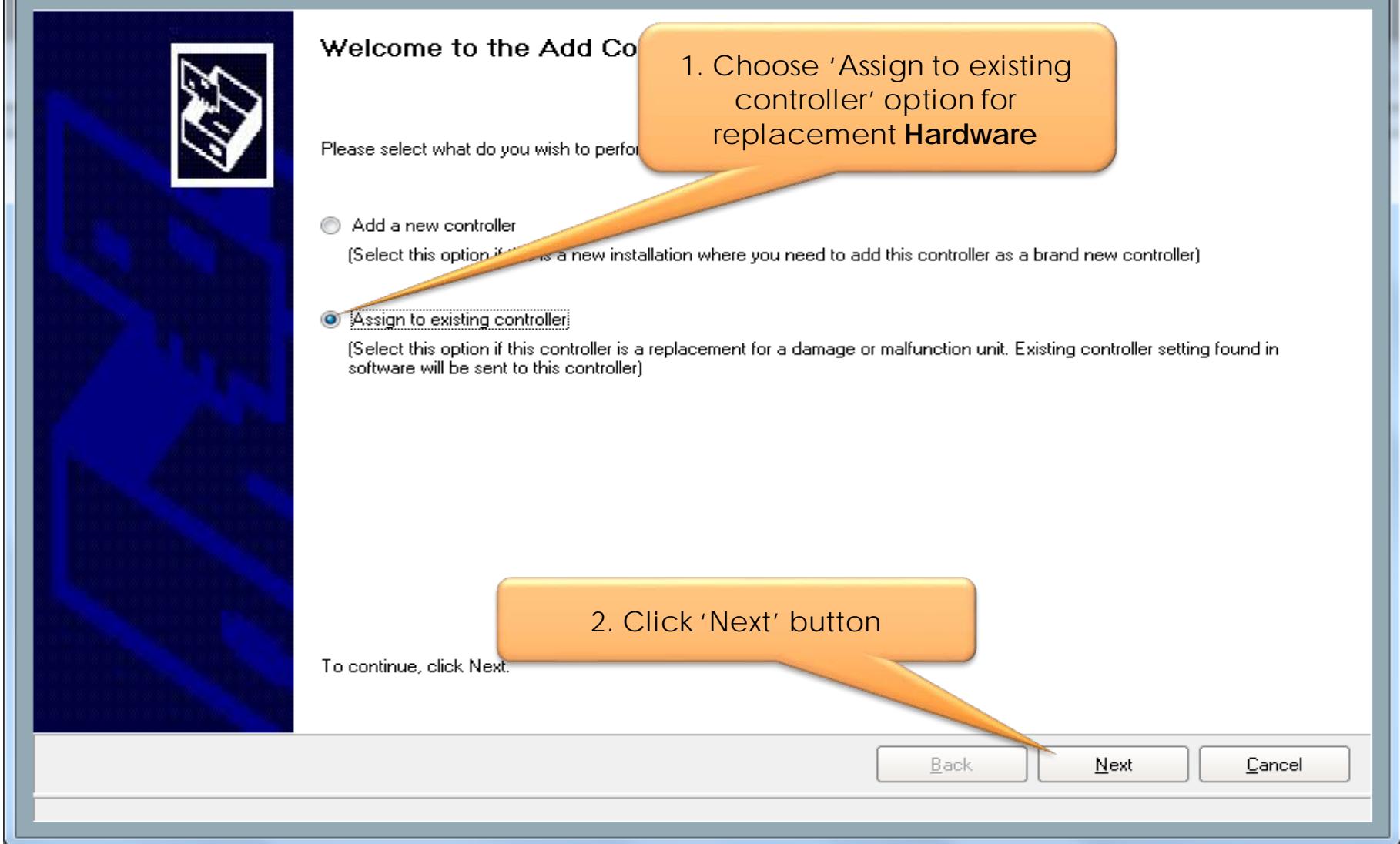
At the bottom of the interface, there is a footer with the following information: Host Name: Tan-PC, IP Address: 192.168.1.254, System User: EntryPass, and Date/Time: Tue, 12 Apr 2016 14:53:55.

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



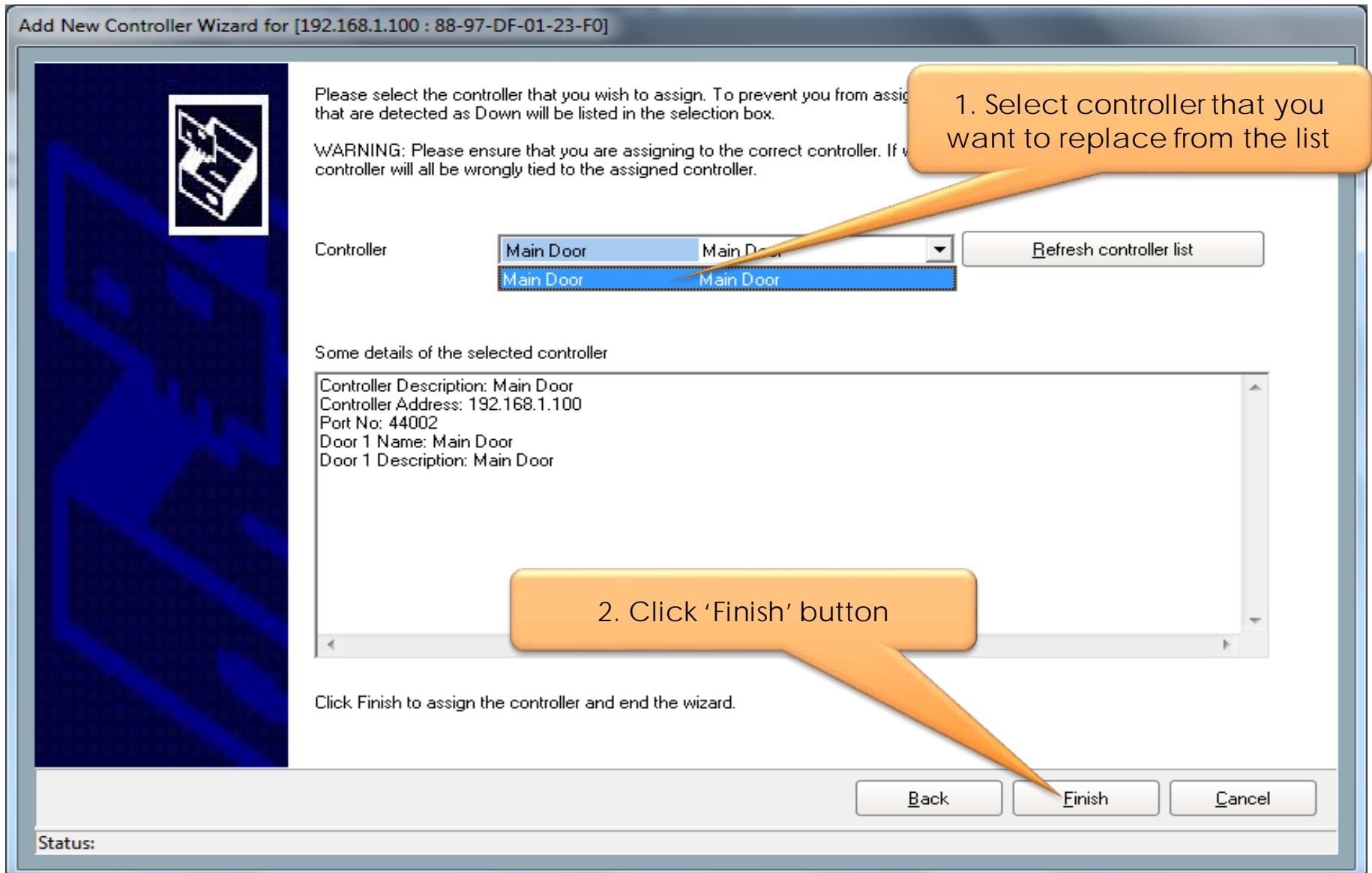
Replacing Existing Hardware With New Hardware





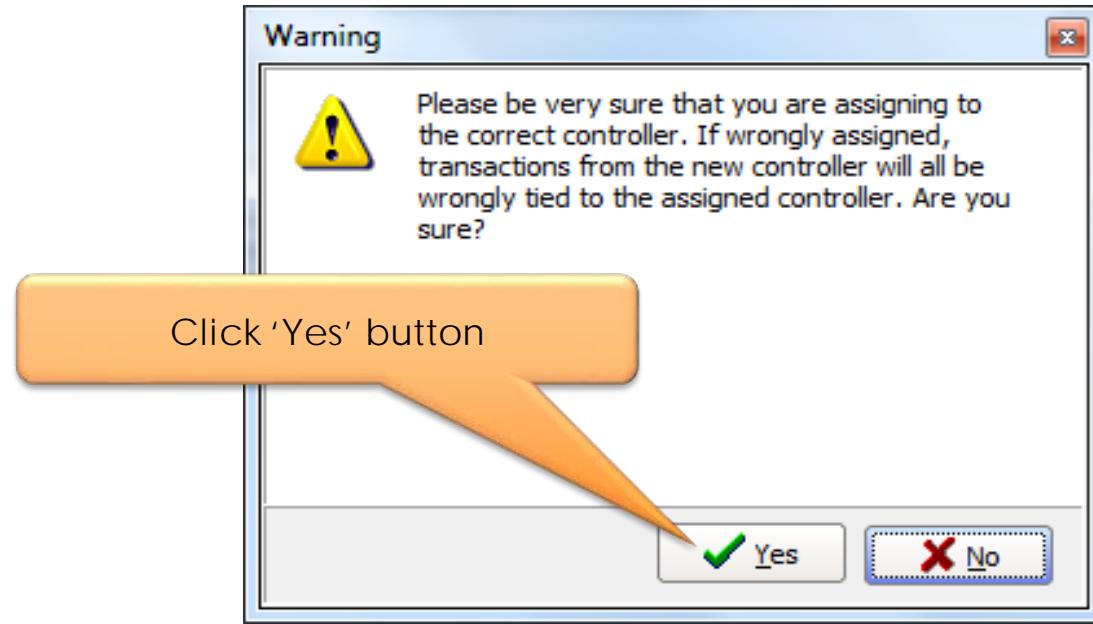
Notes: Please ensure that you replace the same **Hardware** model. Example: N5200 controller can only be replaced by another N5200 controller.

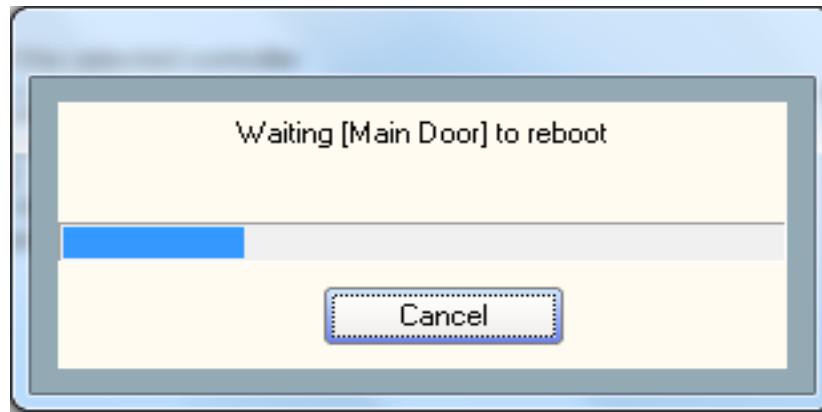




Notes: Only **Hardware** that declared as 'Down' status on P1 Server will show on the list.







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 Docked

Click 'Online Transaction' tab

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



Click 'Device List' tab

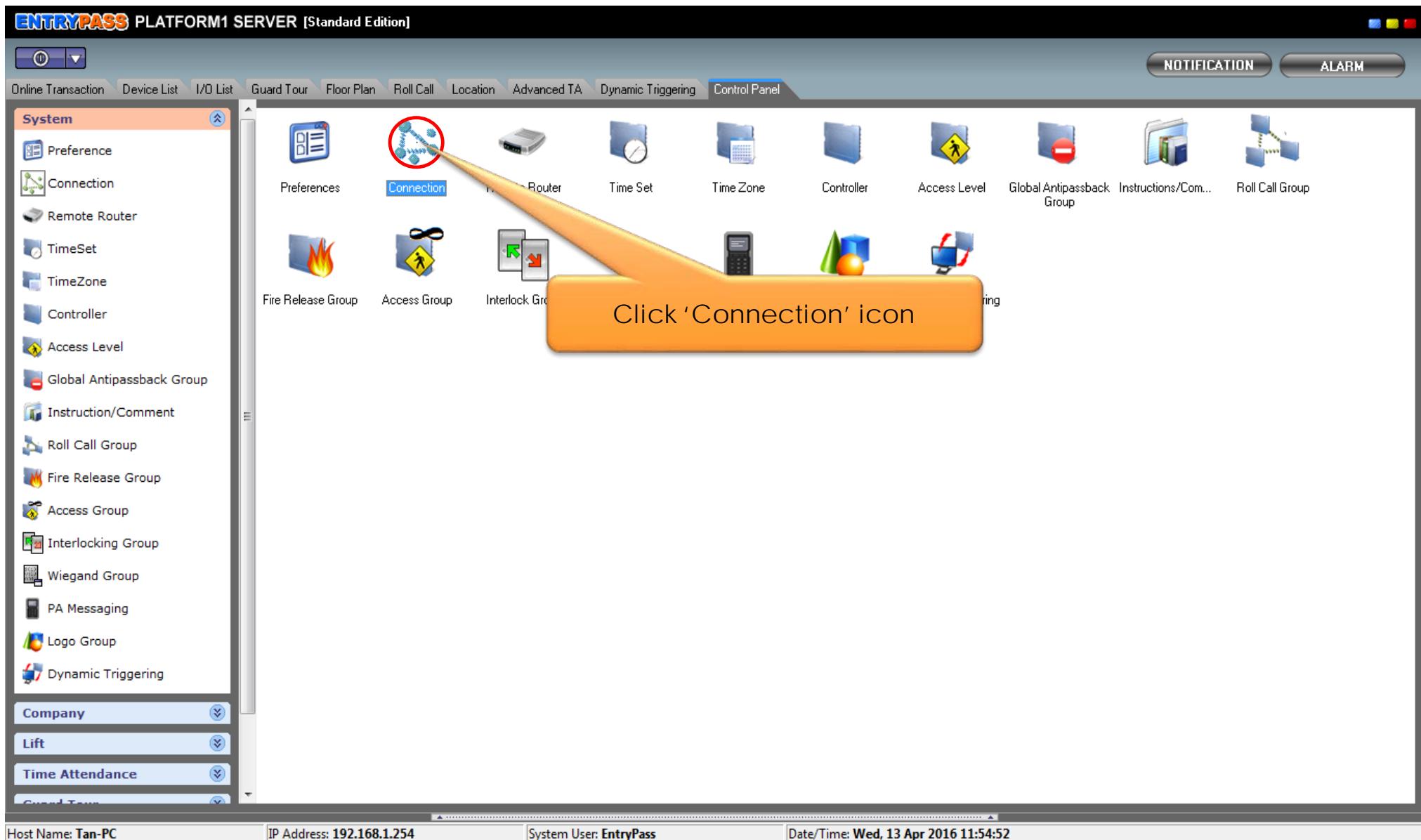
Host Name: Tan-PC IP Address: 192.168.1.254 System User: EntryPass Date/Time: Tue, 12 Apr 2016 14:58:29

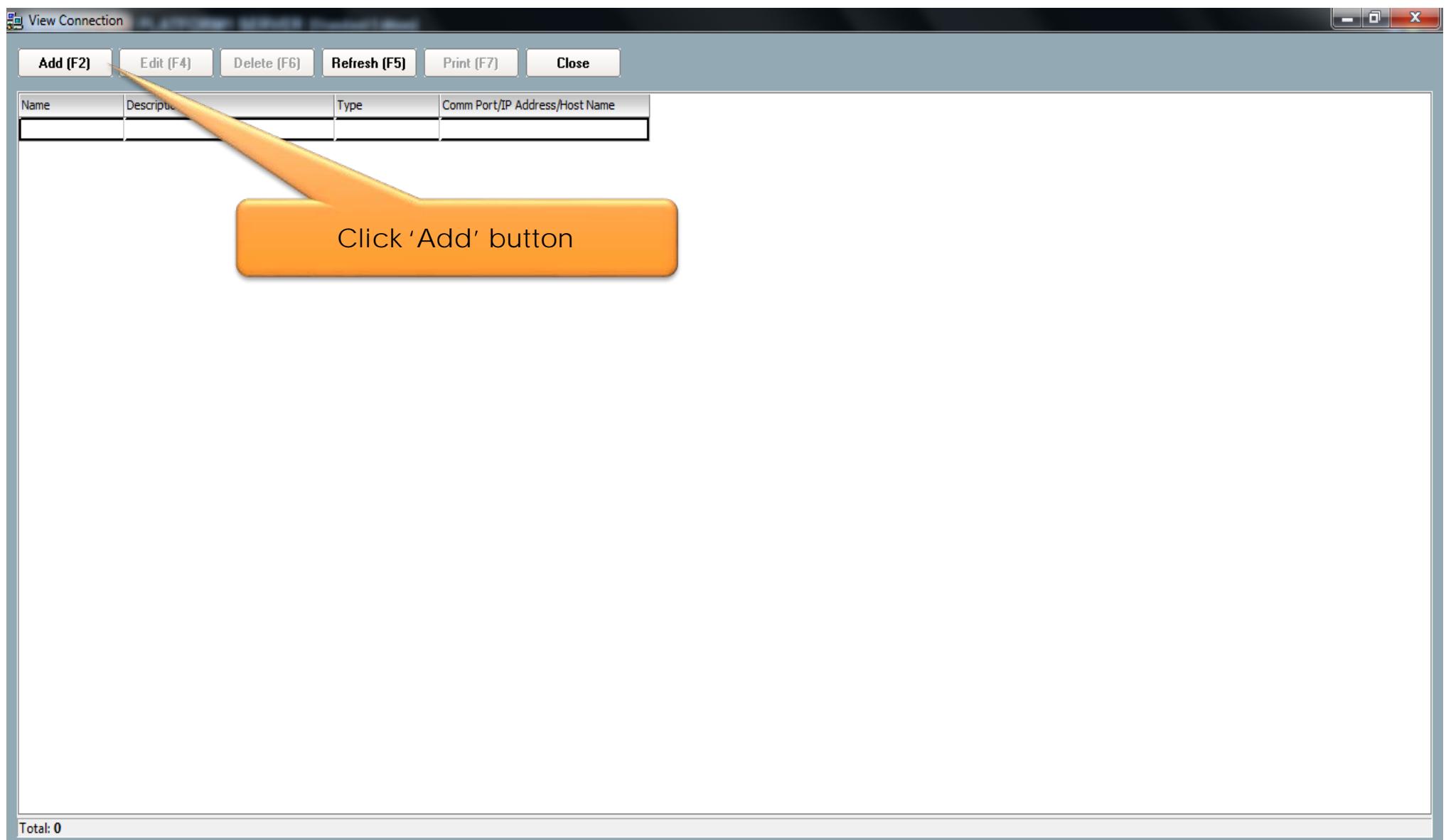
Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer [Appendix C](#) if the **Hardware** status is down.

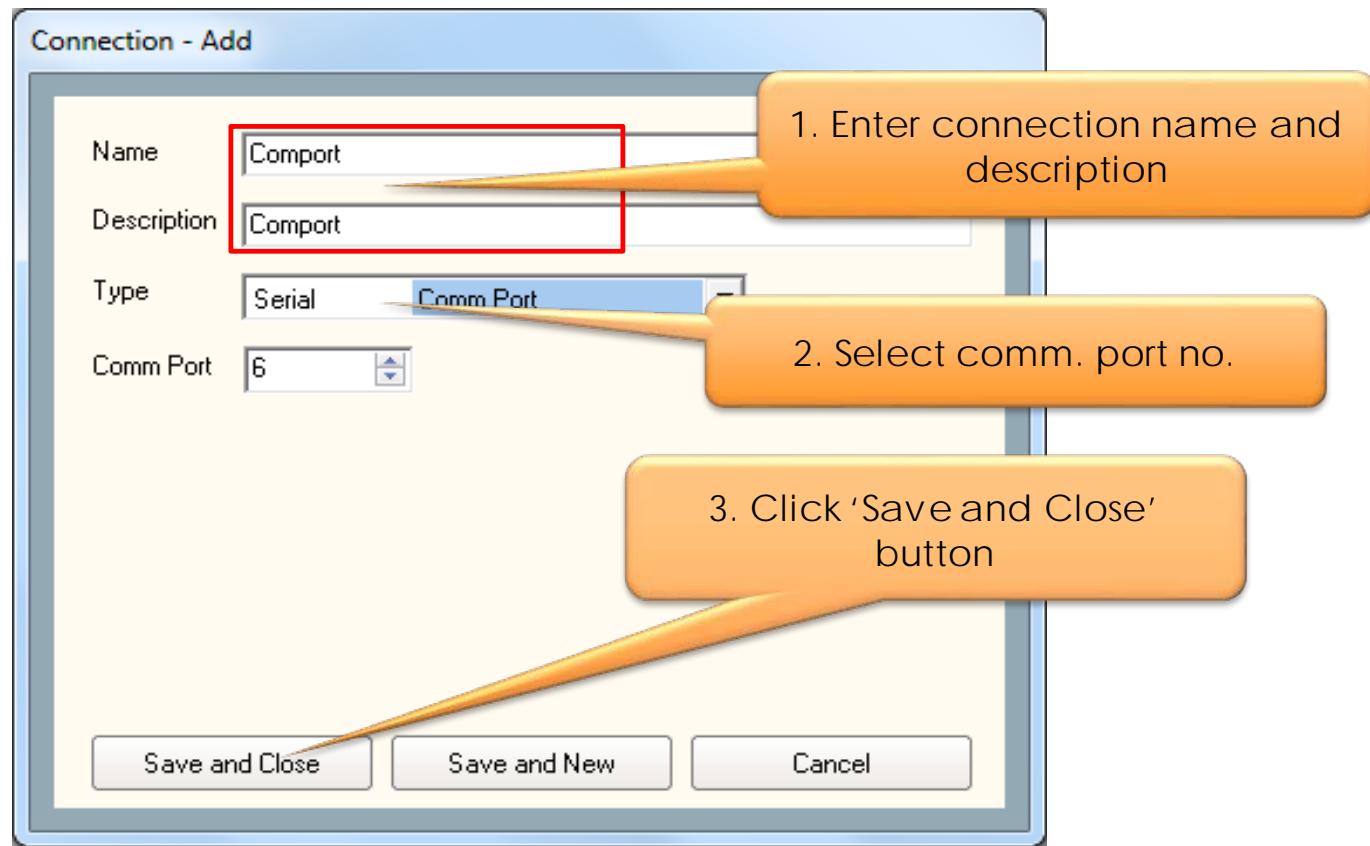


Serial (RS232/RS485) Controller Setup Steps



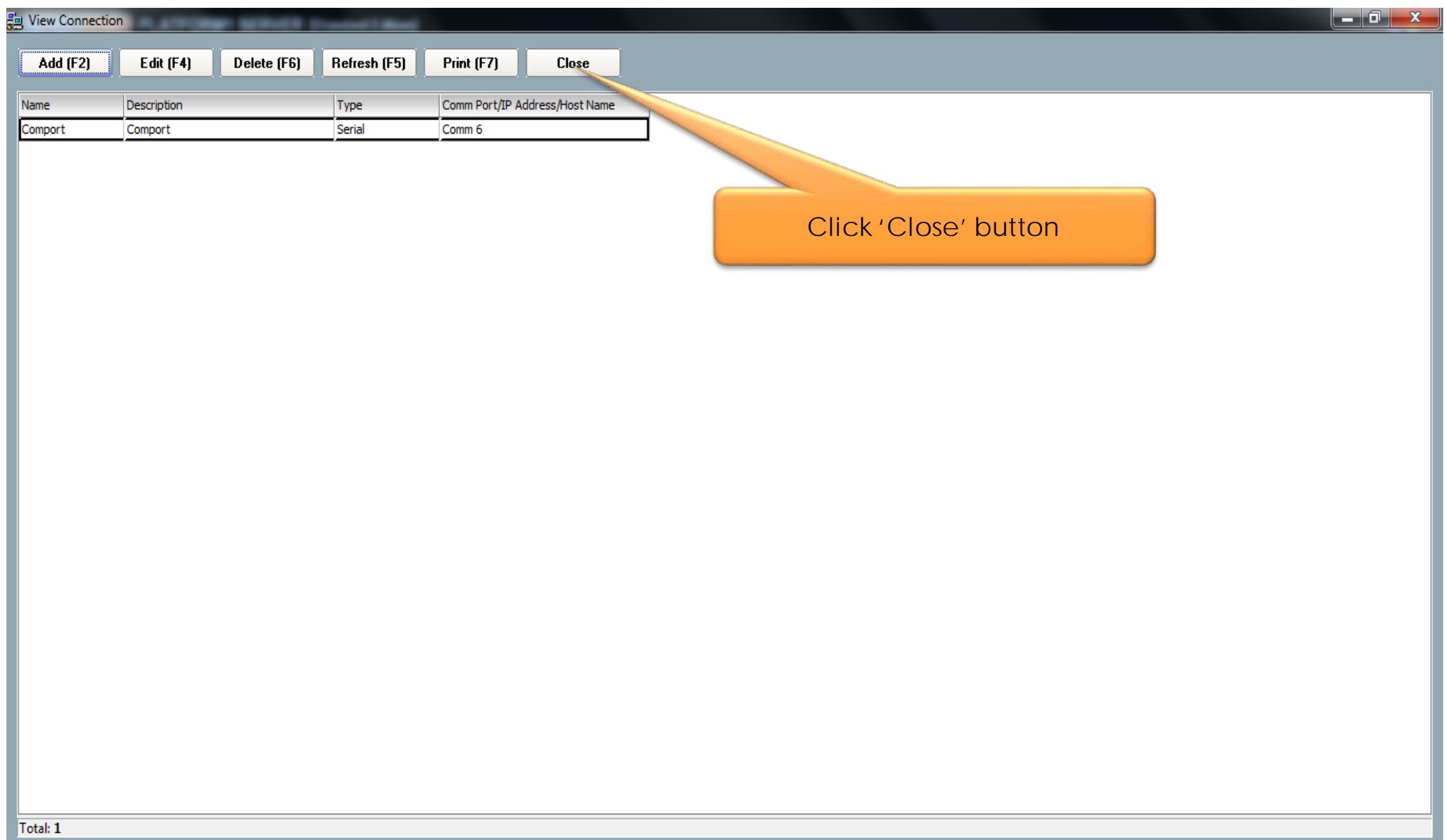


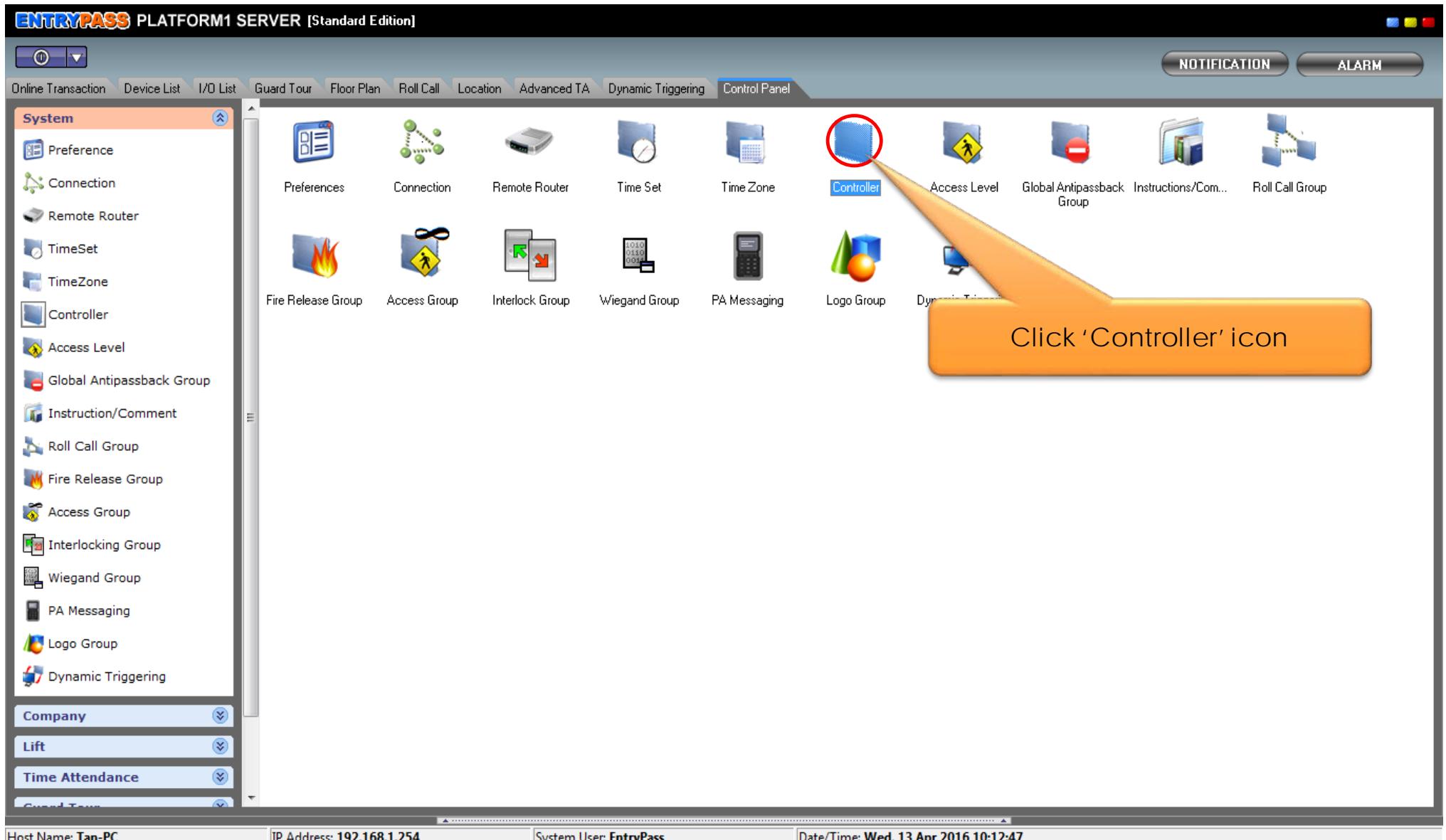


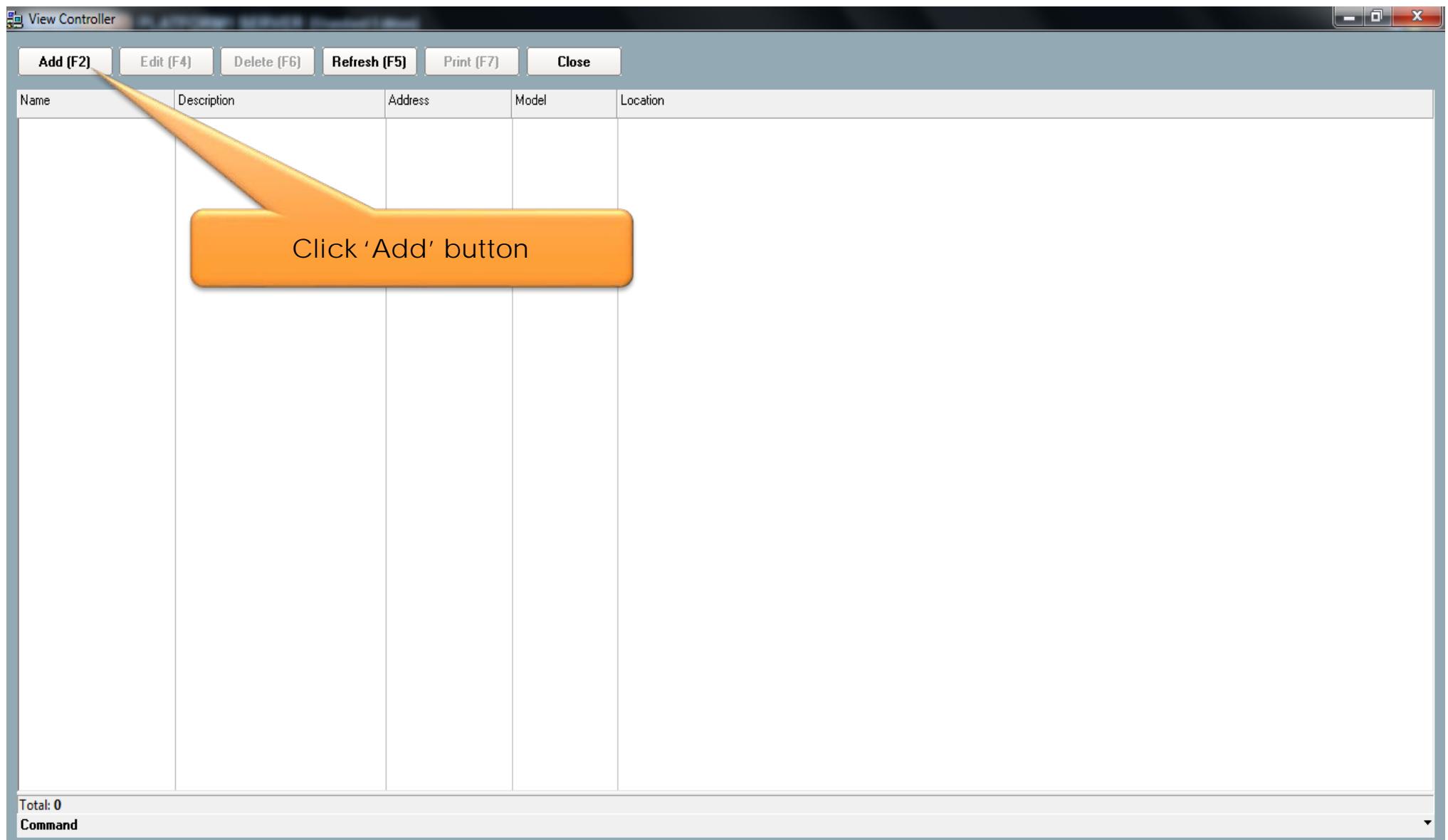


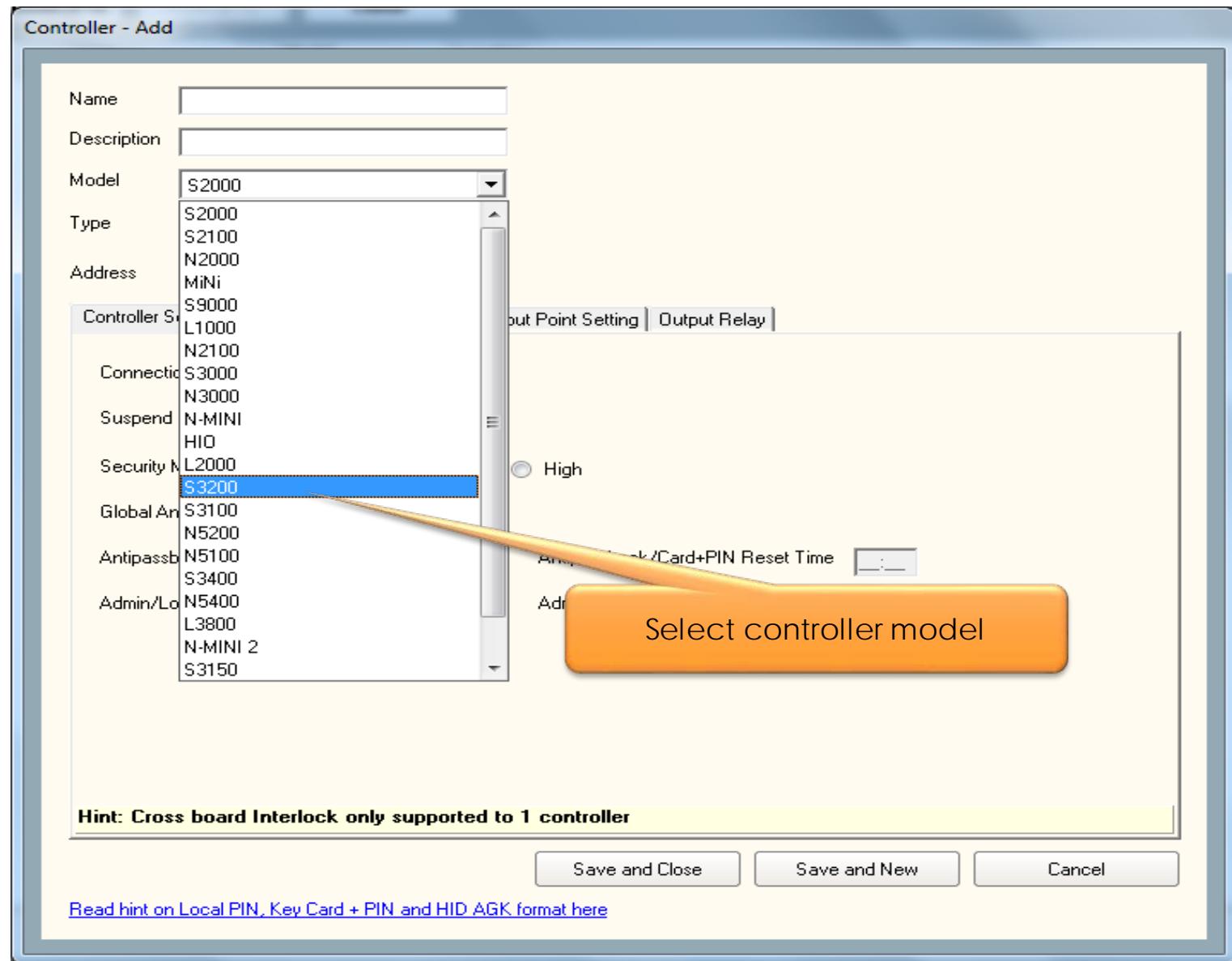
Notes: Please refer to Windows Control Panel → 'System' icon → 'Hardware' tab, and then click 'Device Manager' button for communication port information (based on Windows XP).

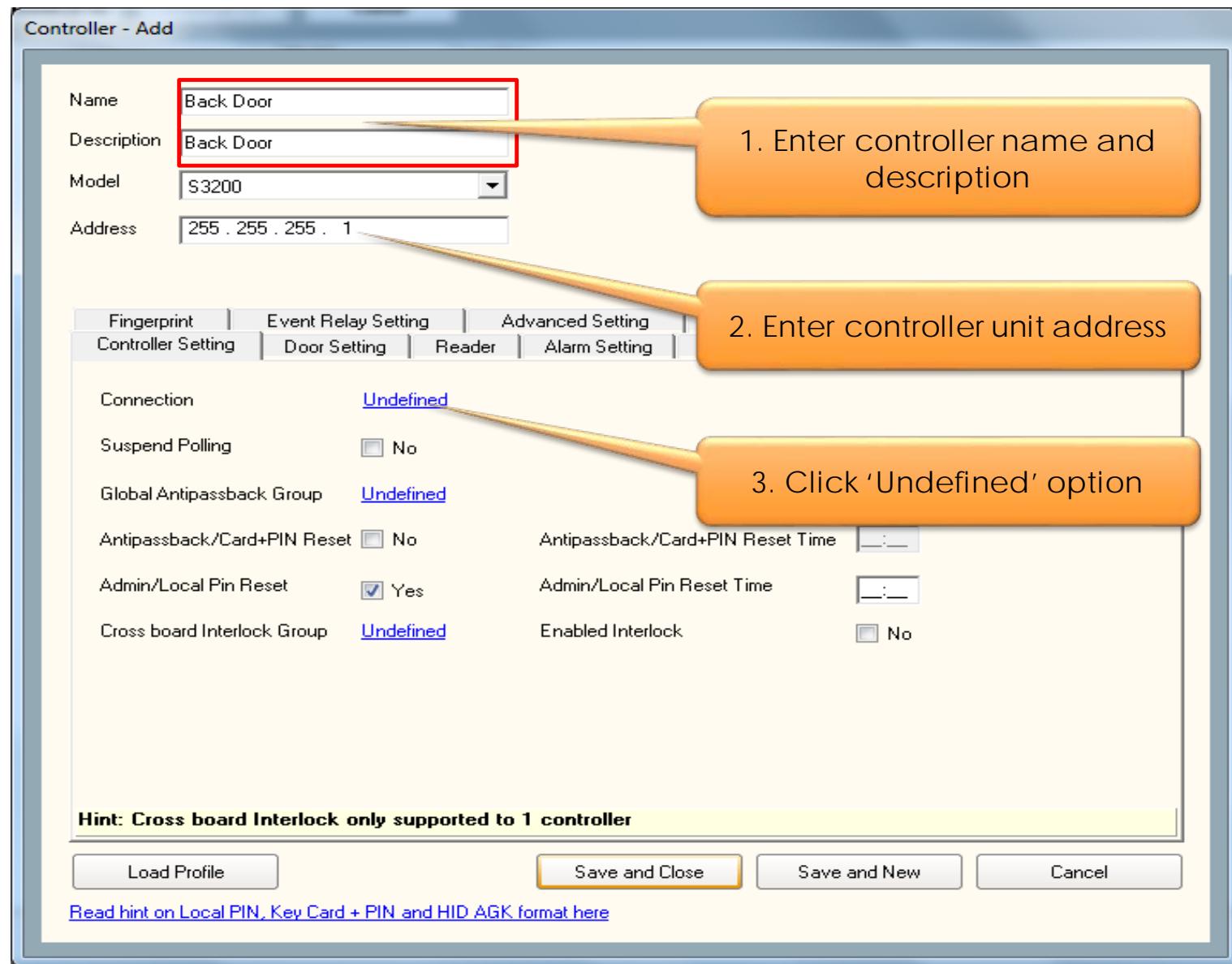






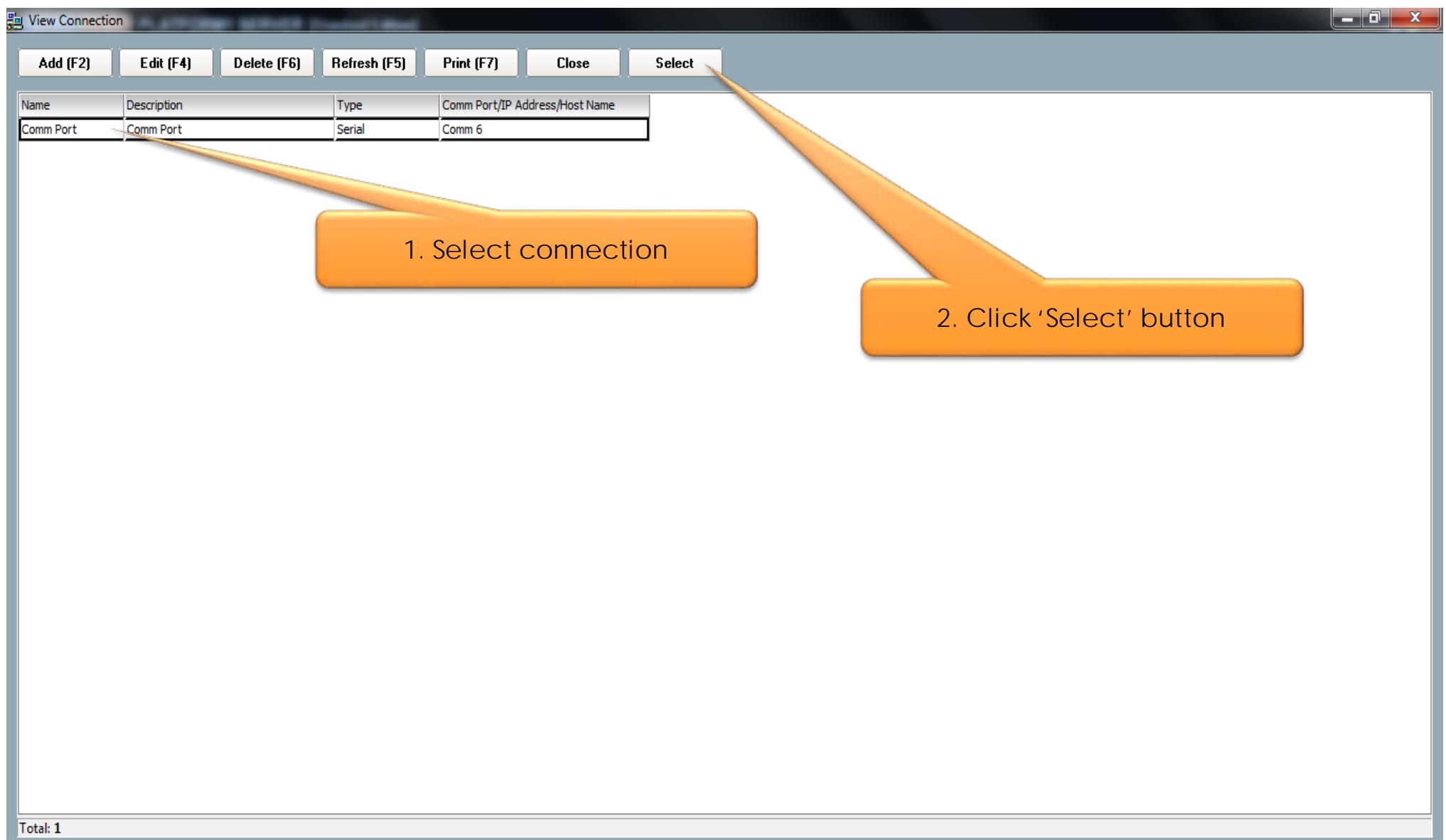


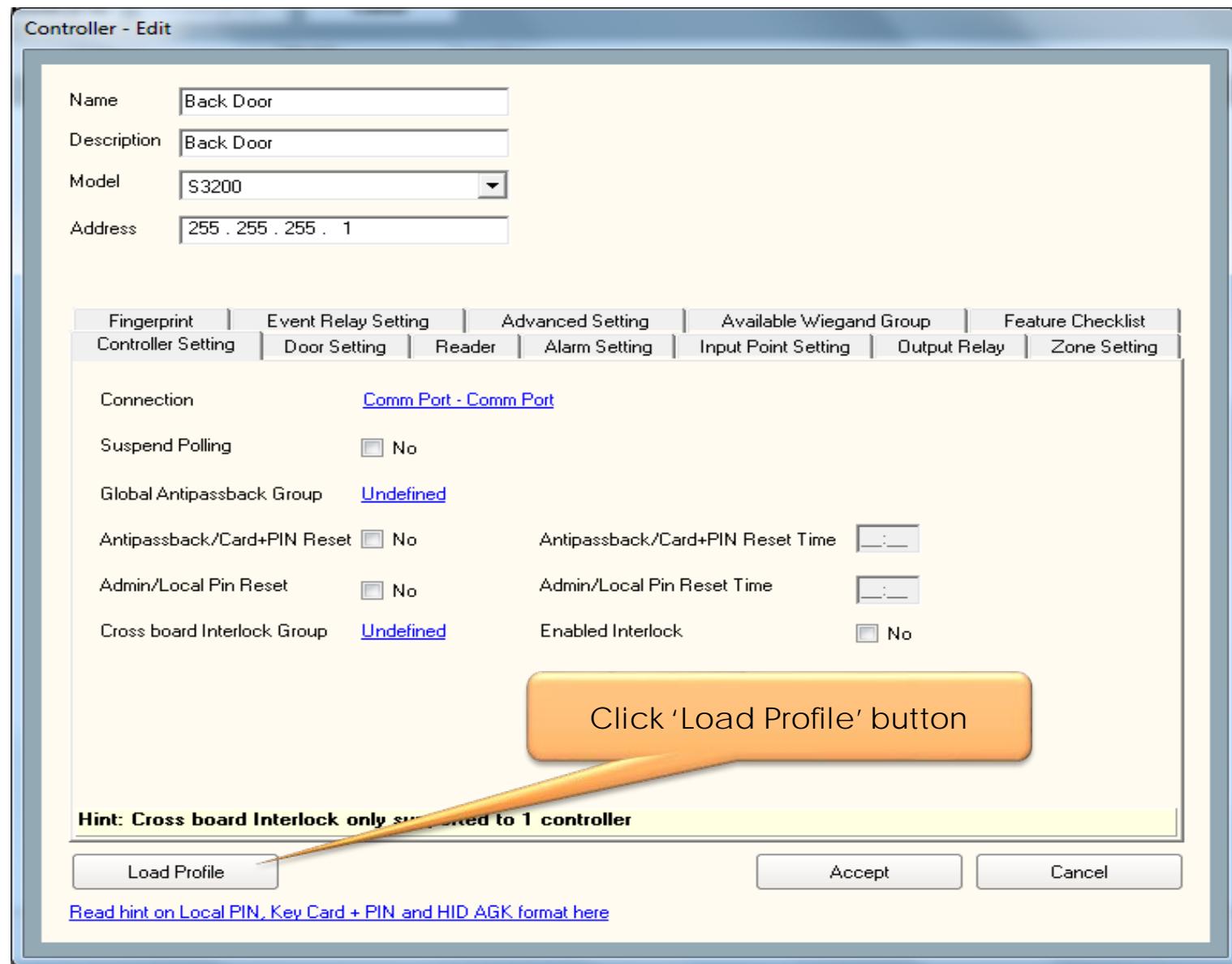




Notes: Unit address for HCB Serial Board is starting with 3 octets of 255, the last octets represents the dip-switch selected on the hardware controller (kindly refer [Appendix B](#) for Dip-Switch Addressing Table)

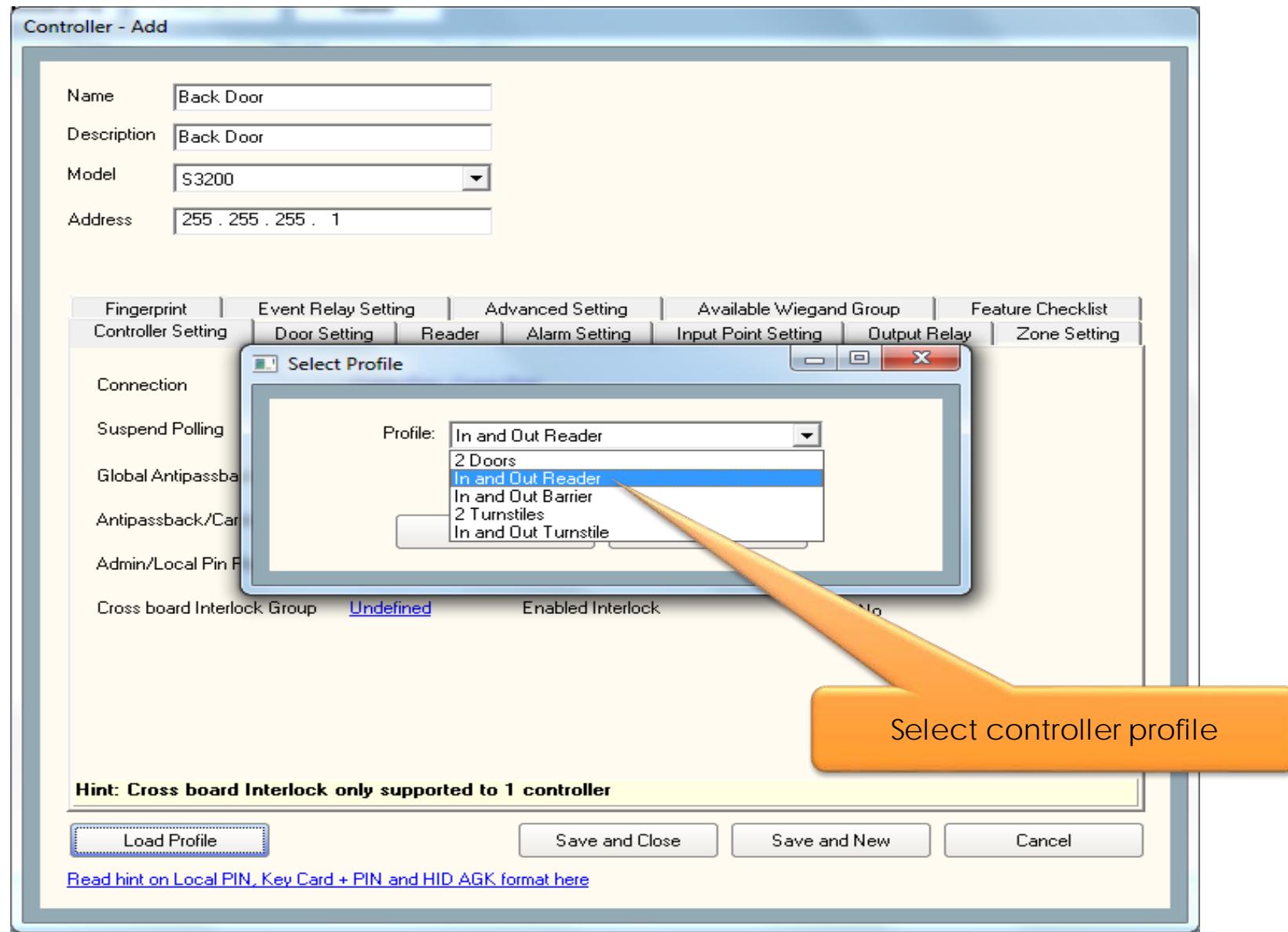


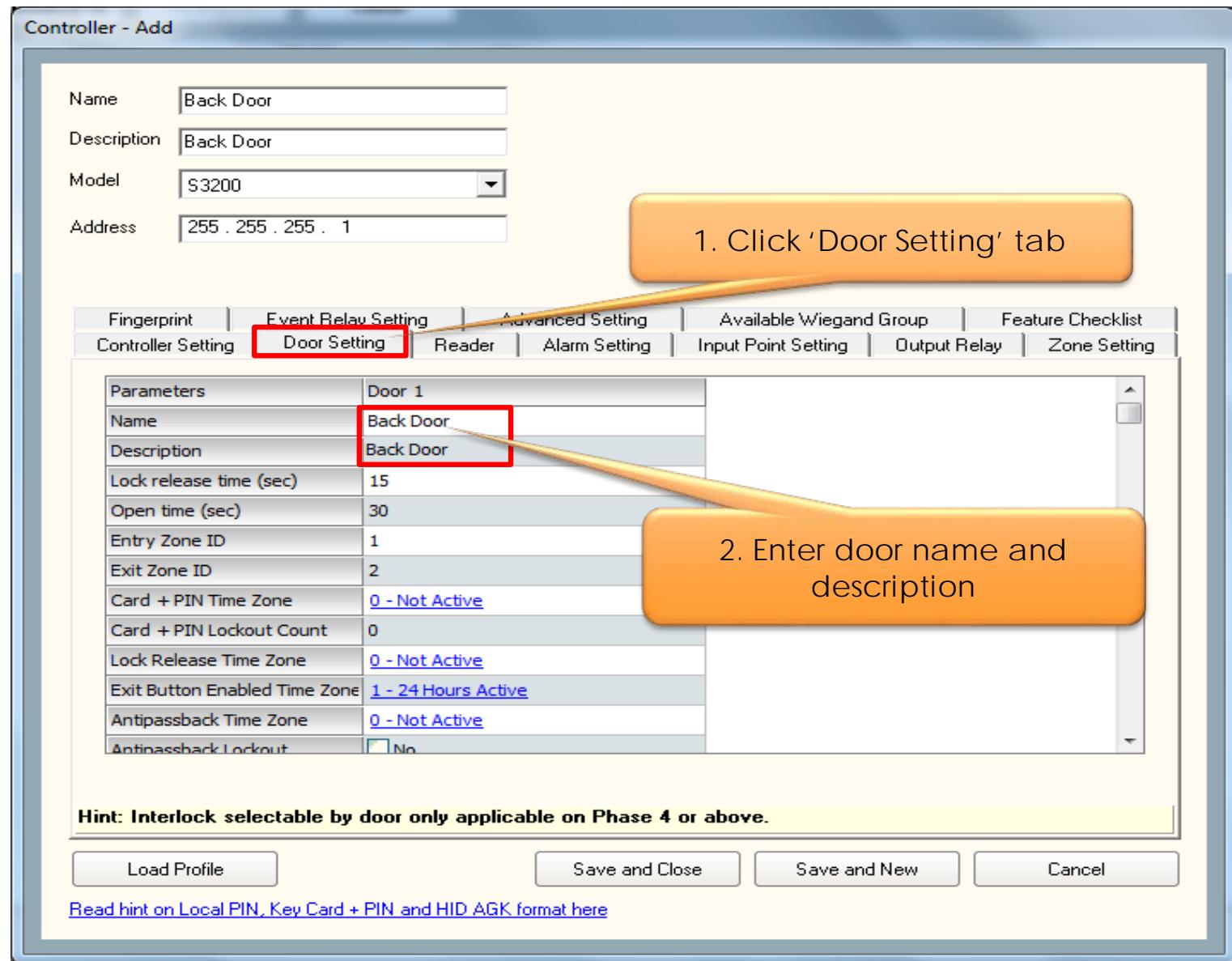




Notes: After selected the connection, the connection name will showing on the connection field.







Controller - Add

Name	Back Door
Description	Back Door
Model	S3200
Address	255 . 255 . 255 . 1

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	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-bit]	[Wiegand 26-bits, Wiegand 32-bit]
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	<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](#)

1. Click 'Reader' tab
2. Enter reader name and description



Controller - Add

Name	Back Door		
Description	Back Door		
Model	S3200		
Address	255 . 255 . 255 . 1		

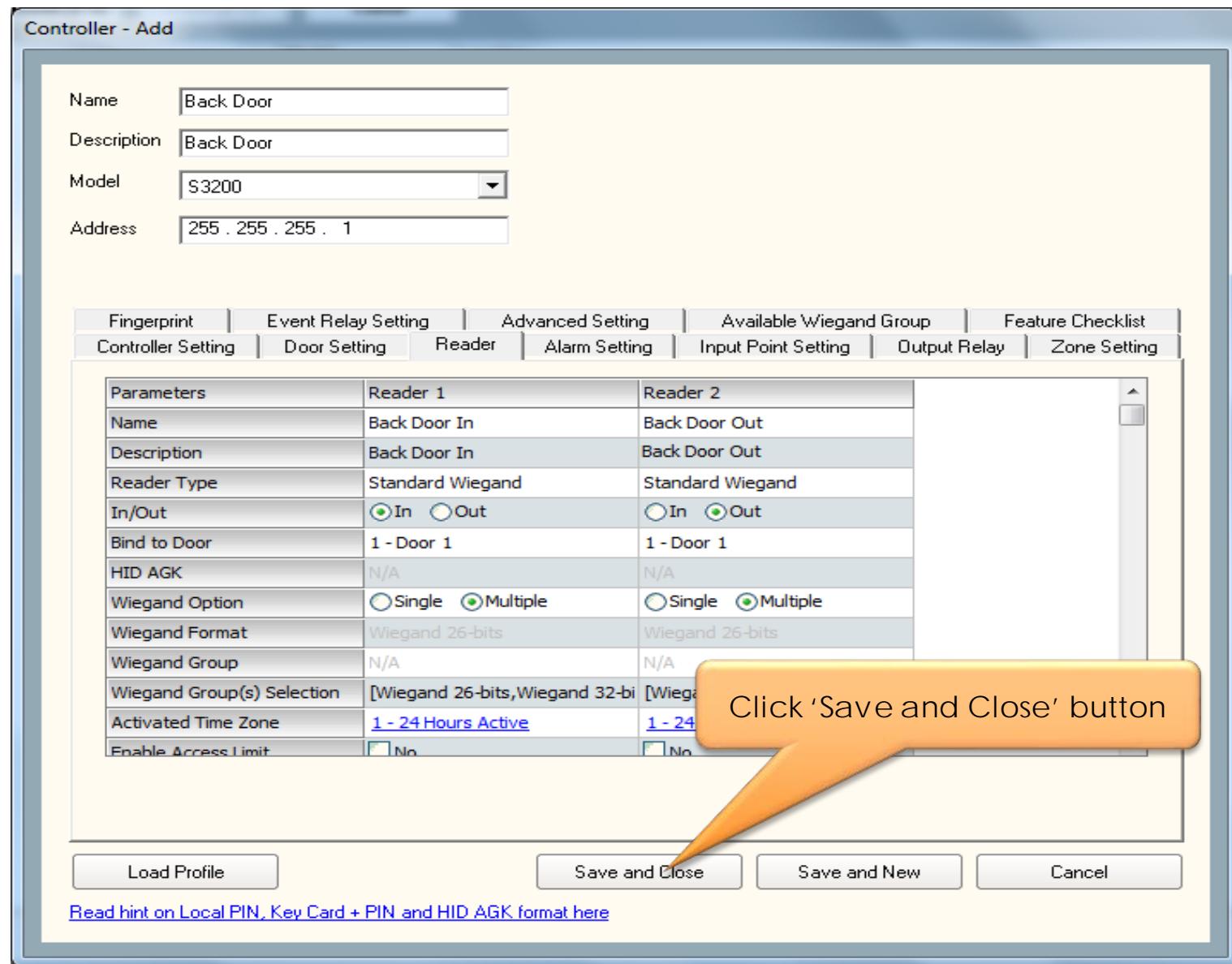
Fingerprint		Event Relay Setting		Advanced Setting		Available Wiegand Group		Feature Checklist					
Controller Setting		Door Setting		Reader		Alarm Setting		Input Point Setting		Output Relay		Zone Setting	
Parameters	Reader 1			Reader 2									
HID AGK	N/A			N/A									
Wiegand Option	<input type="radio"/> 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 32-bits <input checked="" type="checkbox"/> Wiegand 34-bits <input checked="" type="checkbox"/> Wiegand 35-bits <input checked="" type="checkbox"/> Wiegand 37-bits			<input type="checkbox"/> 1 <input type="checkbox"/> 0									
Enable Access Limit	<input type="checkbox"/> No			<input type="checkbox"/> No									
Bind to Zone													
Use Loop Detector													
Bypass Access Limit													
Use Built-in Tamper													
Lockdown during Tampered													

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

Supported Wiegand Format

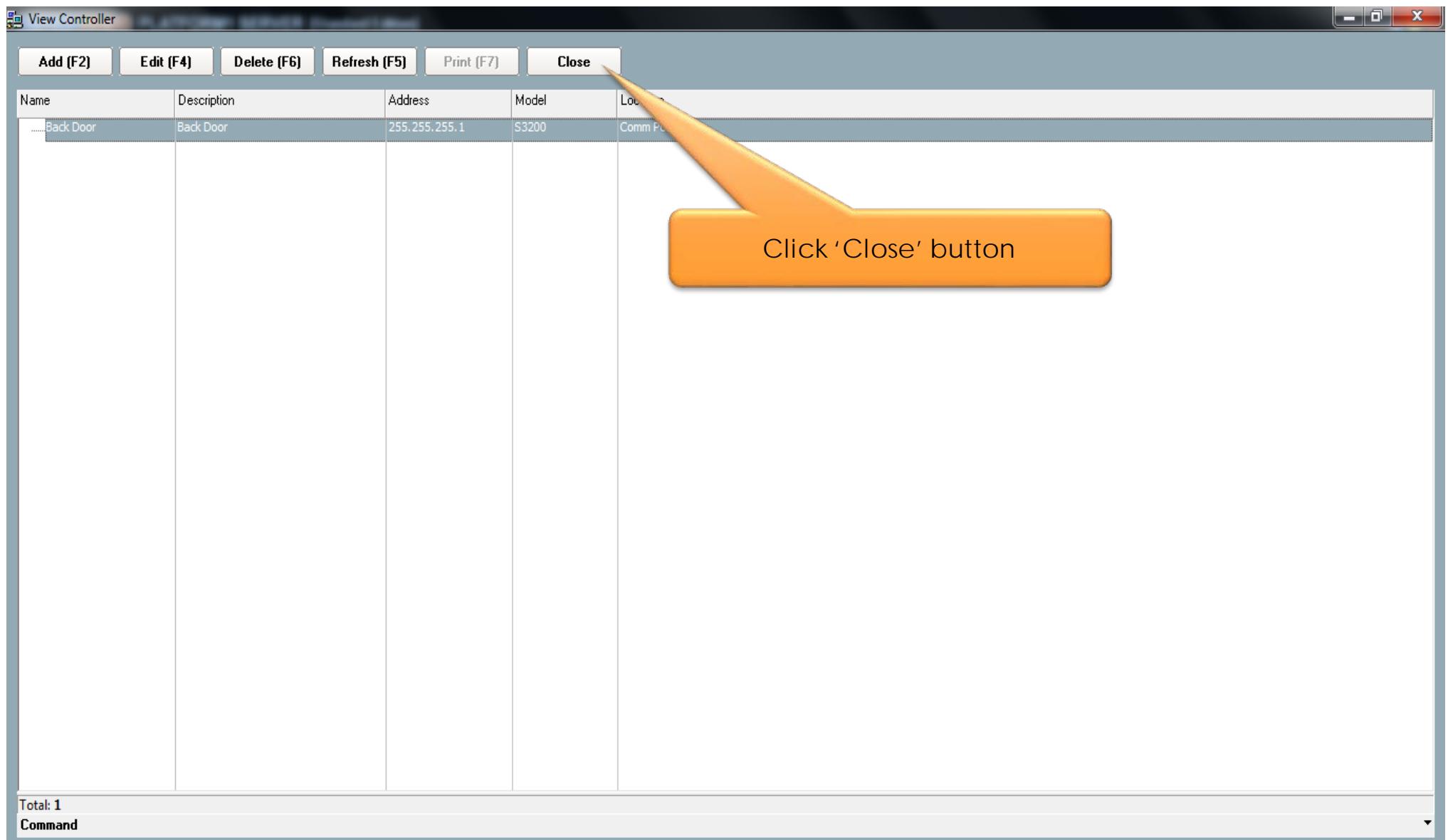
Notes: Default Wiegand Format is set to 26-bits, 32-bits, 34-bits, 35-bits, and 37-bits.





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





Click 'Close' button



Click 'Device List' tab

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



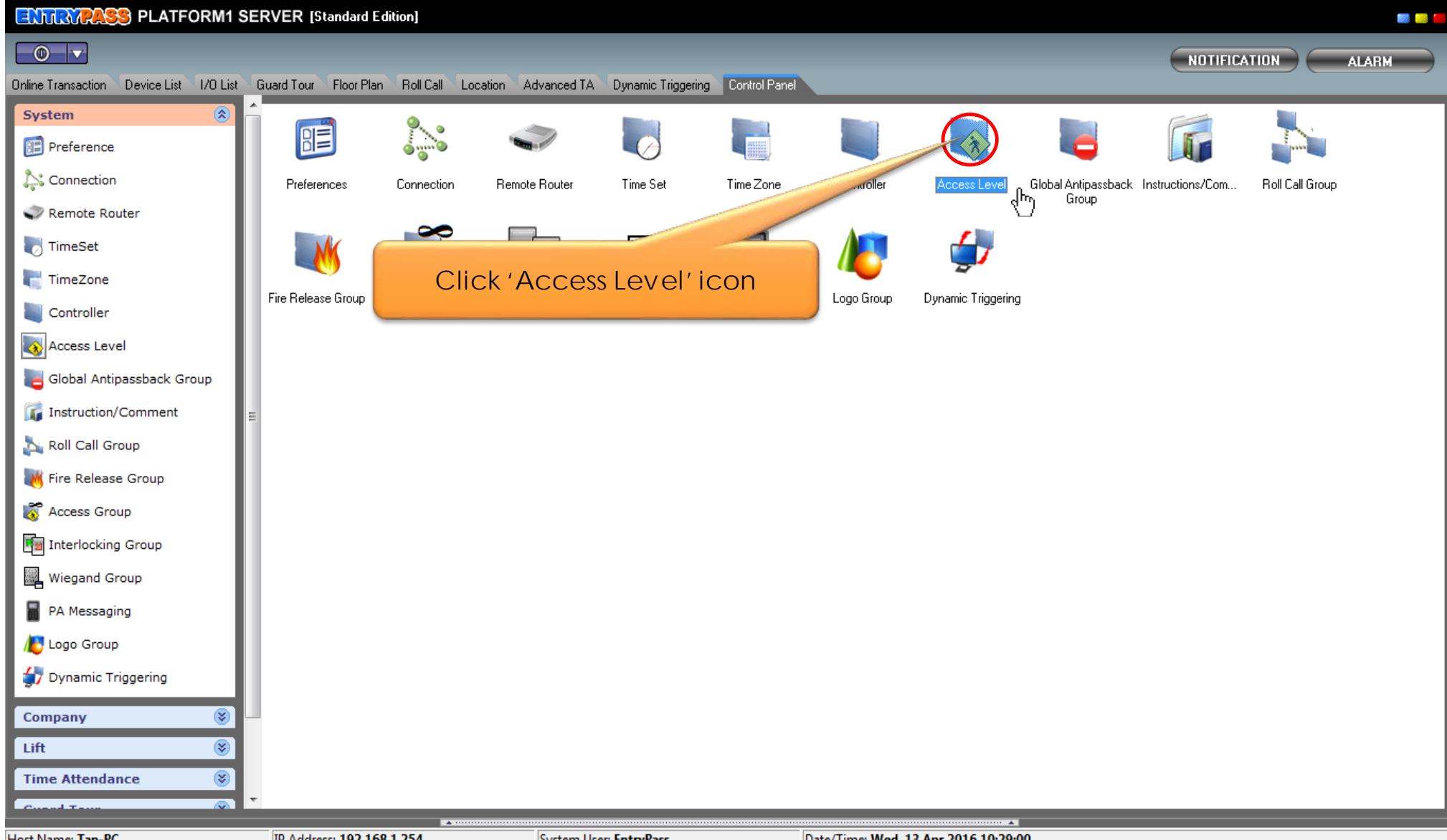
Difference Between Access Level And Access Group

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



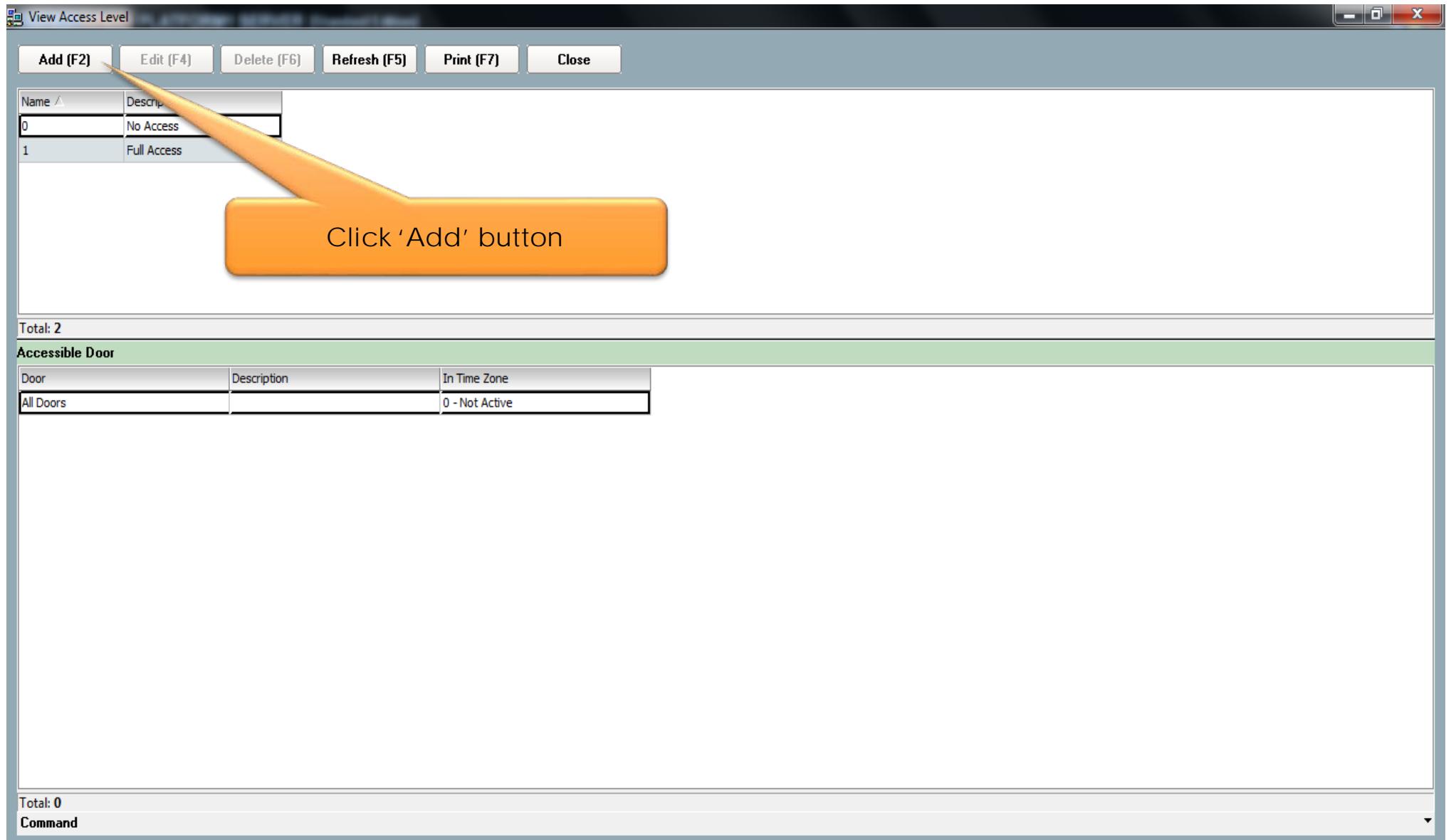
Create Access Level





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





Access Level - Add

Name	2
Description	Access Back Door

Accessible Door (Total: 0)

Add	Add All	Remove	Remove All
Door	Description	In Time Zone	

Available Door (Total: 1)

Door	Description
Back Door	

1. Enter access level name

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

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	2	<input type="button" value="▼"/>
Description: Access Back Door		
Door	Description	In Time Zone
Back Door	Back Door	1 - 24 Hours Active

1. Click 'Add' button

Accessible Door (Total: 1)

Add Add All Remove Remove All Change All TZ [0 - Not Active](#)

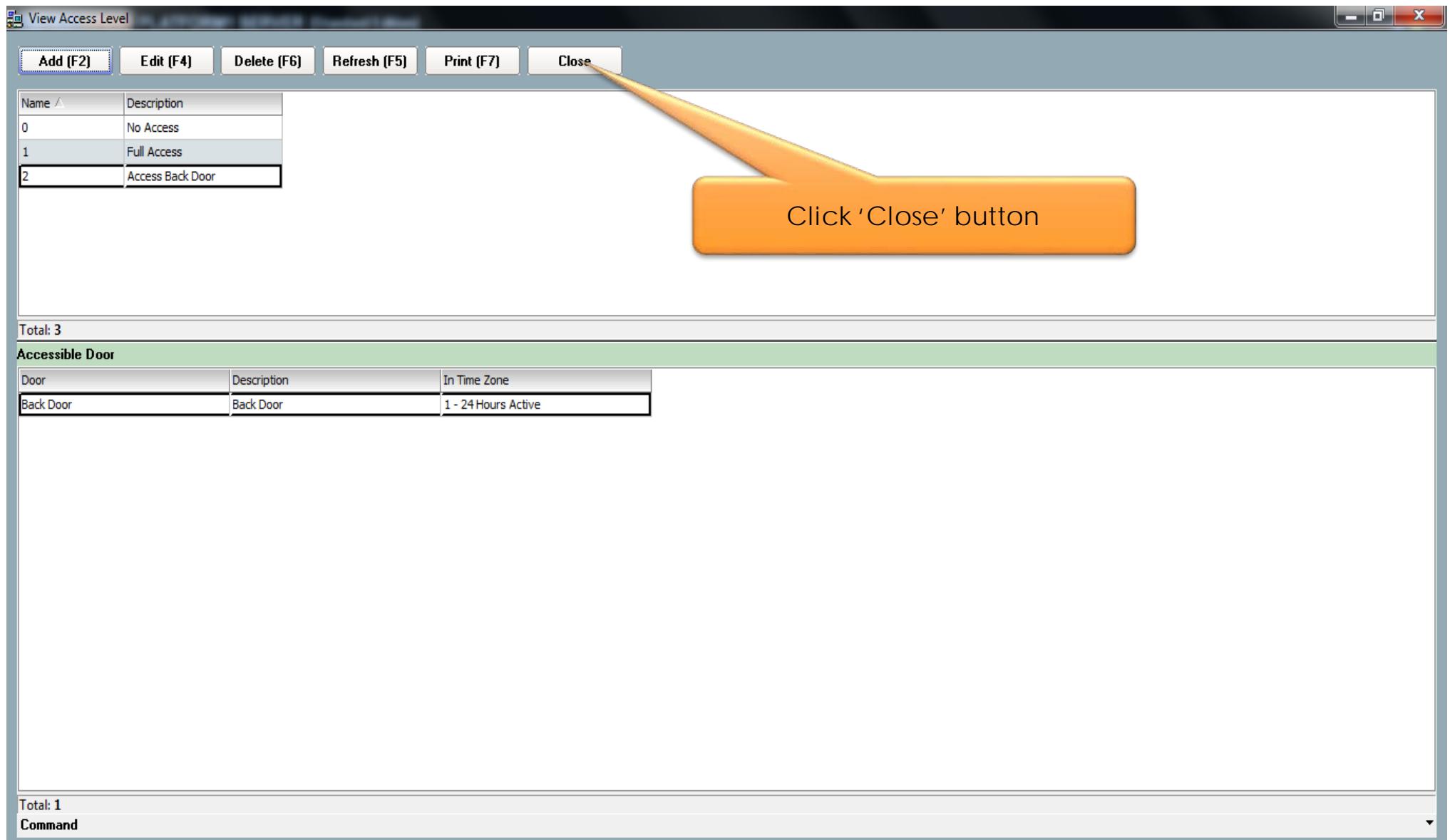
Door	Description

Available Door (Total: 0)

1. Click 'Add' button

2. Click 'Save and Close' button



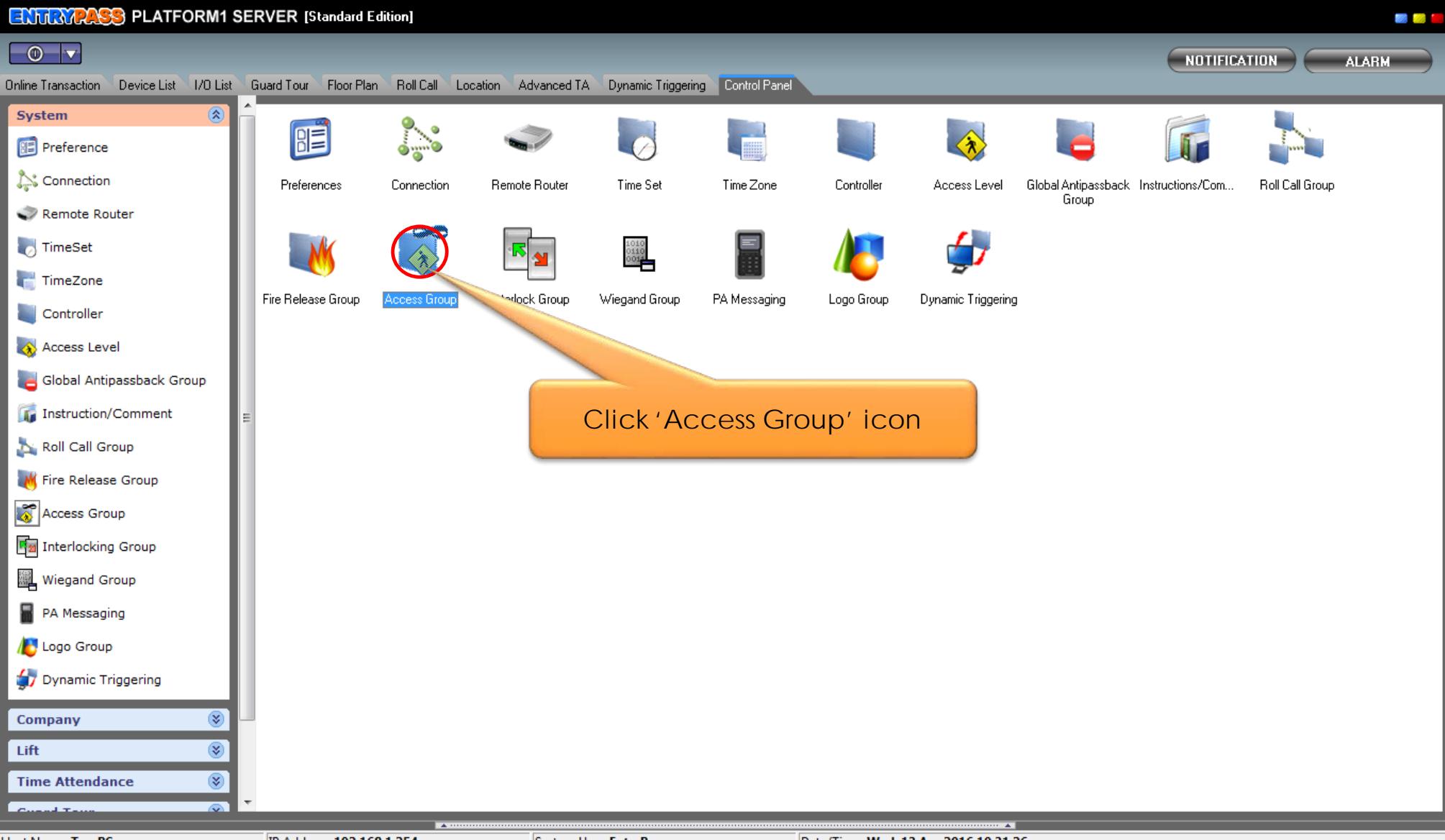


Notes: Maximum access level that you can create is 255 sets.



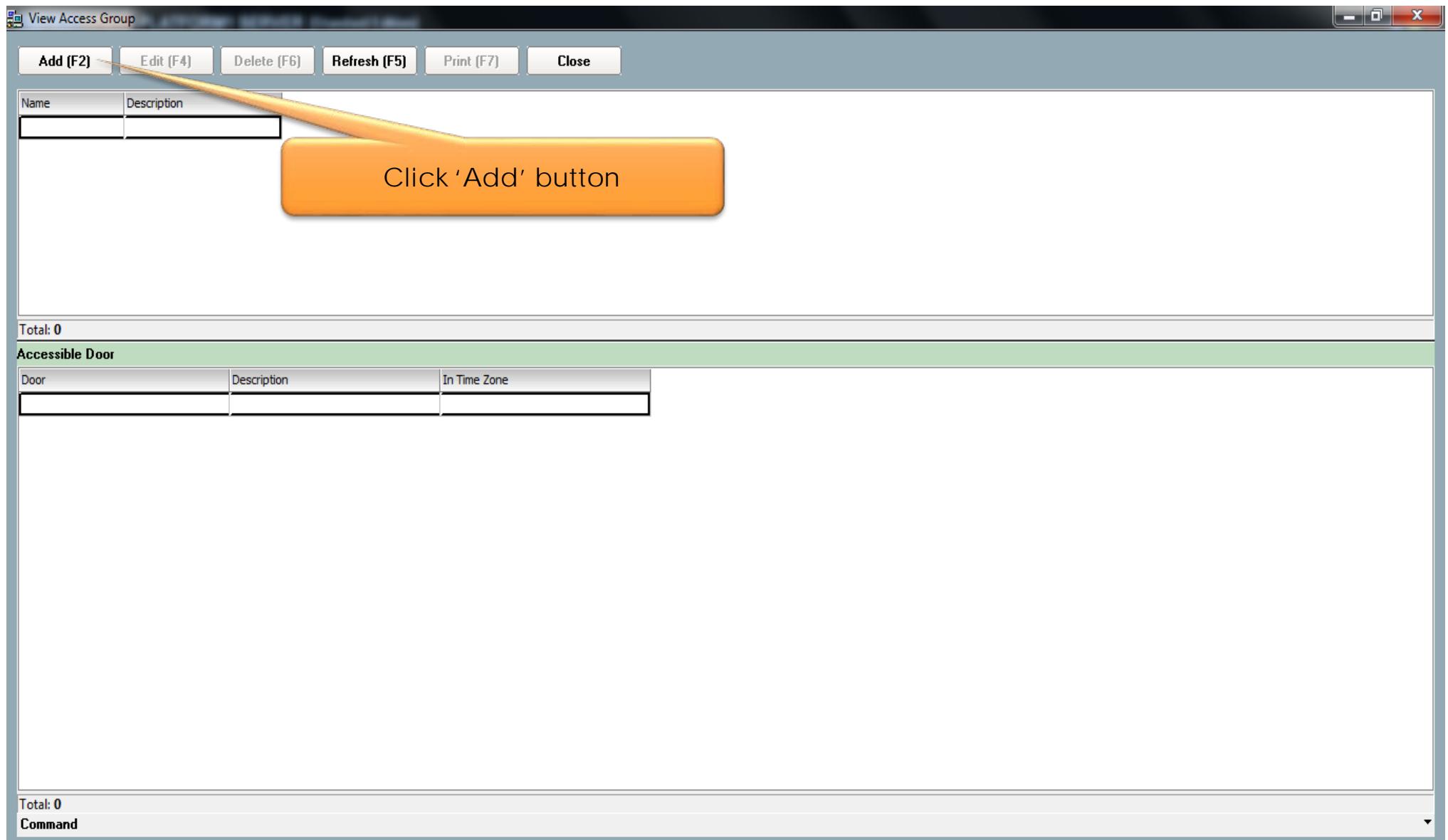
Create Access Group





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





Access Group - Add

Name	Access Main Door
Description	Access Main Door

1. Enter access group name and description

Door	Description	In Time Zone

Accessible Door (Total: 0)

Add Add All Remove Remove All Change All TZ 0 - Not Active

Available Door Listing Incompatible Door Listing

Door	Description
Main Door	Main Door
Back Door	Back Door

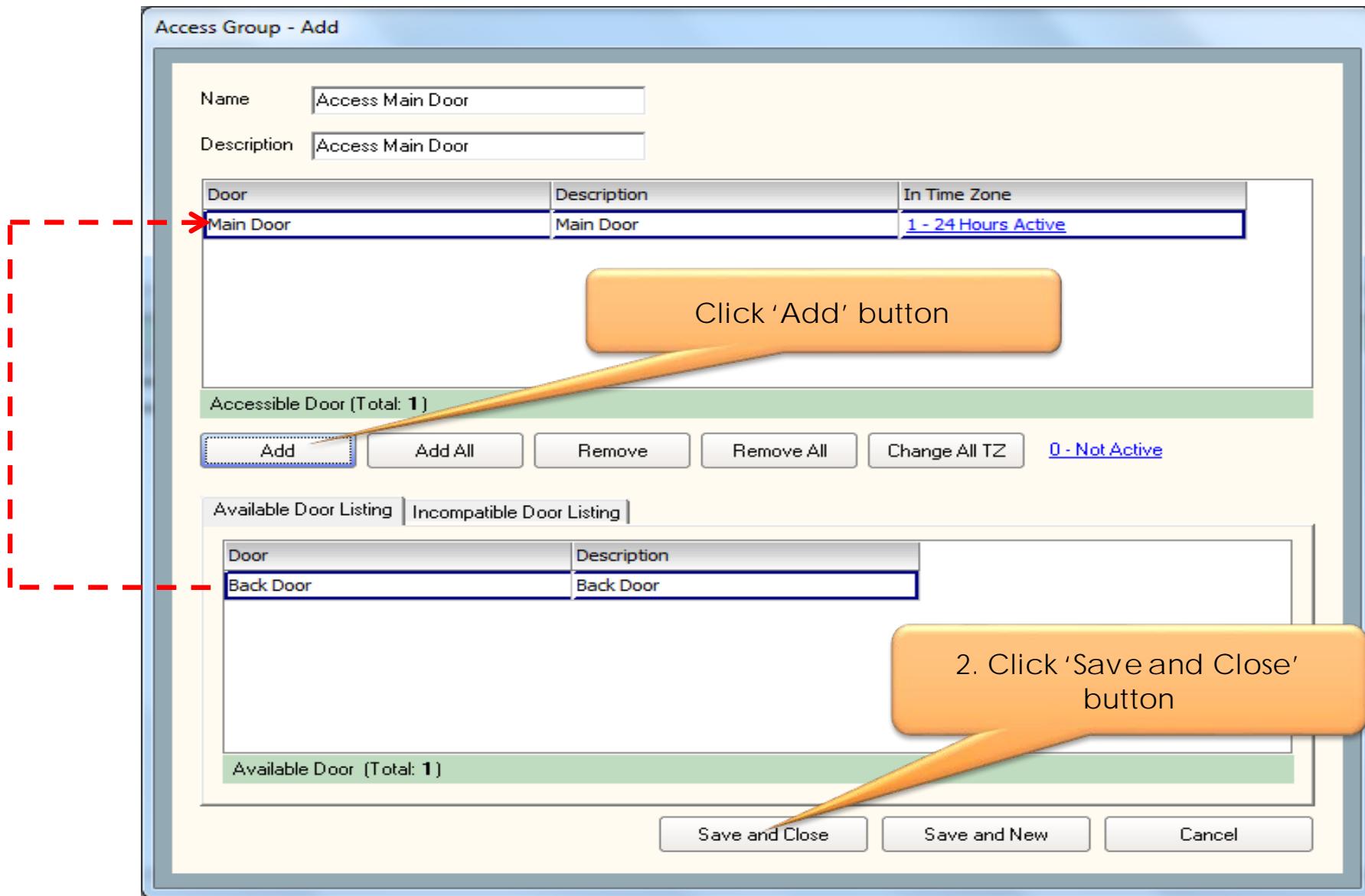
Available Door (Total: 2)

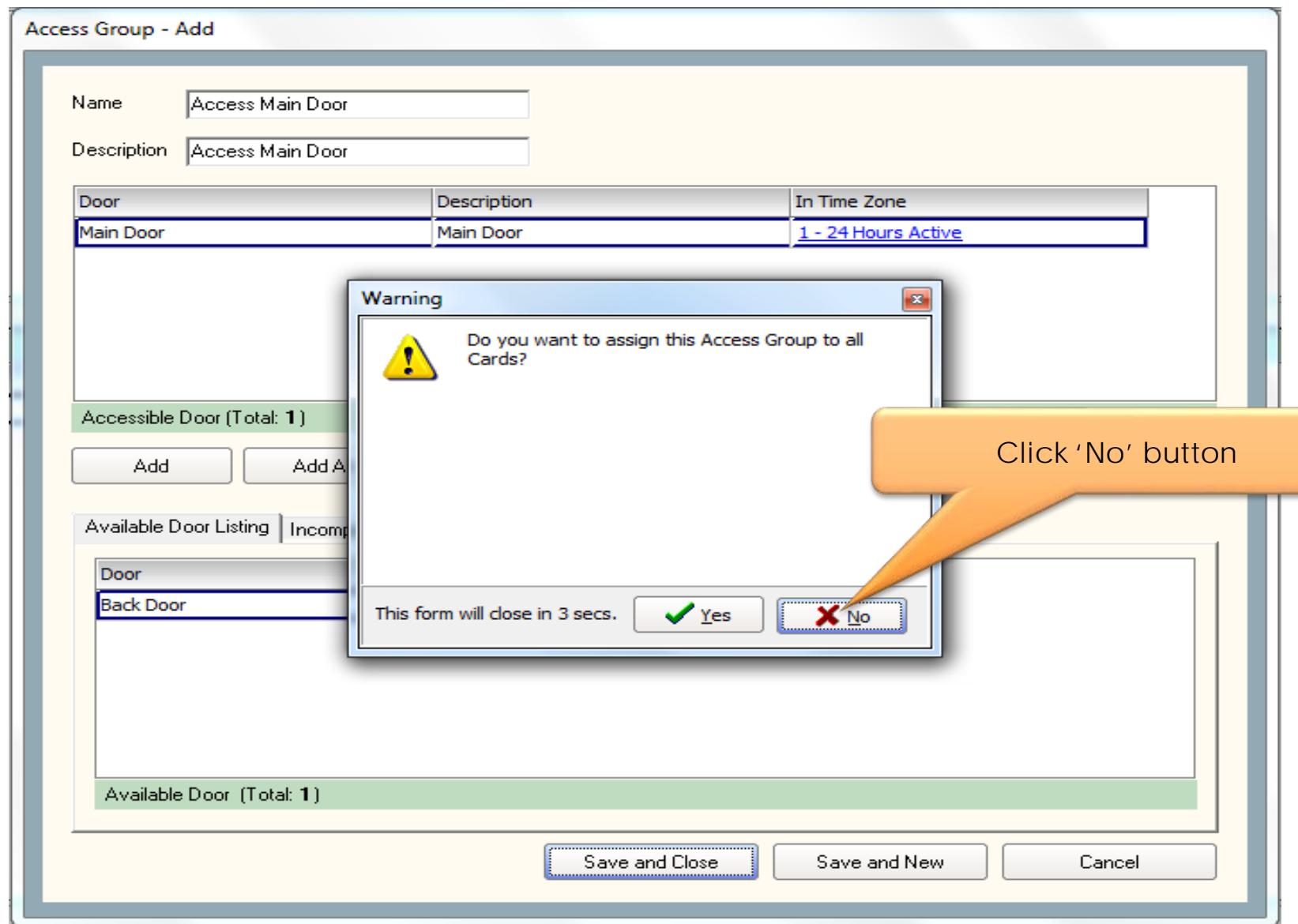
Save and Close Save and New Cancel

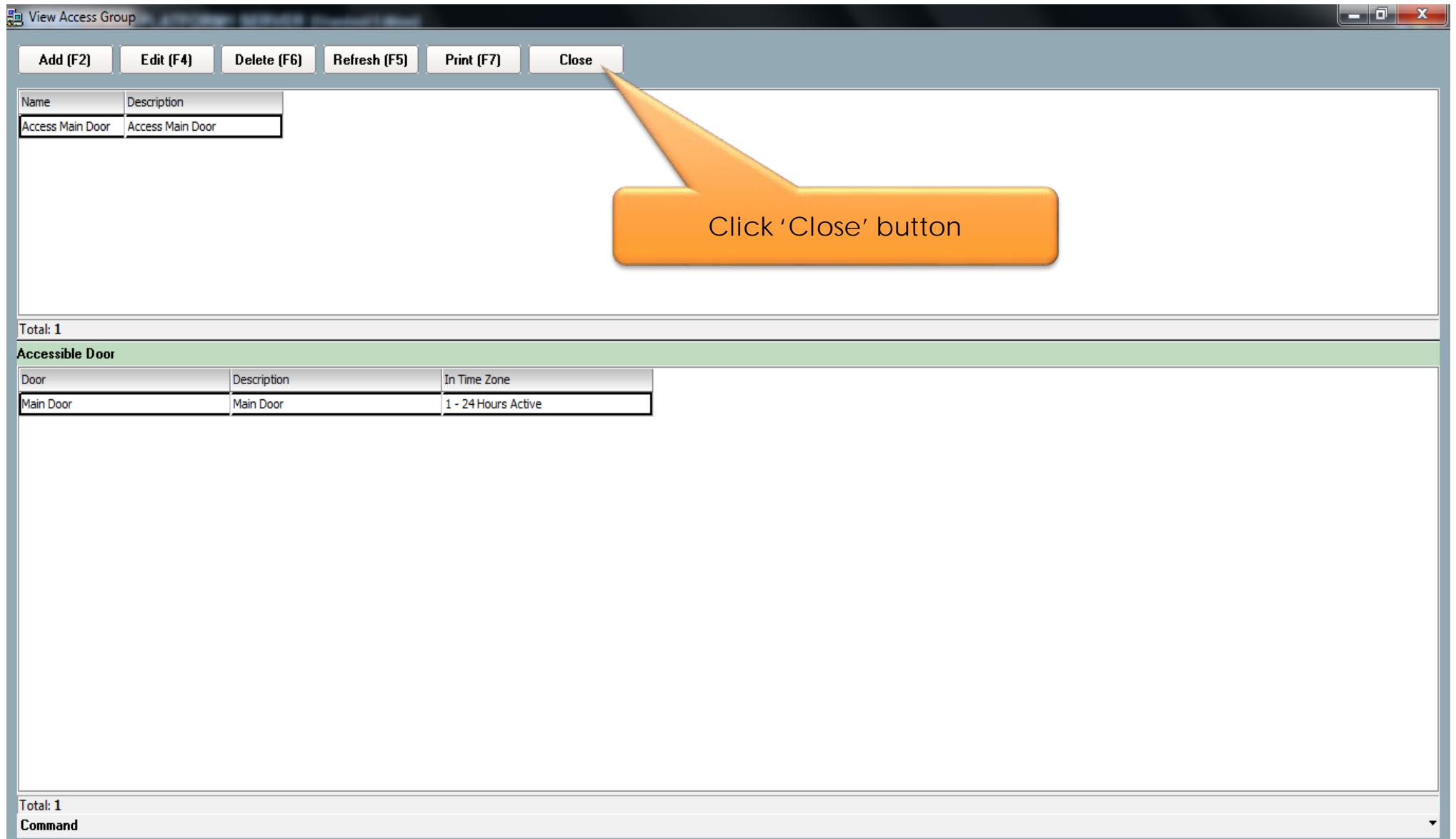
1. Enter access group name and description

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







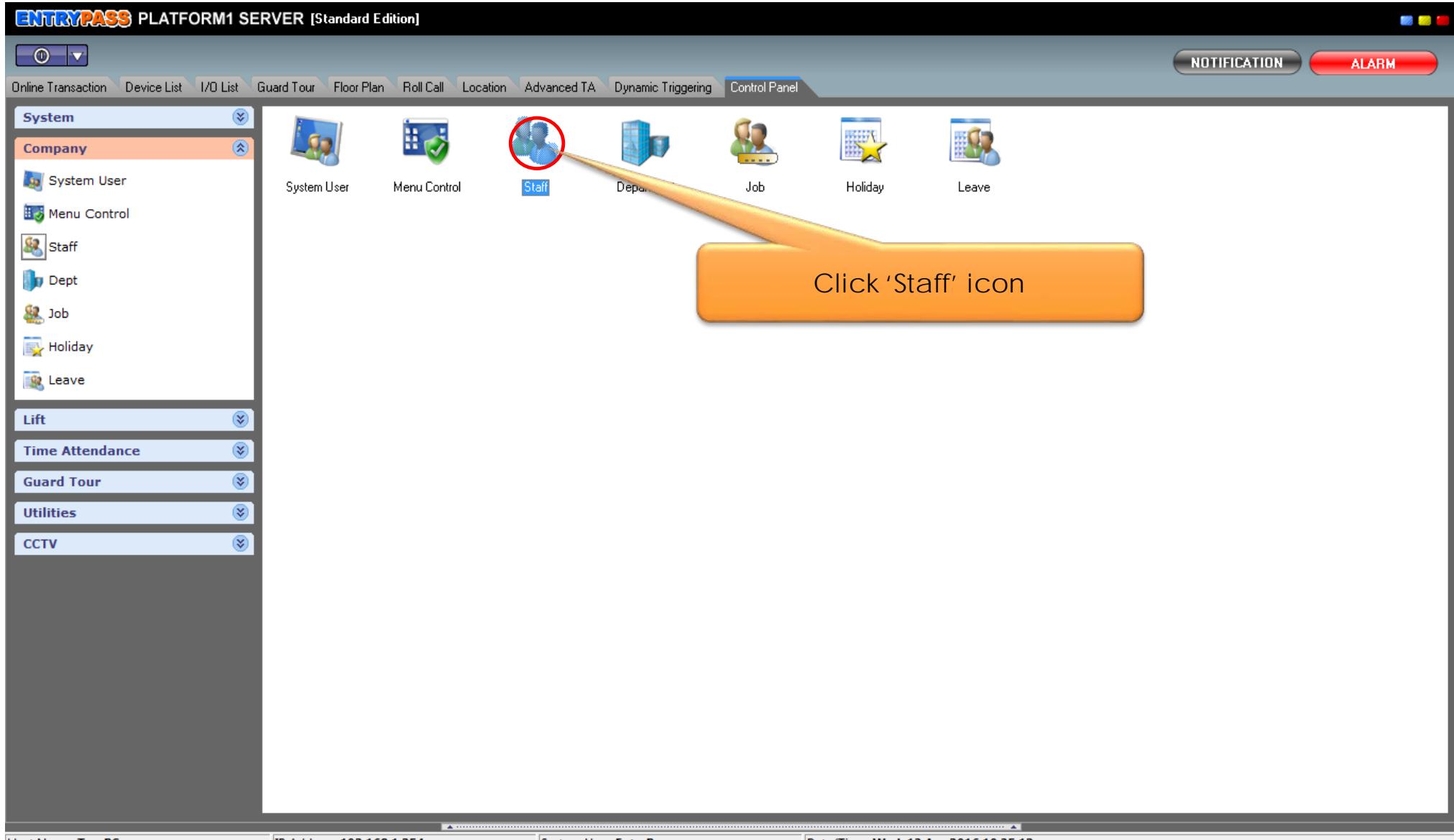


Notes: You can create unlimited access group.



How To Create Staff And Card Data





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



View Staff

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Find (F3) Close

Filter View
Filter By Staff No.
Filter Value

Classic View
This view shows all staff and will take a longer time to display.

NOTE: When filter by card's condition: if cardholder holds multiple cards, the staff will be displayed in black color.

Click 'Add' button

Record 0 to 0 of 0

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

Total Staff on screen: 0

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

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)

Enter staff no. and name

Load Clear

Last Modified Date: -

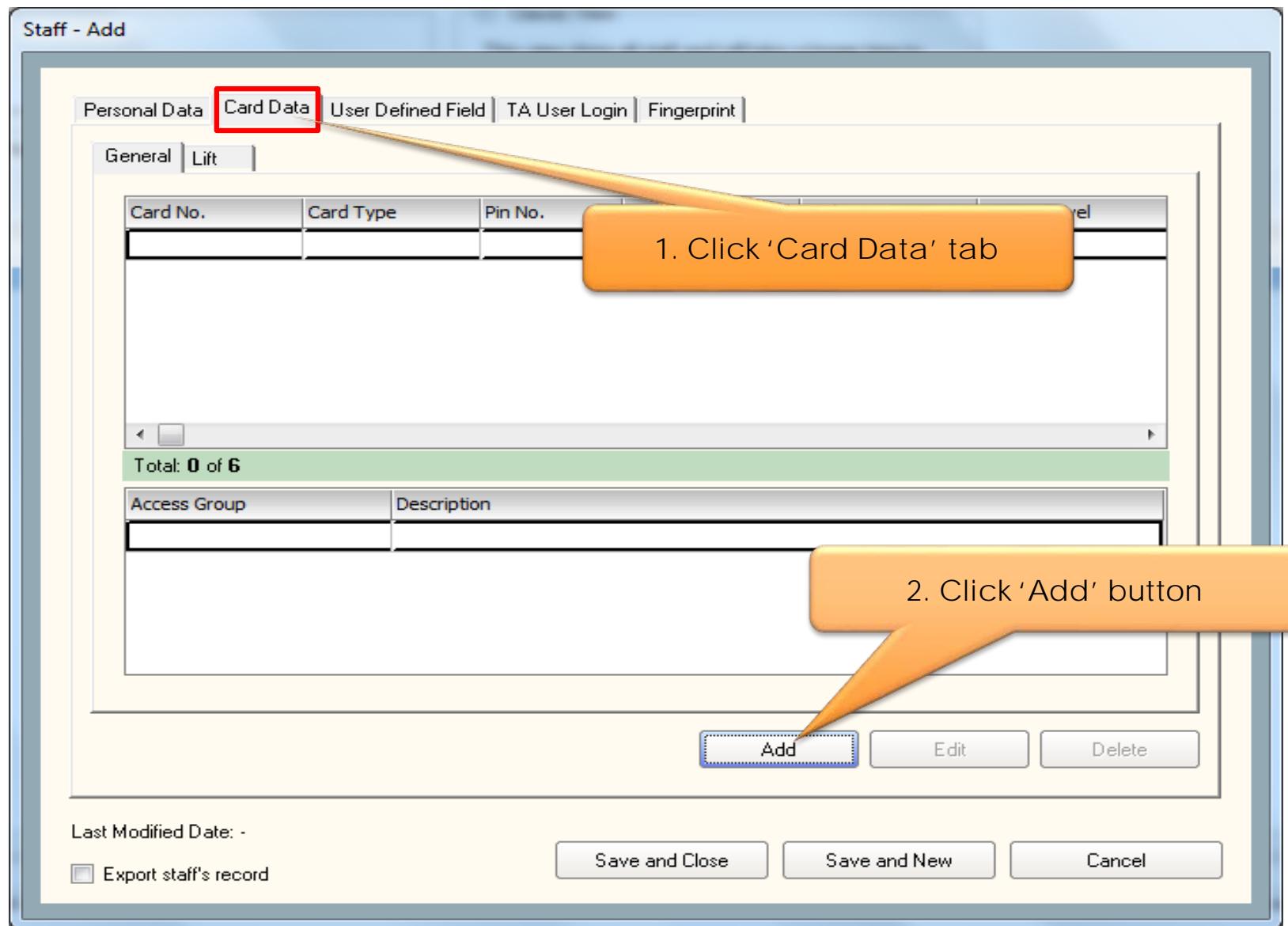
Export staff's record

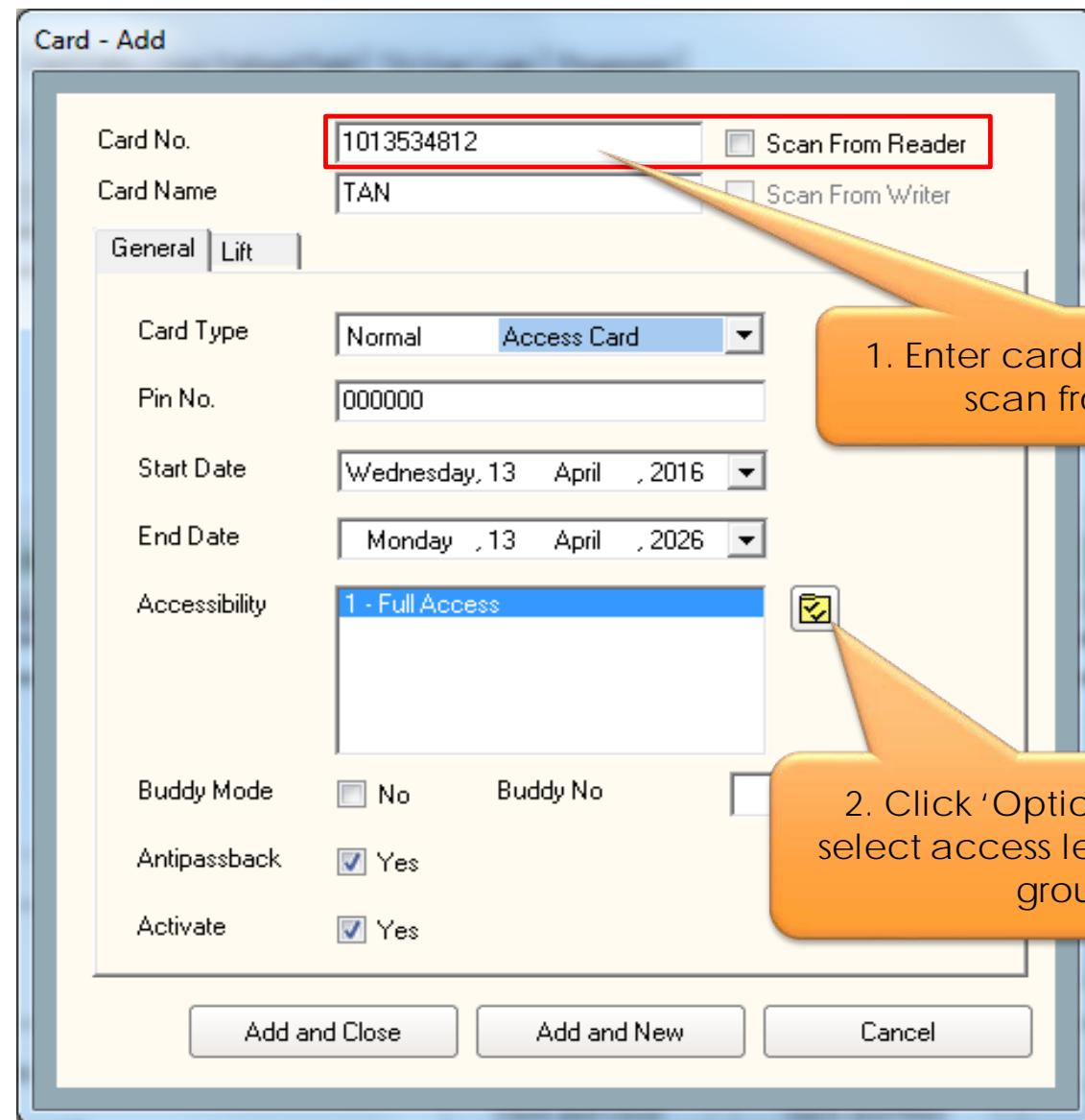
Save and Close Save and New Cancel

Notes: Staff No. cannot support the following symbols:

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



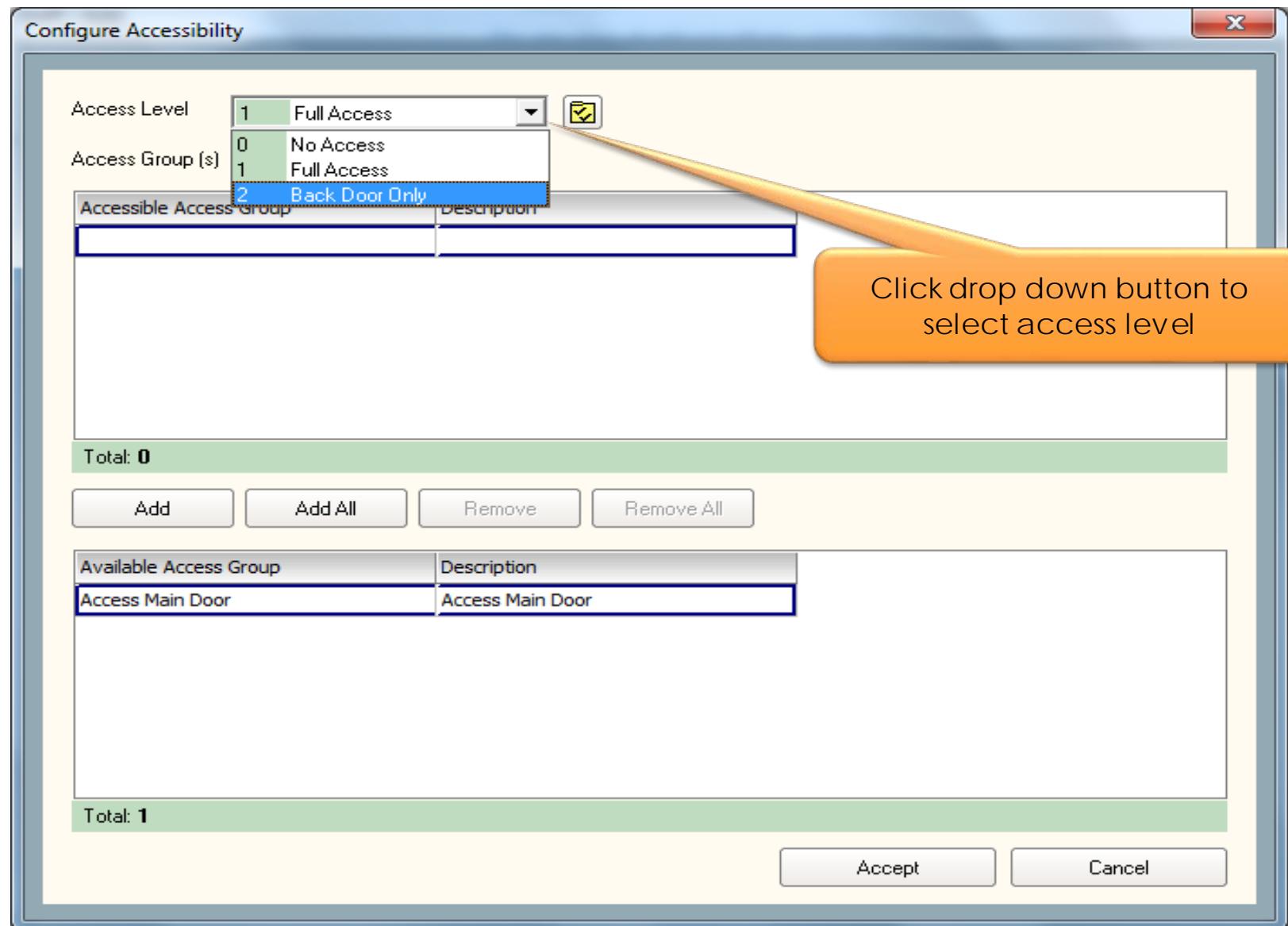




1. Enter card no. manually or scan from reader

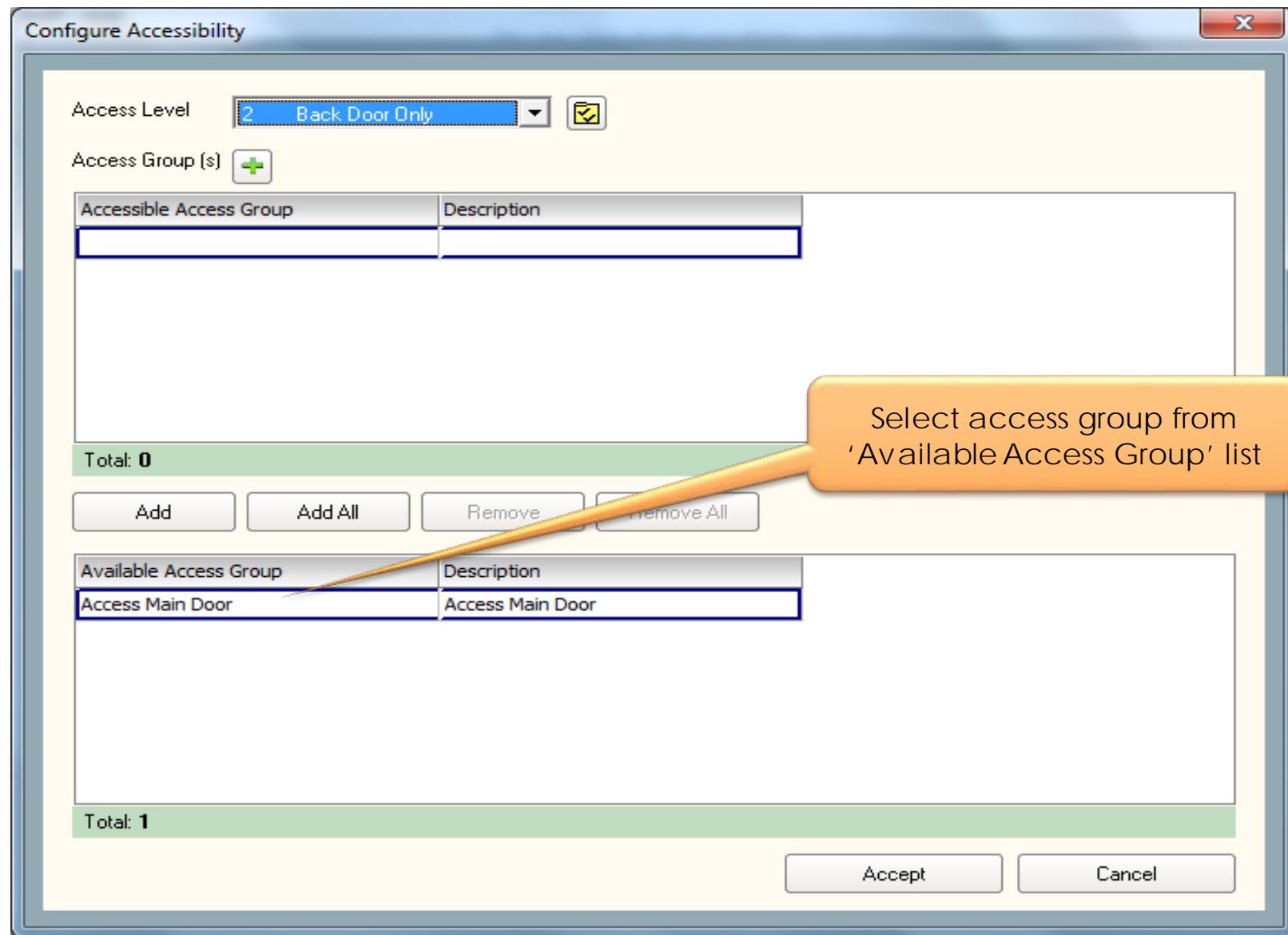
2. Click 'Option' button to select access level or access group





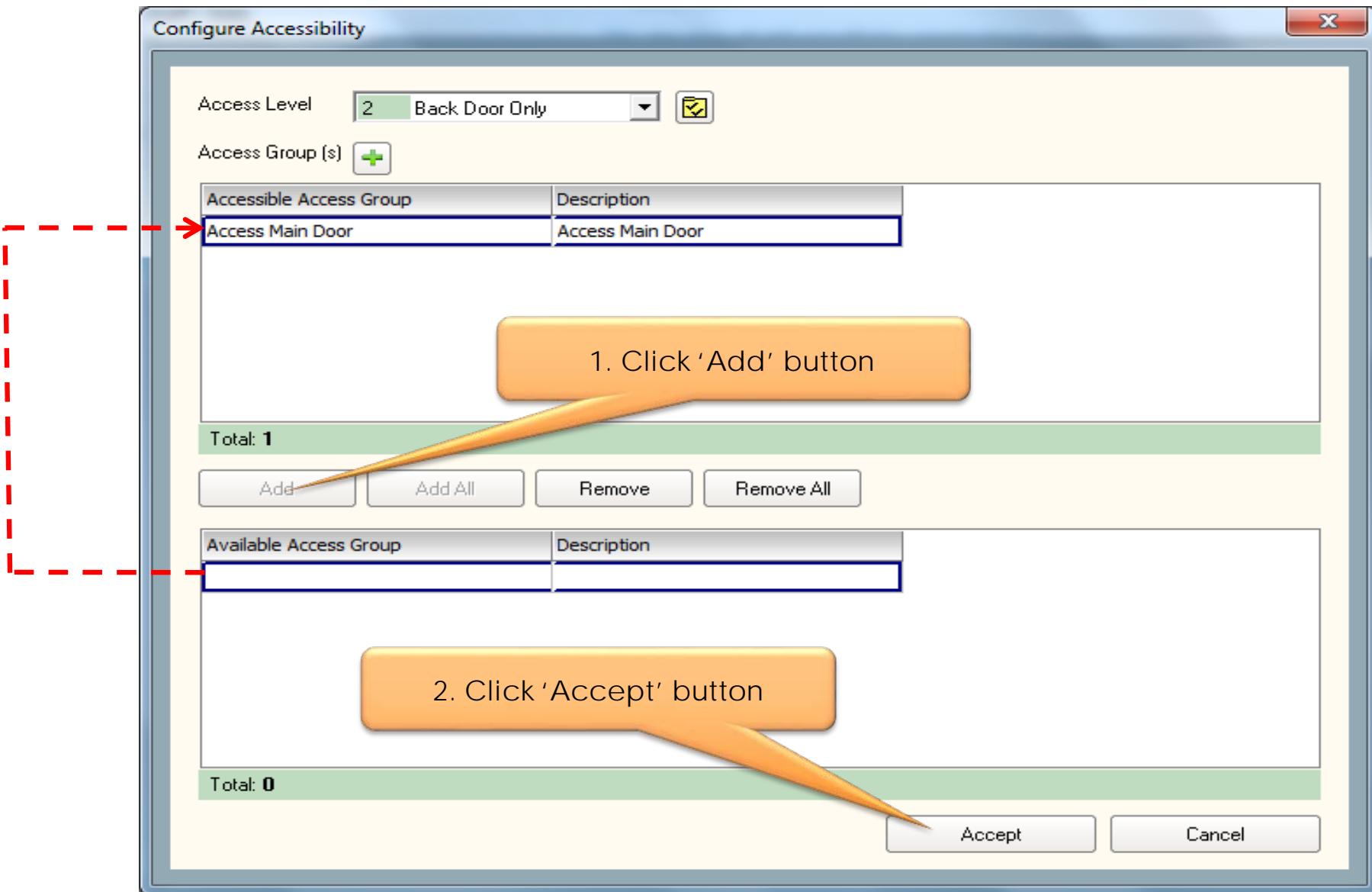
Notes: The following controllers support **Access Level**: Controller model: **MINI, NMINI, S3150, N5150**





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





Card - Add

Card No.	1013534812	<input type="checkbox"/> Scan From Reader
Card Name	TAN	<input type="checkbox"/> Scan From Writer
General Lift		
Card Type	Normal	Access Card
Pin No.	000000	
Start Date	Wednesday, 13 April , 2016	
End Date	Monday , 13 April , 2026	
Accessibility	2 - Back Door Only Access Main Door - Access Main Door <input checked="" type="checkbox"/>	
Buddy Mode	<input type="checkbox"/> No	Buddy
Antipassback	<input checked="" type="checkbox"/> Yes	
Activate	<input checked="" type="checkbox"/> Yes	
Add and Close Add and New Cancel		

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

Last Modified Date: -

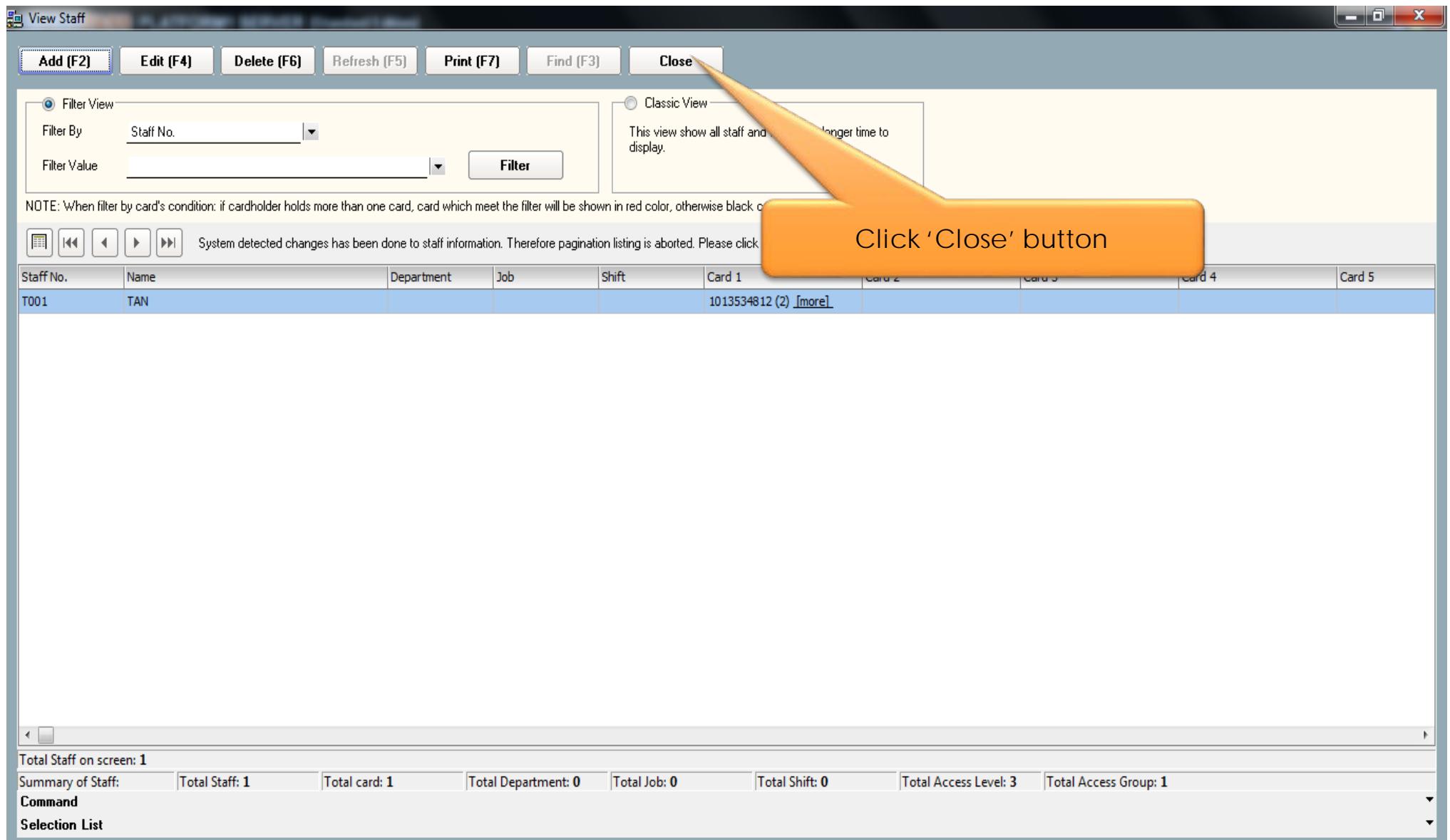
Export staff's record

Add Edit Delete

Save and Close Save and New Cancel

Click 'Save and Close' button



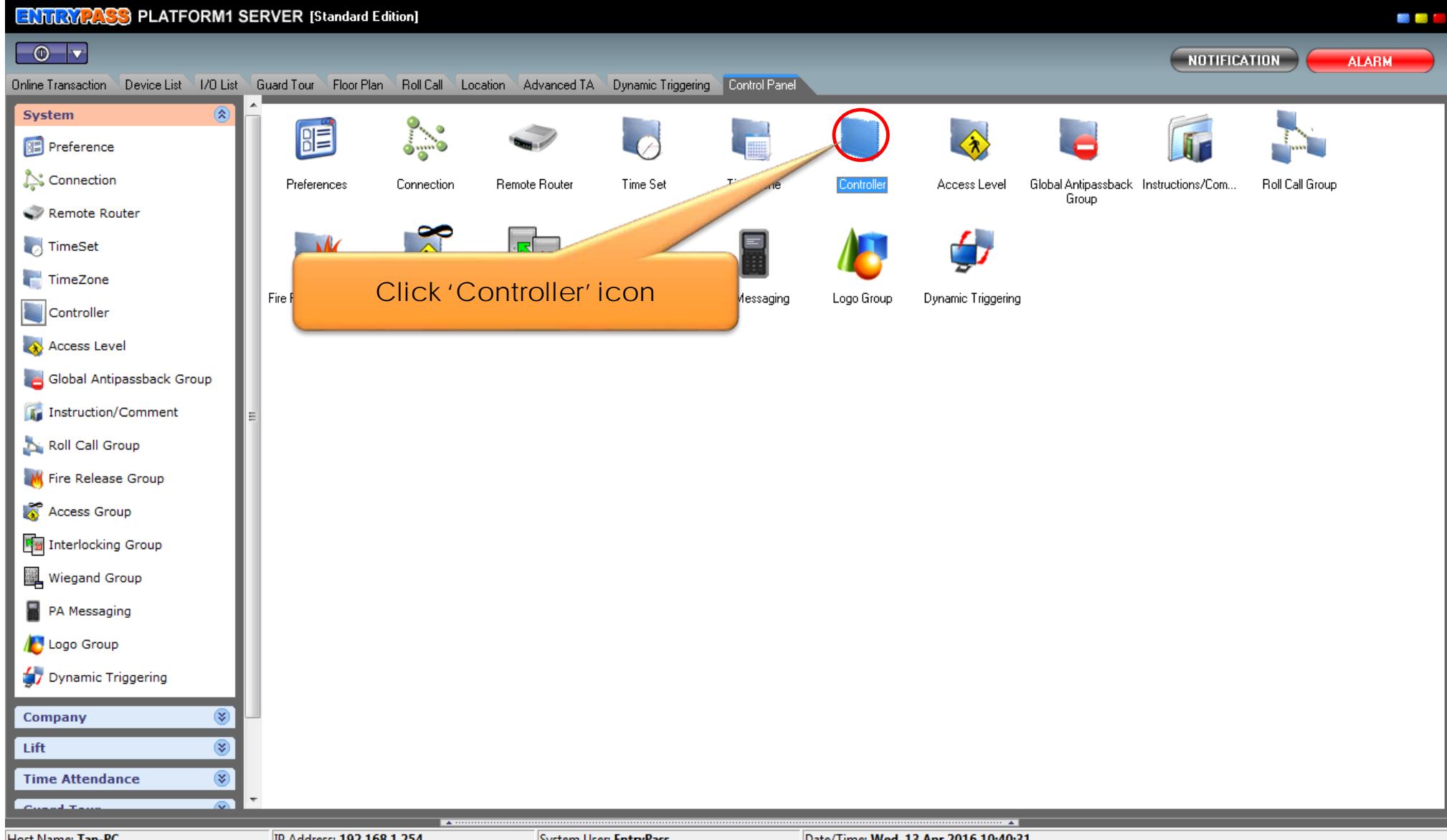


Notes: After you've saved the card data, P1 Server will automatically send the card data to **Hardware** according to access level or access group that you assigned.



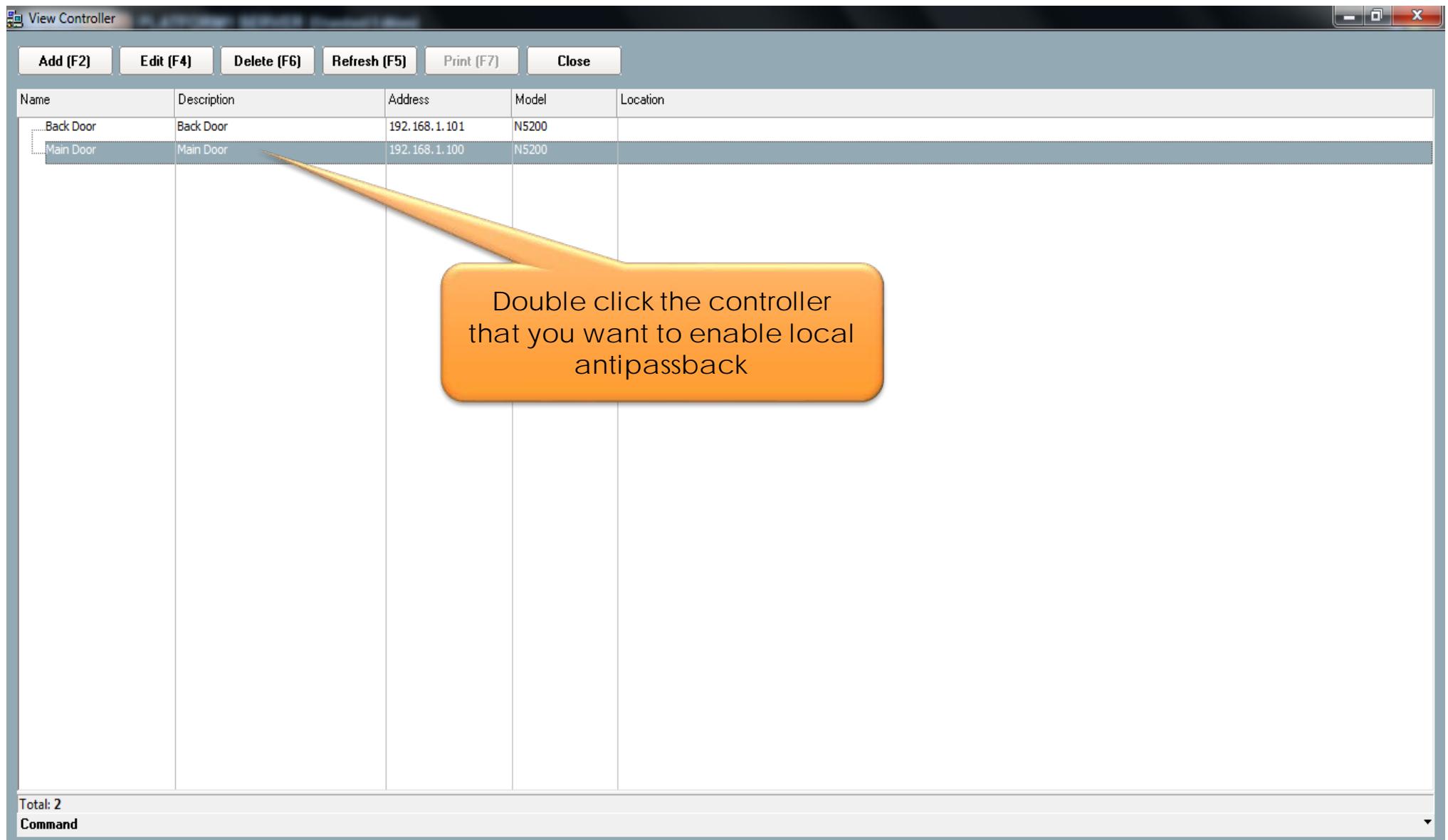
Create Local Antipassback

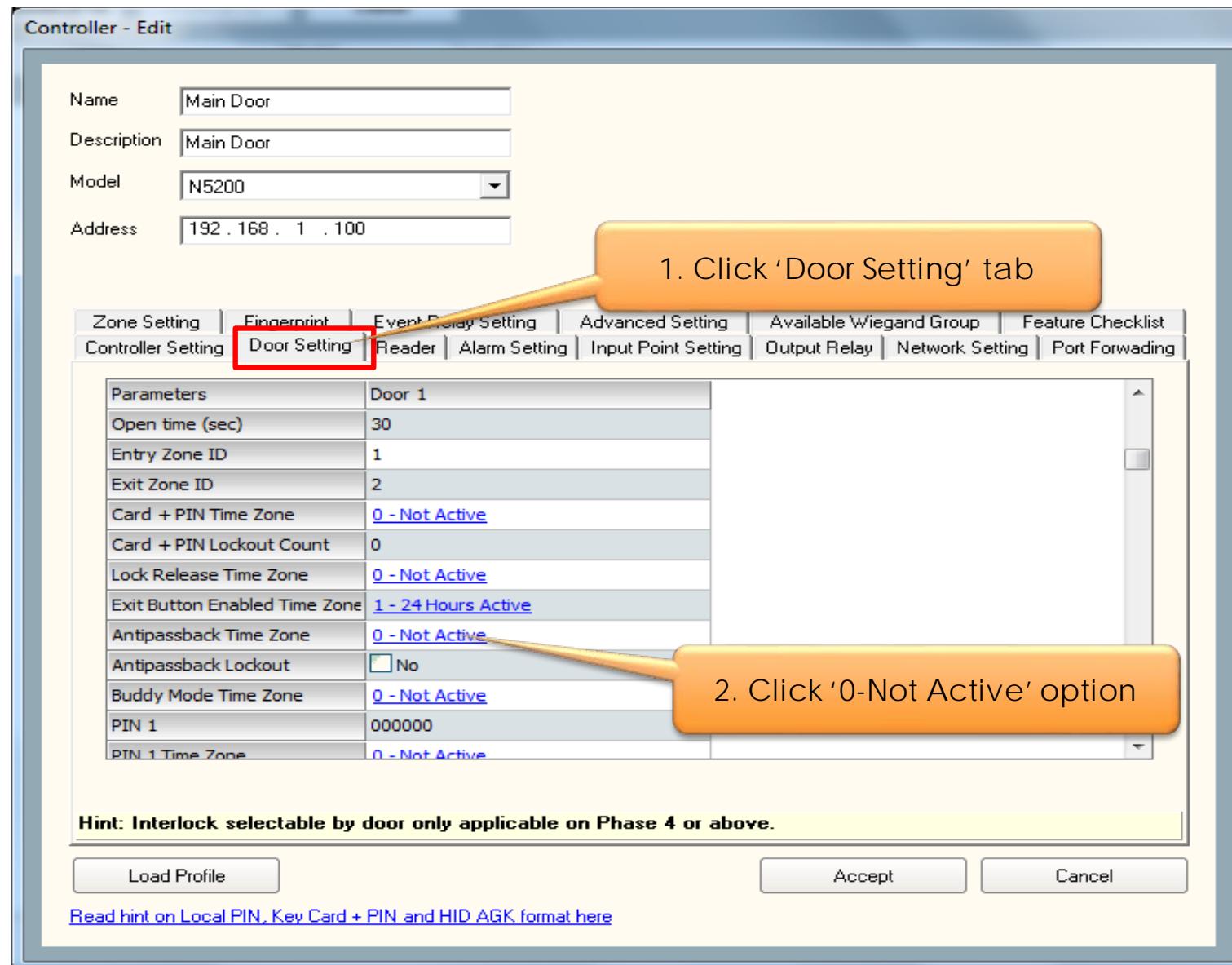


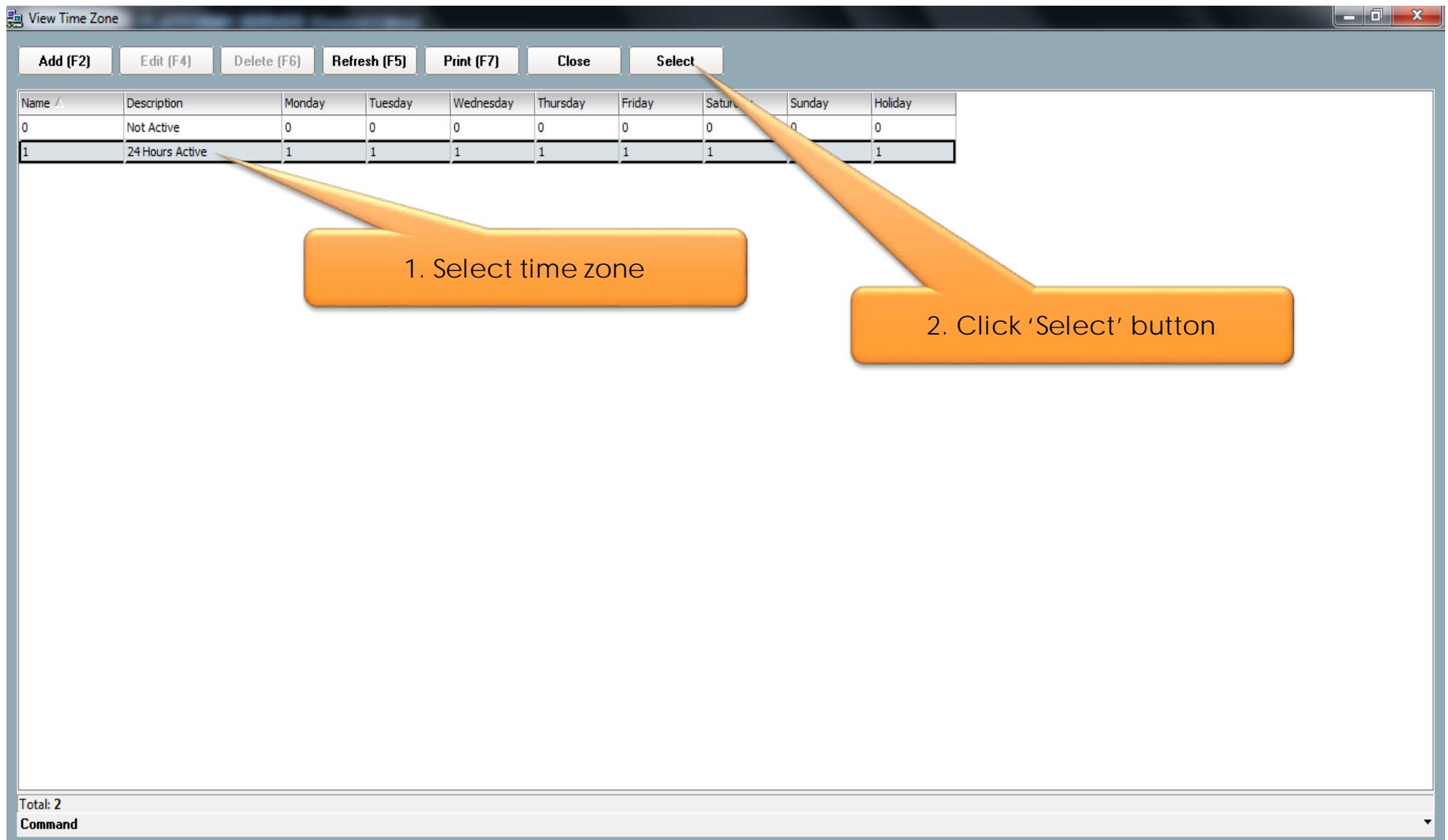


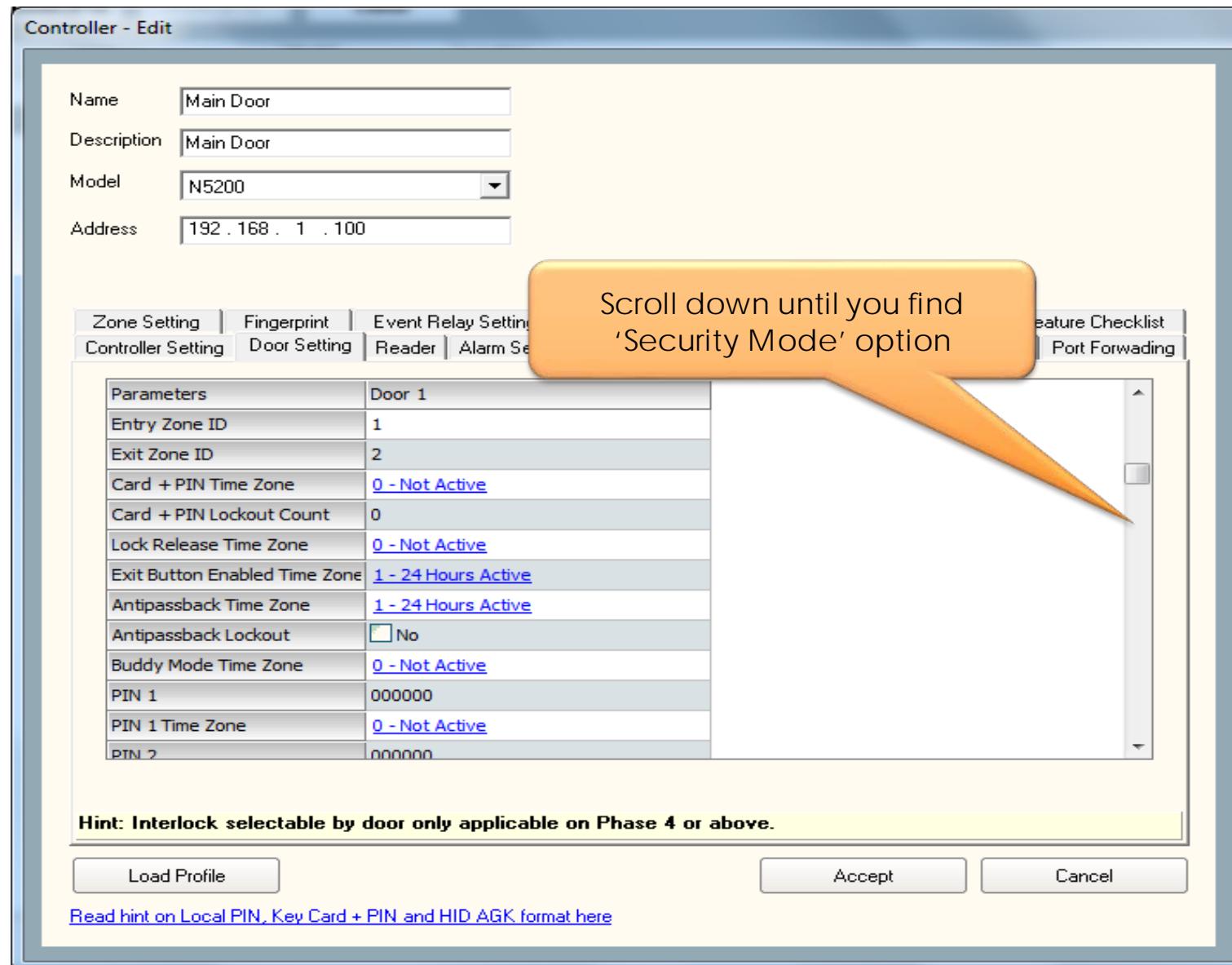
Notes: You can find controller icon under 'Control Panel' → 'System' tab.

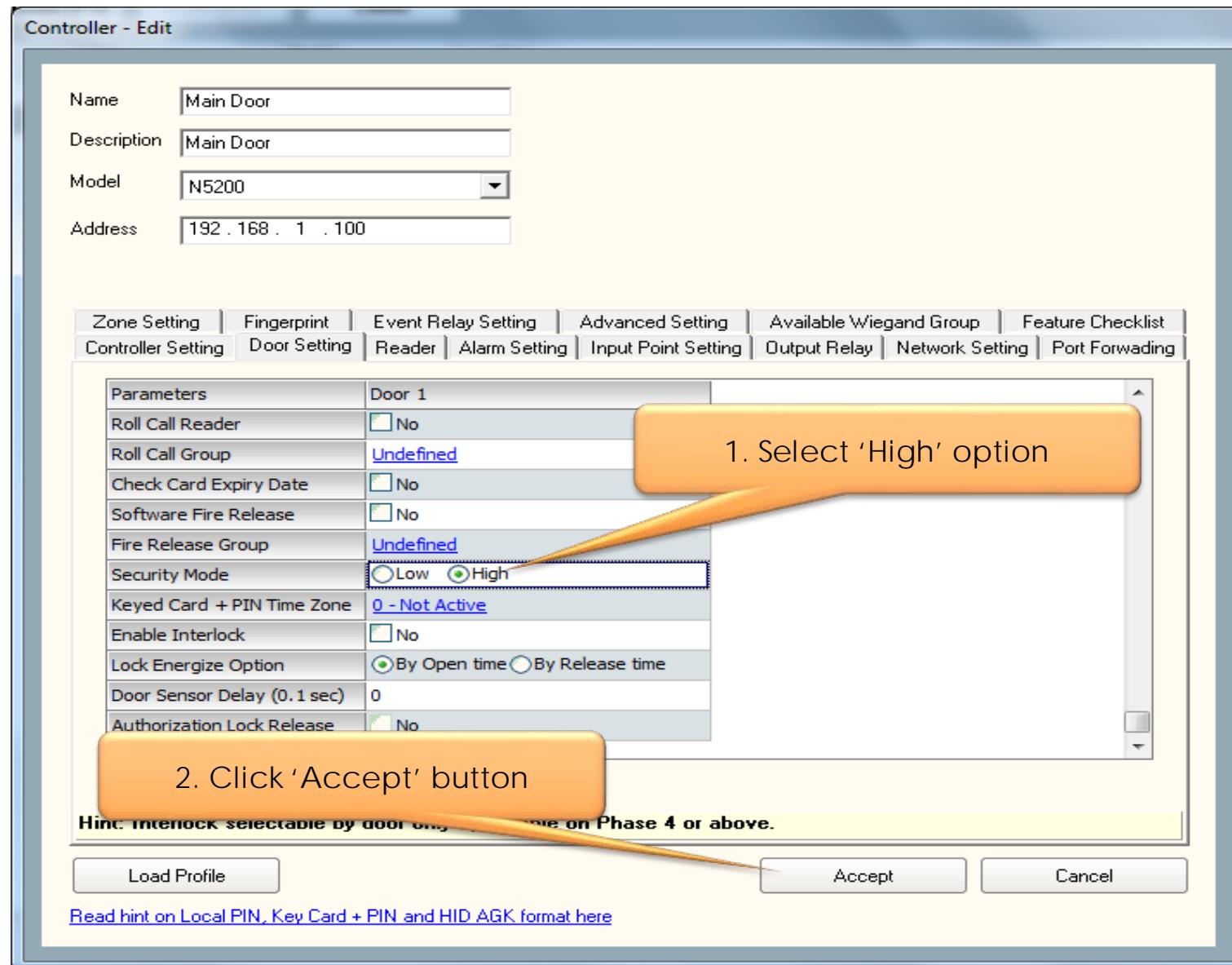


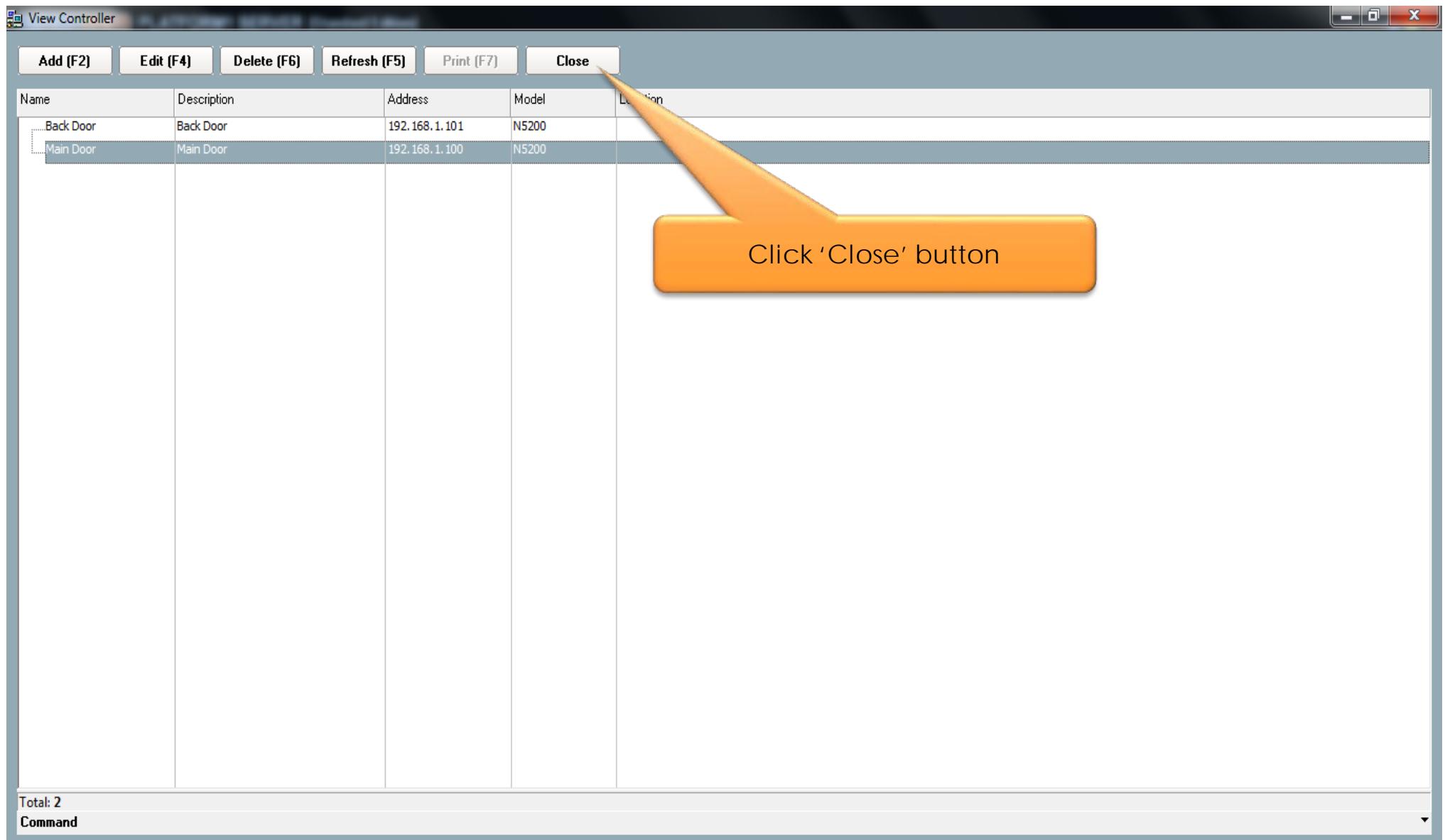










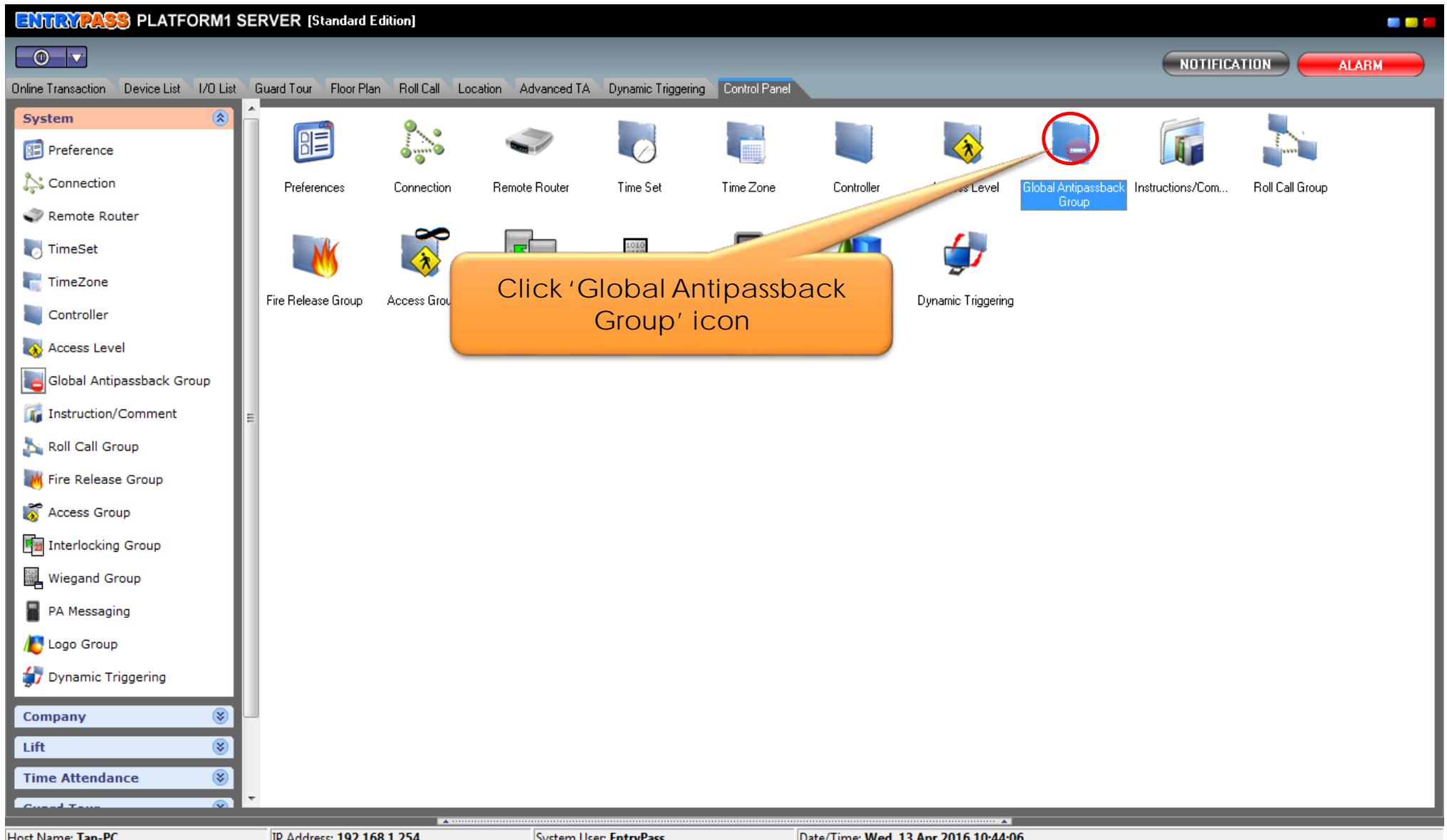


Click 'Close' button



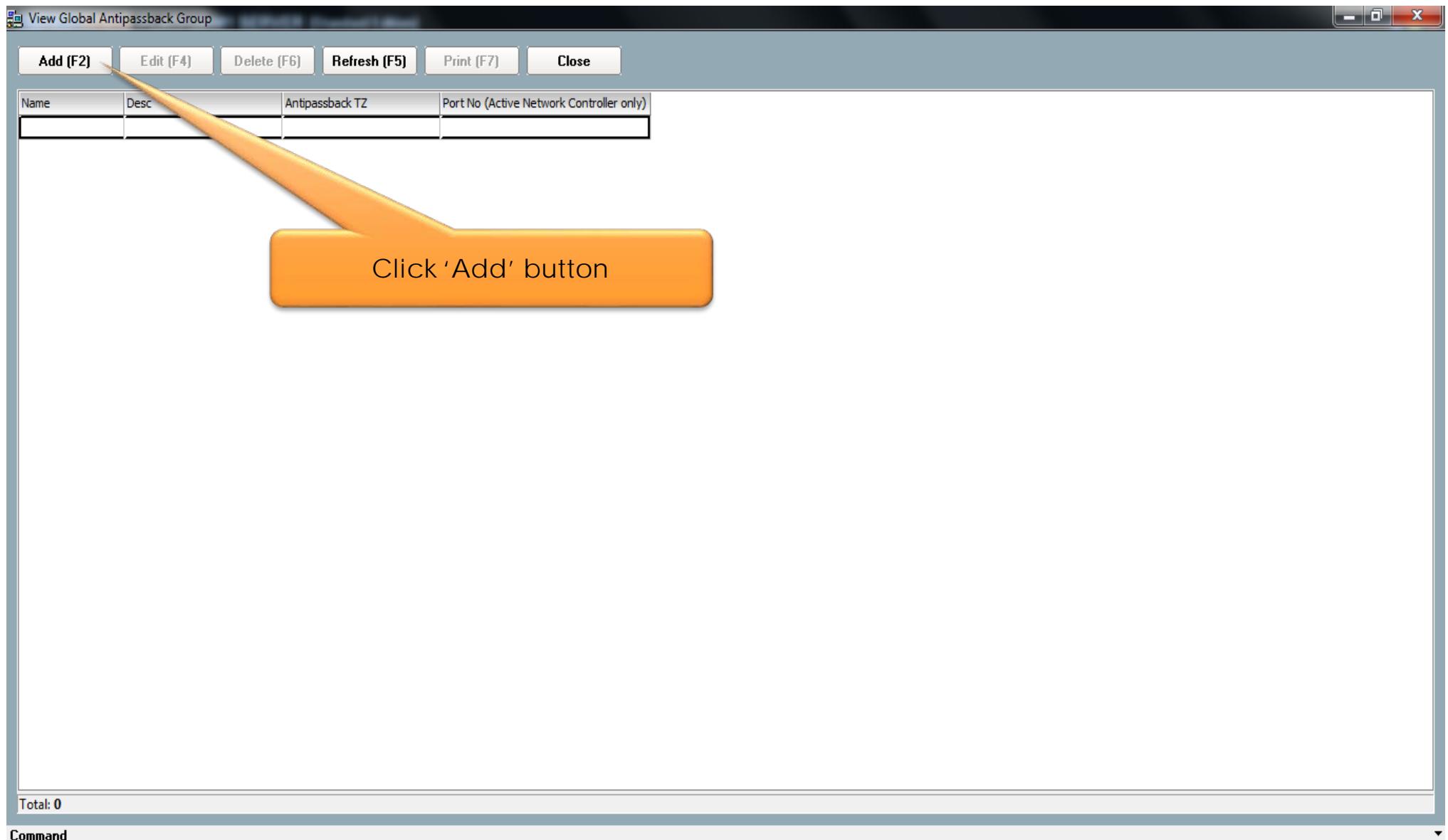
Create Global Antipassback

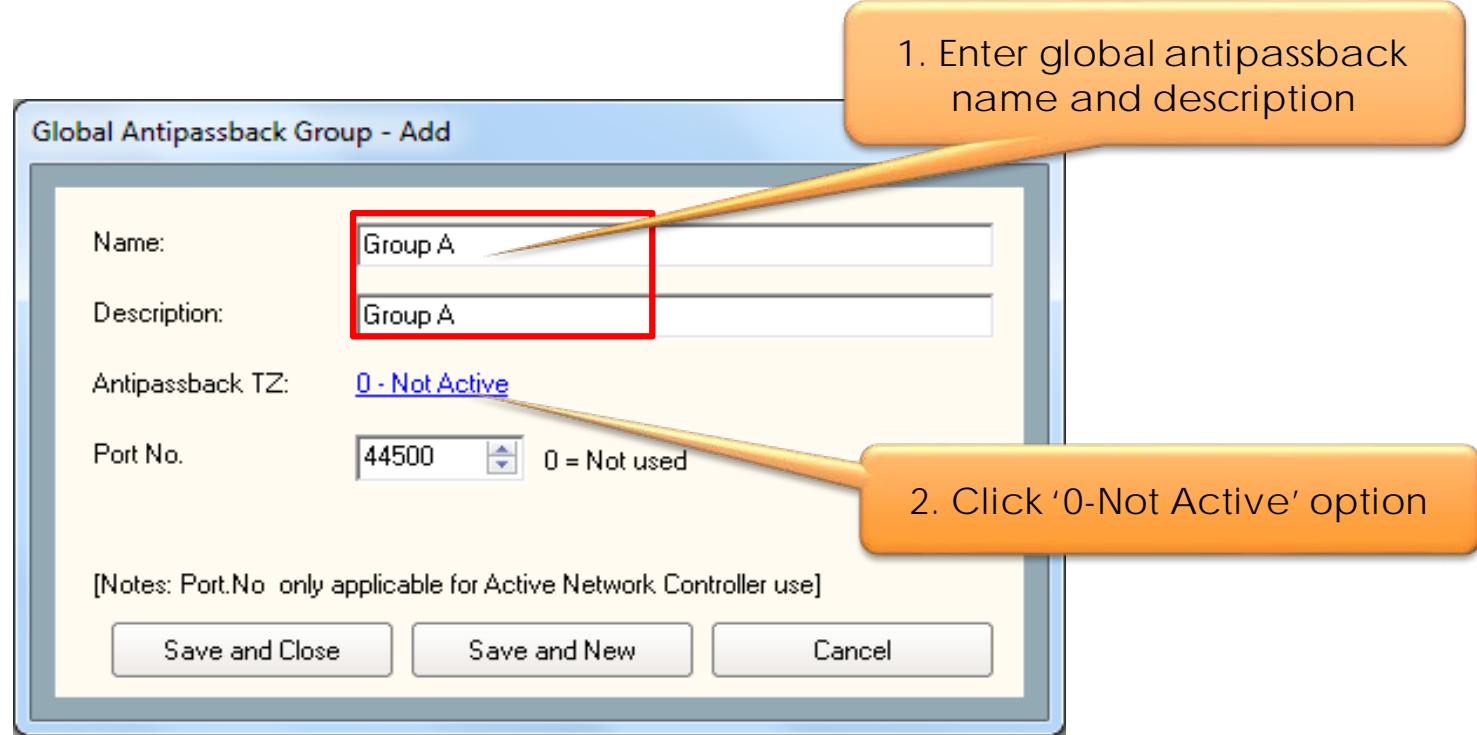


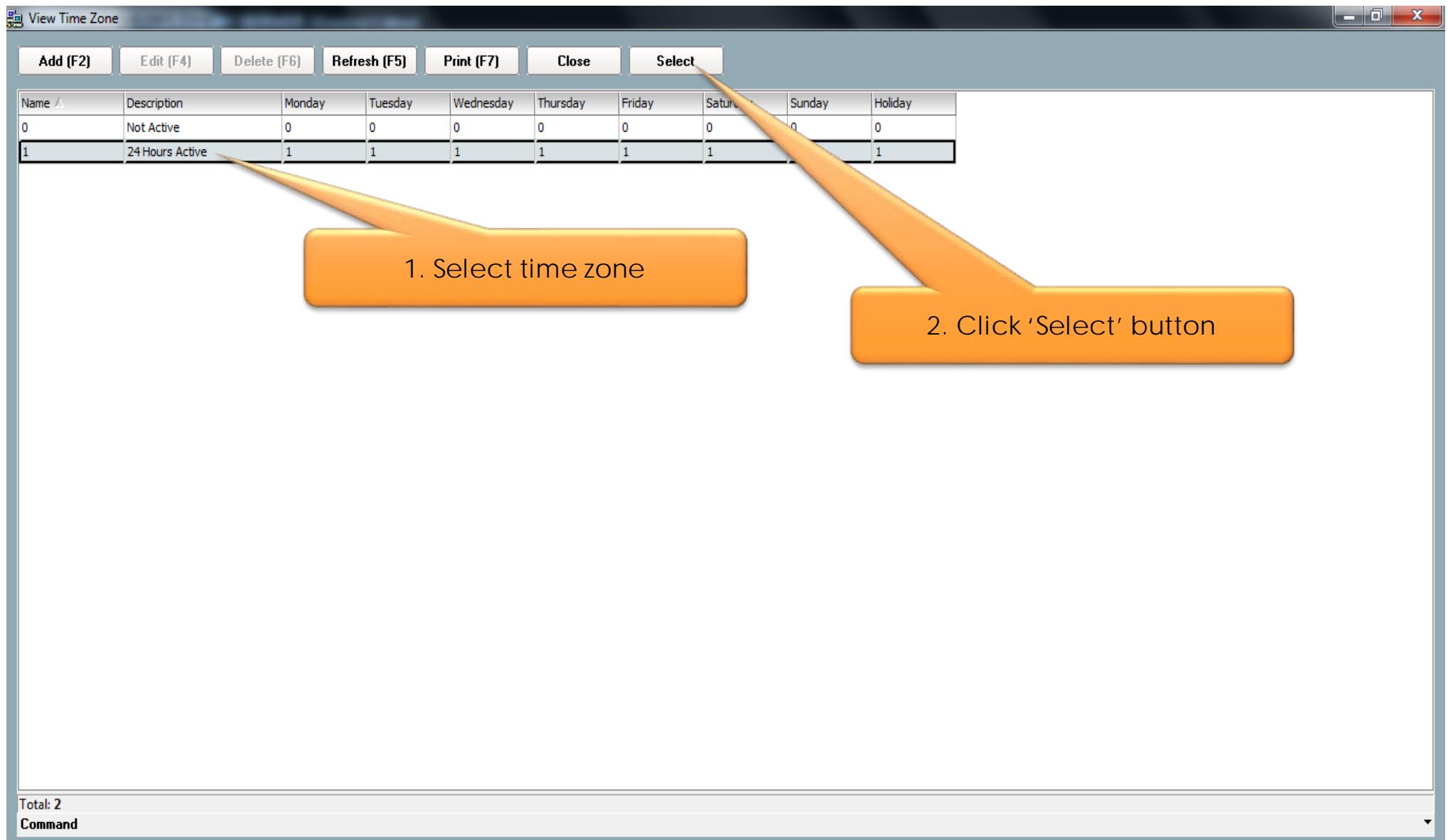


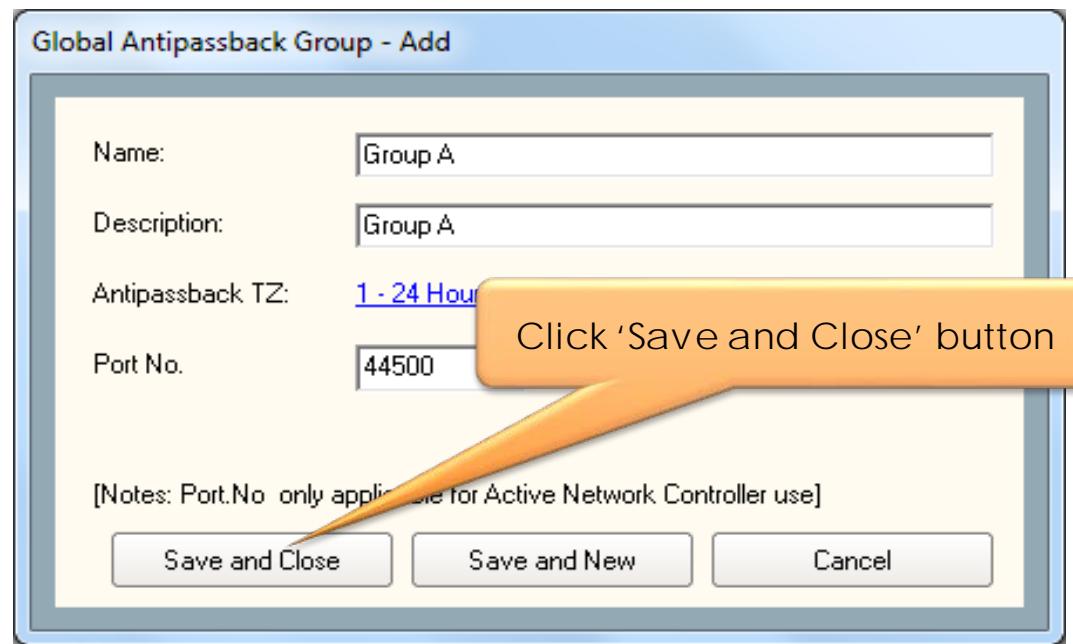
Notes: You can find global antipassback group icon under 'Control Panel' → 'System' tab.

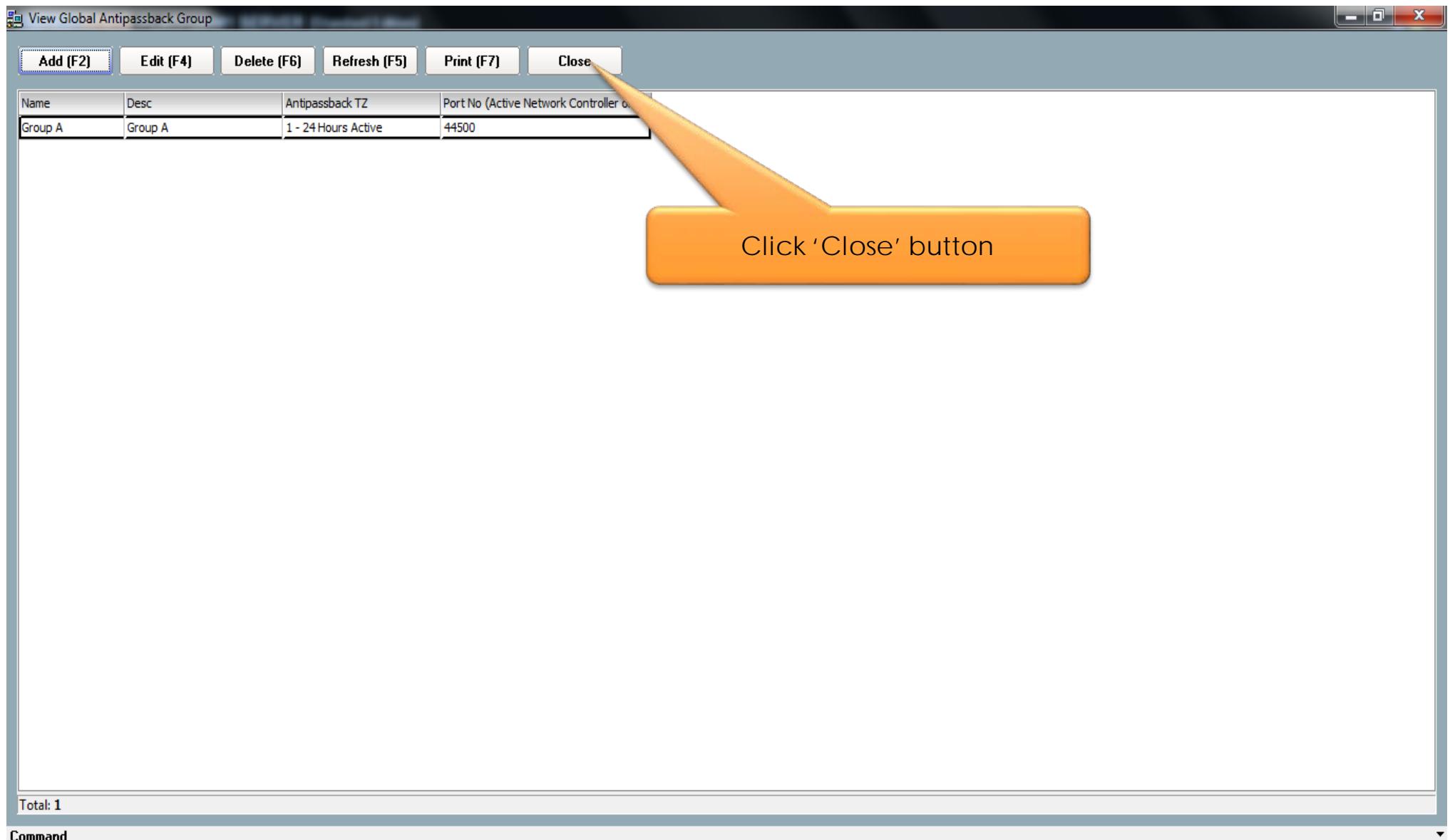


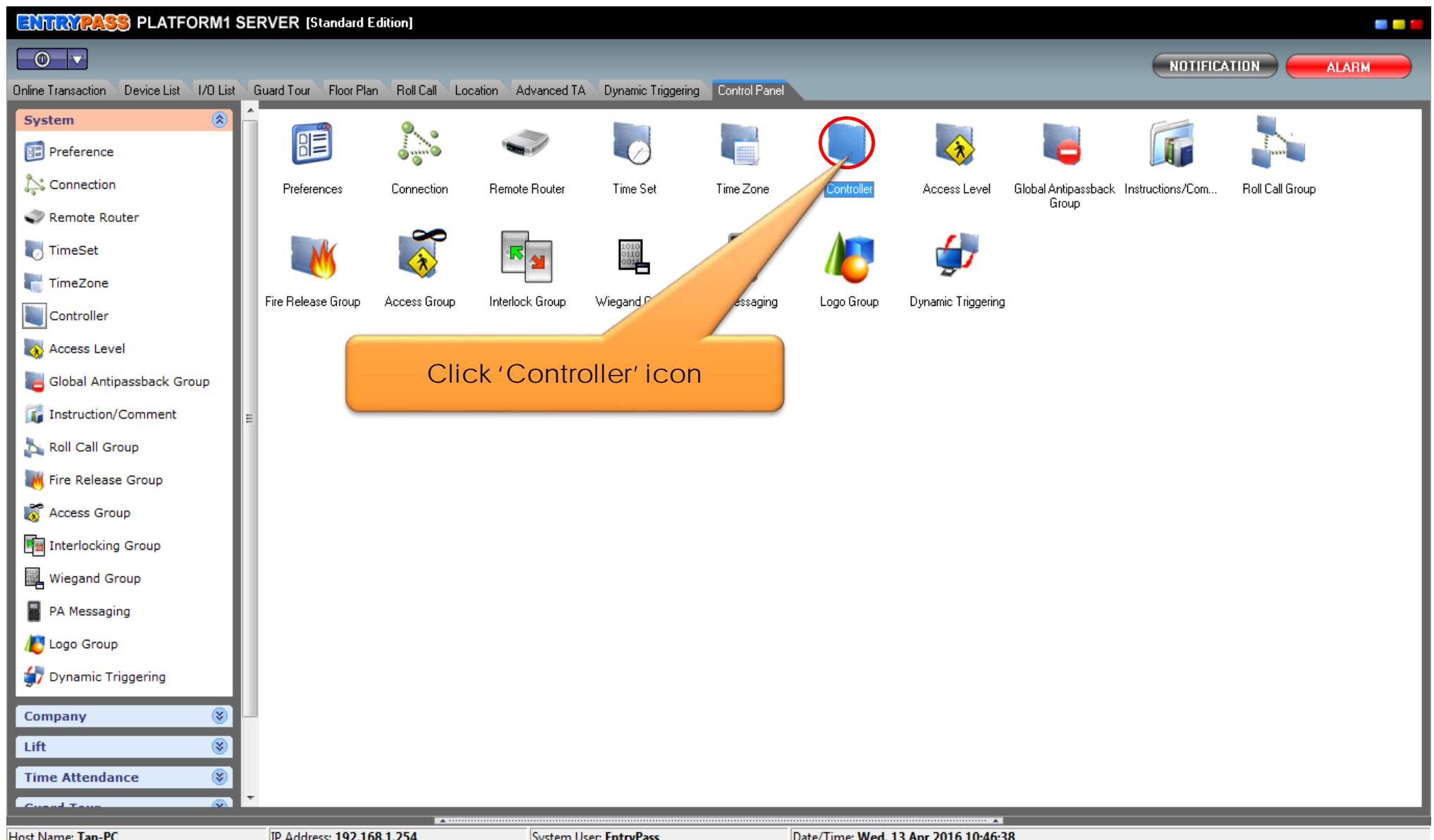


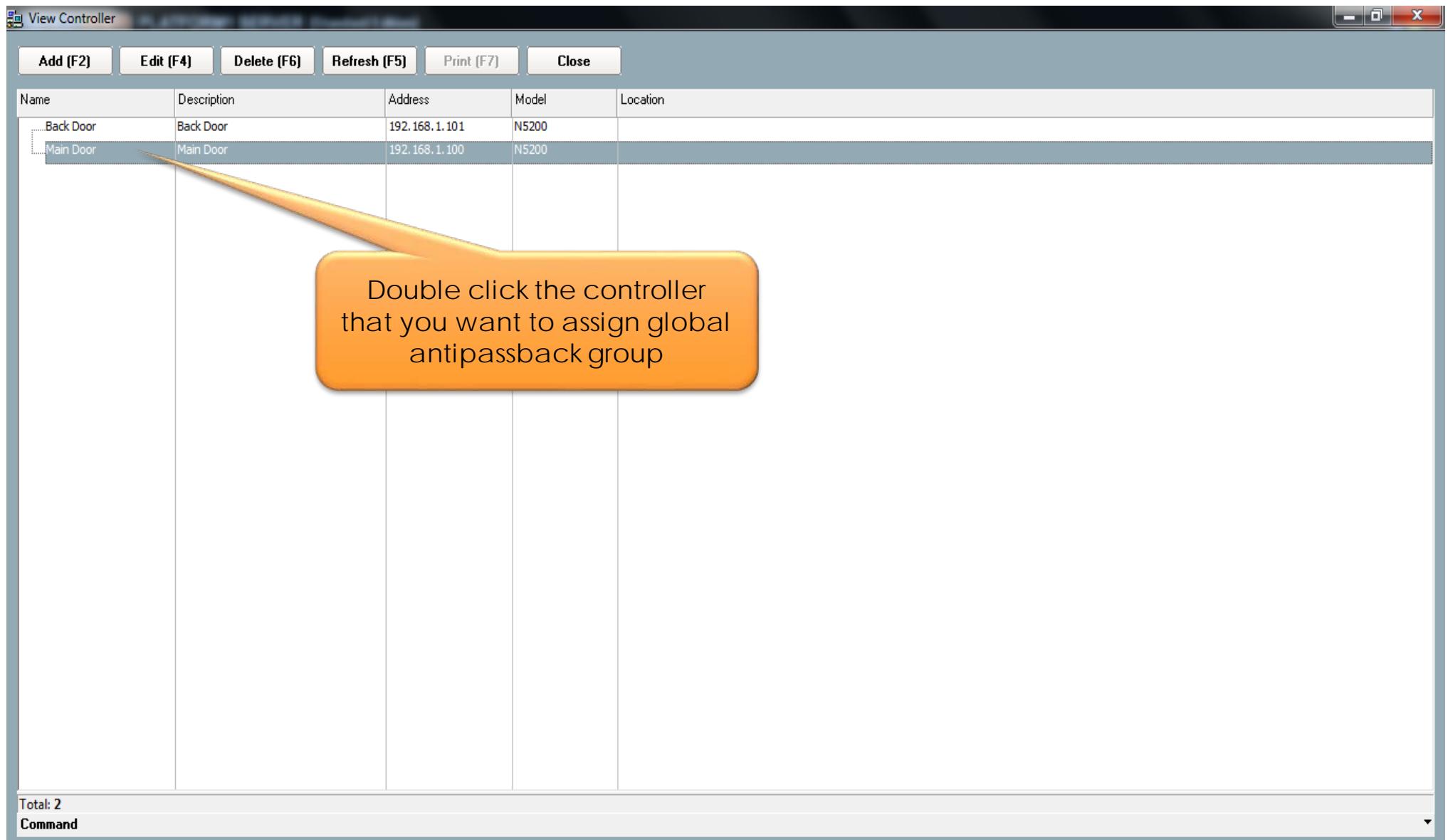












Controller - Edit

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

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

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

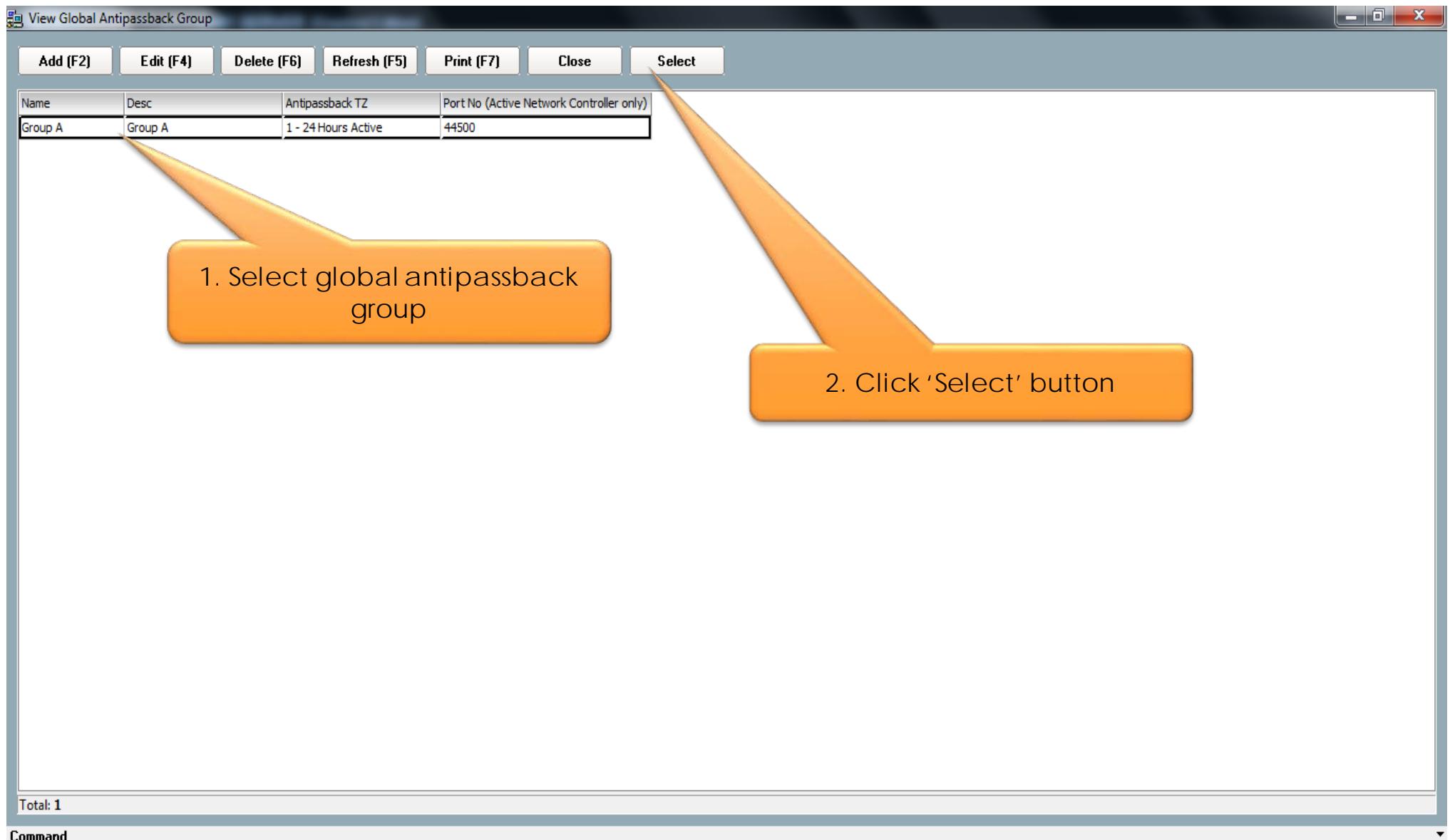
Click 'Undefined' option

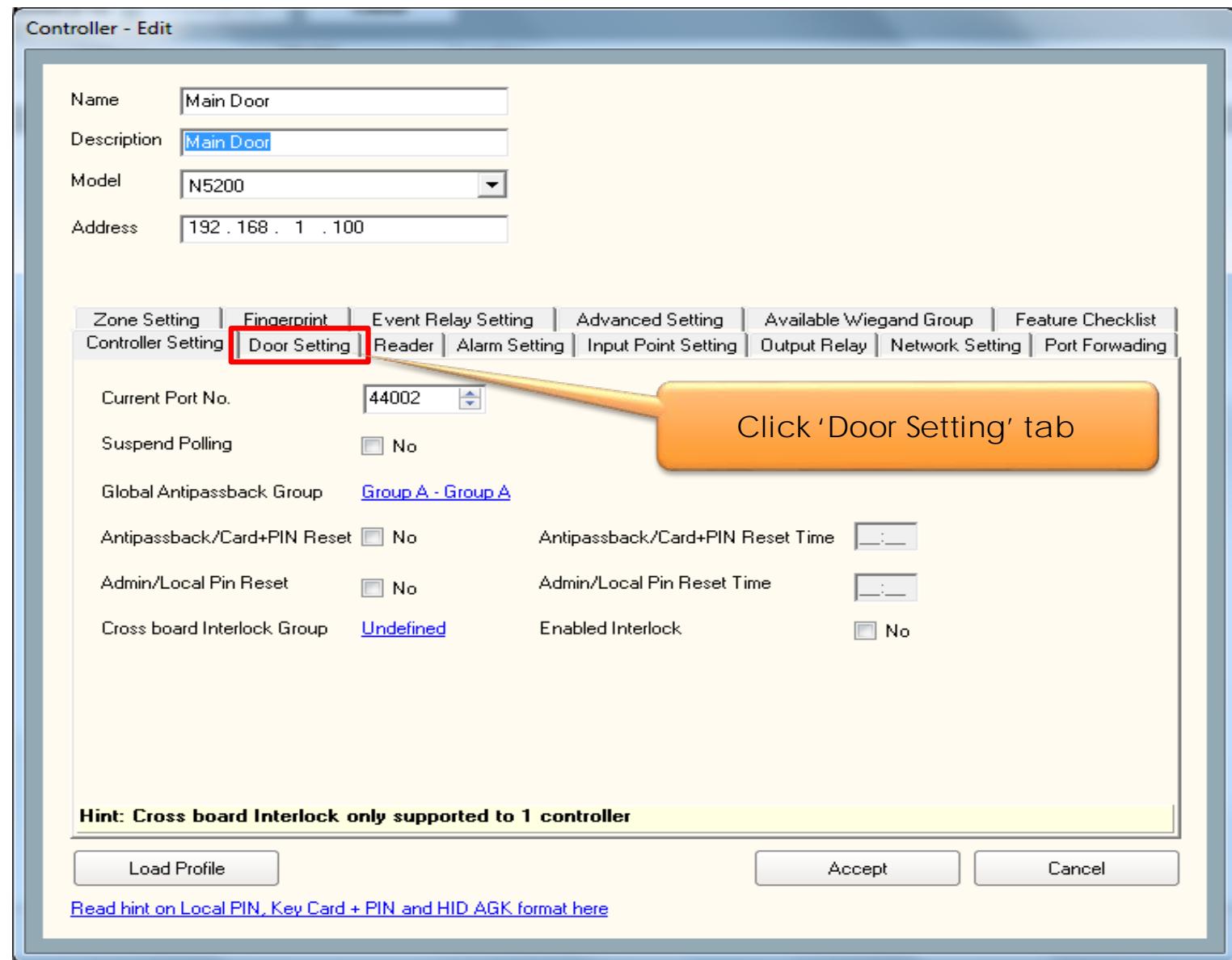
Hint: Cross board Interlock only supported to 1 controller

Load Profile Accept Cancel

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

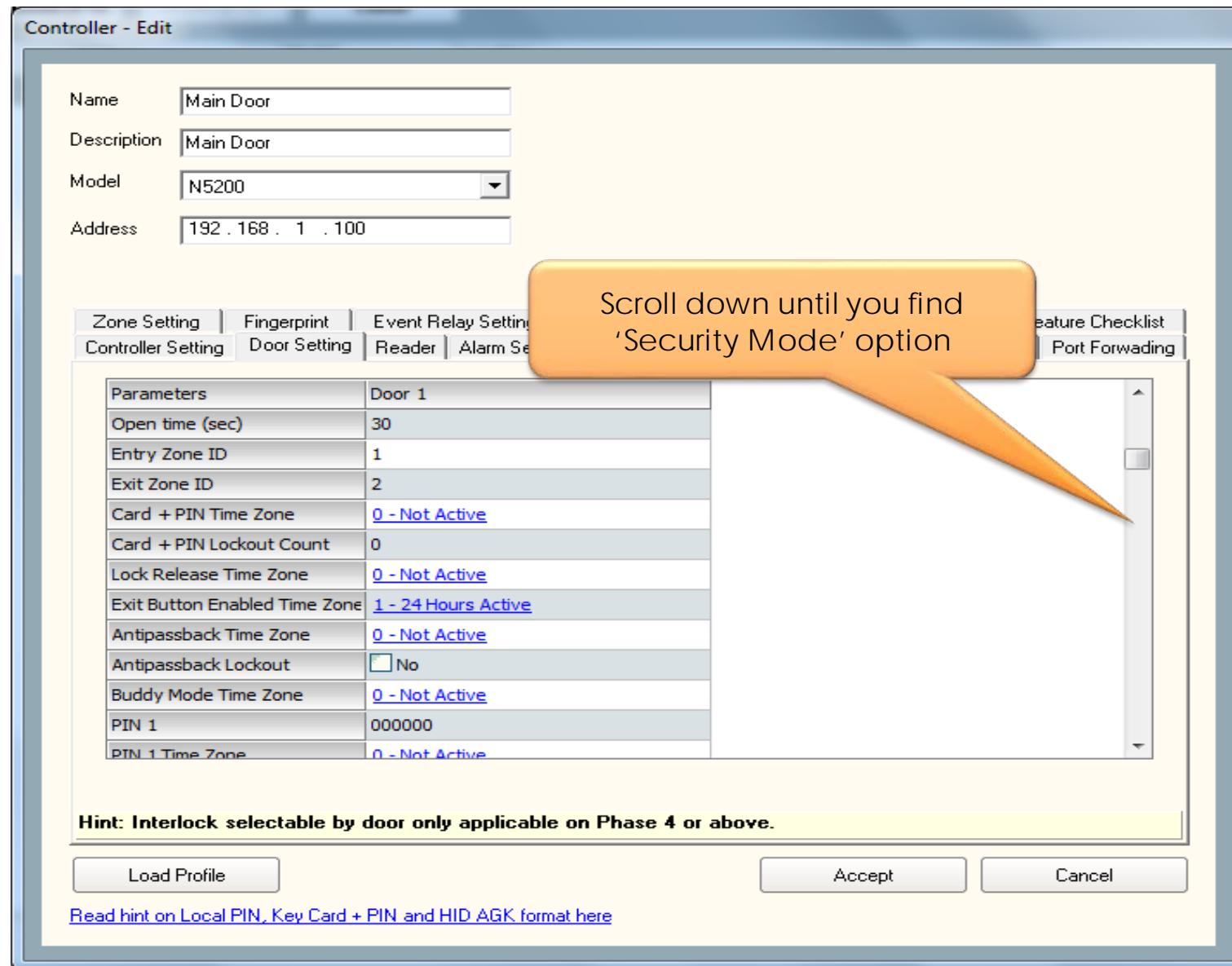


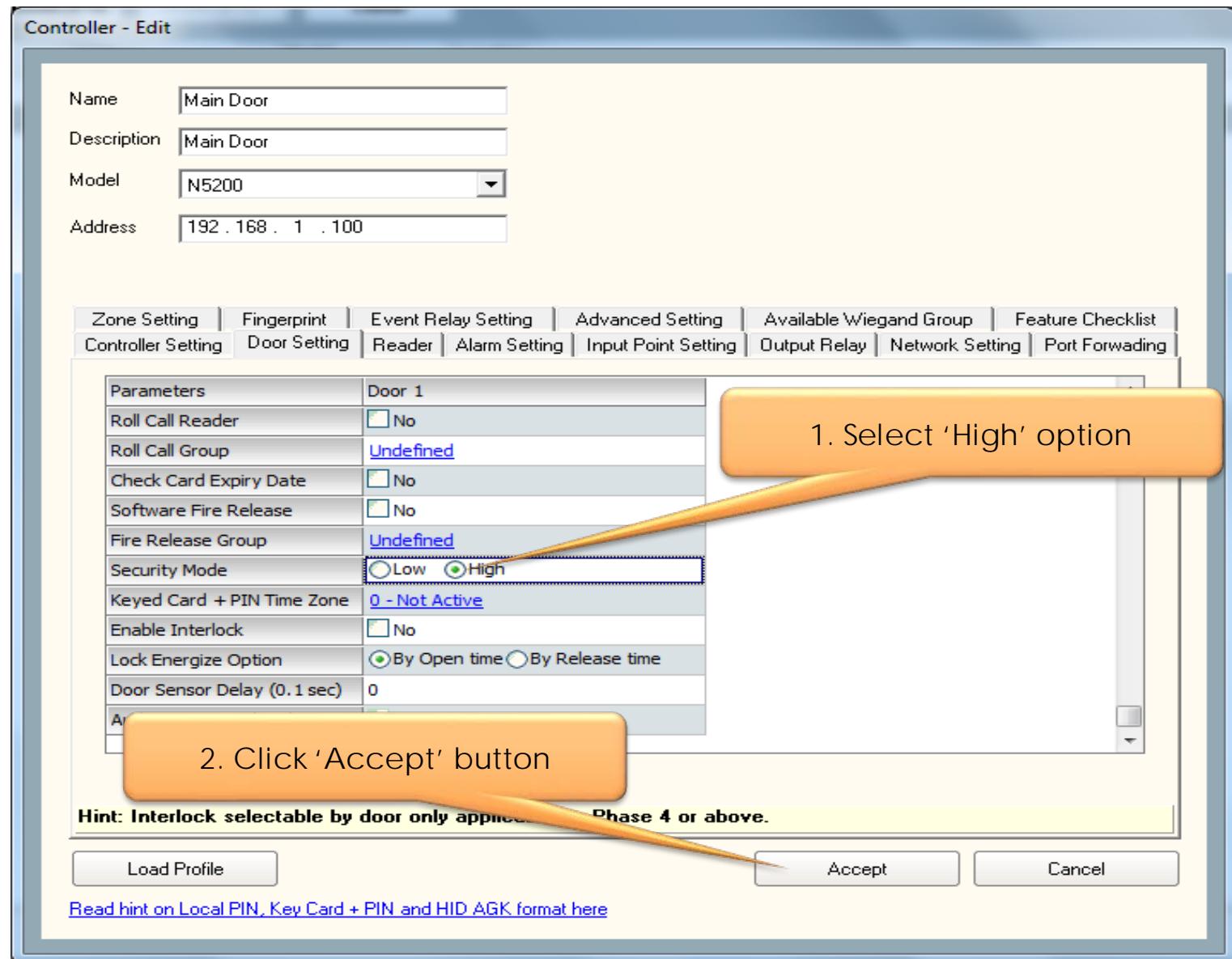


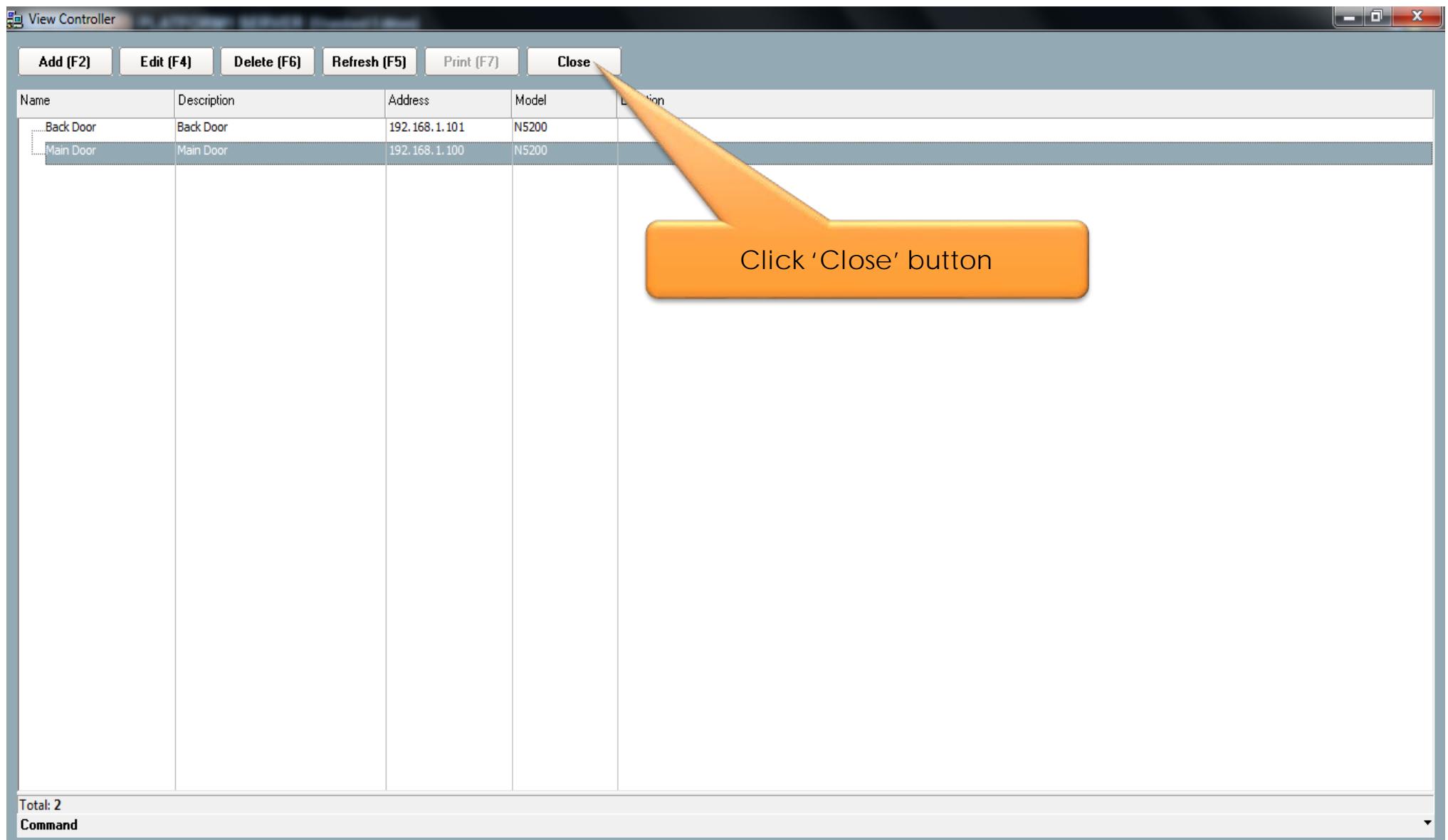


Notes: After selected the global antipassback group, the group name will appeared on the global antipassback group field.



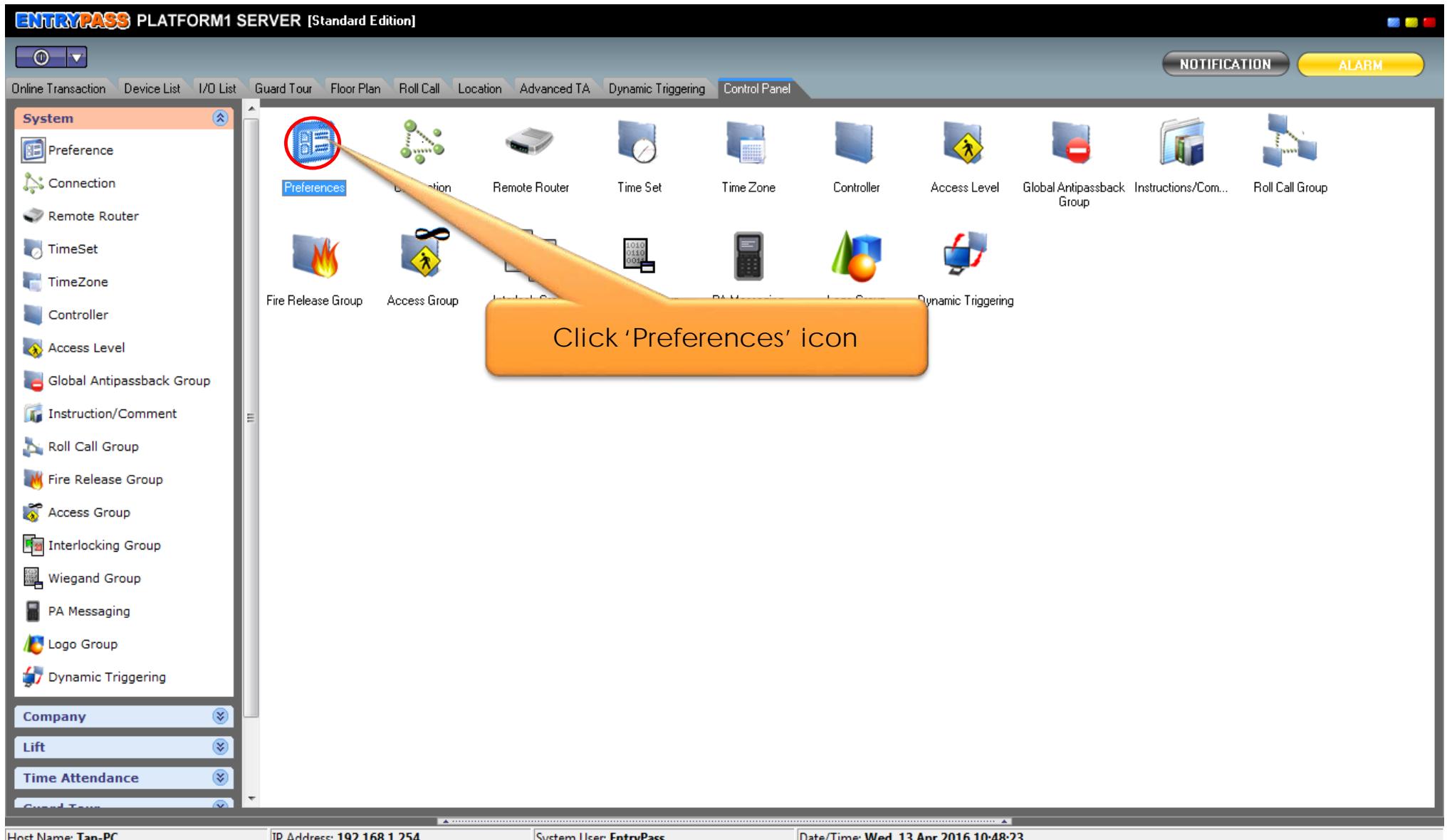






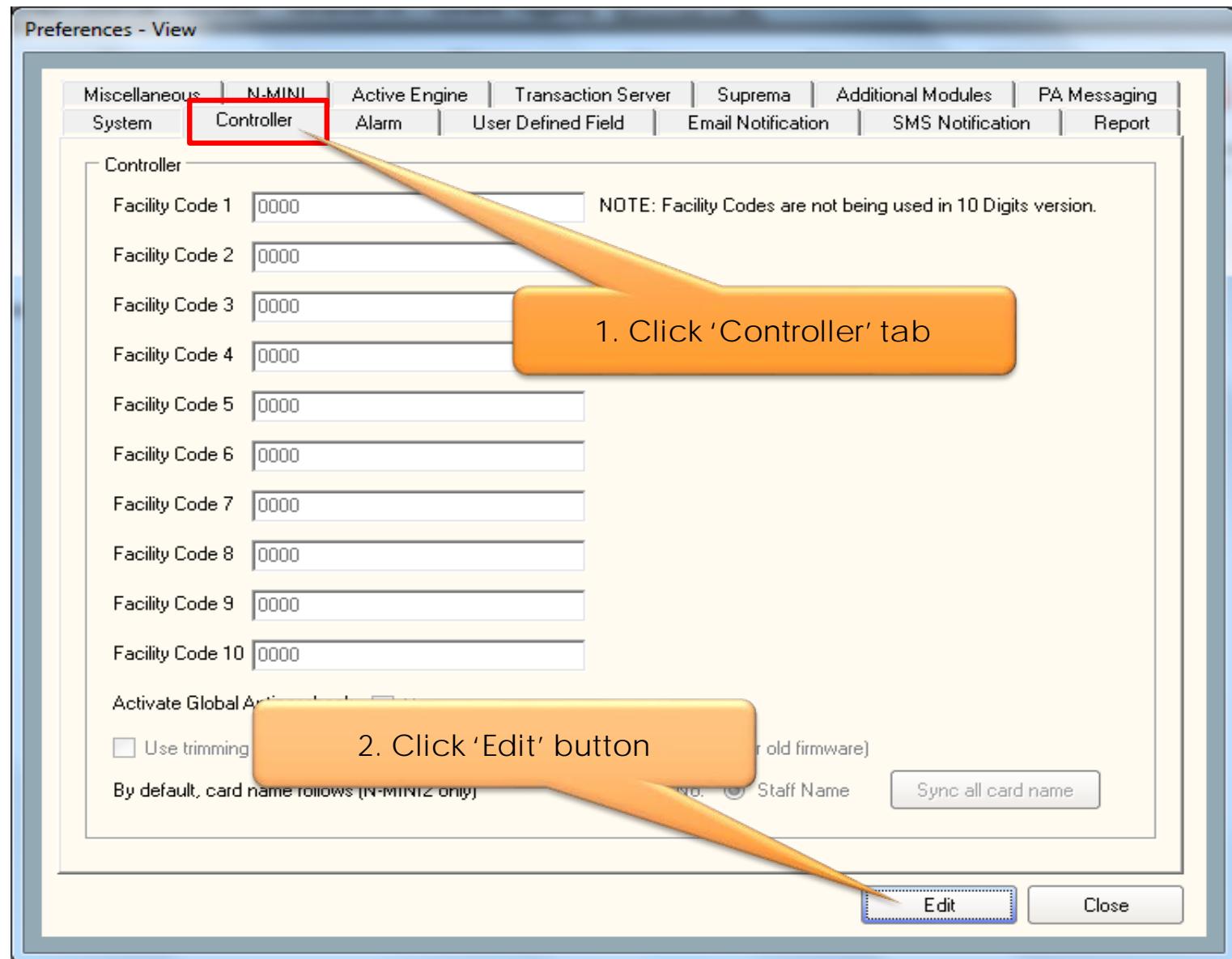
Notes: Repeat the steps from page 142 to page 147 for all the controllers fall under the same global antipassback group.

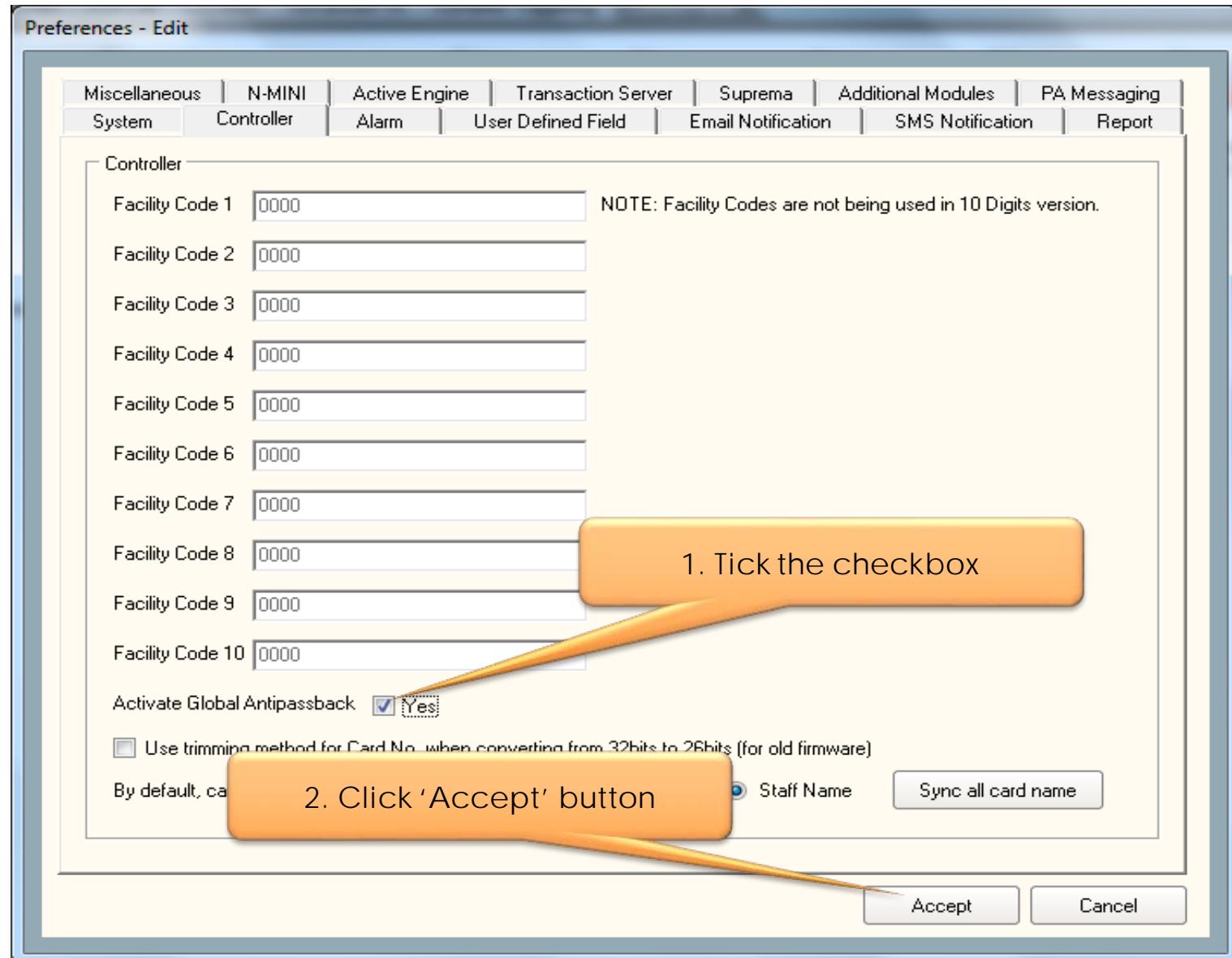




Notes: Before proceed to this step, please make sure you've already assigned global antipassback group to all the necessary controllers.







Preferences - Edit

Miscellaneous	N-MINI	Active Engine	Transaction Server	Suprema	Additional Modules	PA Messaging
System	Controller	Alarm	User Defined Field	Email Notification	SMS Notification	Report

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 Yes

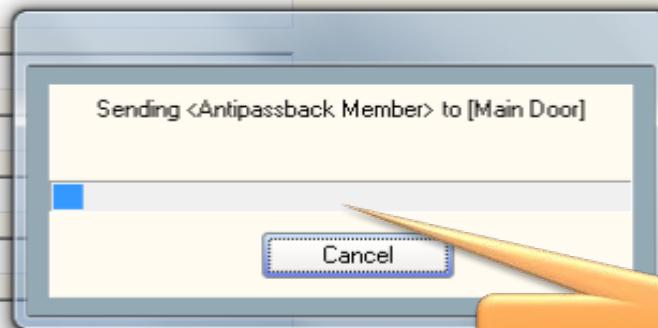
Use trimming method for Card No. when converting from 32bits to 26bits (for old firmware)

By default, card name follows (N-MINI2 only)

Staff No. Staff Name

Sync all card name

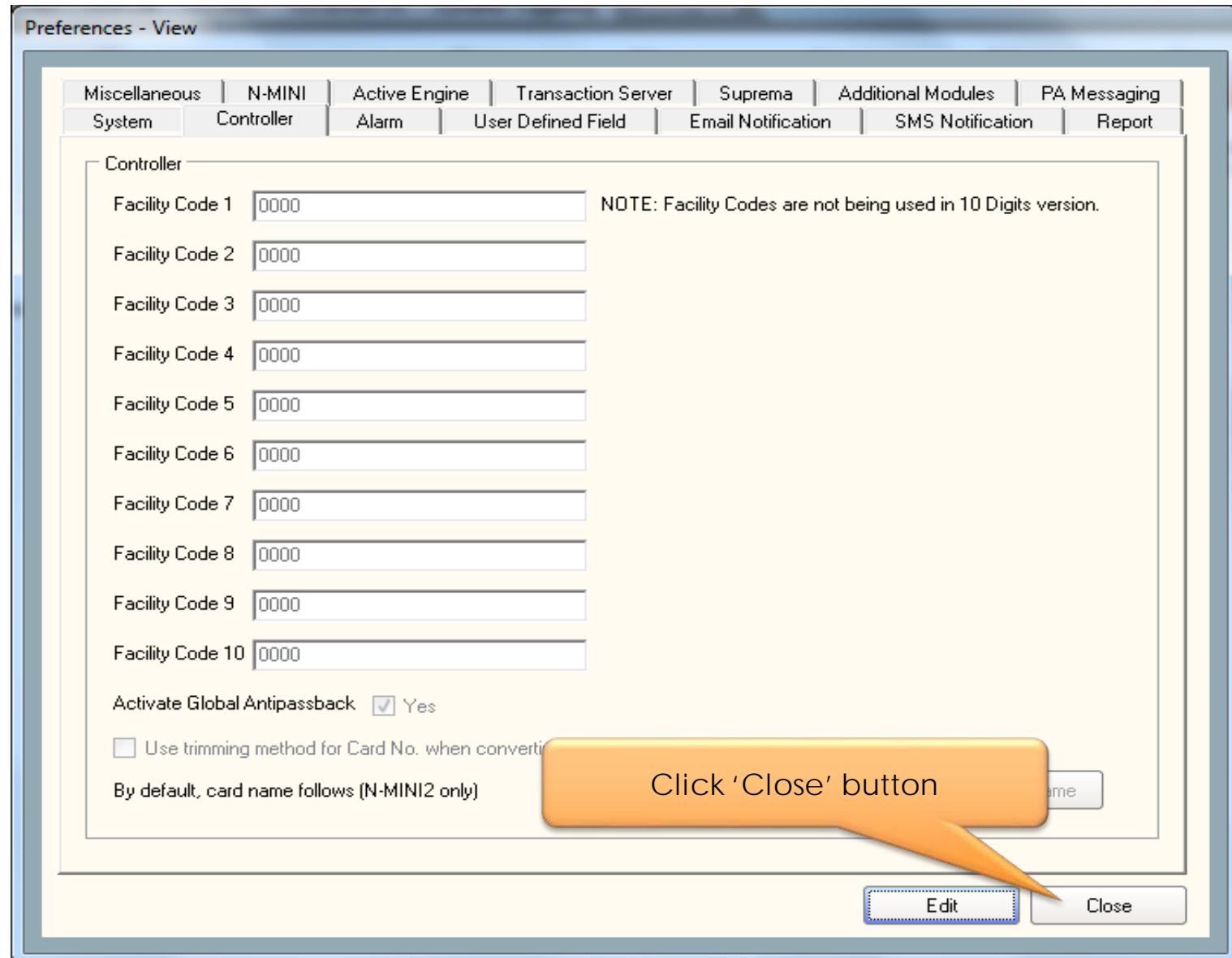
Sending in progress



Accept

Cancel

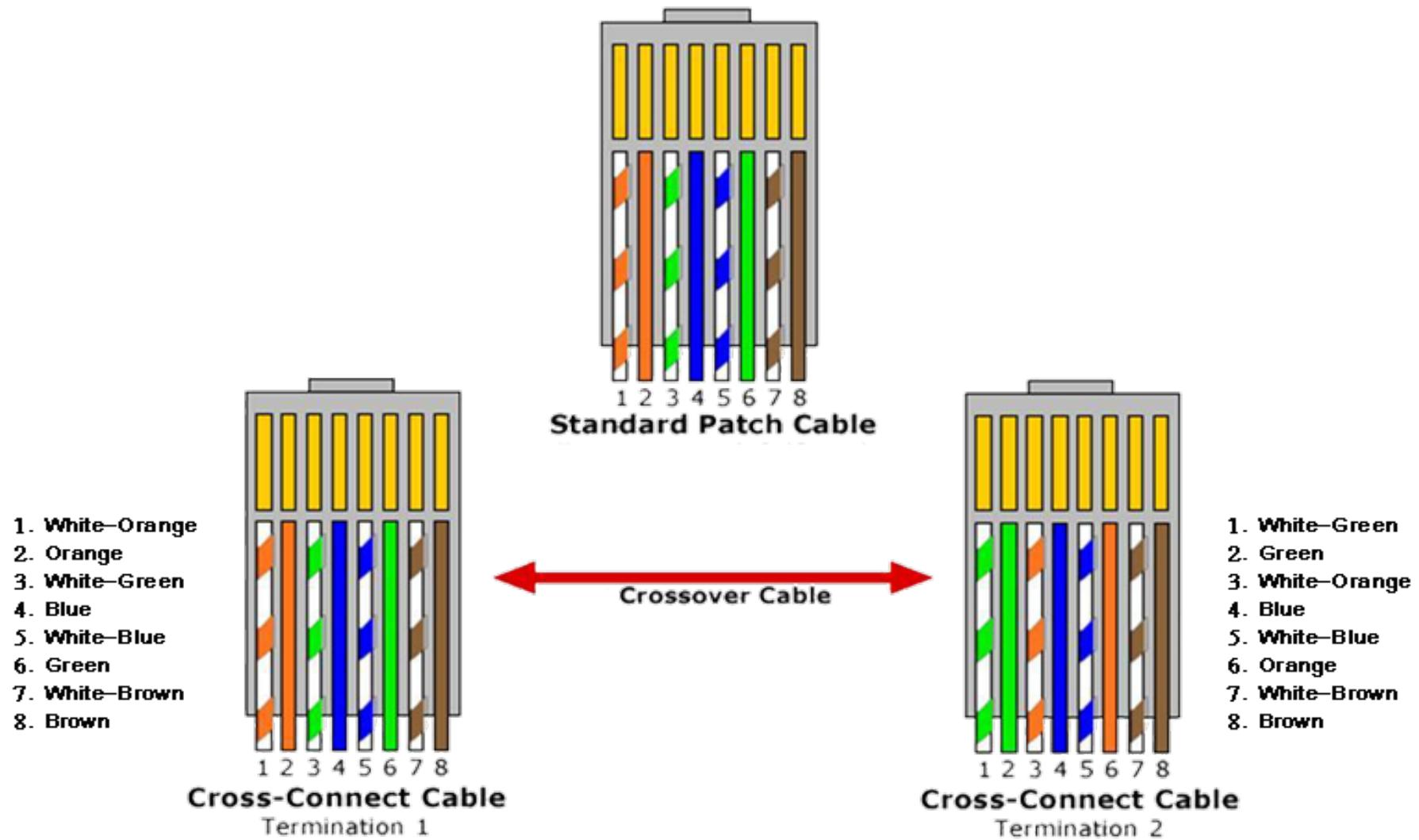




APPENDIX



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

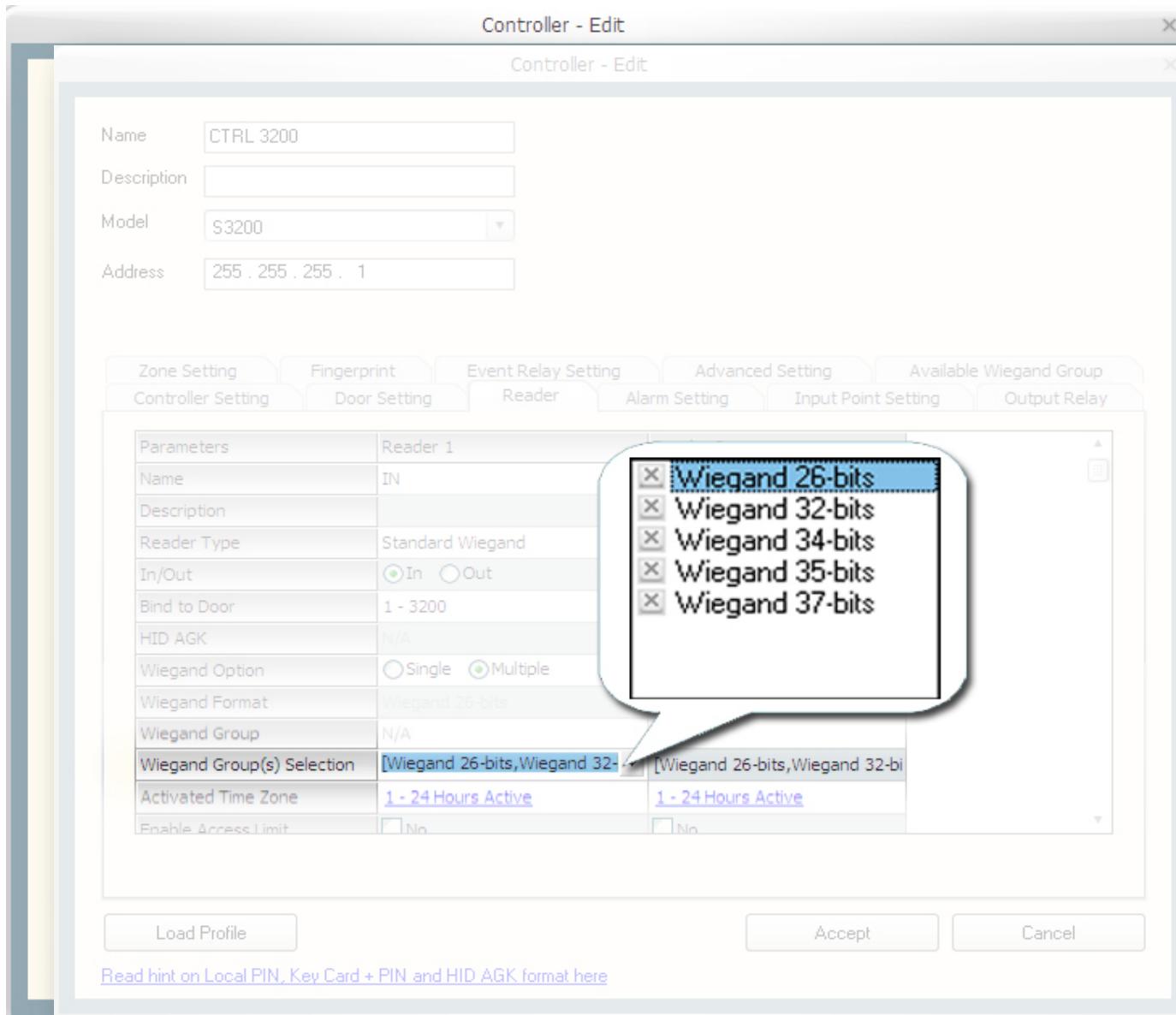


Appendix C: Troubleshooting

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.

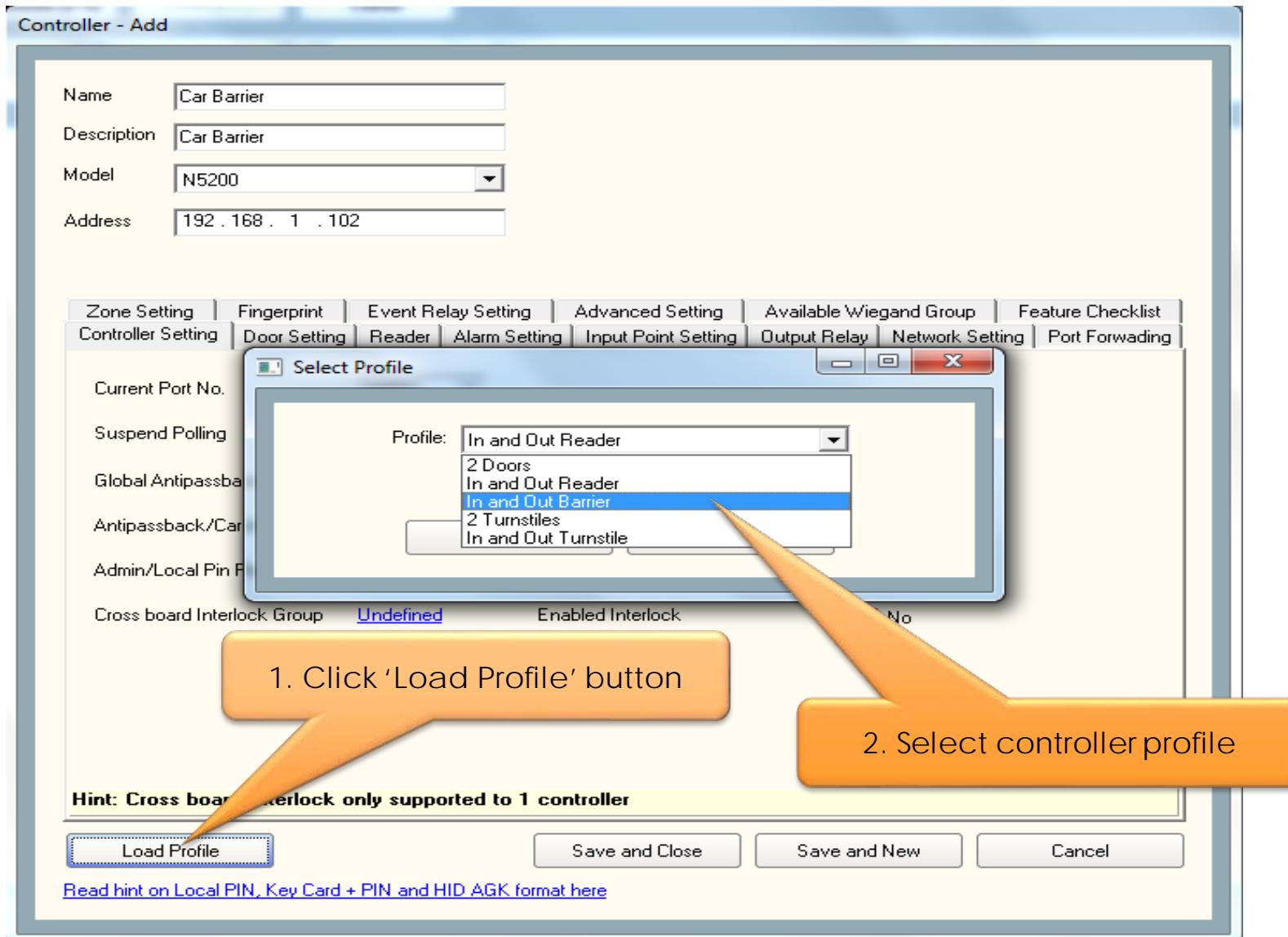


Appendix D: Wiegand Group Selection



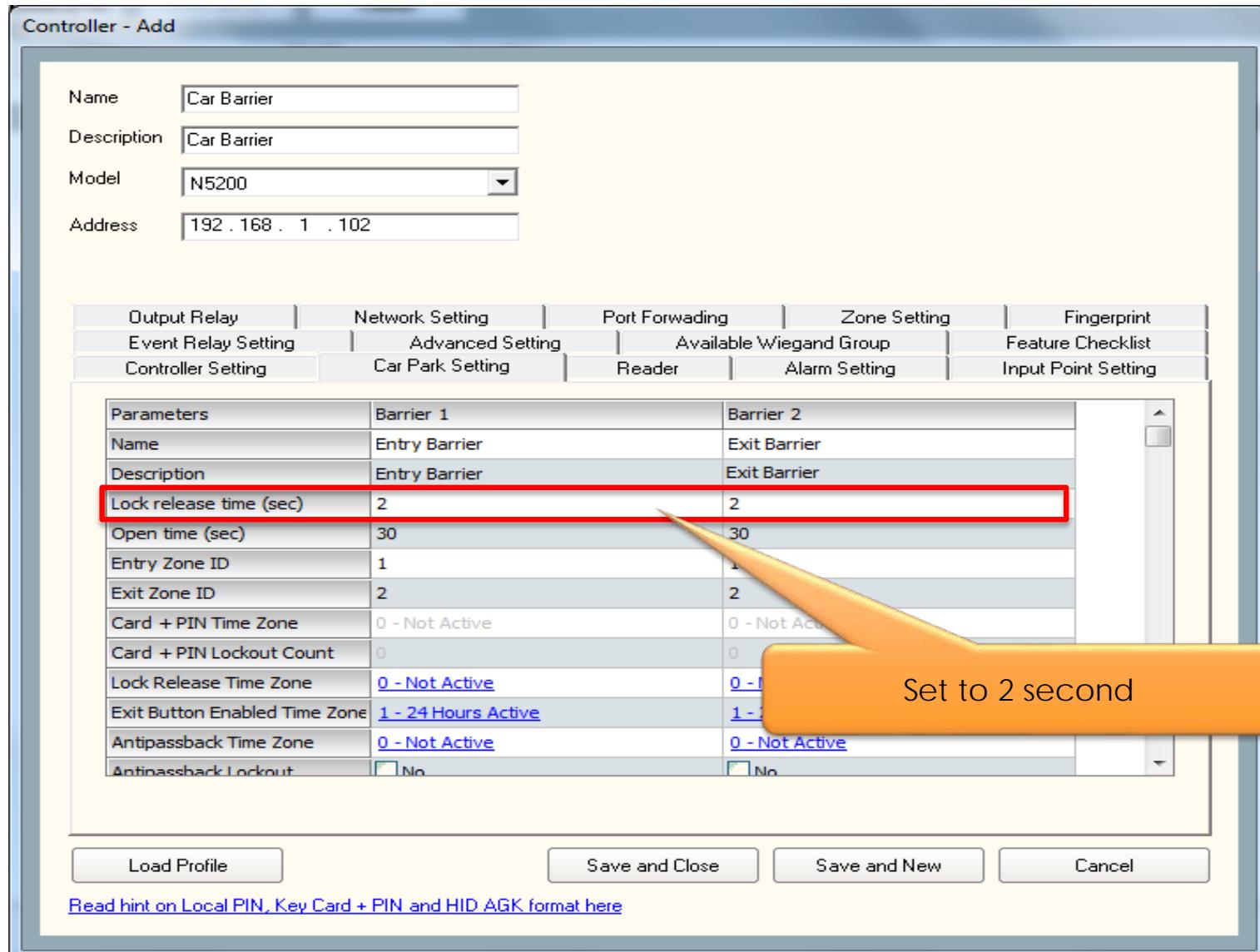
Appendix E: Car Park Barrier Setting

Step 1. Load Profile: In and Out Barrier



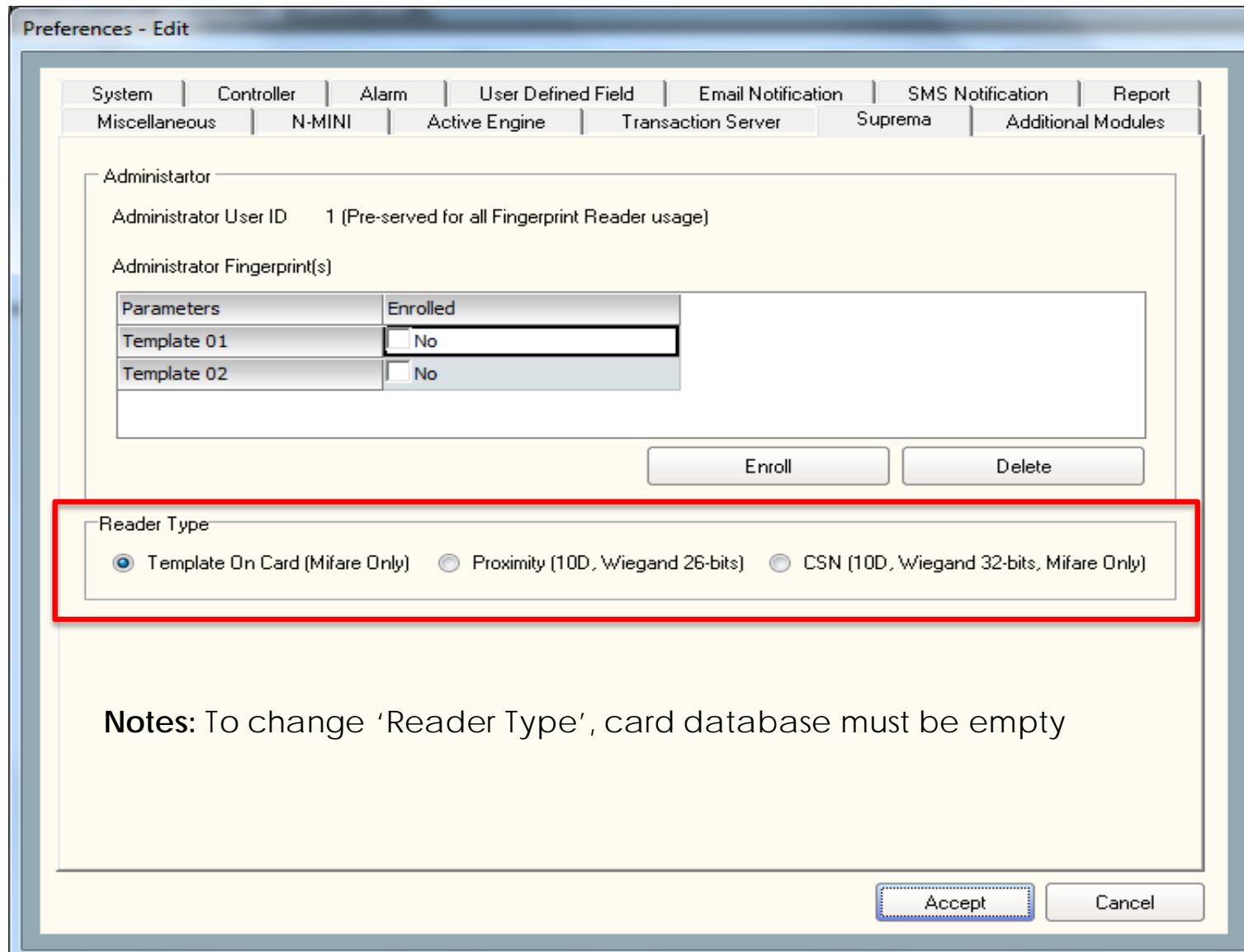
Appendix E: Car Park Barrier Setting

Step 2. Lock release time: 2 seconds



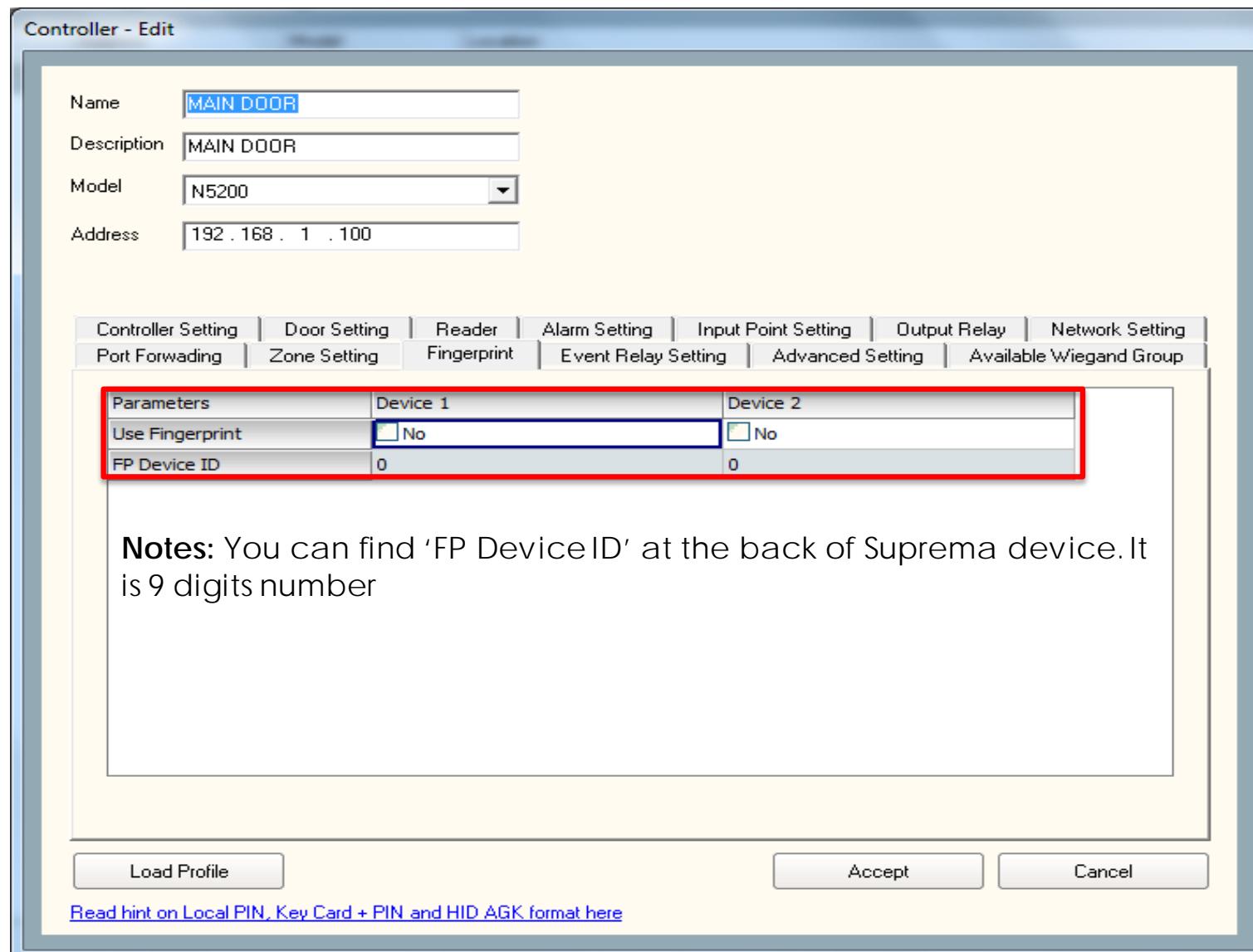
Appendix F: Suprema Setting

Step 1. Preference → Suprema → Reader Type



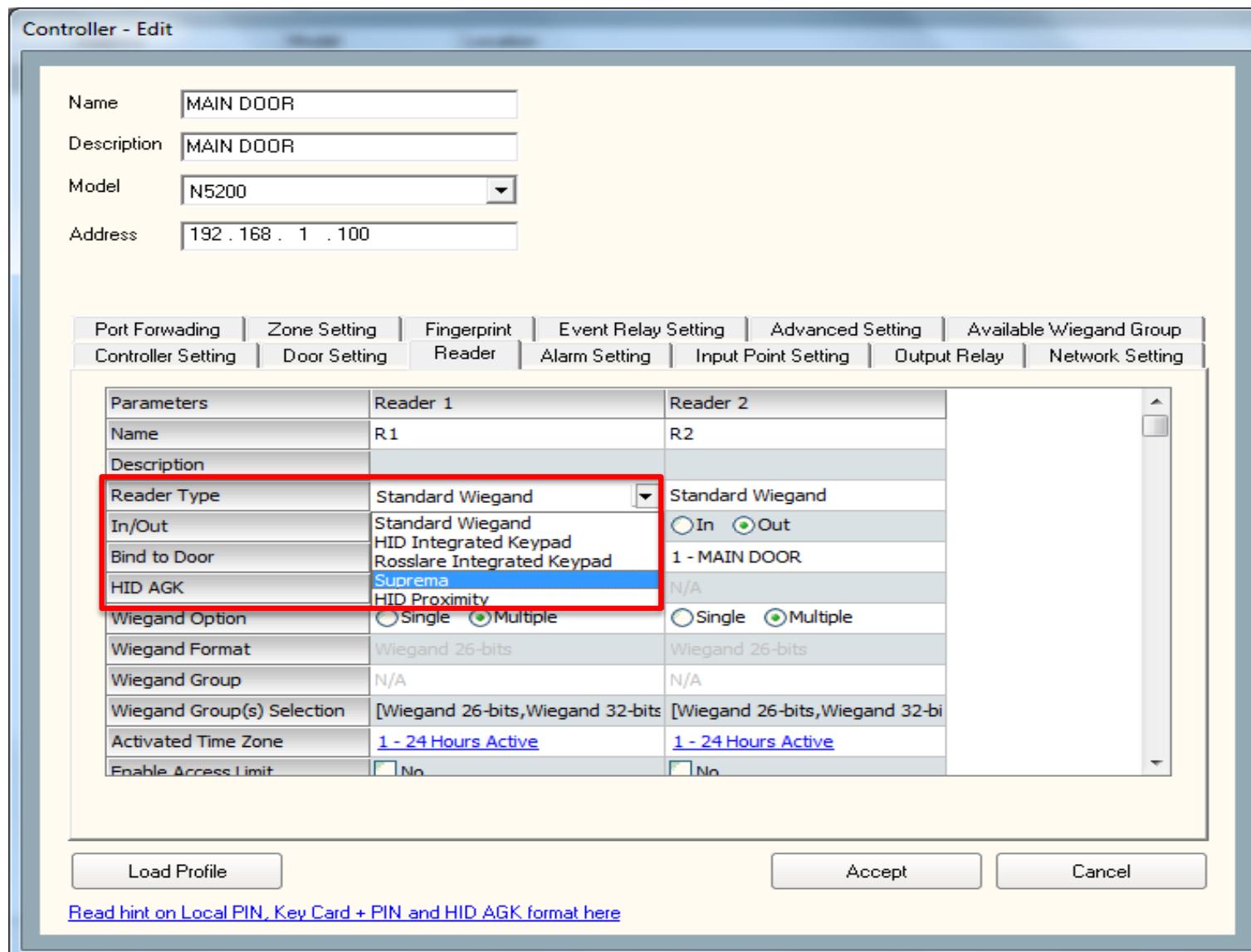
Appendix F: Suprema Setting

Step 2. Controller → Fingerprint → Device ID

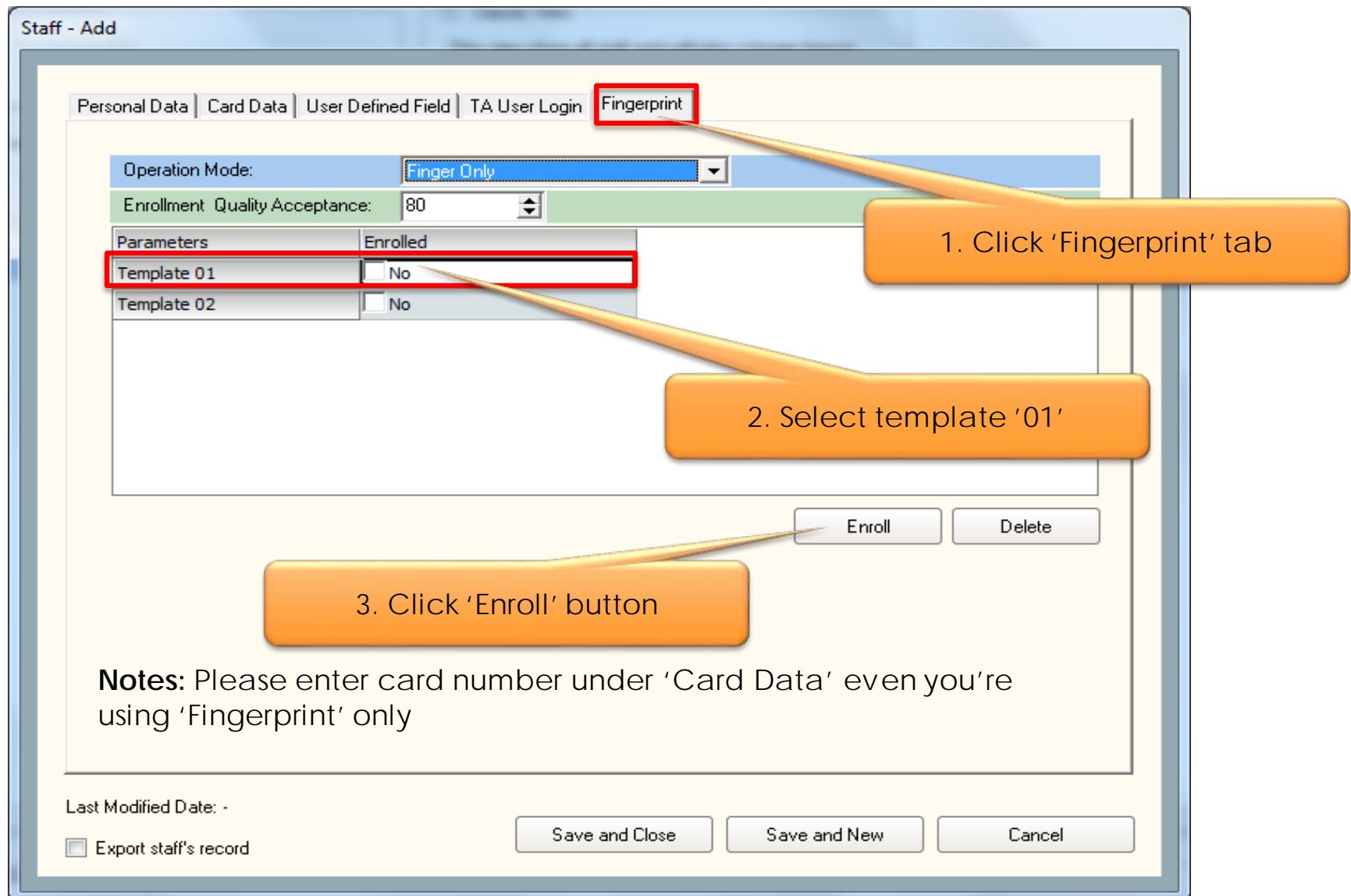


Appendix F: Suprema Setting

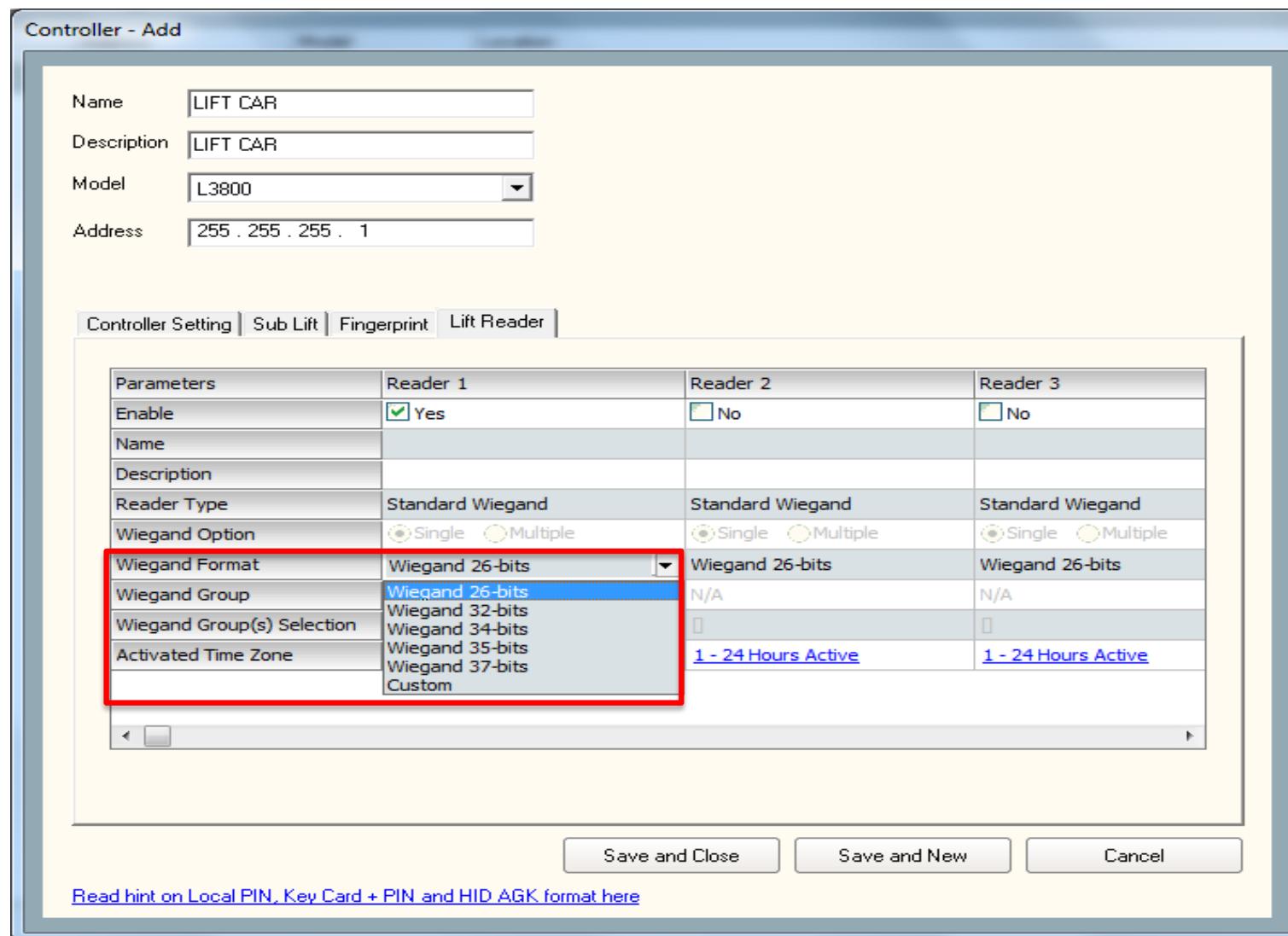
Step 3. Controller → Reader → Reader Type: Suprema



Appendix G: Enroll Fingerprint



Appendix H: L3800 Controller Wiegand Format Setting

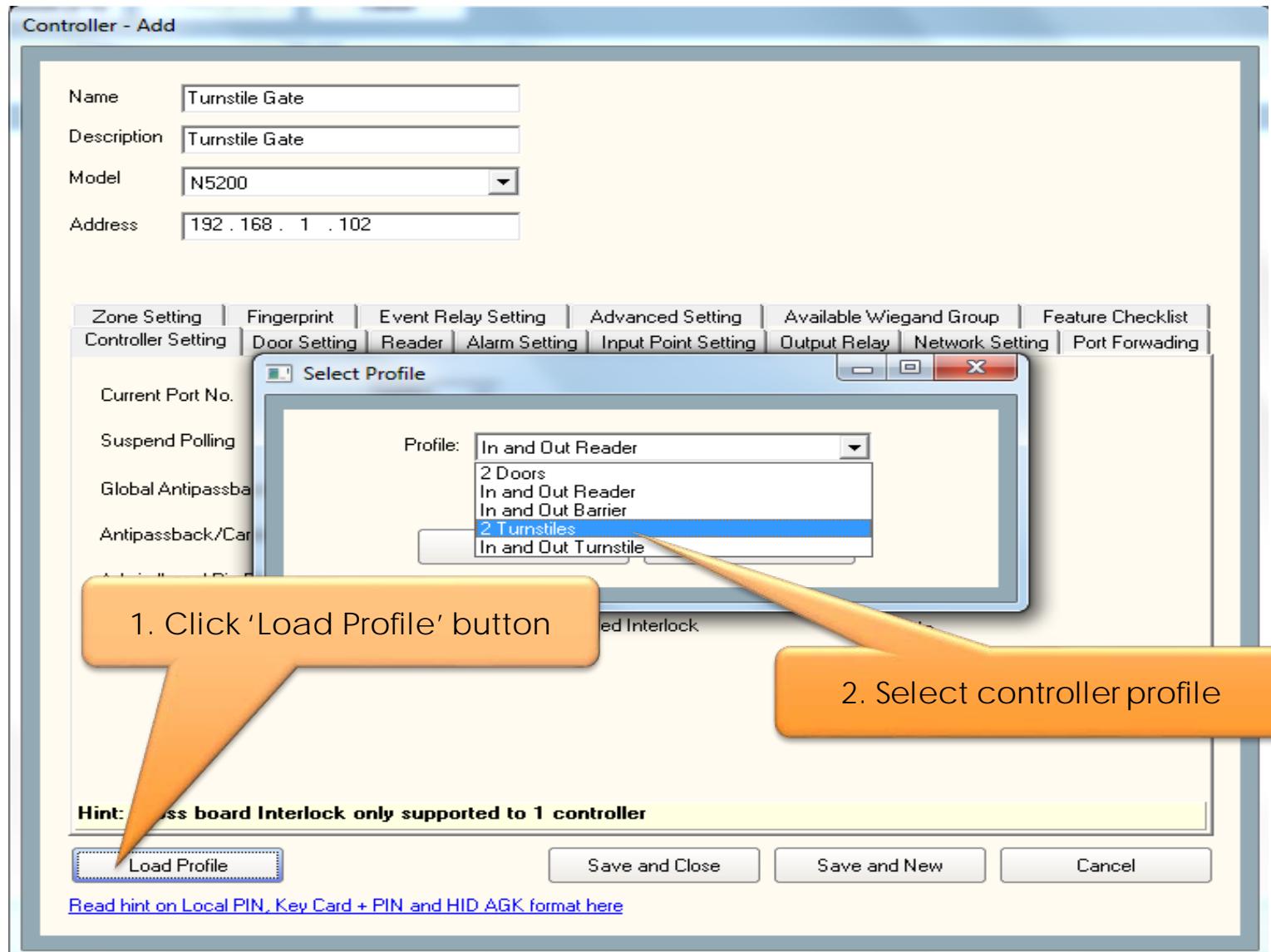


Notes: Please choose Wiegand 26 bits for Proximity format & Wiegand 32 bits for Mifare format



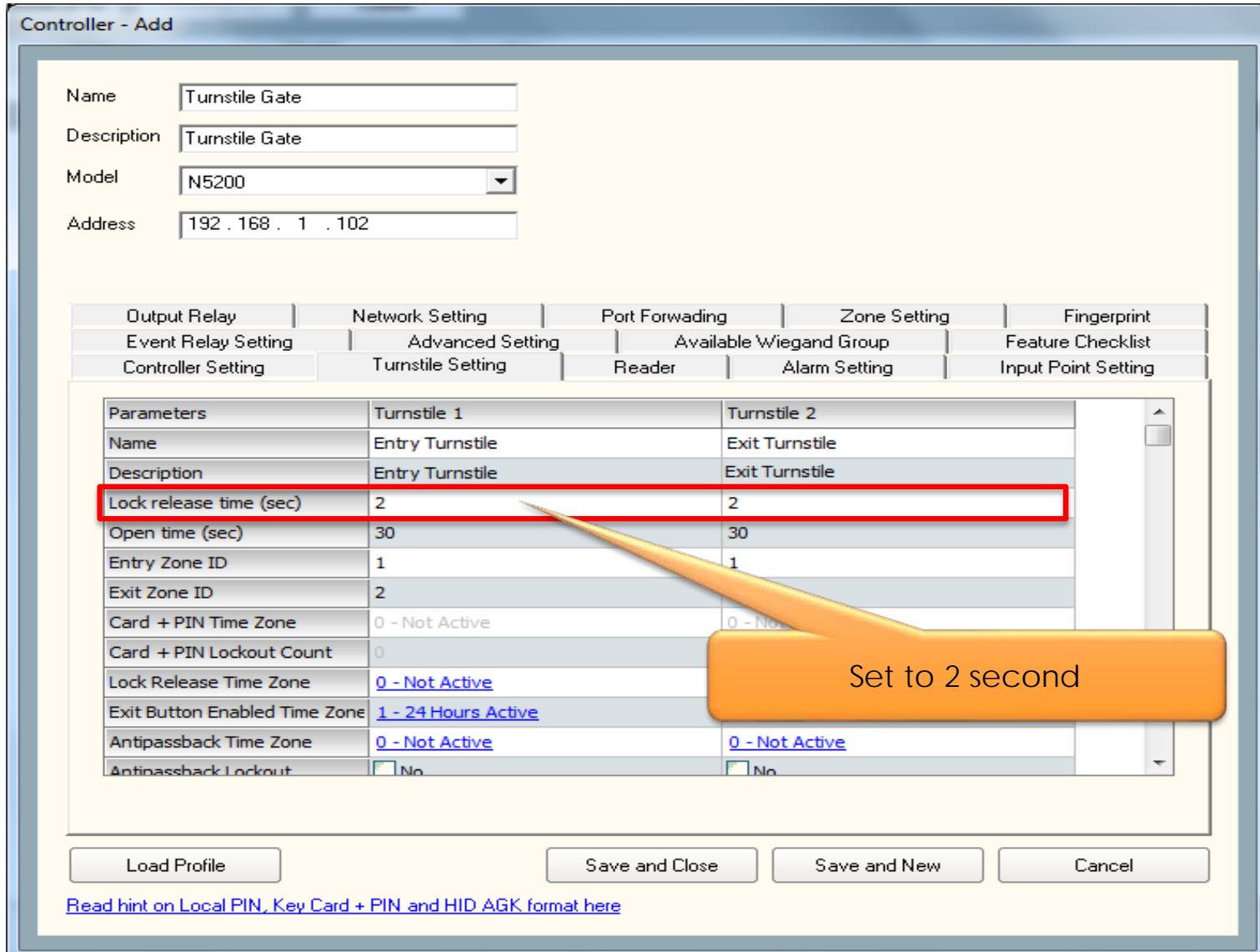
Appendix I: Turnstile Setting

Step 1. Load Profile: 2 Turnstiles



Appendix I: Turnstile Setting

Step 2. Lock release time: 2 seconds



THANK YOU

