ENTRYPASS PLATFORM1 SERVER CONFIGURATION GUIDE

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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

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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

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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

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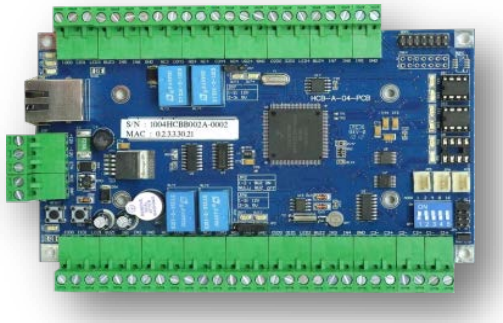
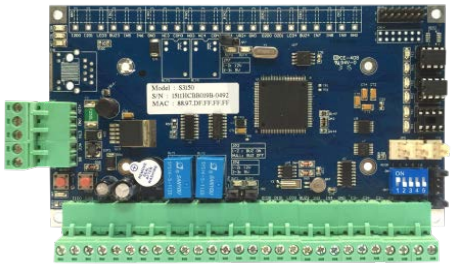
Hardware Introduction

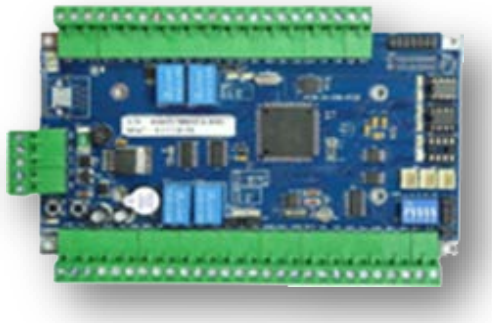
Active Network Control Panel
(N5150)



Active Network Control Panel
(N5200, N5400)



RS232/RS485 Serial Control Panel
(S3150)



RS232/RS485 Serial Control Panel
(S3200, S3400)

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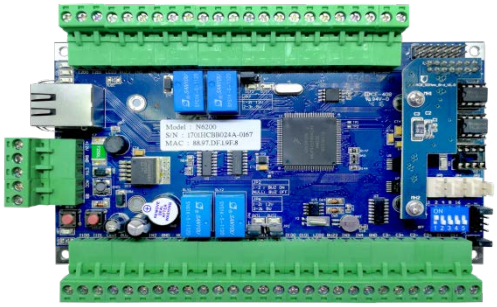
Hardware Introduction



Active Network Control Panel
(N6200, N6400)

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

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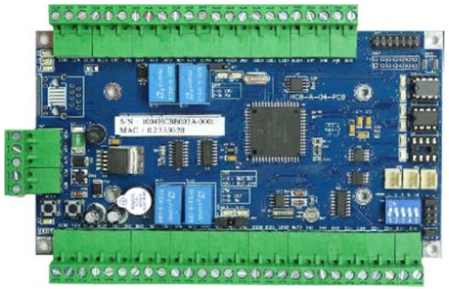
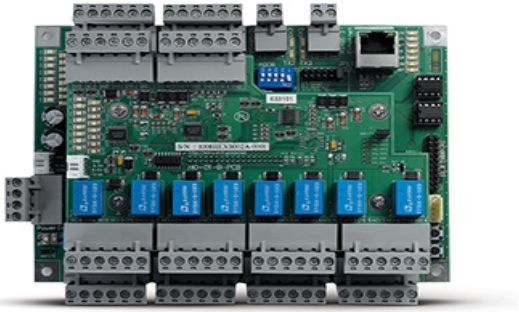
Hardware Introduction

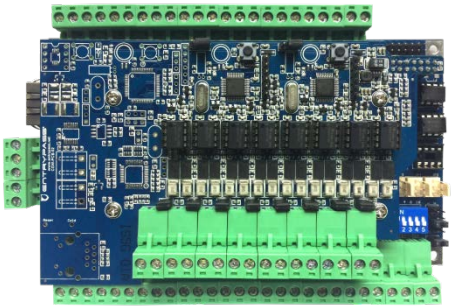


Serial Lift Access Control Panel
(L3800)

+



Hybrid Input & Output Control Panel
(HIO)



Networked Lift Access
Control Panel
(NE4800)

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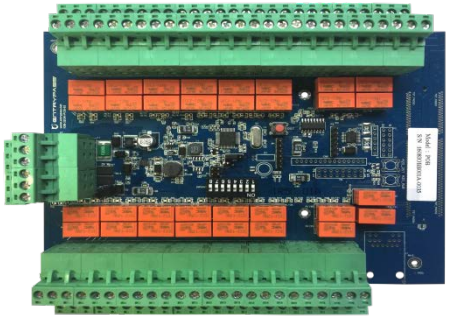

Passive Output Board
(POB)

+

Wiegand Converter
(WIE.485)

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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)].*

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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)*

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EP Device Server Manager (Web Server Configuration)

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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.

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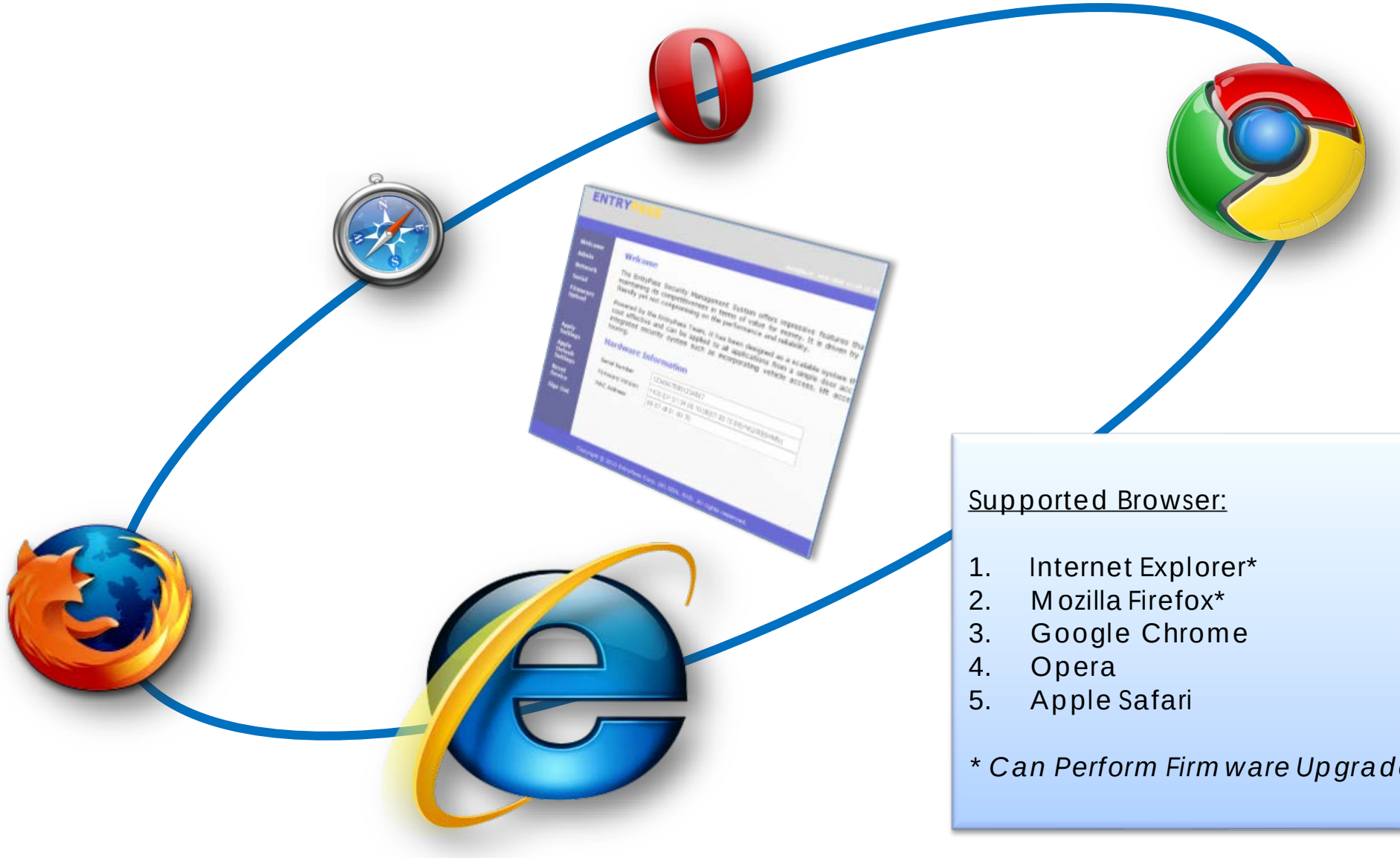

Supported Browser:

1. Internet Explorer*
2. Mozilla Firefox*
3. Google Chrome
4. Opera
5. Apple Safari

** Can Perform Firmware Upgrade*

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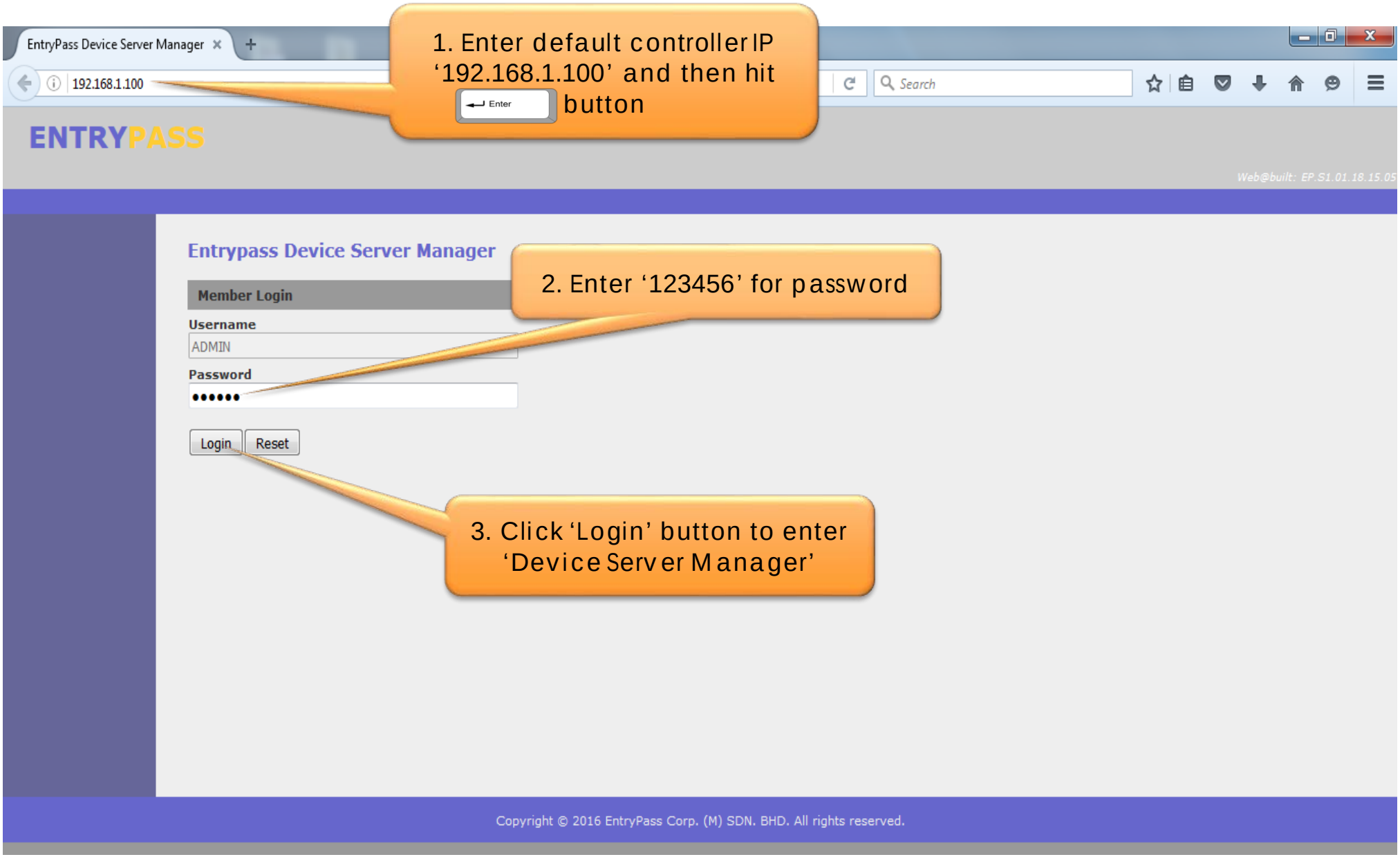

Notes: Please refer to 'EP Device Manager User Guide' for more information on how to configure network parameter.

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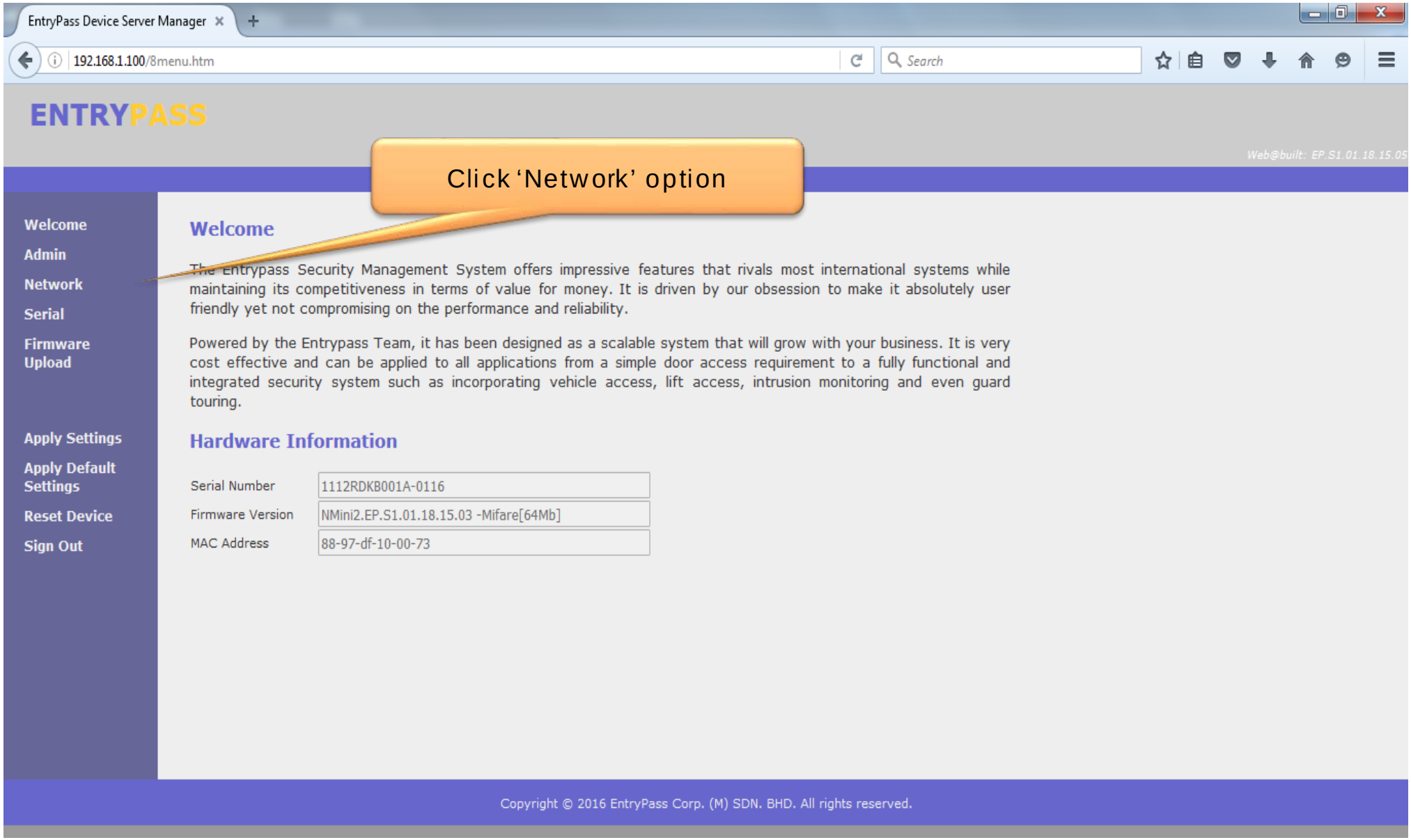

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Web Server Interface

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

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Firmware version 4.12 or below

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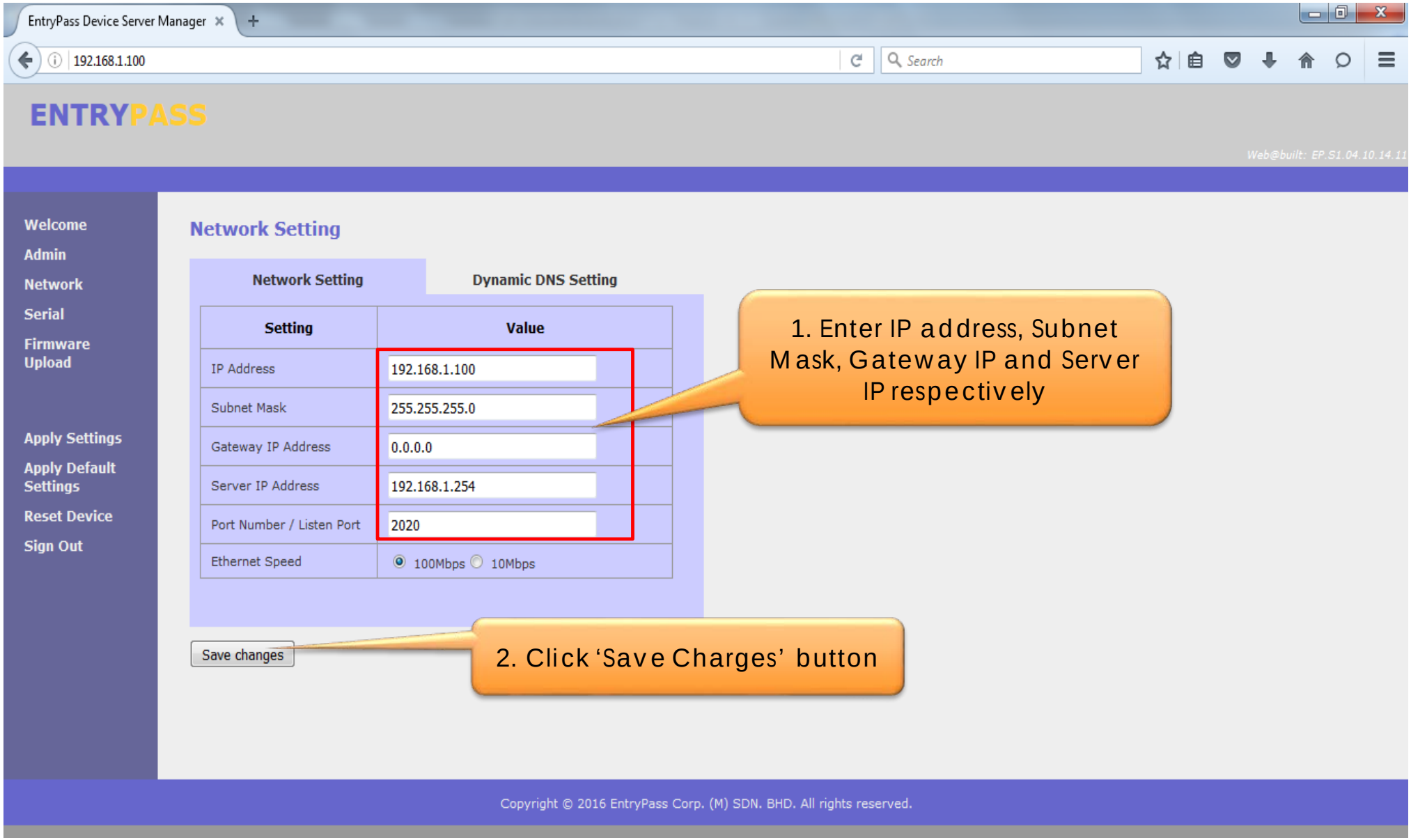

Notes: Server IP Address is refer to Platform1 Server PC IP Address.

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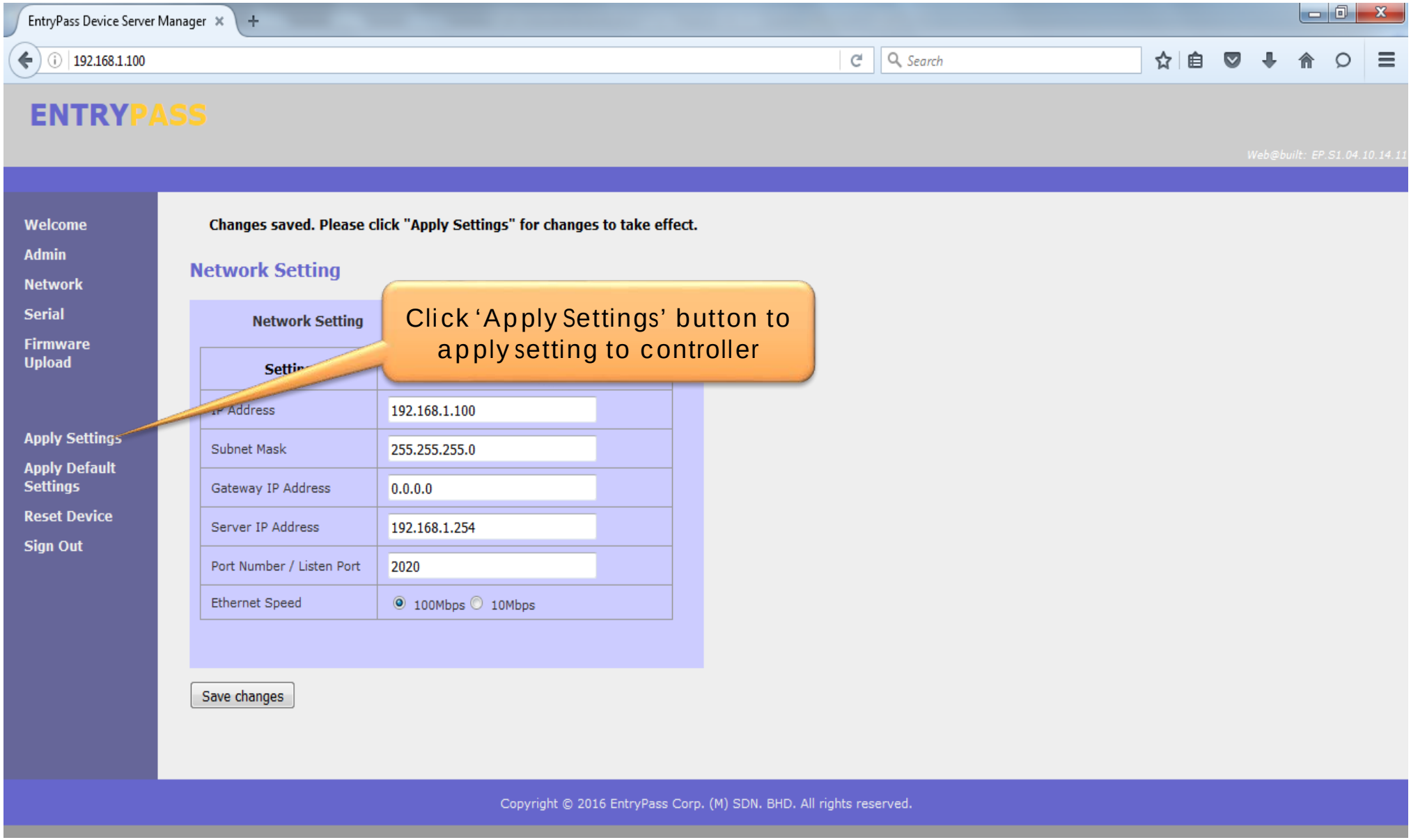

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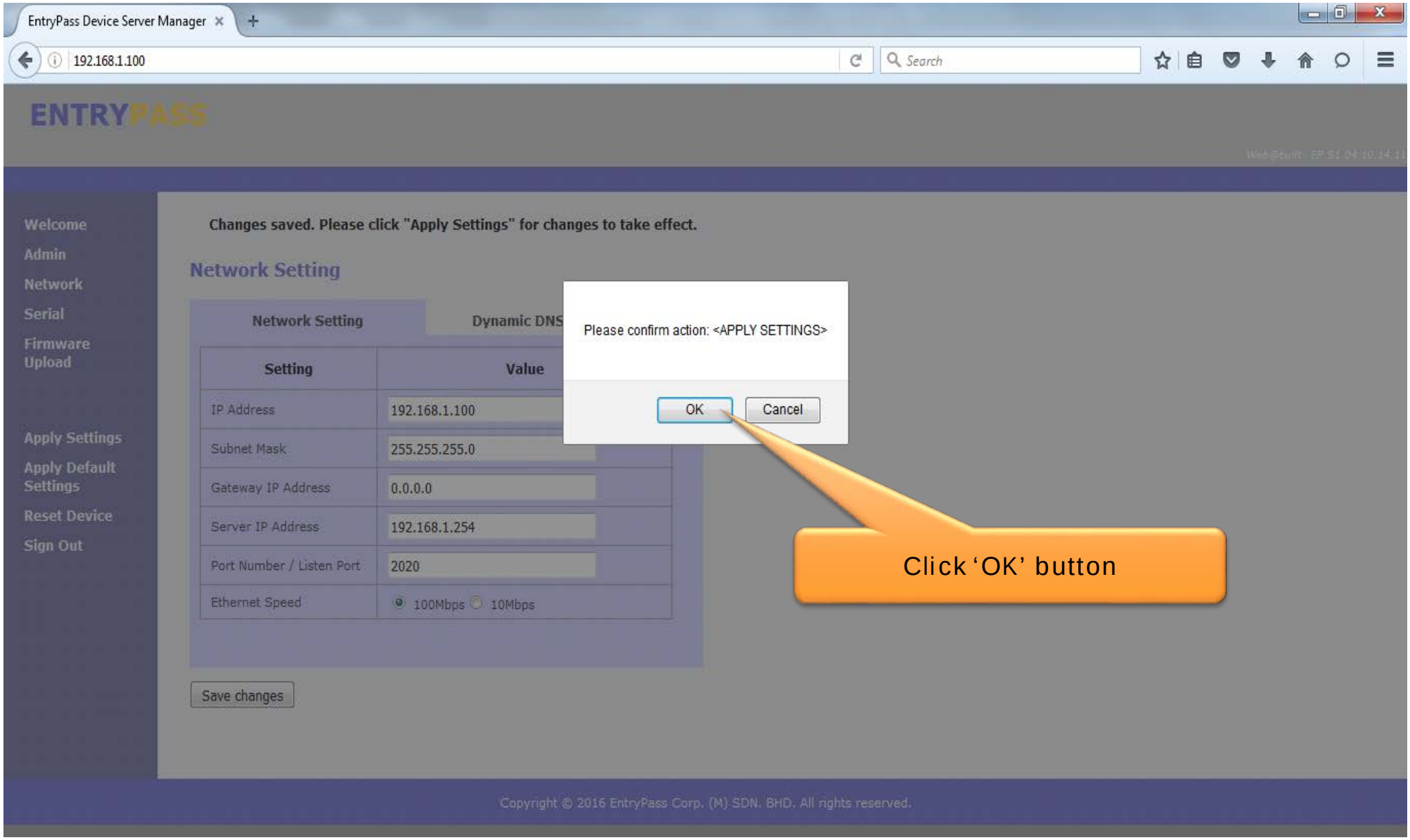

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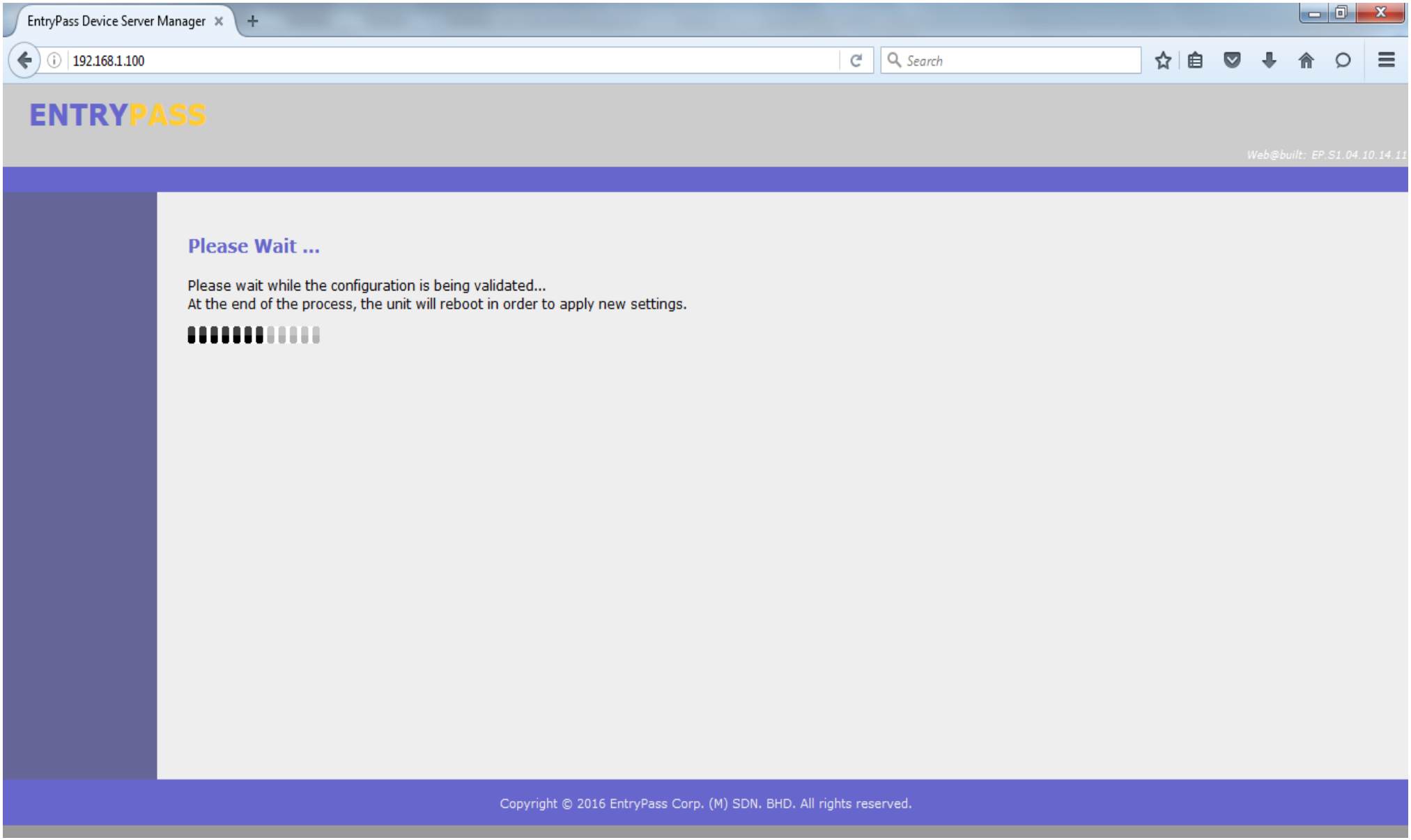

Notes: After applied setting, new network setting will saved into controller (**hardware** will reboot, approximately 5~10 seconds)

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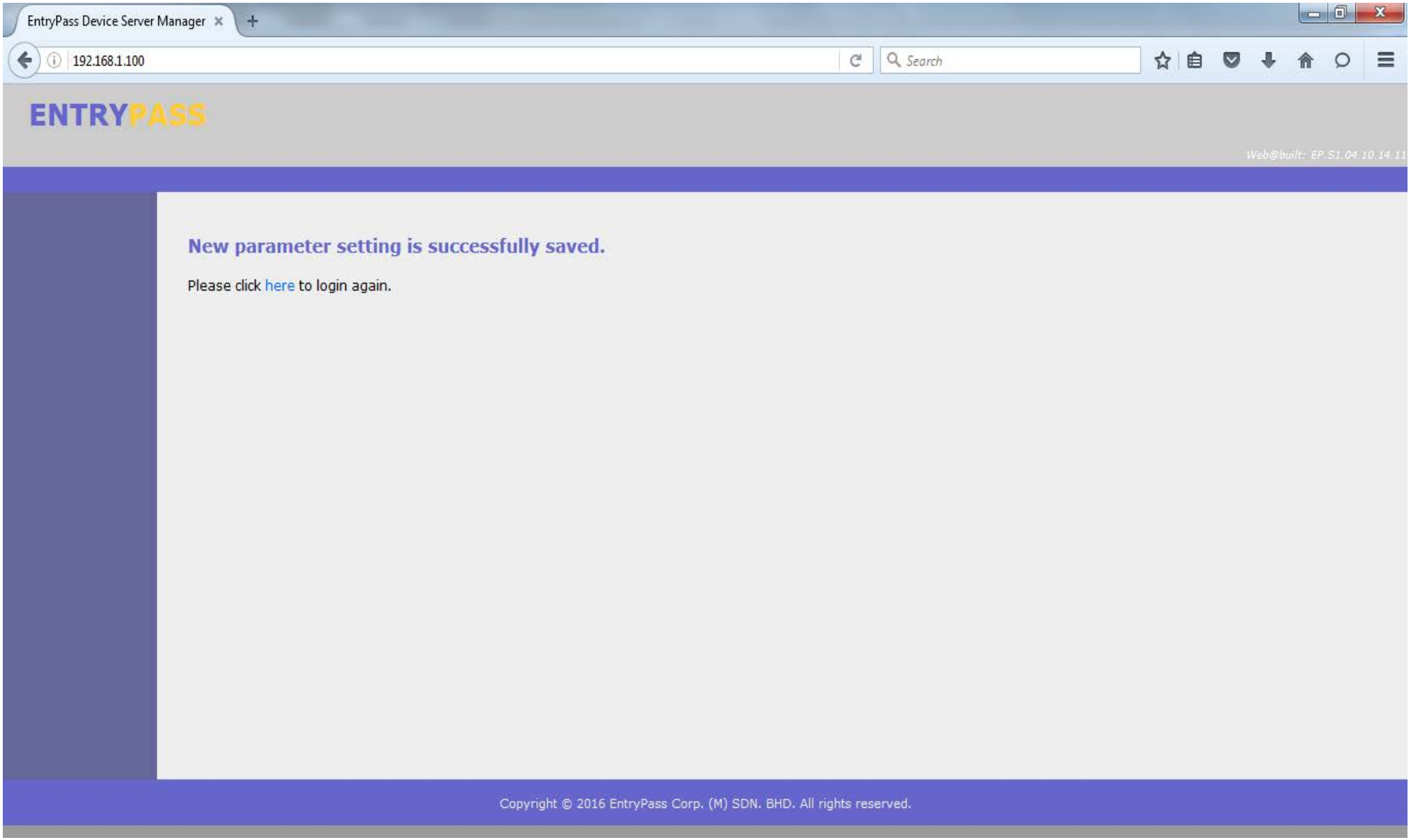

Notes: After controller reboot, please proceed to 'Active Network Based Hardware Setup Steps'

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Firmware version 4.13 or above

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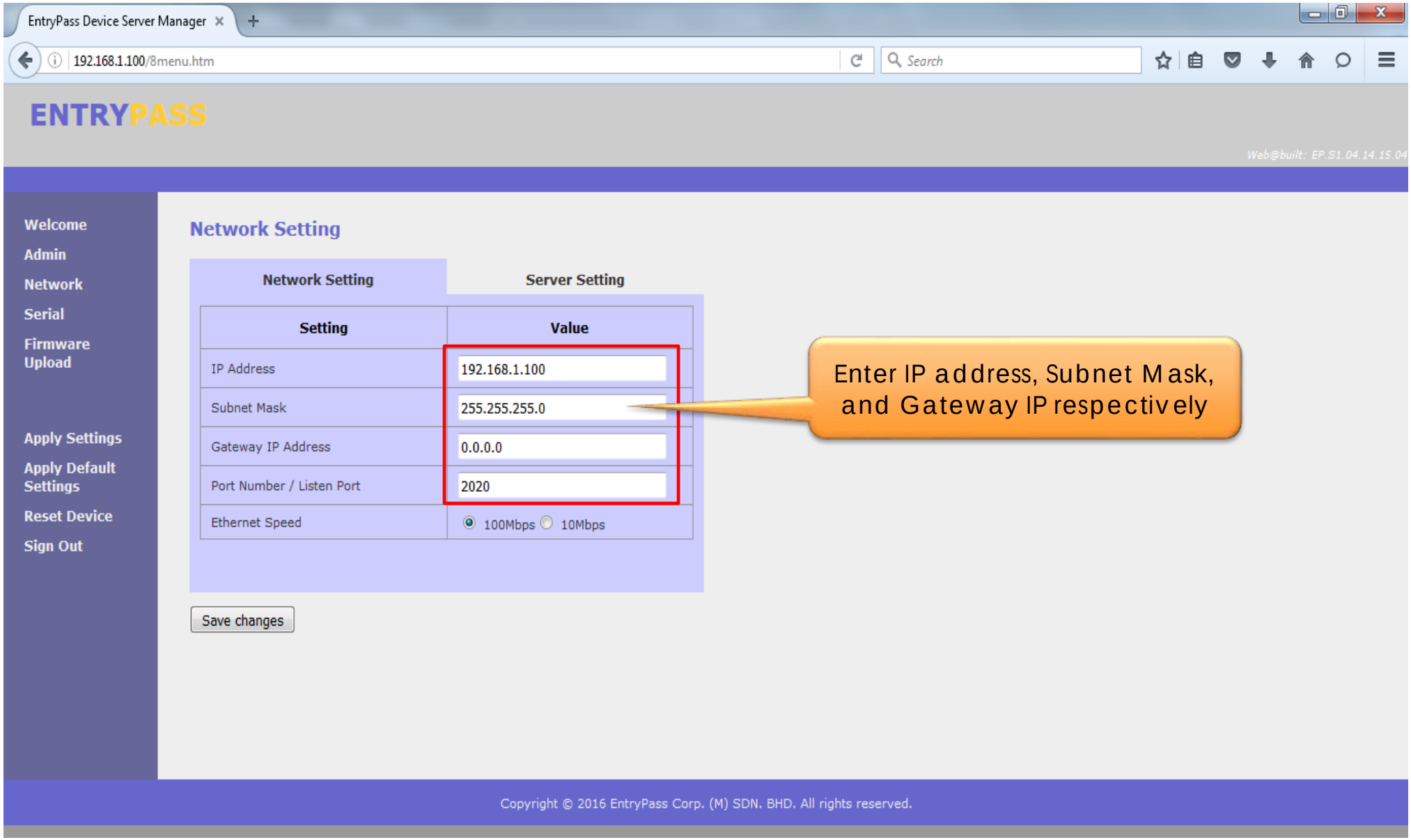

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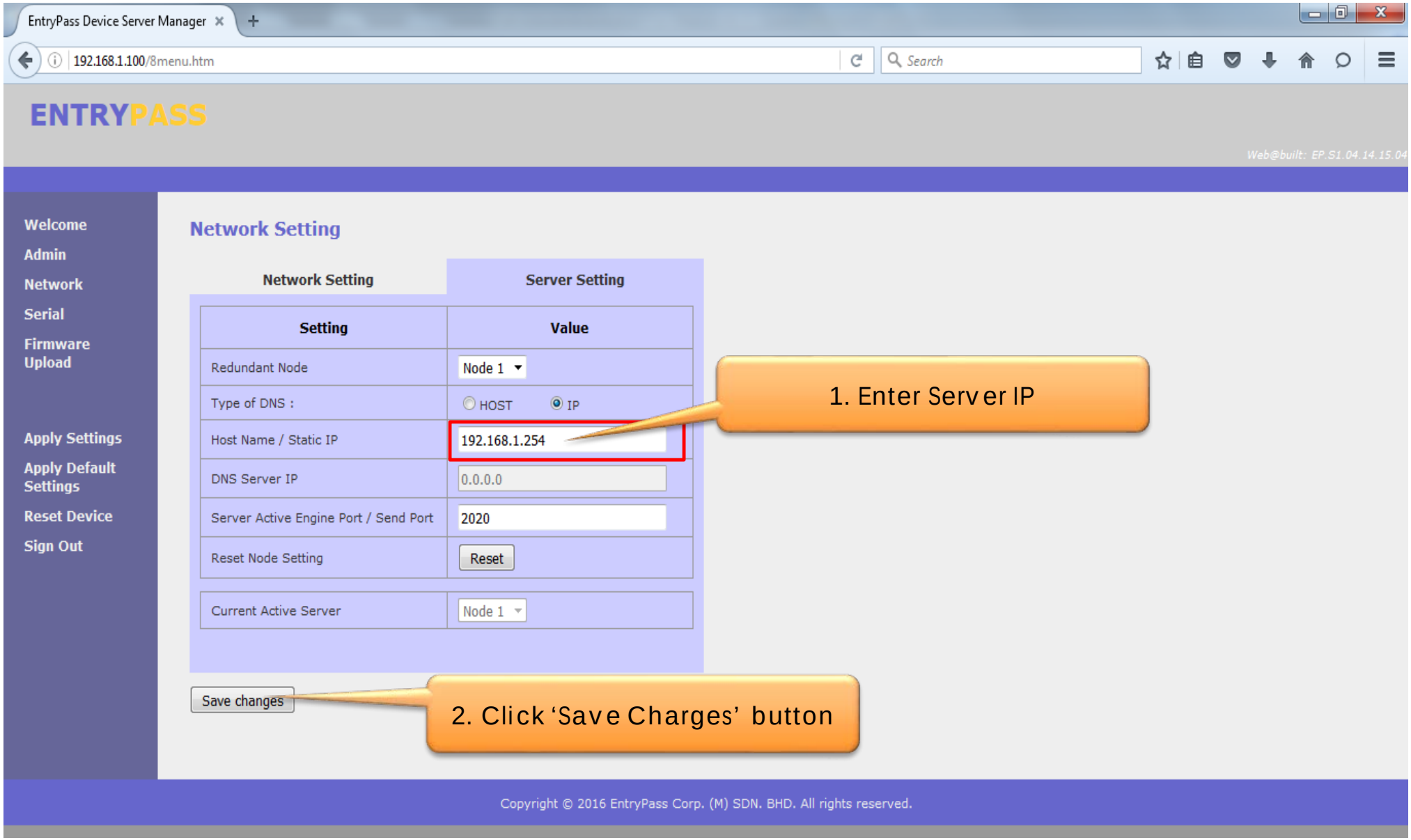

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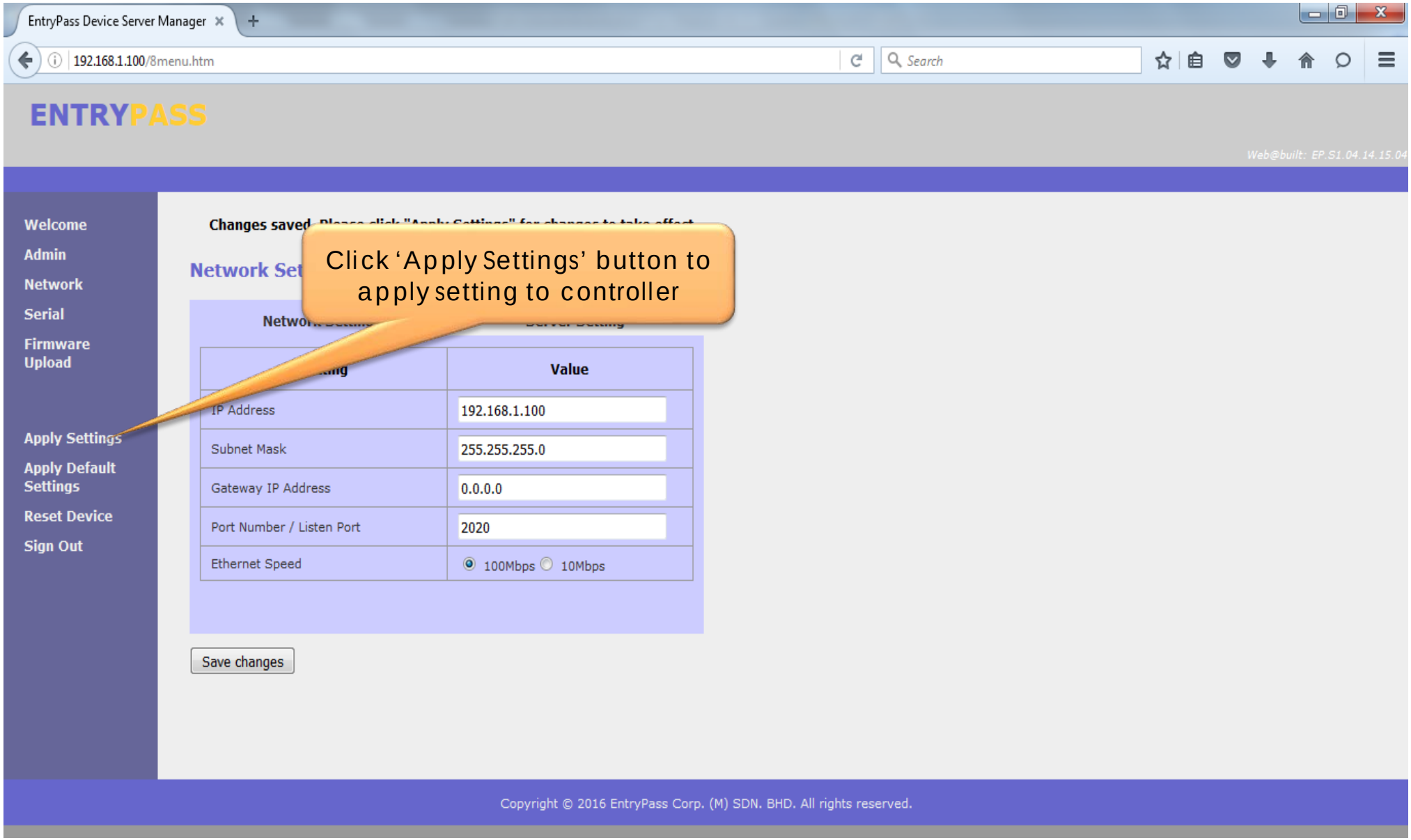

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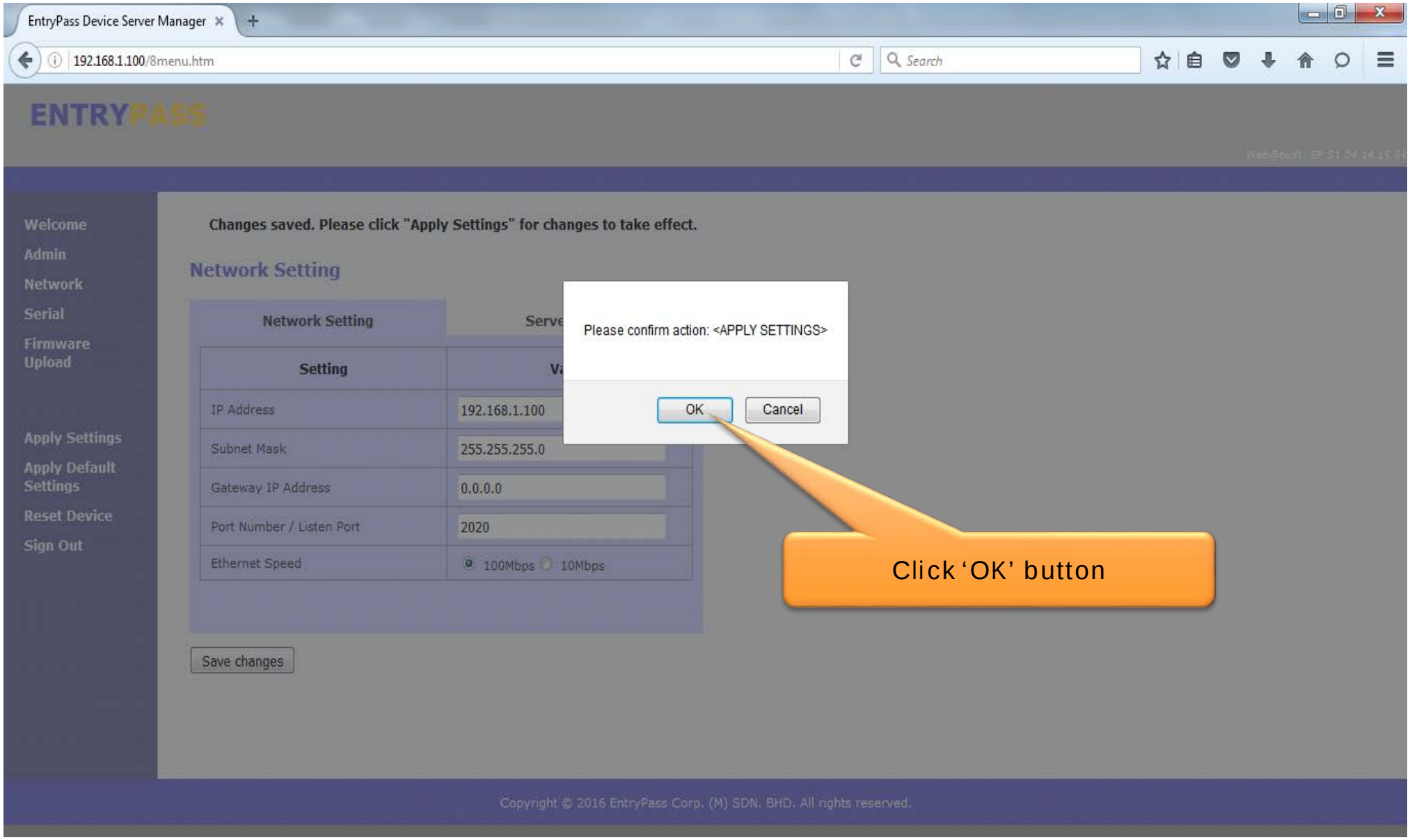

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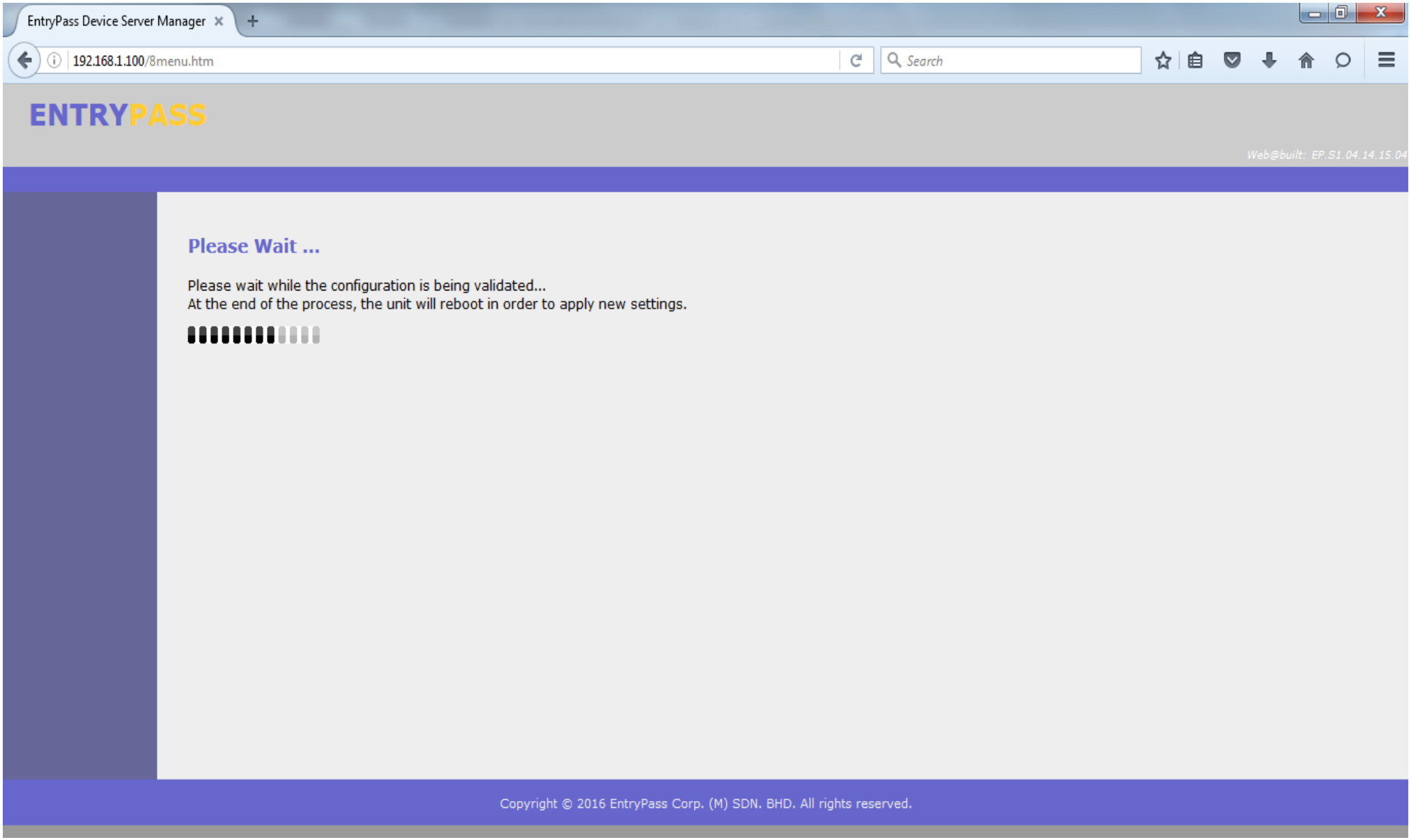

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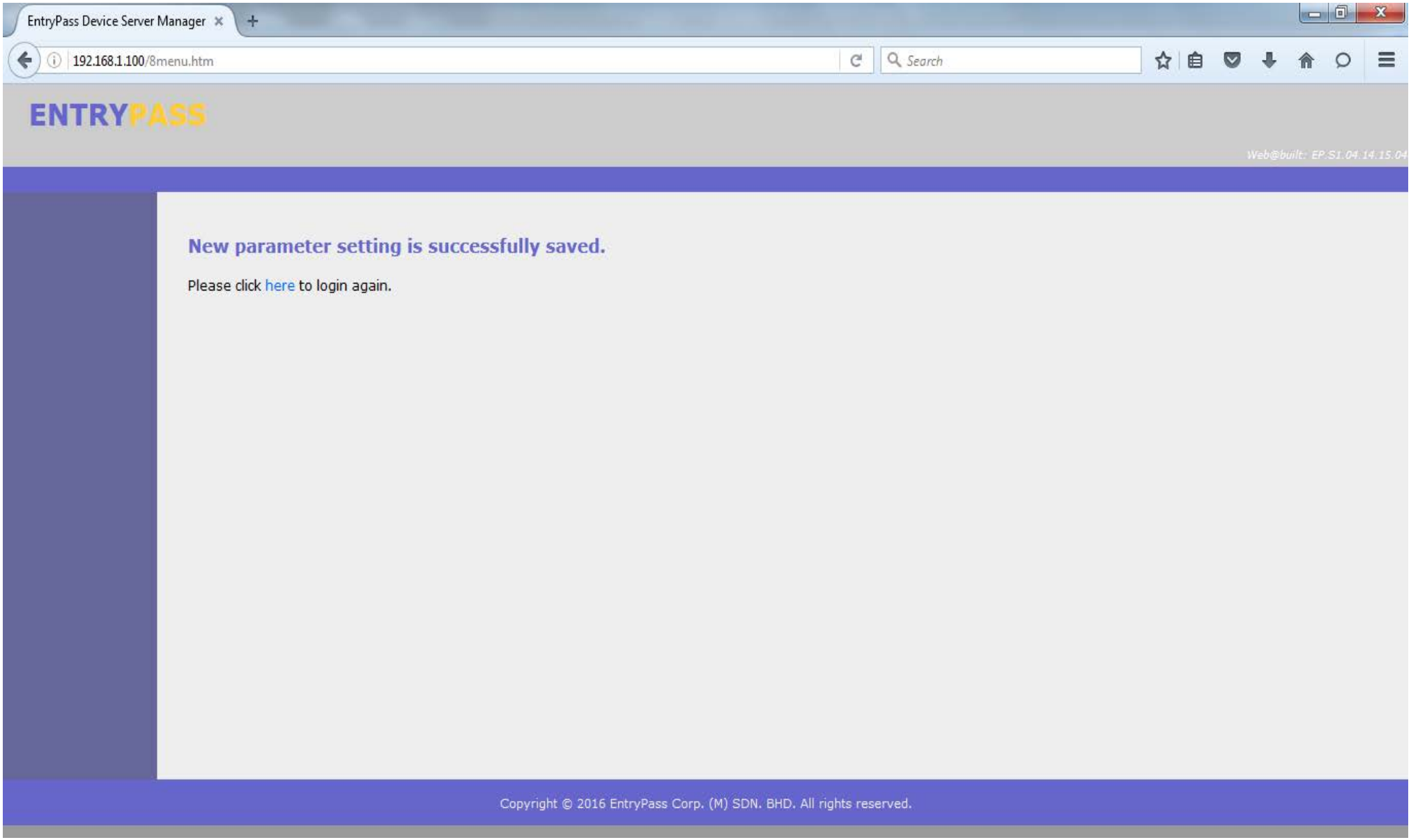

Notes: After controller reboot, please proceed to 'Active Networked Hardware Setup Steps'

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P1 Server Software Installation Guide

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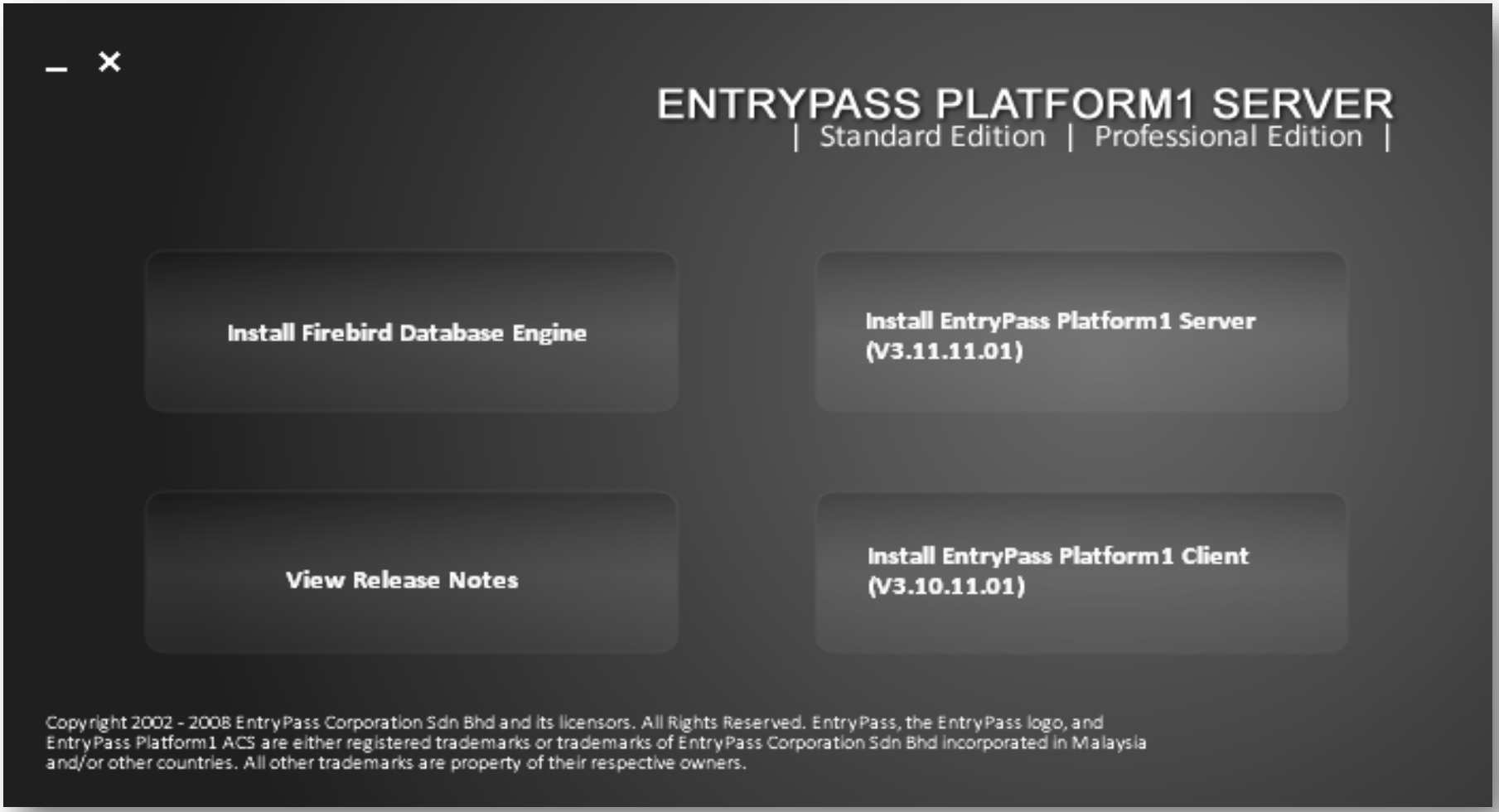

Notes: Insert the P1 Server Software CD. The above screen will appear.

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Firebird Setup

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

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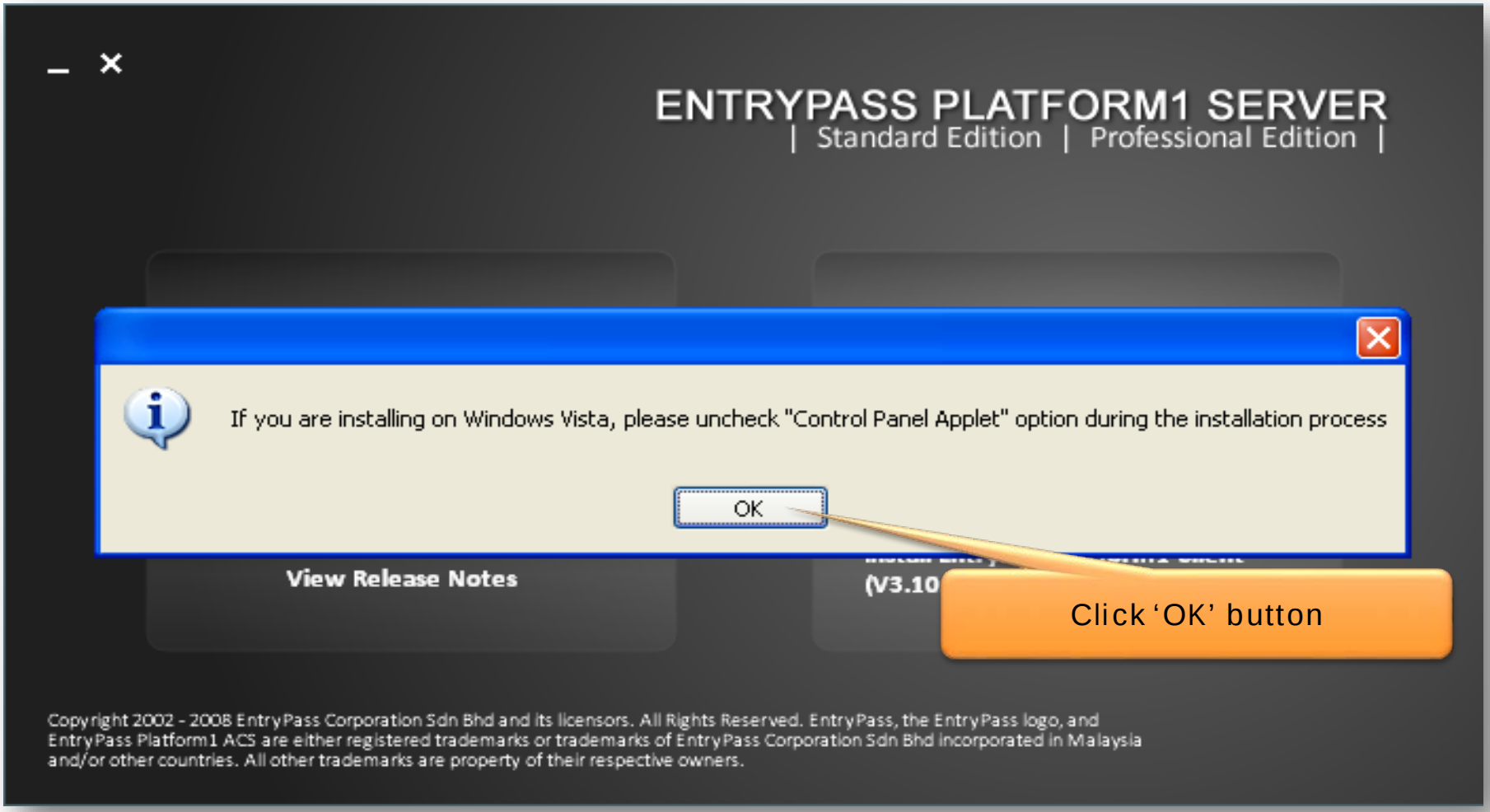

Notes: If you are installing on Window Vista/Win 7, please uncheck 'Control Panel Applet' option during the installation process

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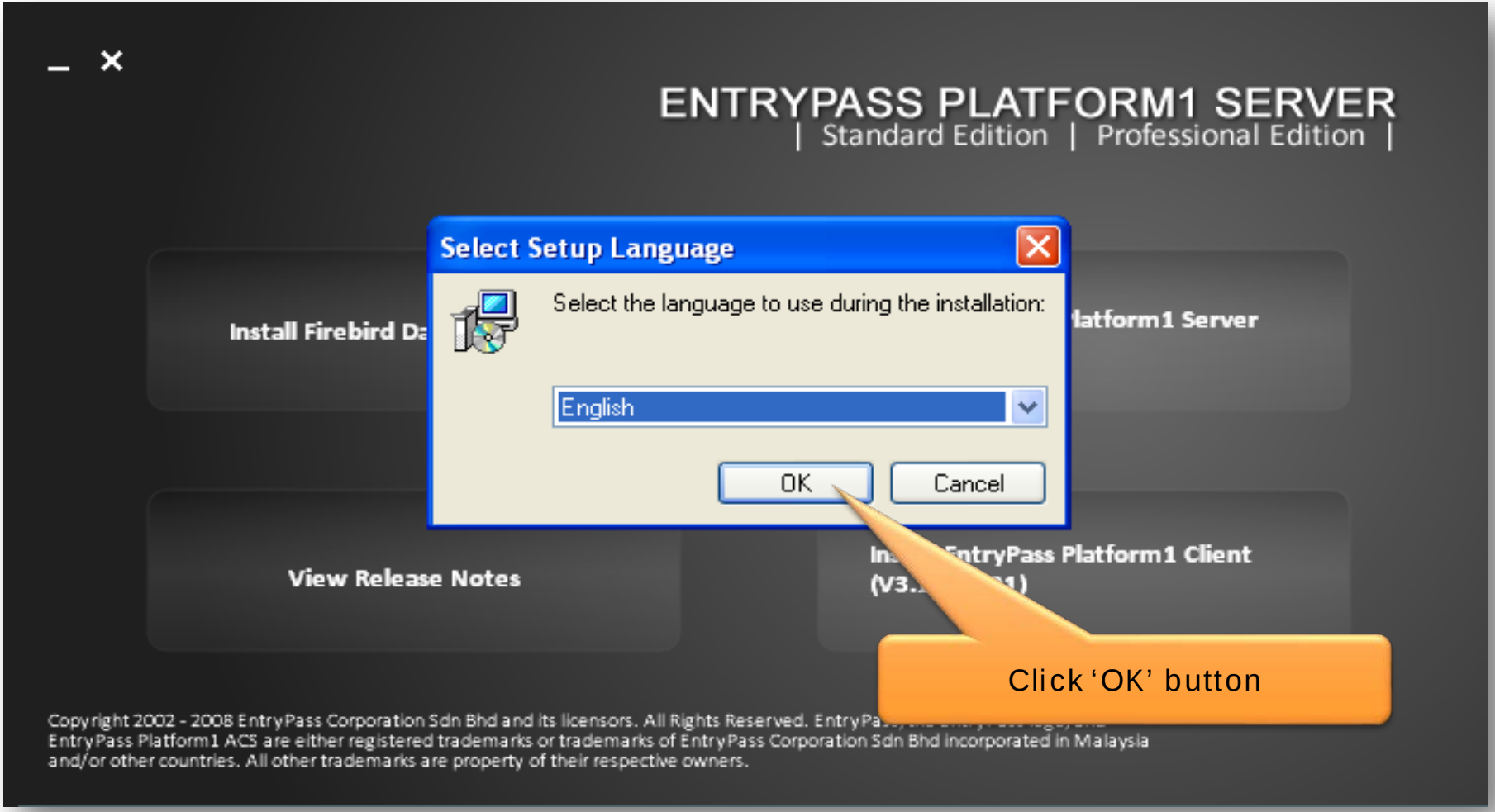

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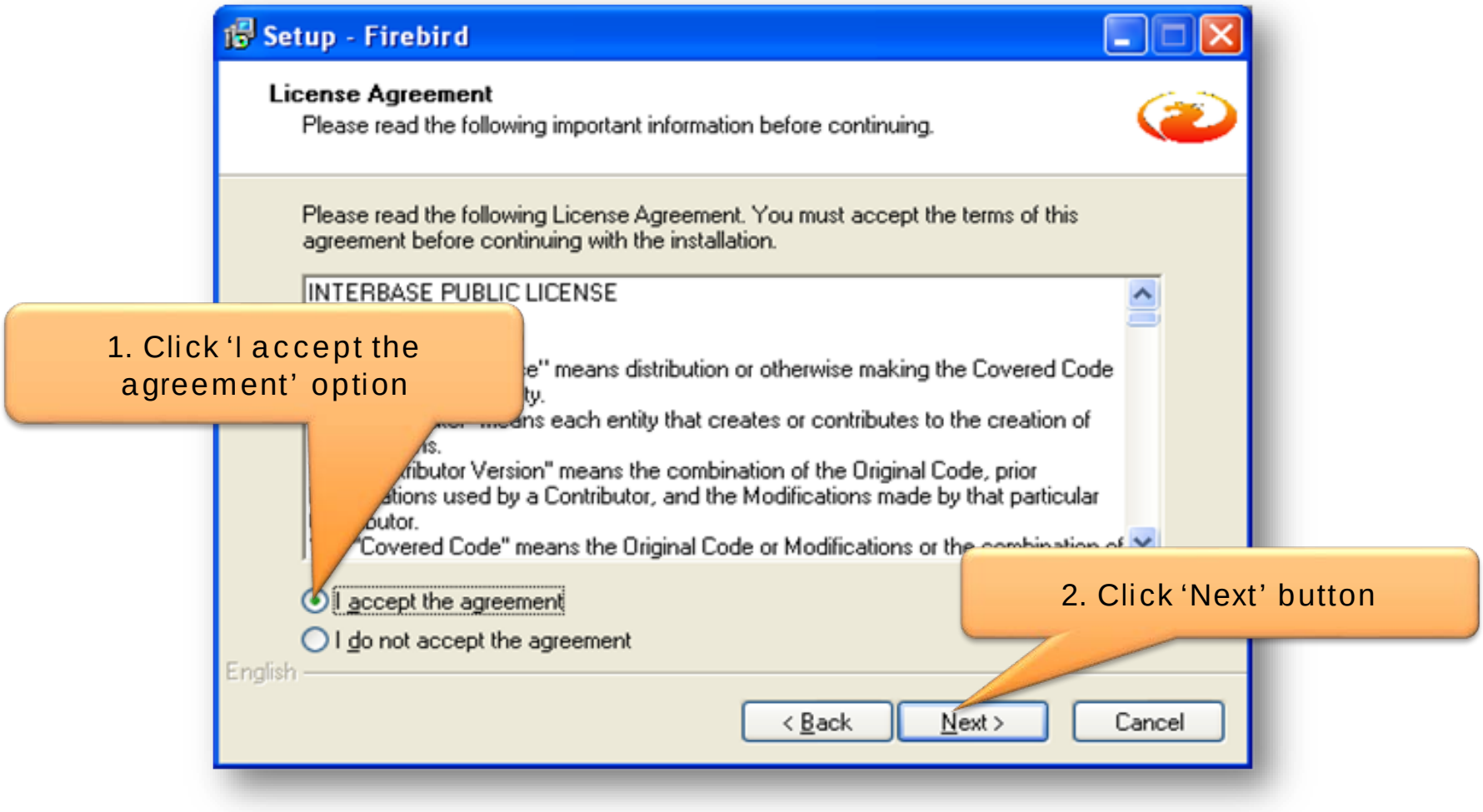

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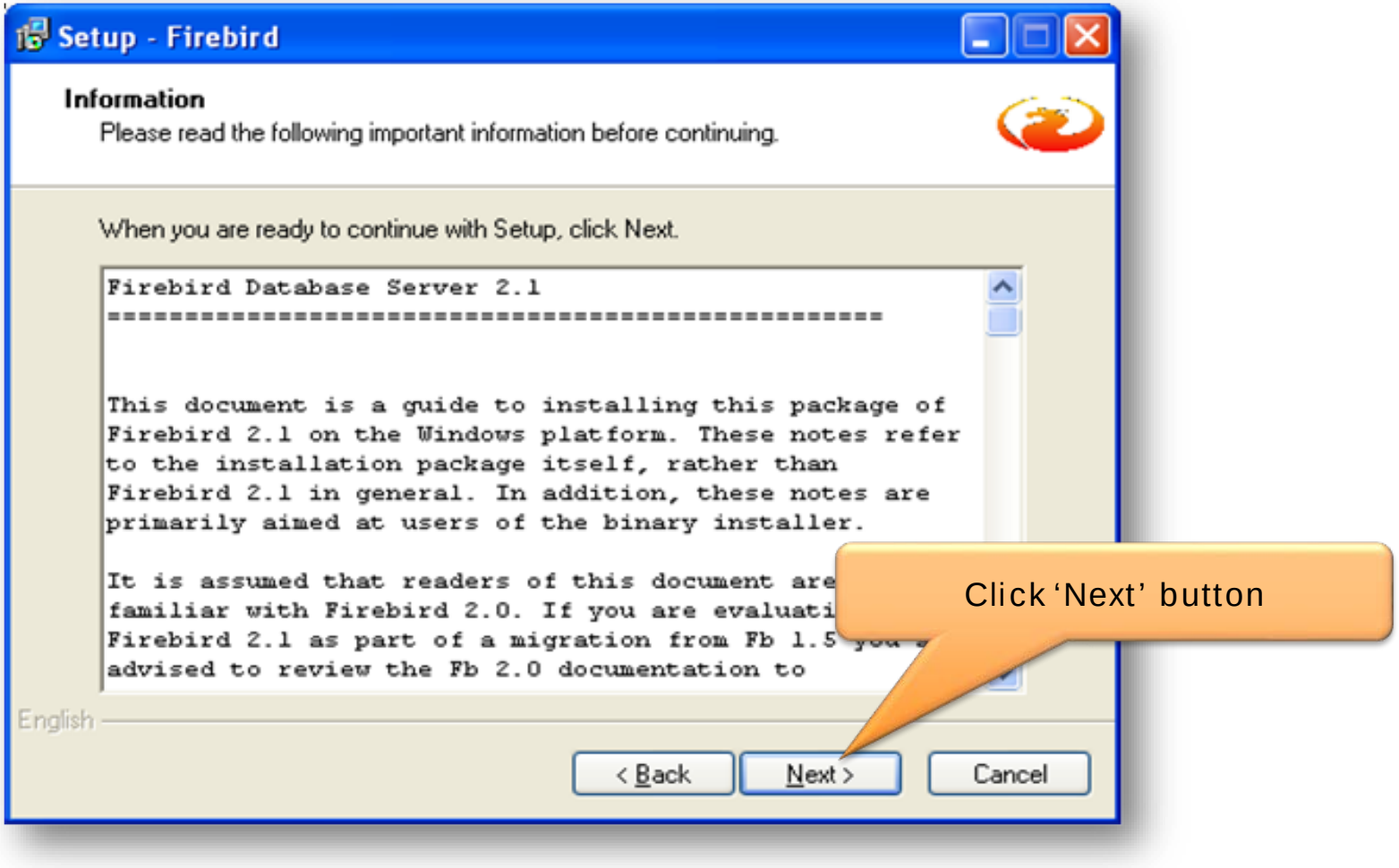

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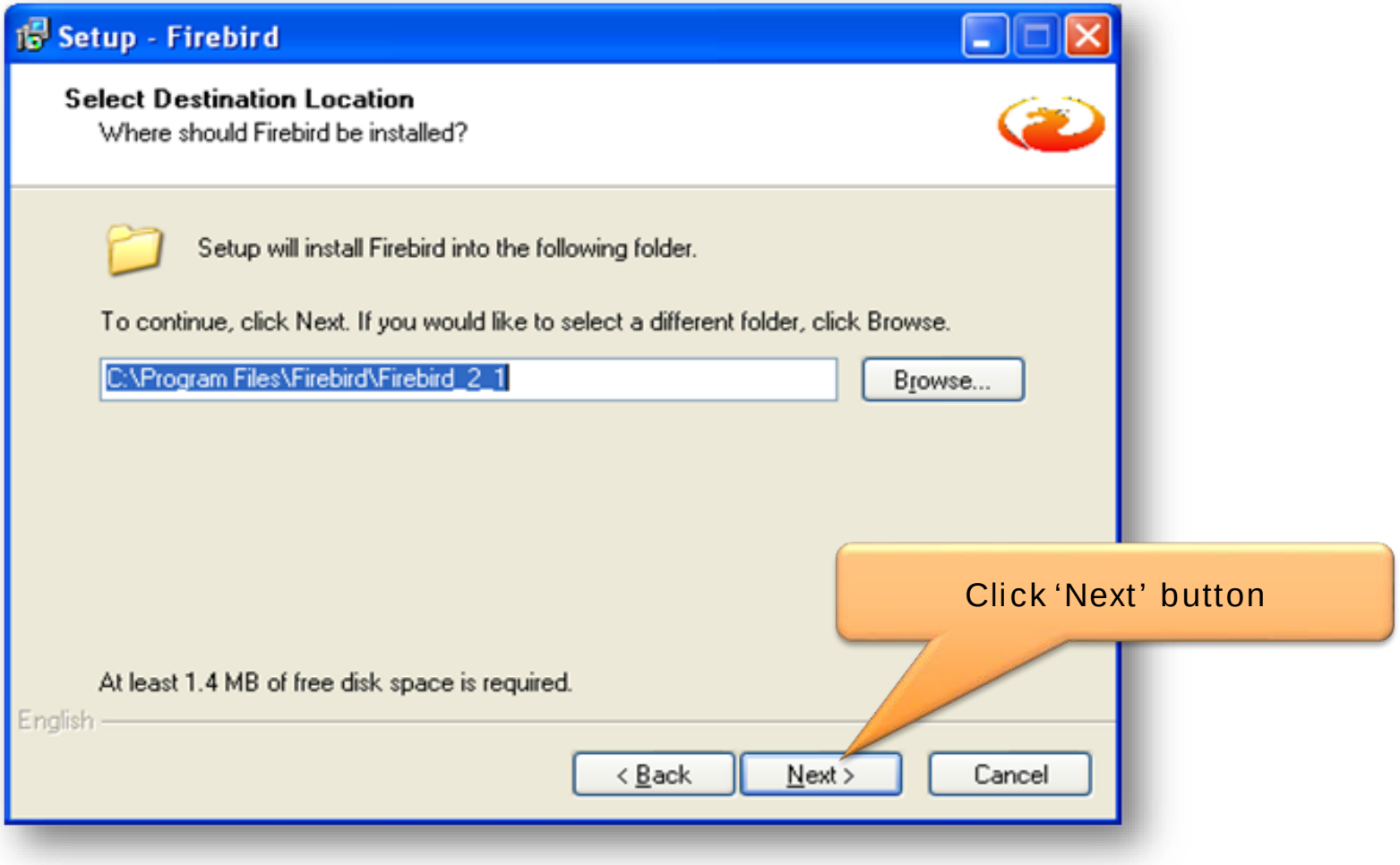

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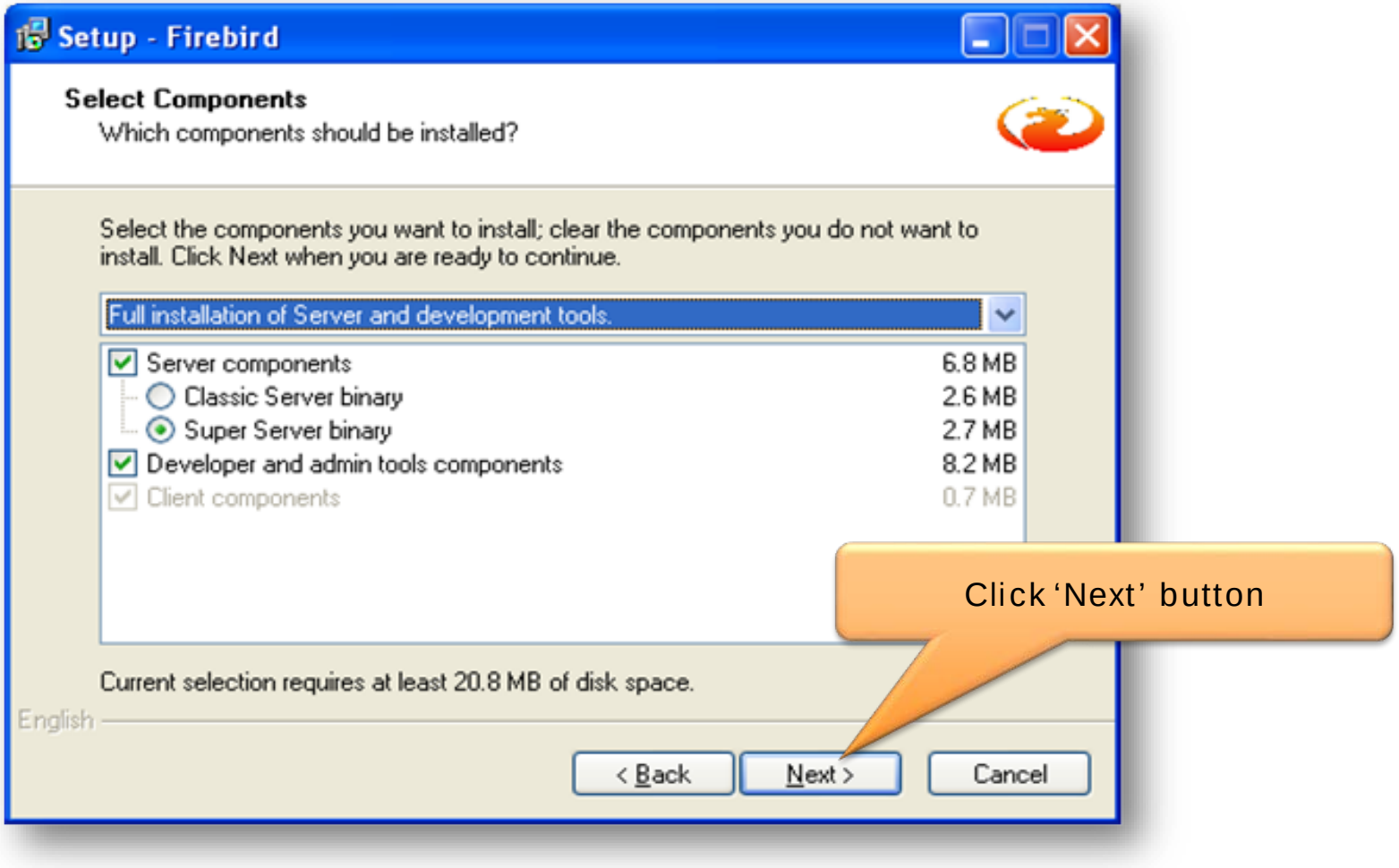

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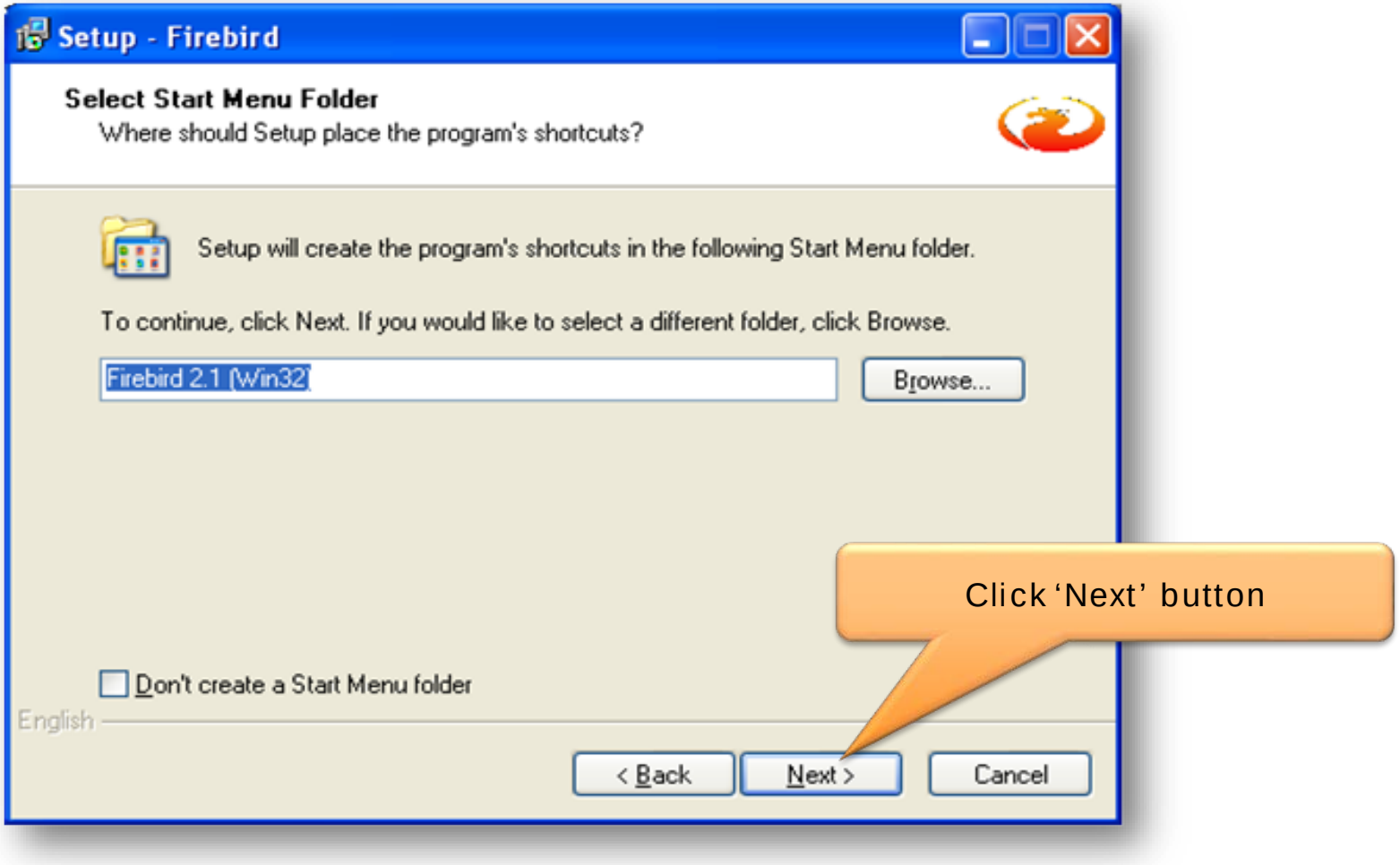

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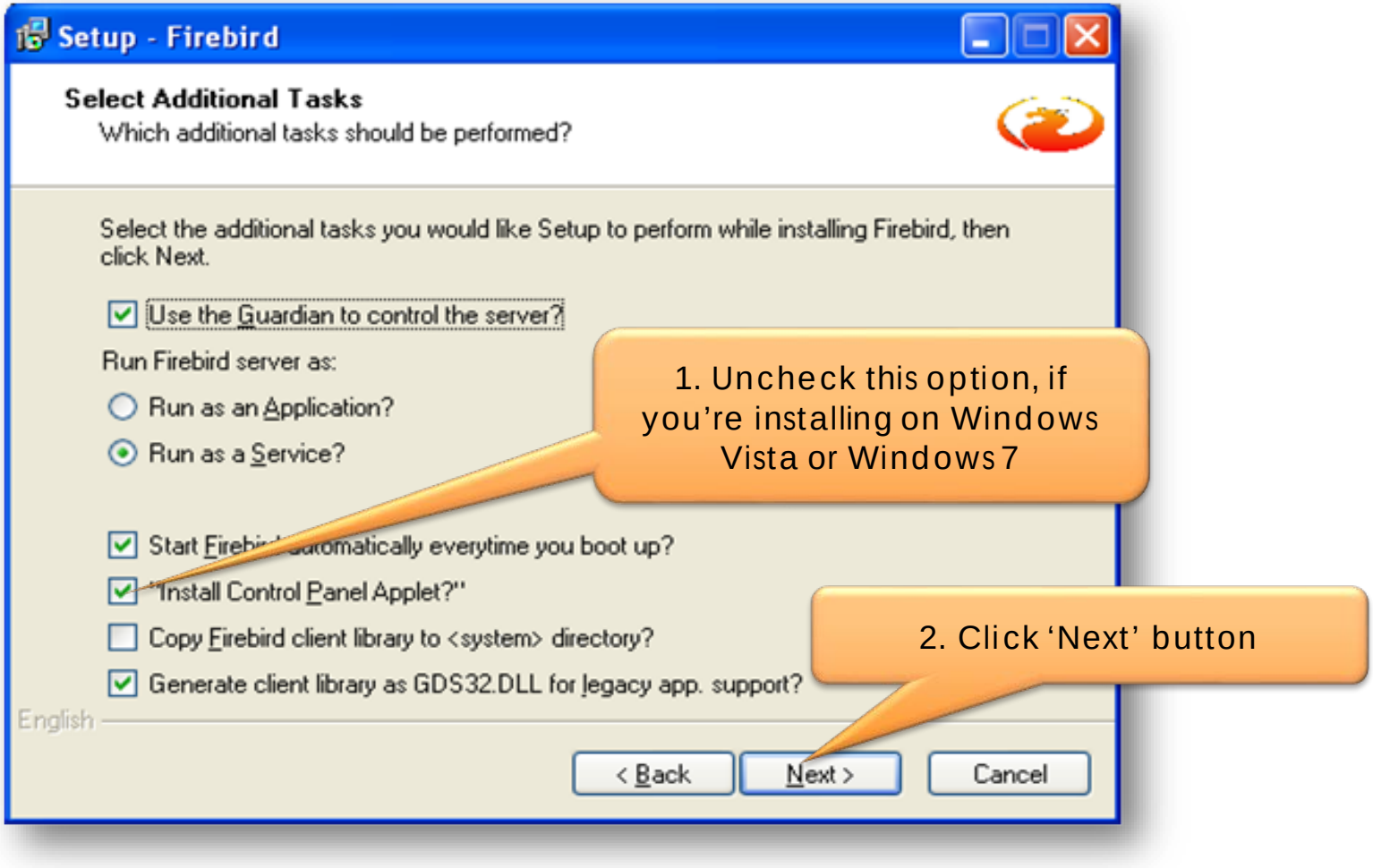

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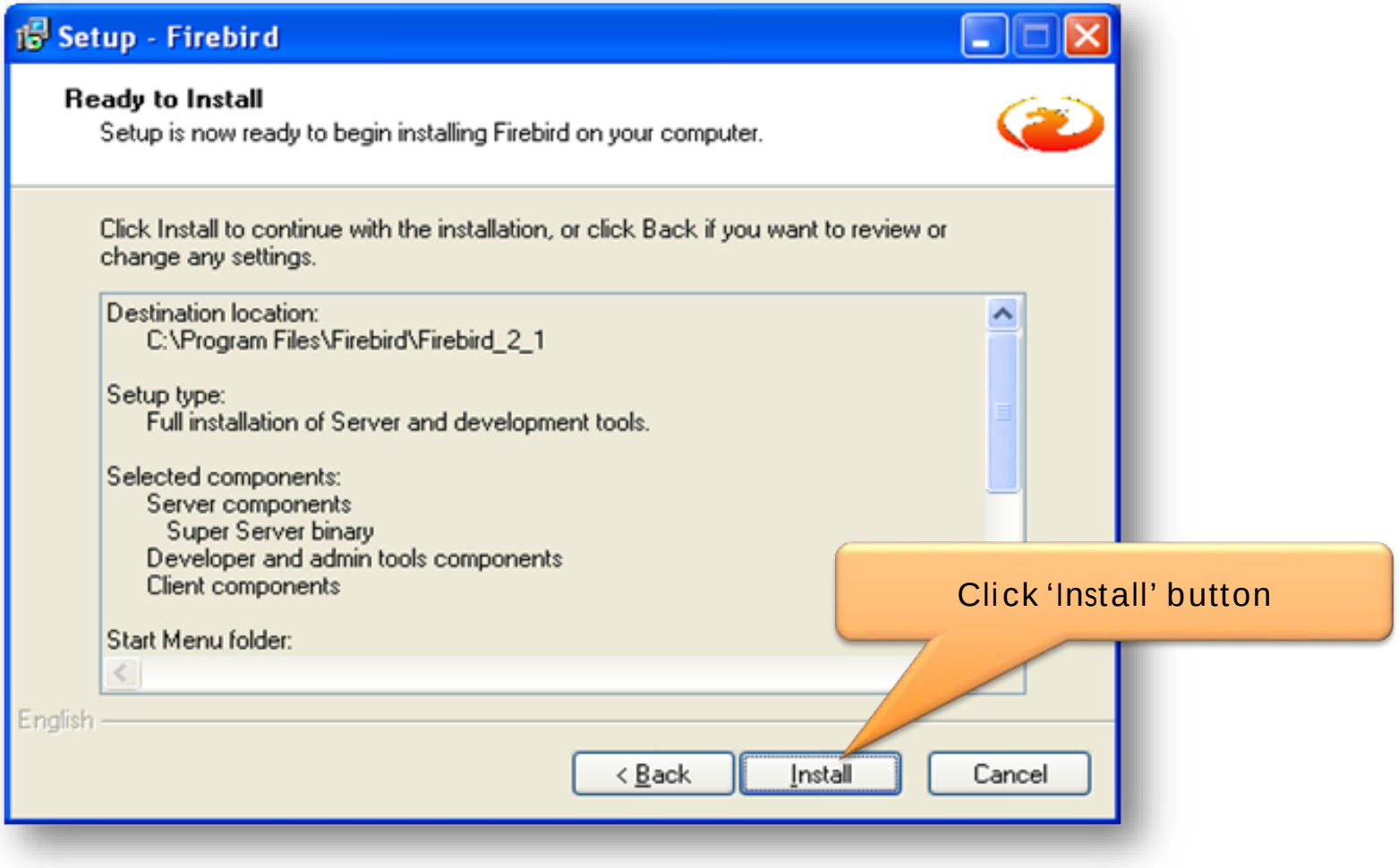

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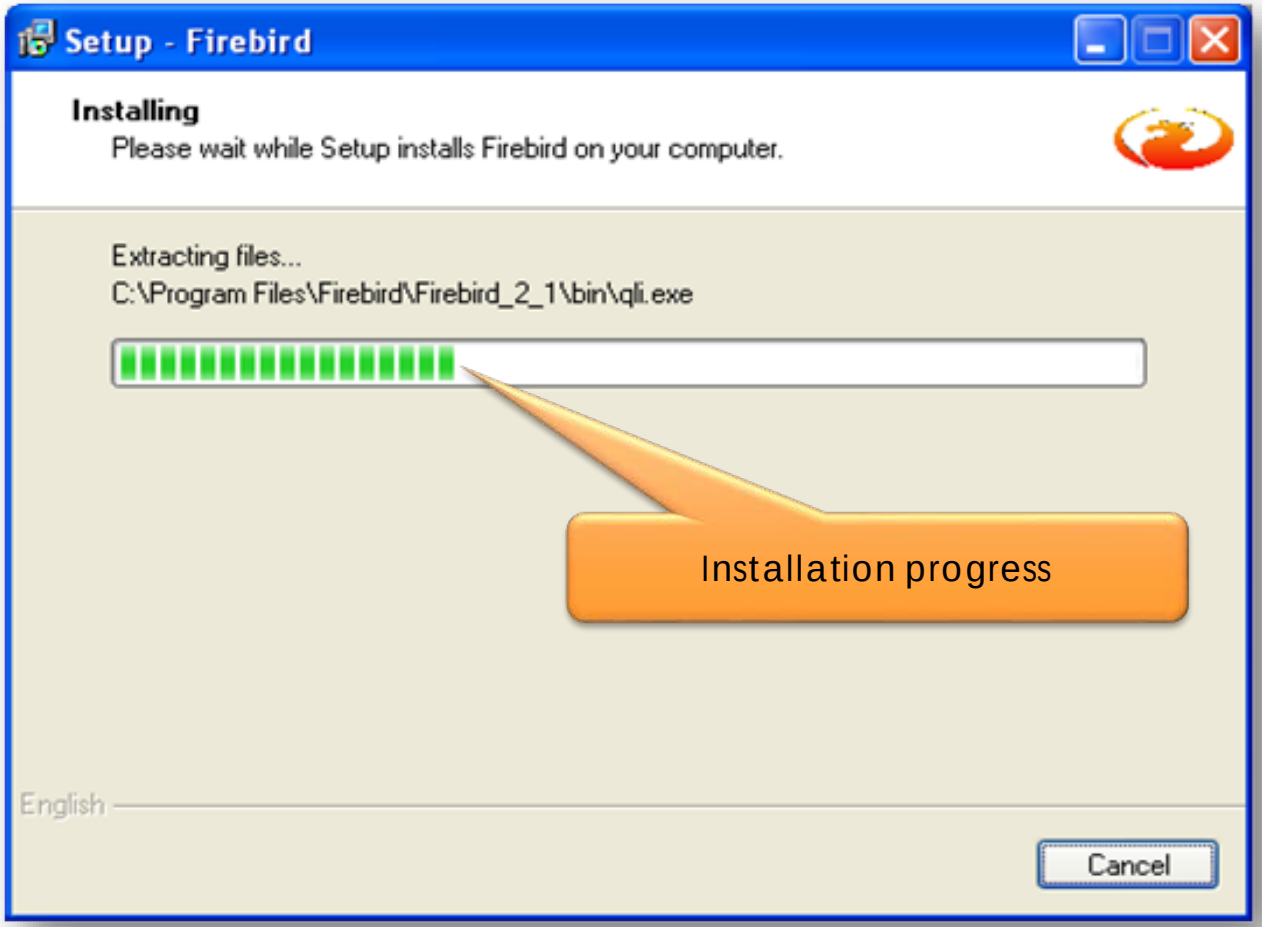

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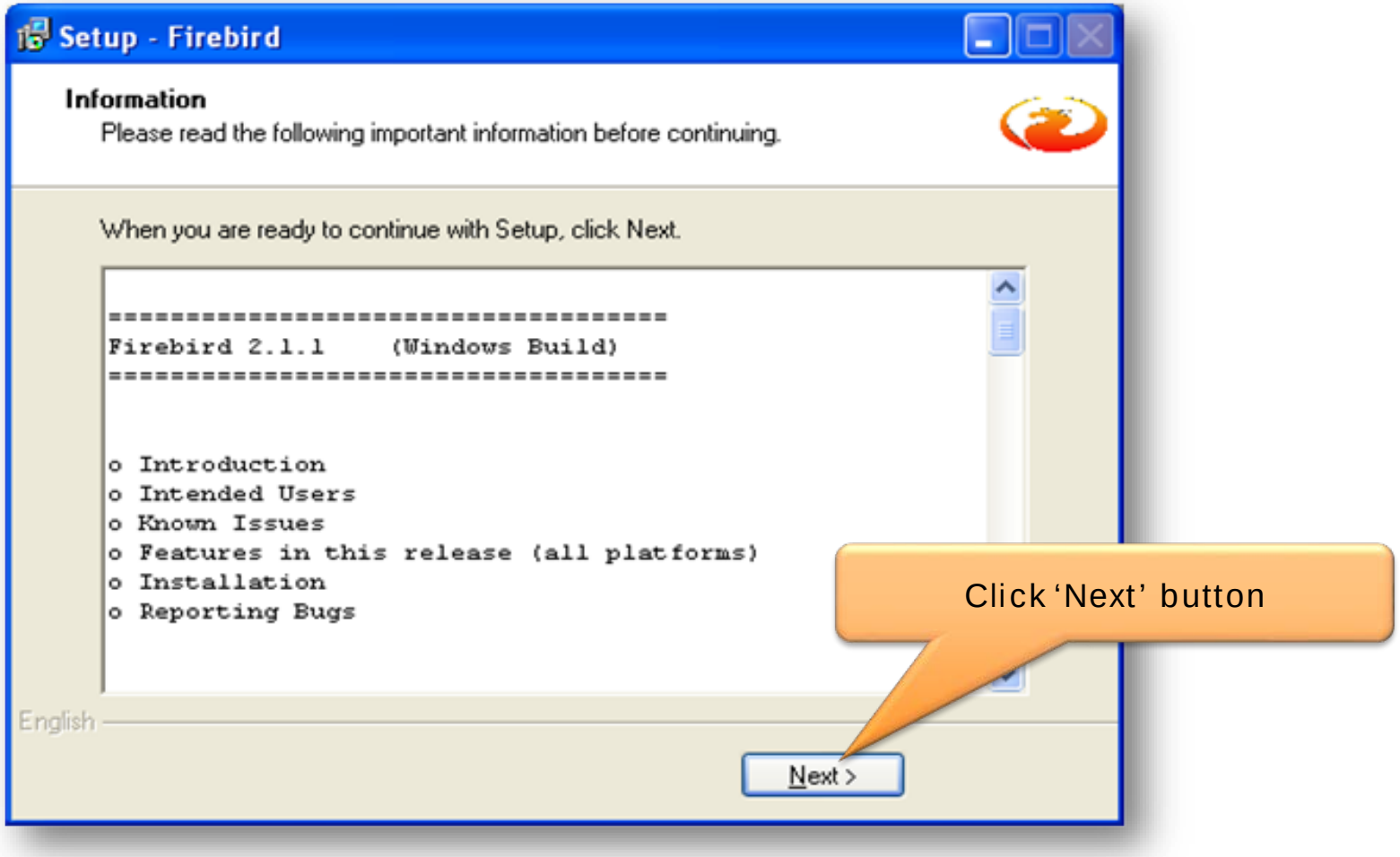

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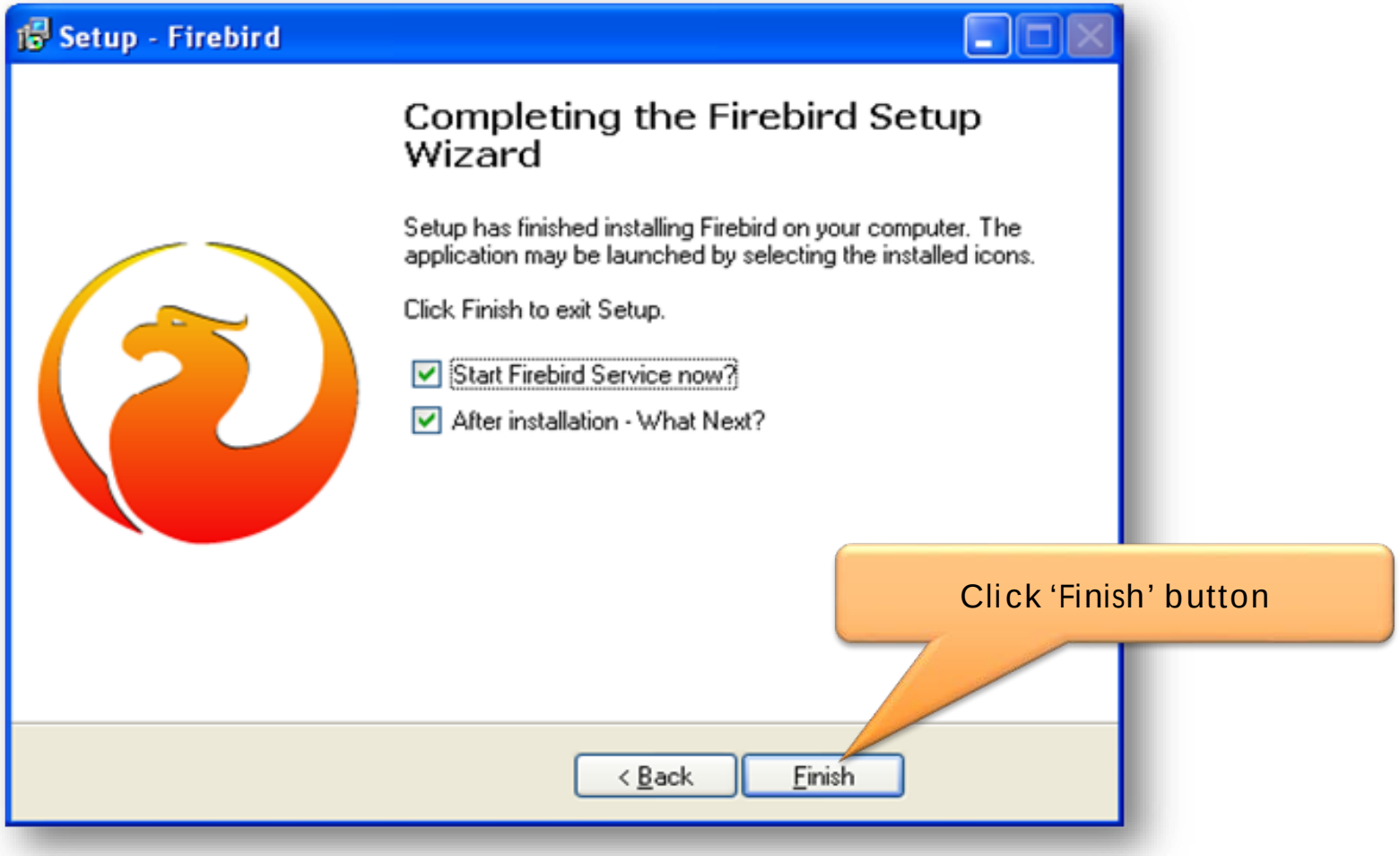

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Platform1 Server Setup

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

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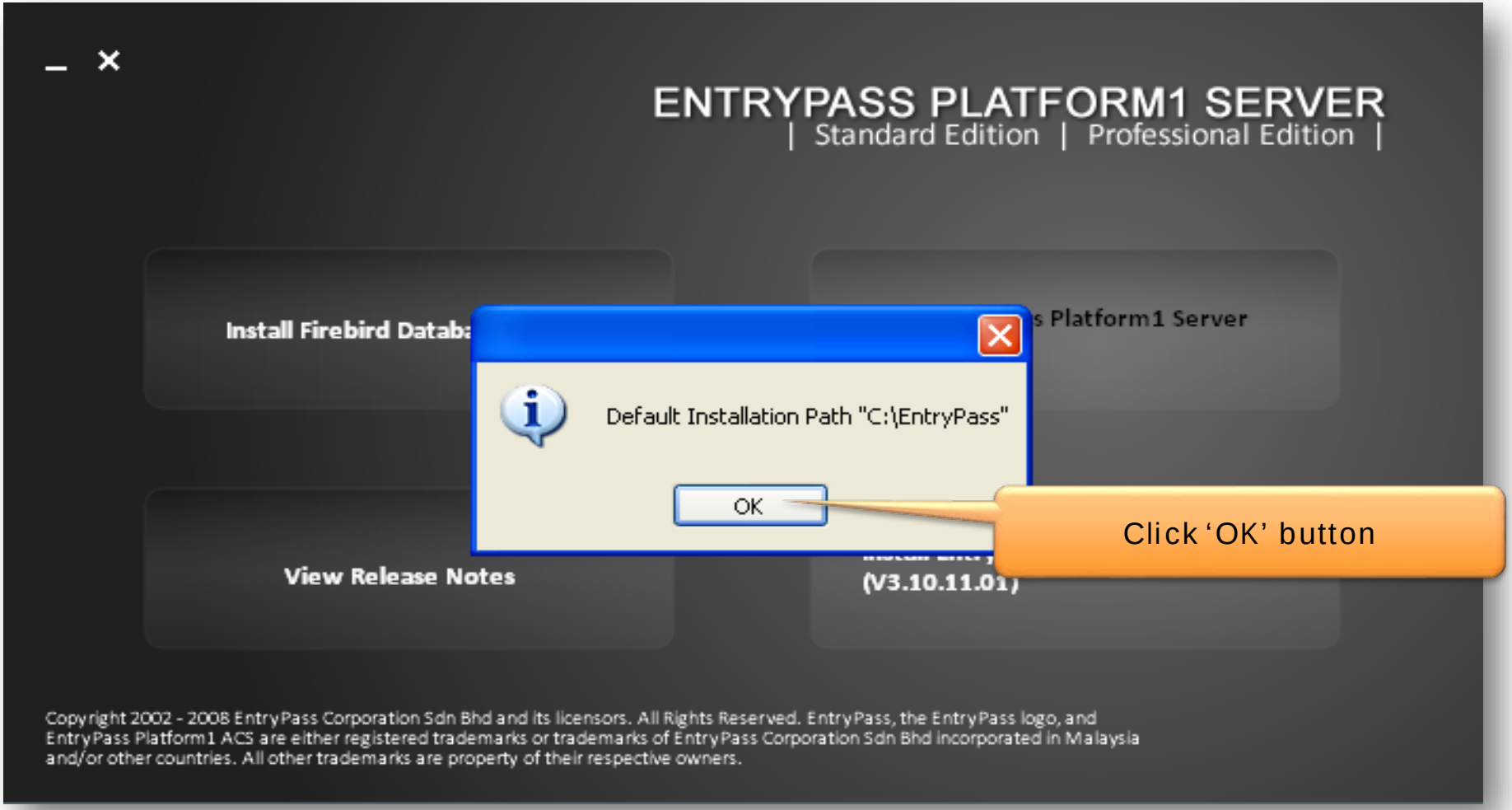

Notes: This message is to remind you that the default installation path of Platform1 Server.

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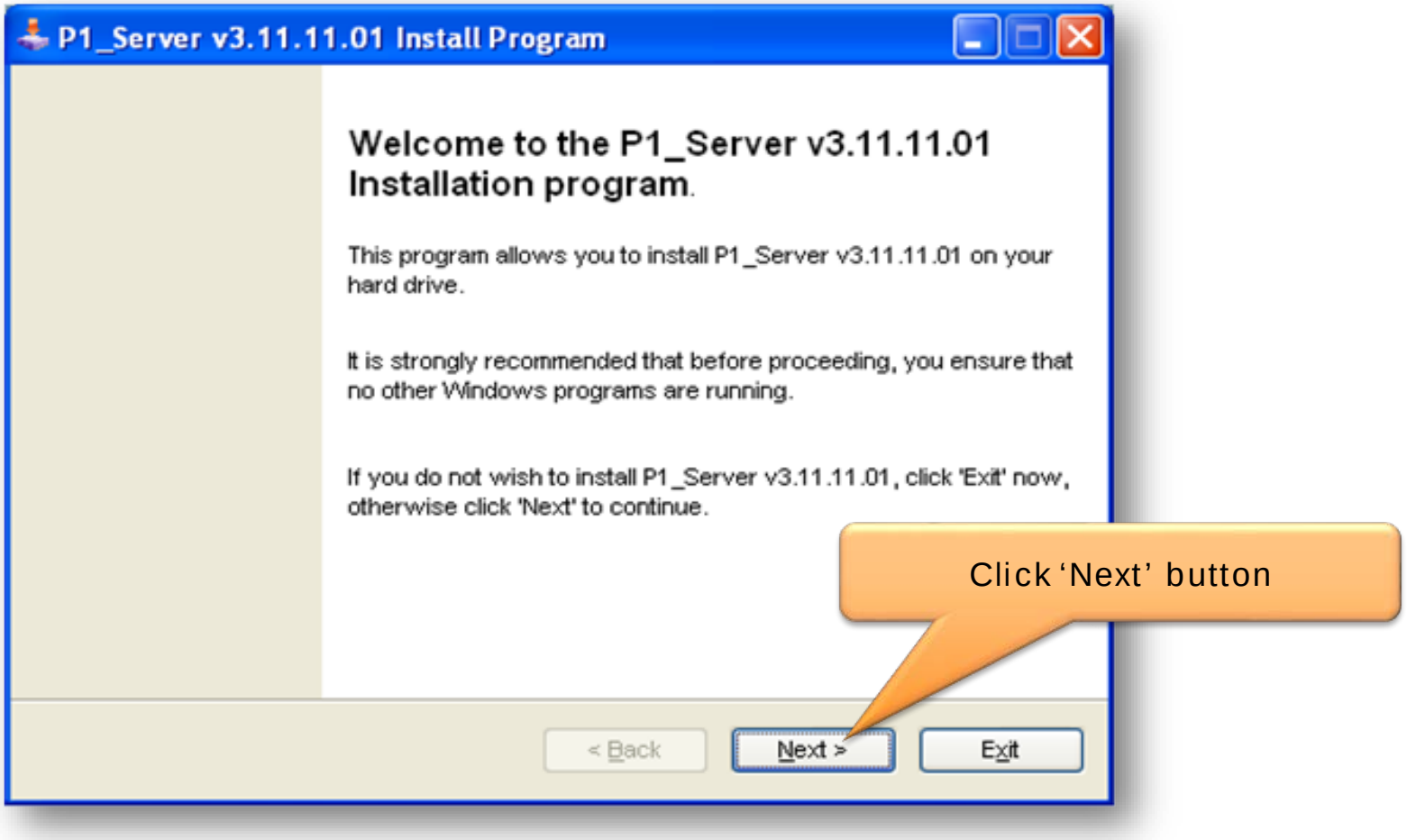

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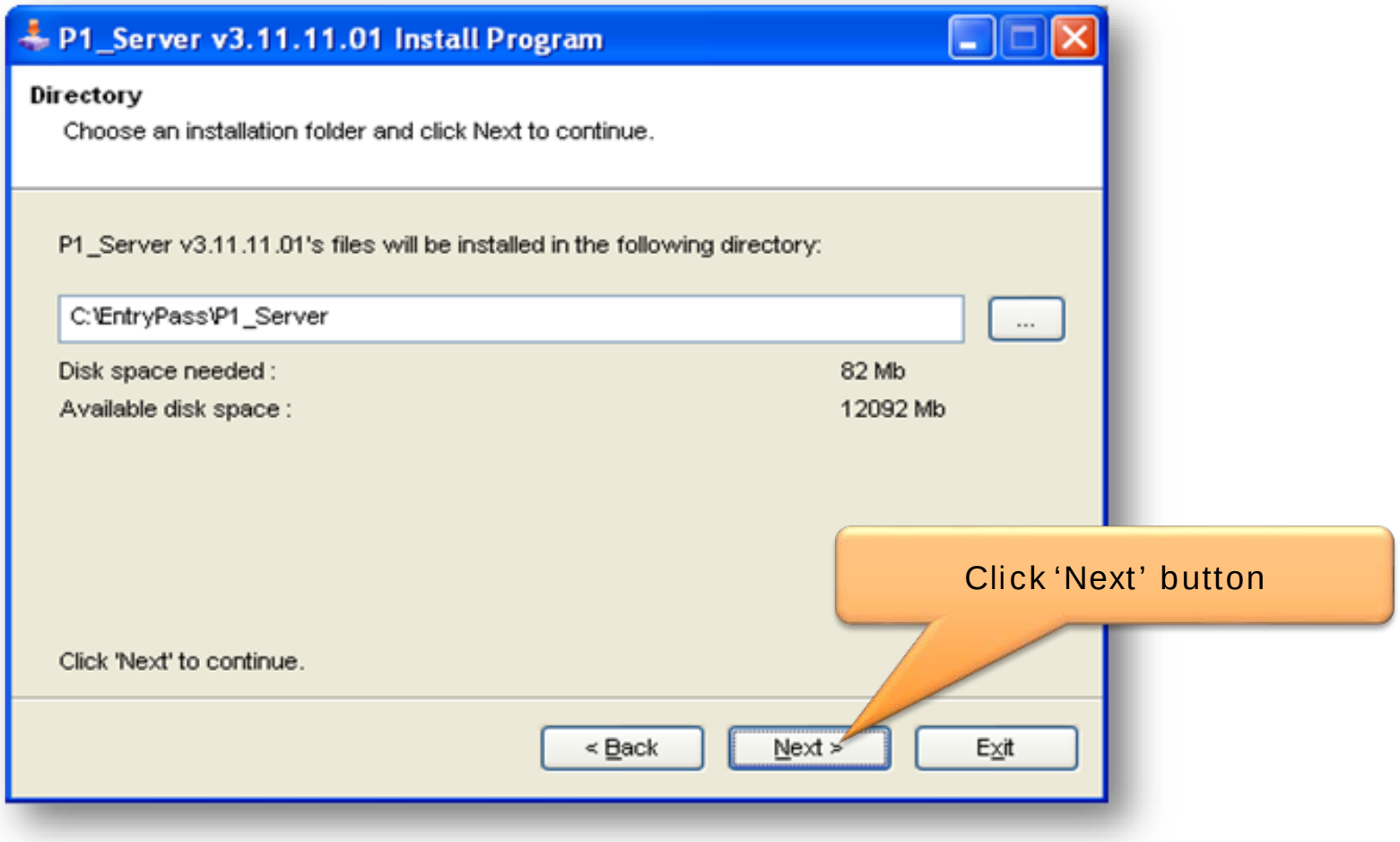

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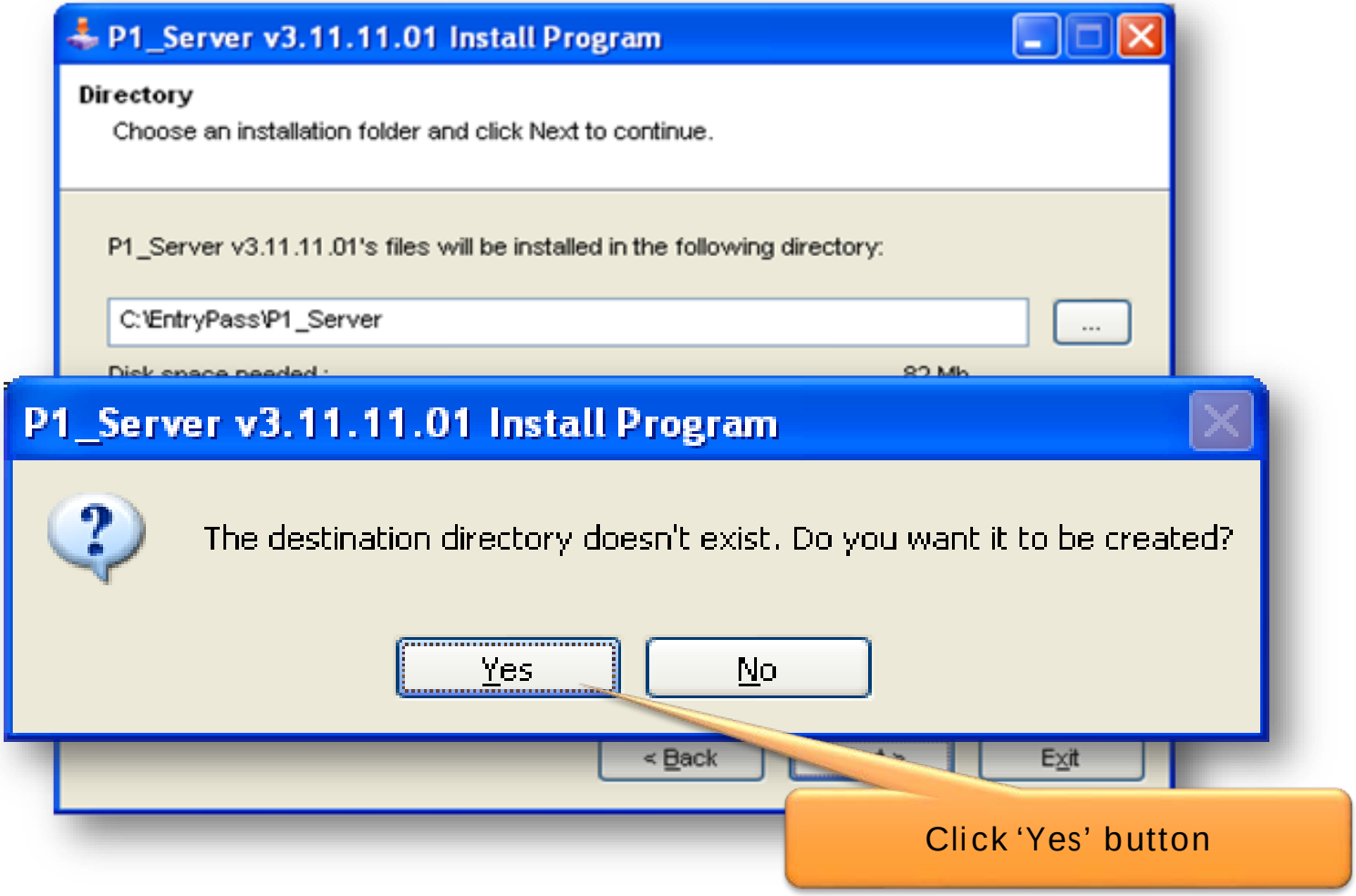

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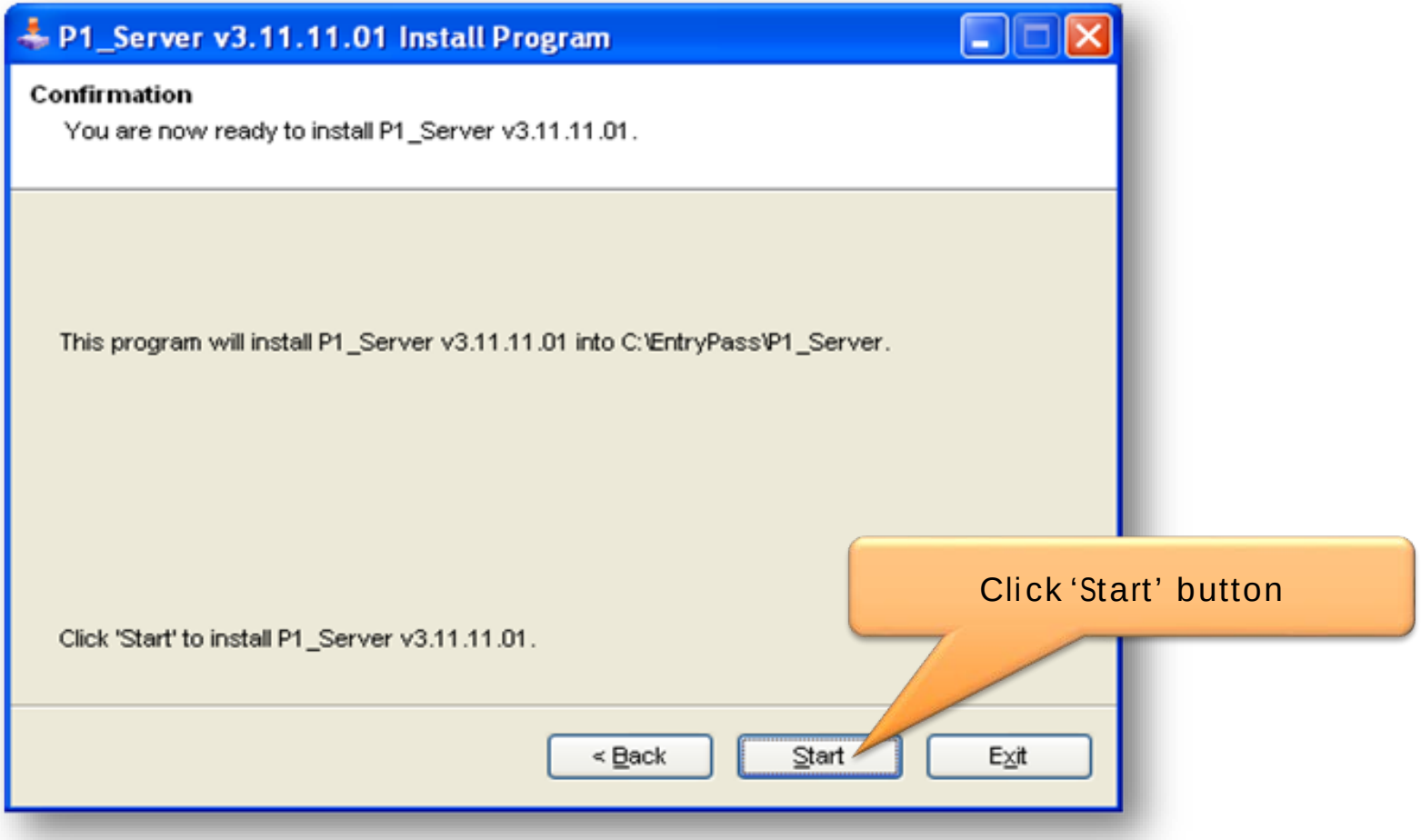

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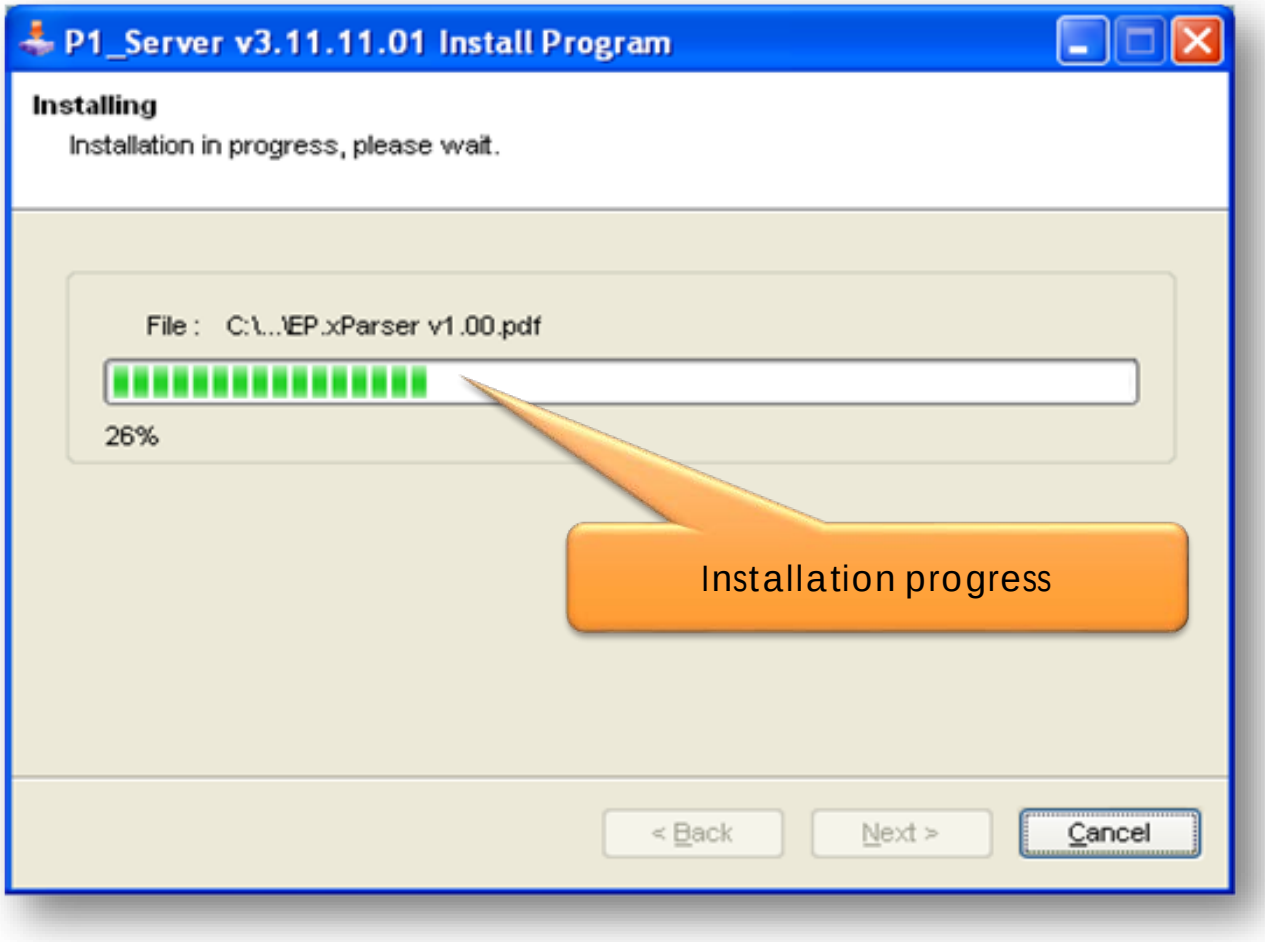

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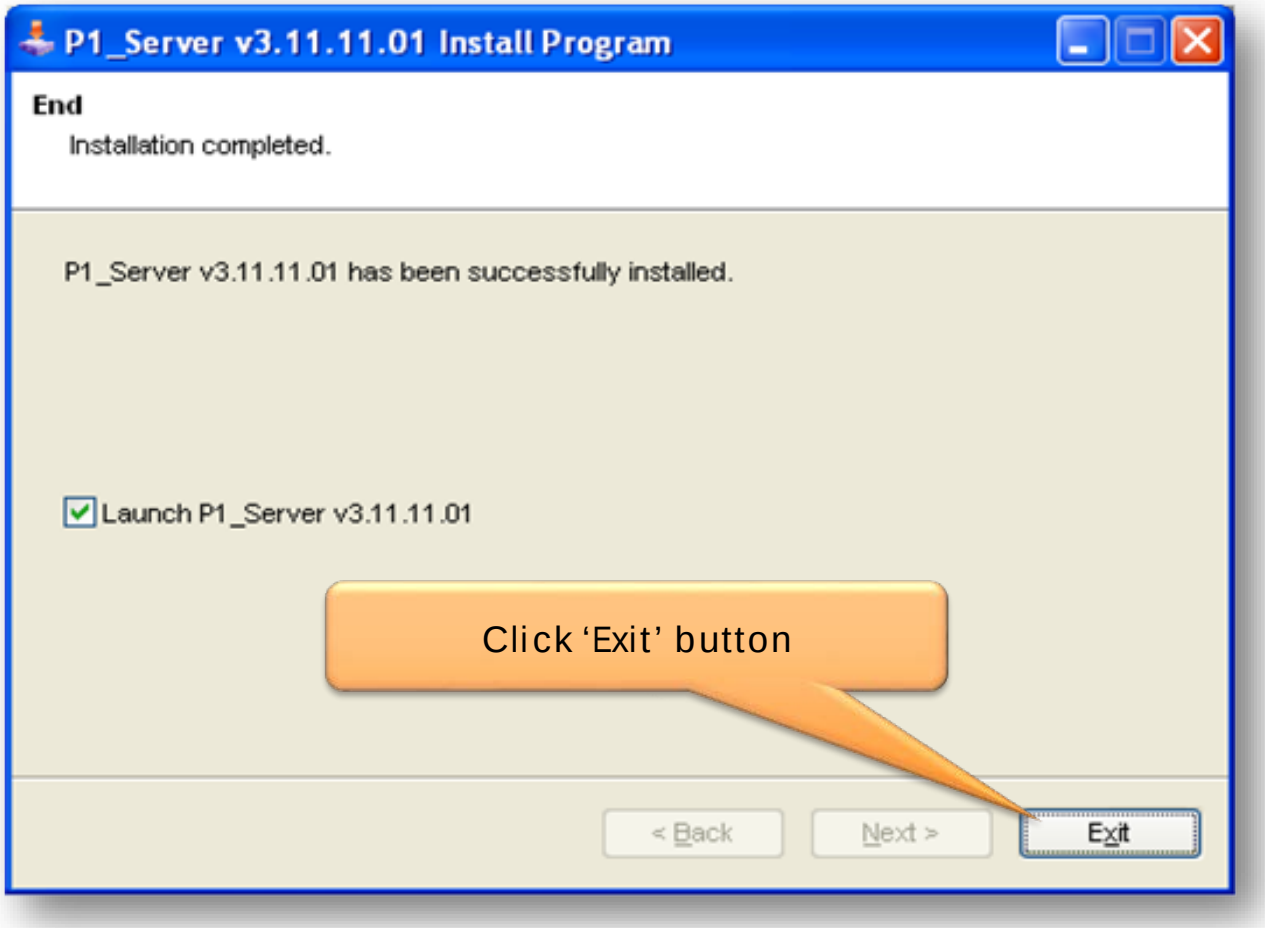

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Active Network Based Hardware Setup Steps

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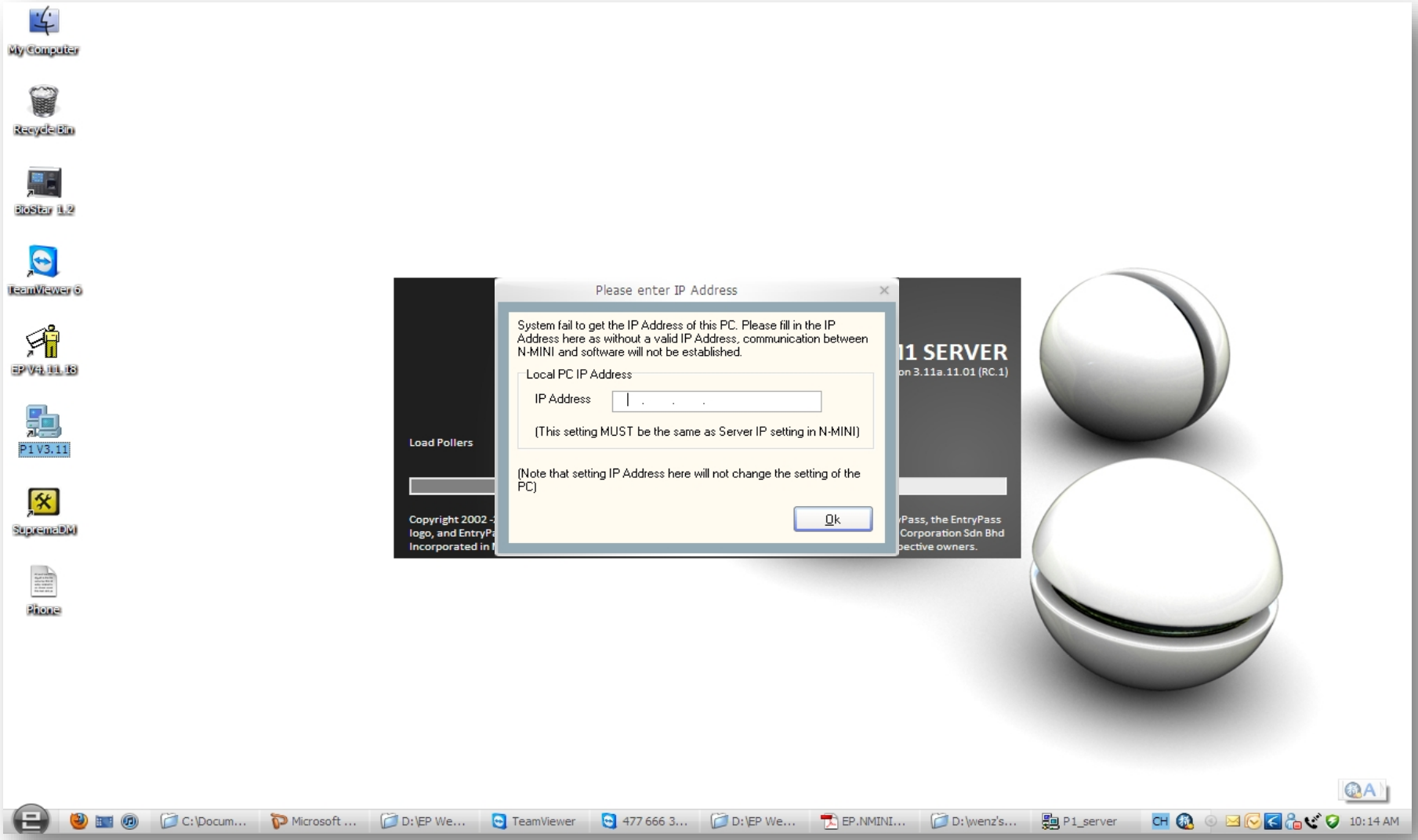

Notes: This pop up Windows will only appear if P1 Server cannot detect the host machine IP address. Please key-in 'Server IP Address' respectively.

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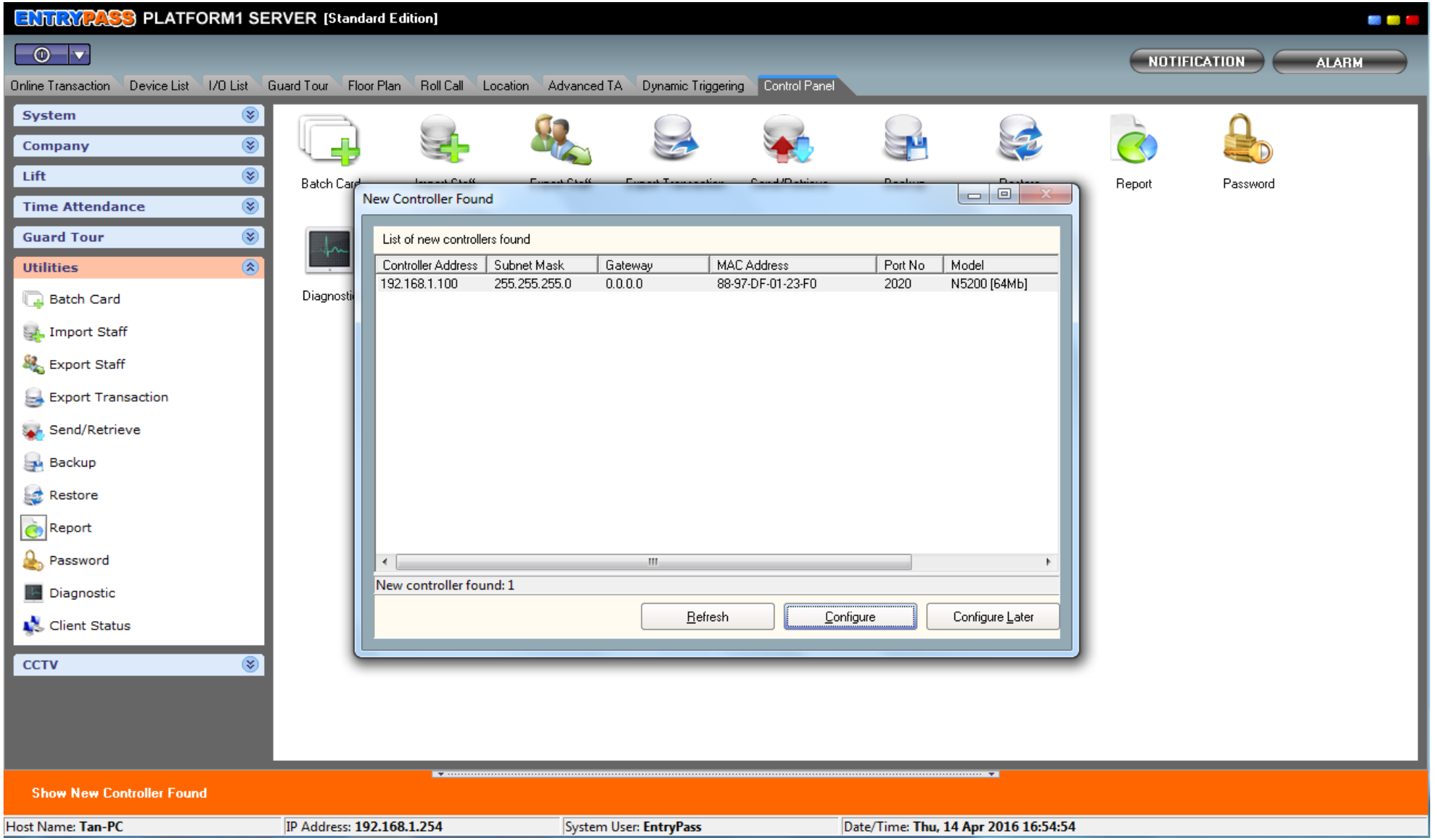

Notes: If the controller network parameter configured correctly, the 'New Controller Found' wizard will auto pop up on the screen.

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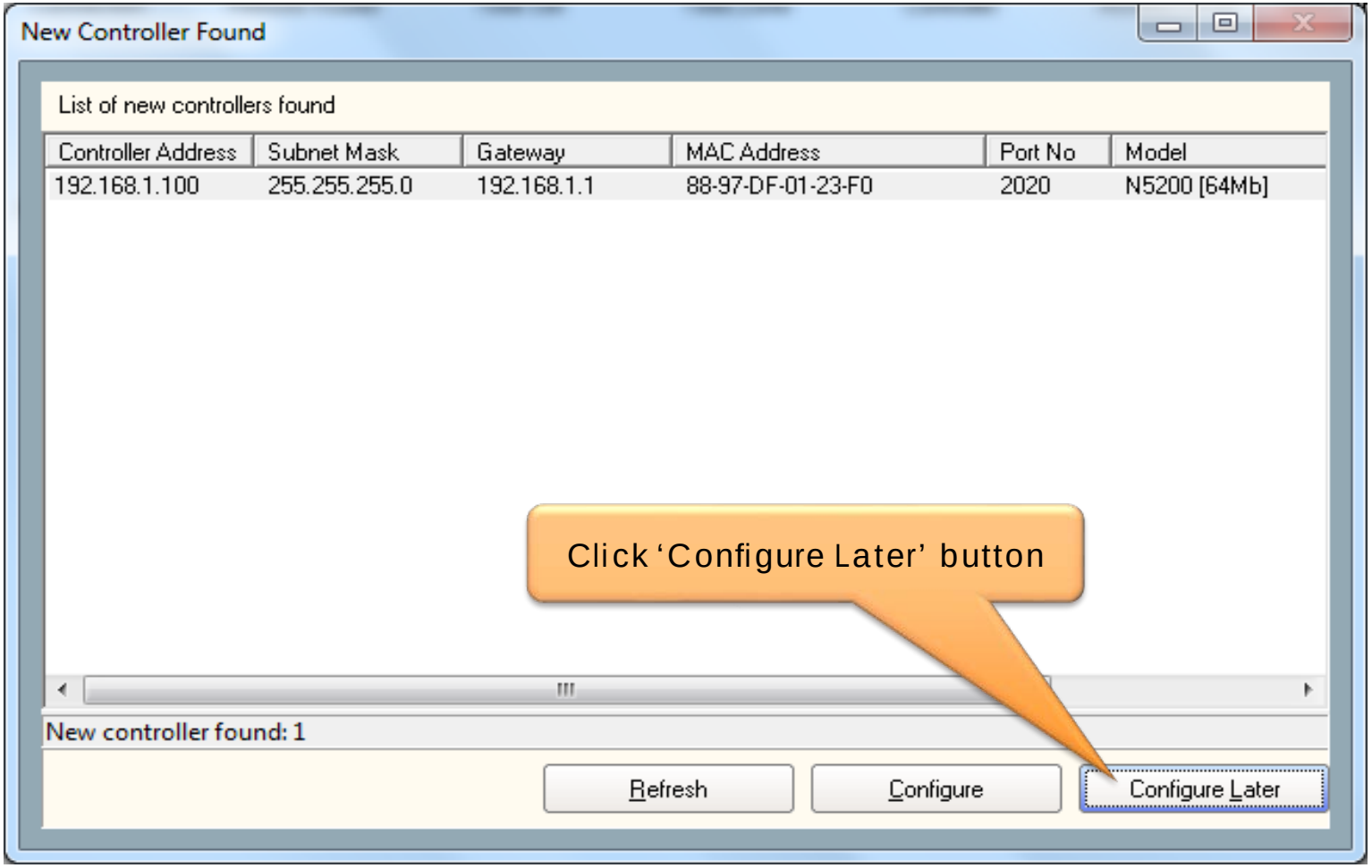

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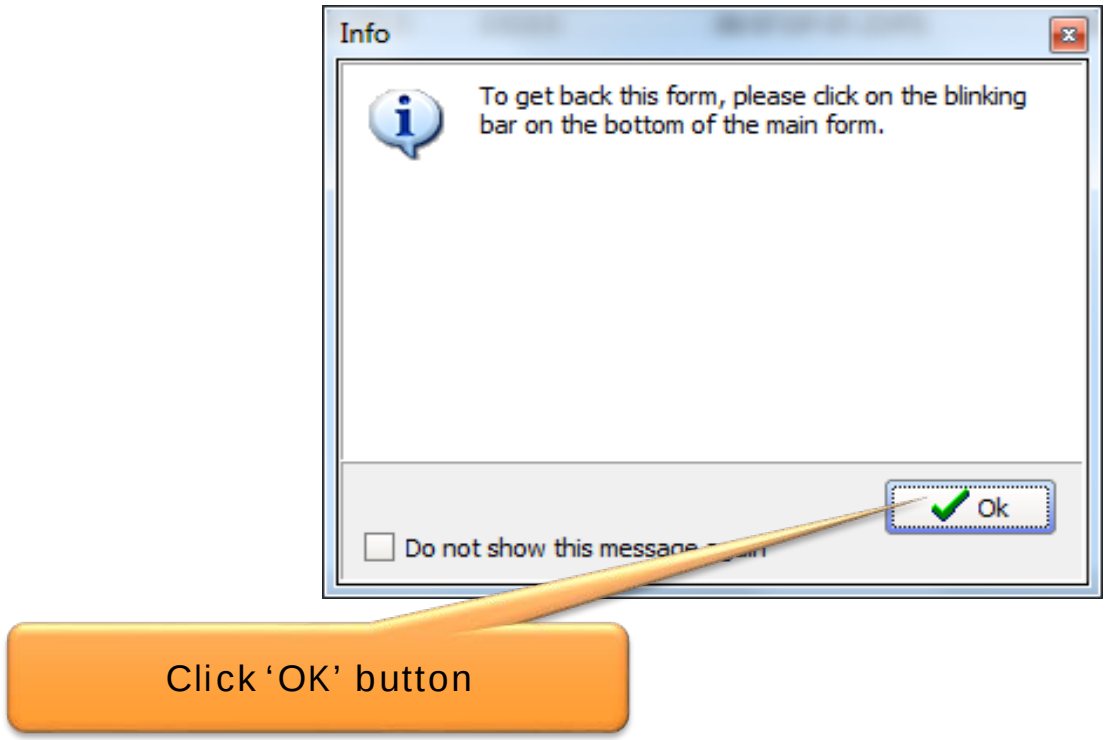

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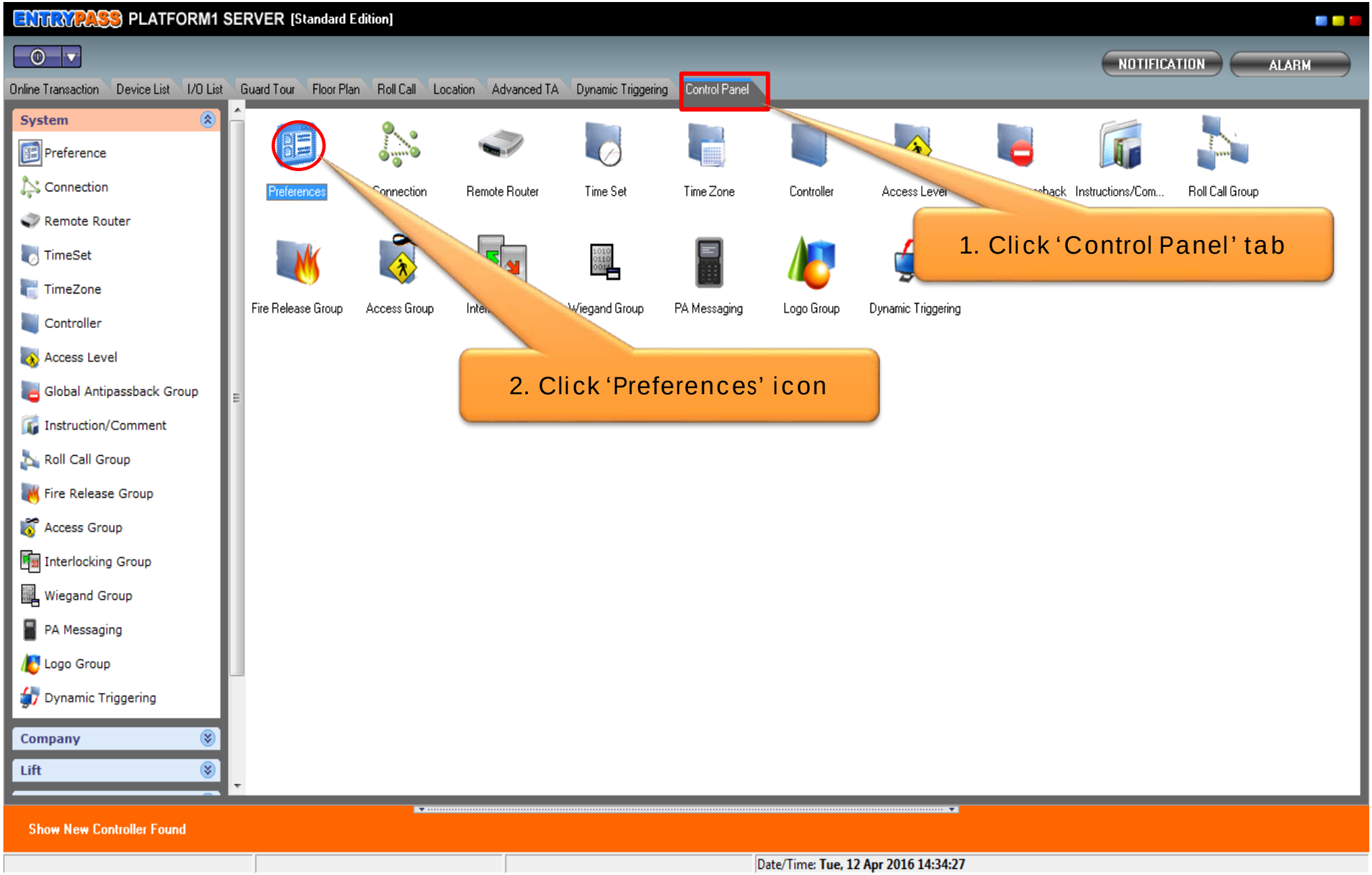

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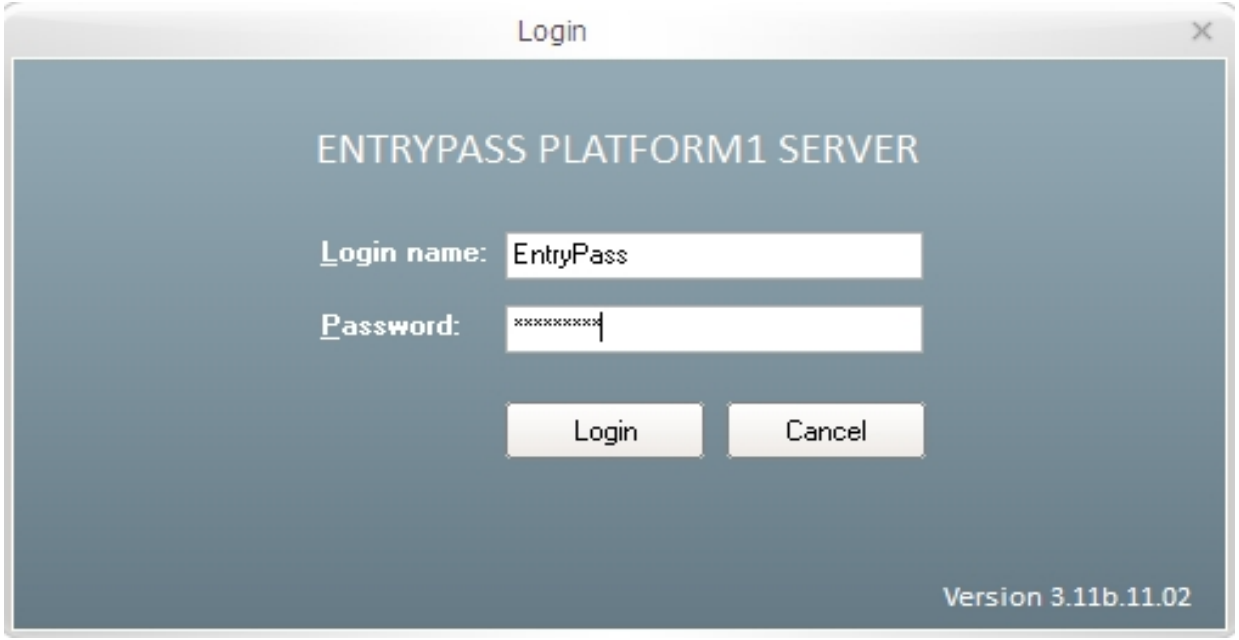

Default:

Login name : EntryPass

Password : EntryPass

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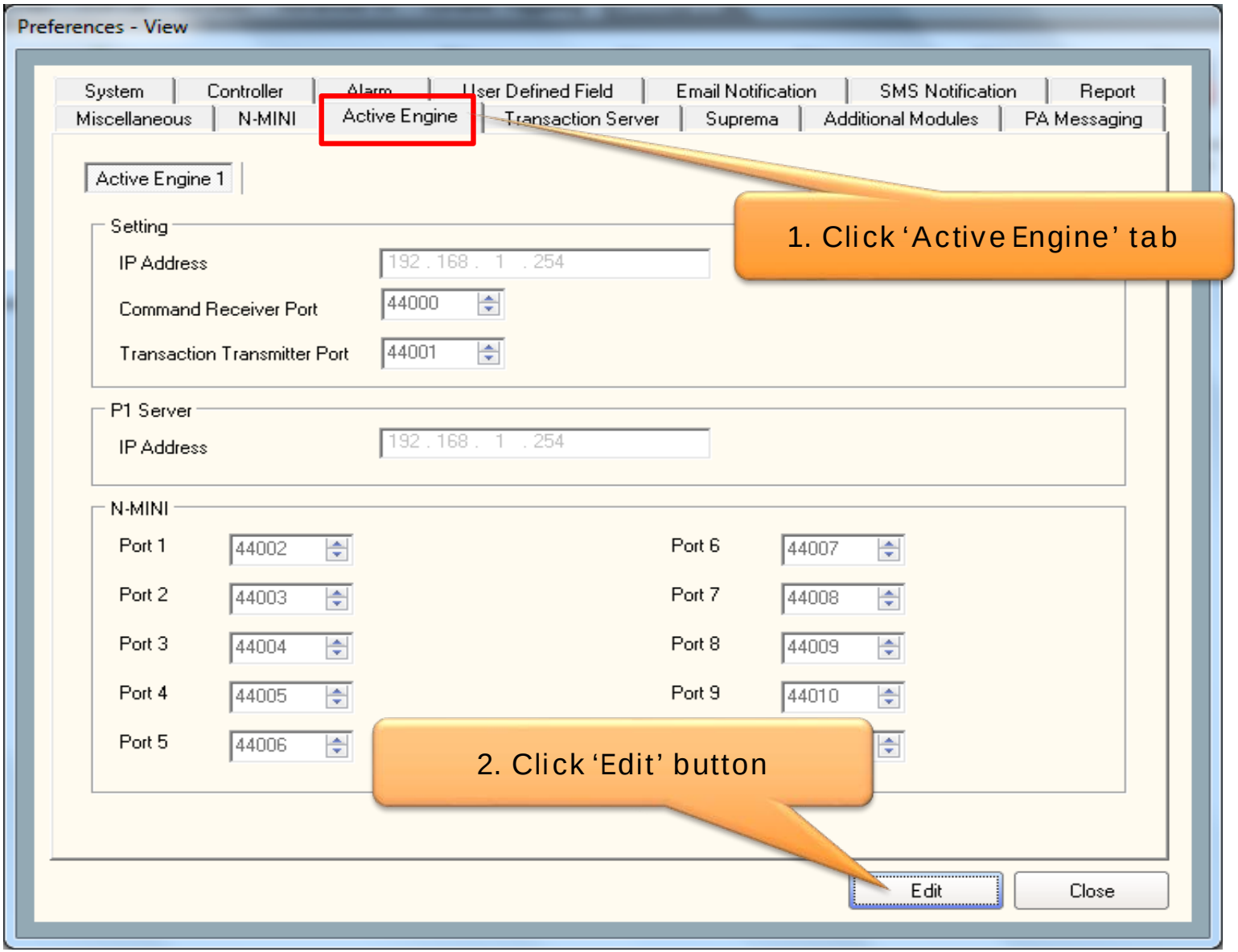

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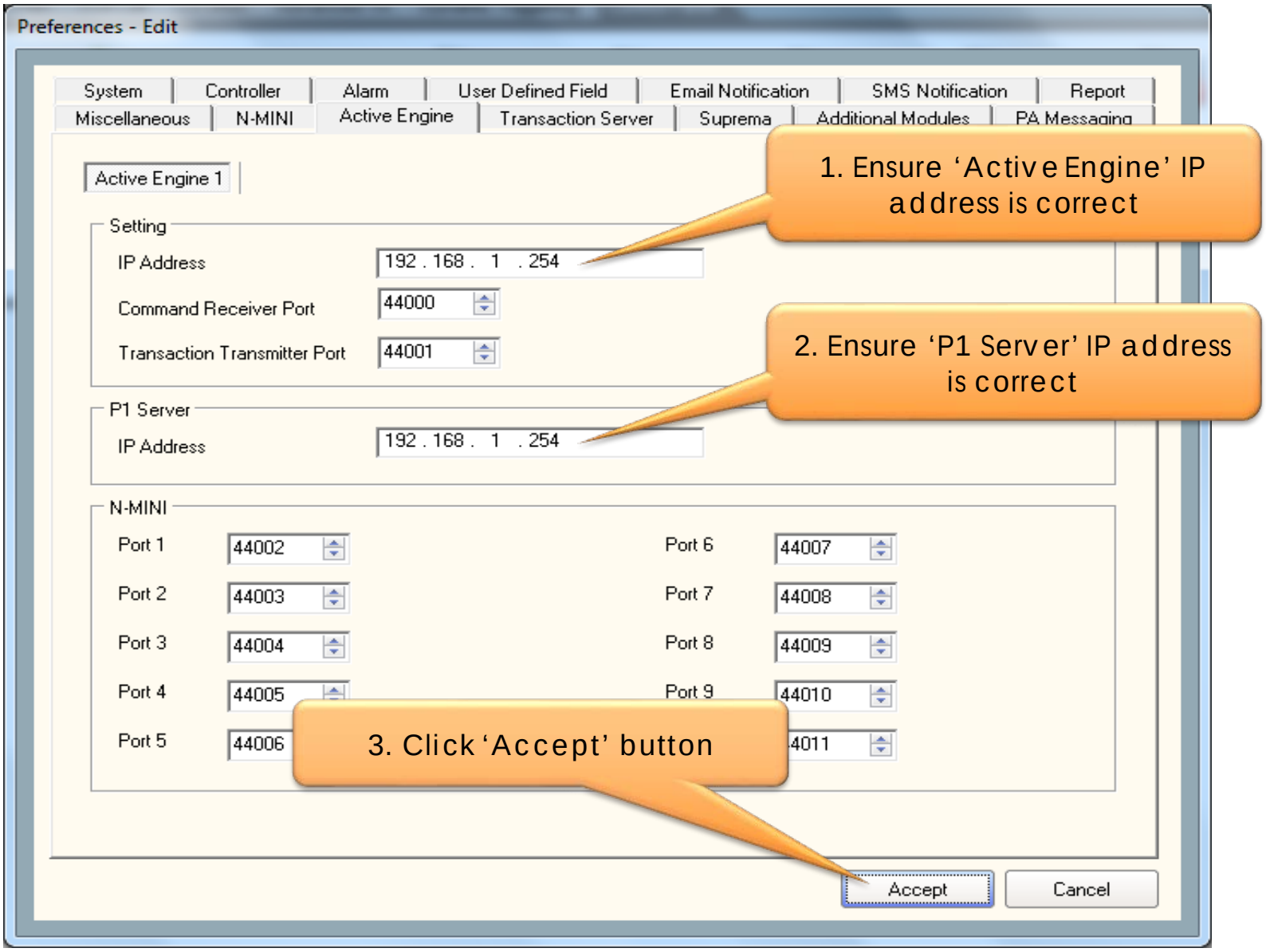

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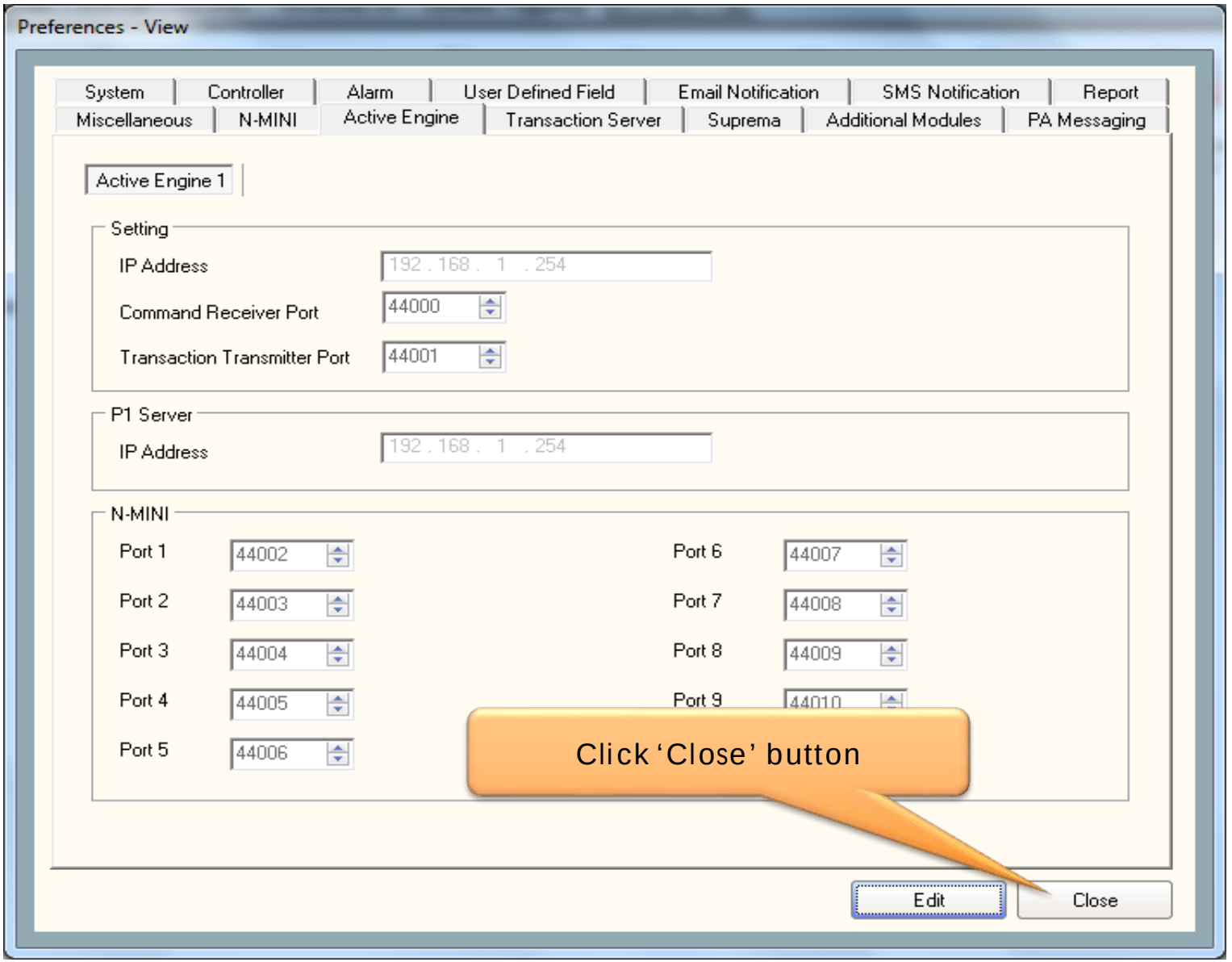

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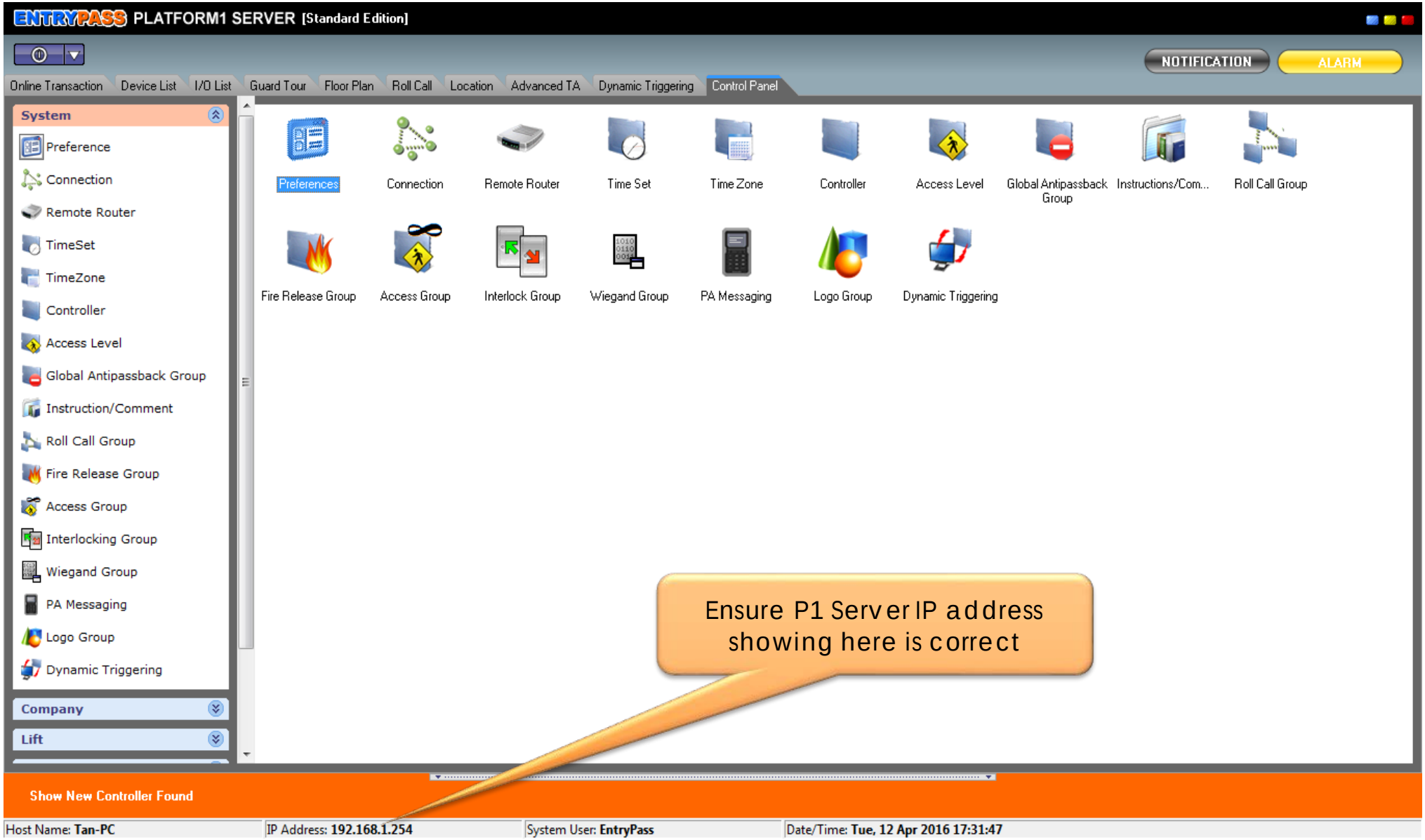

Notes: If you get the different IP Address showing on P1 Server status bar, please disable the wireless connection(if any), and then restart P1 Server.

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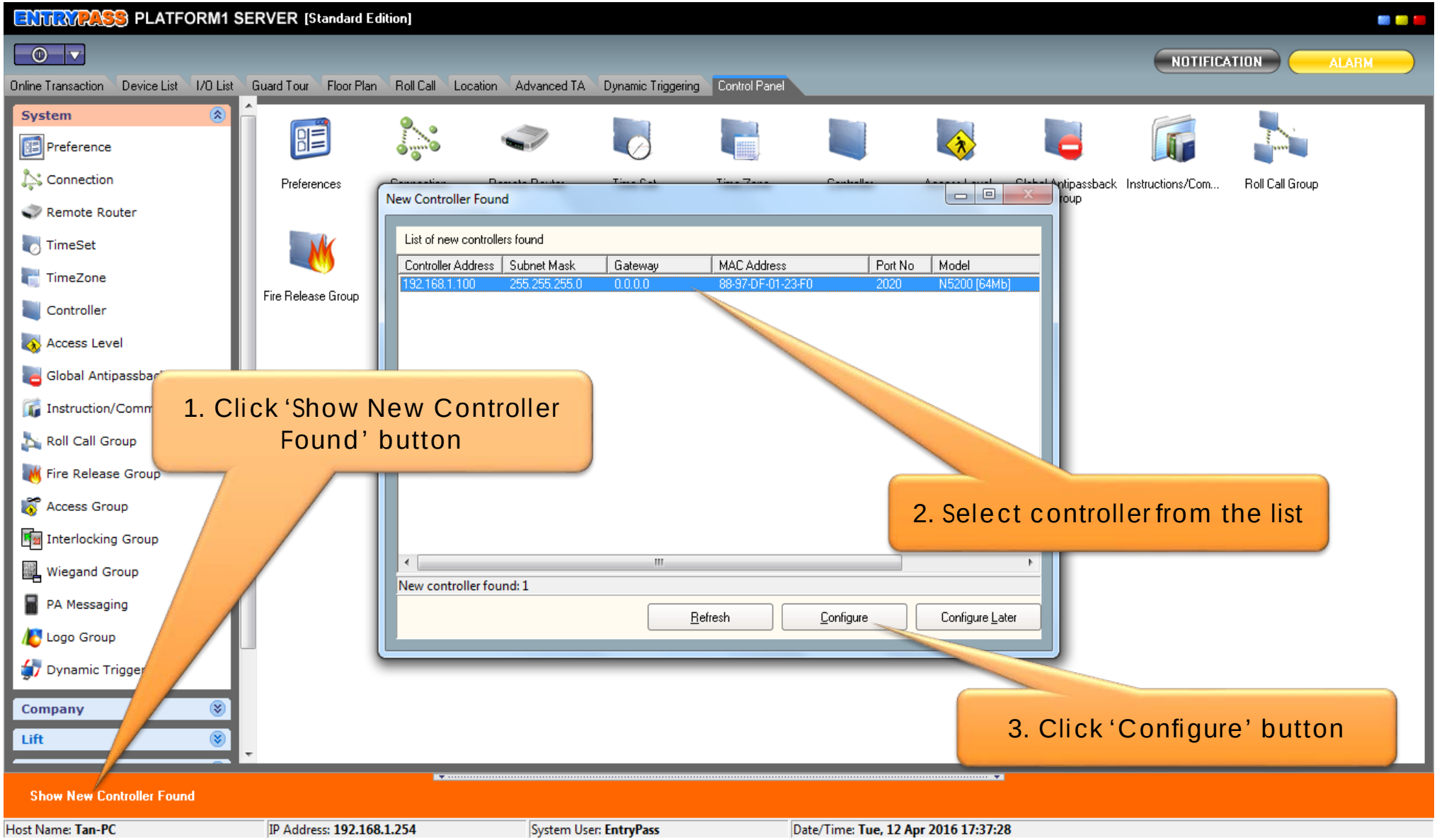

Notes: If there are more than one **Hardware** in the network, those **Hardware** will showing on the windows. Please choose one **Hardware** at a time to configure. Kindly refer Appendix C if no available **Hardware** display on 'New Controller Found' Windows.

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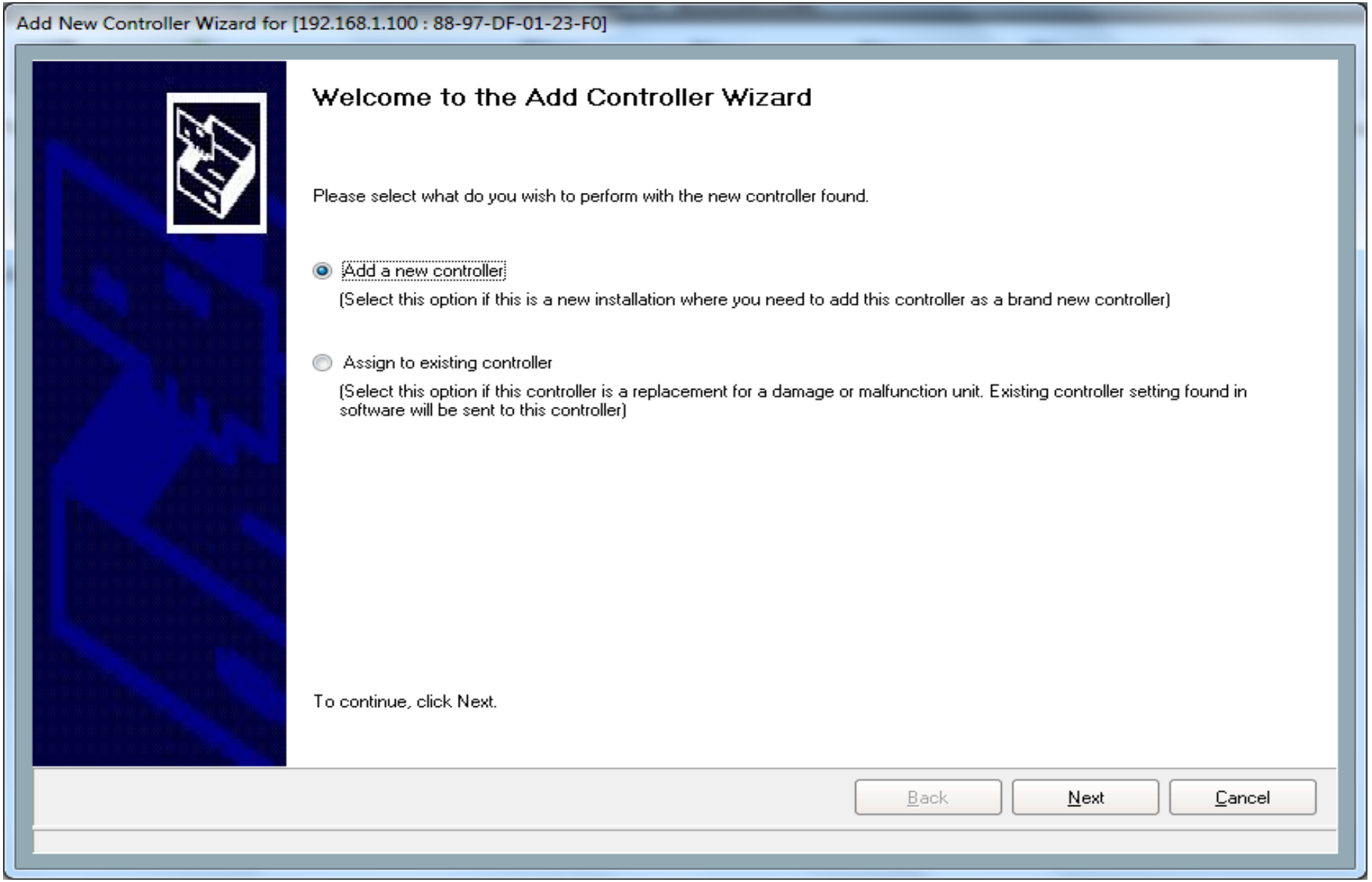

Notes: For new installation, please select 'Add new controller' option. For replacement installation, please select 'Assign to existing controller' option.

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Adding New Hardware

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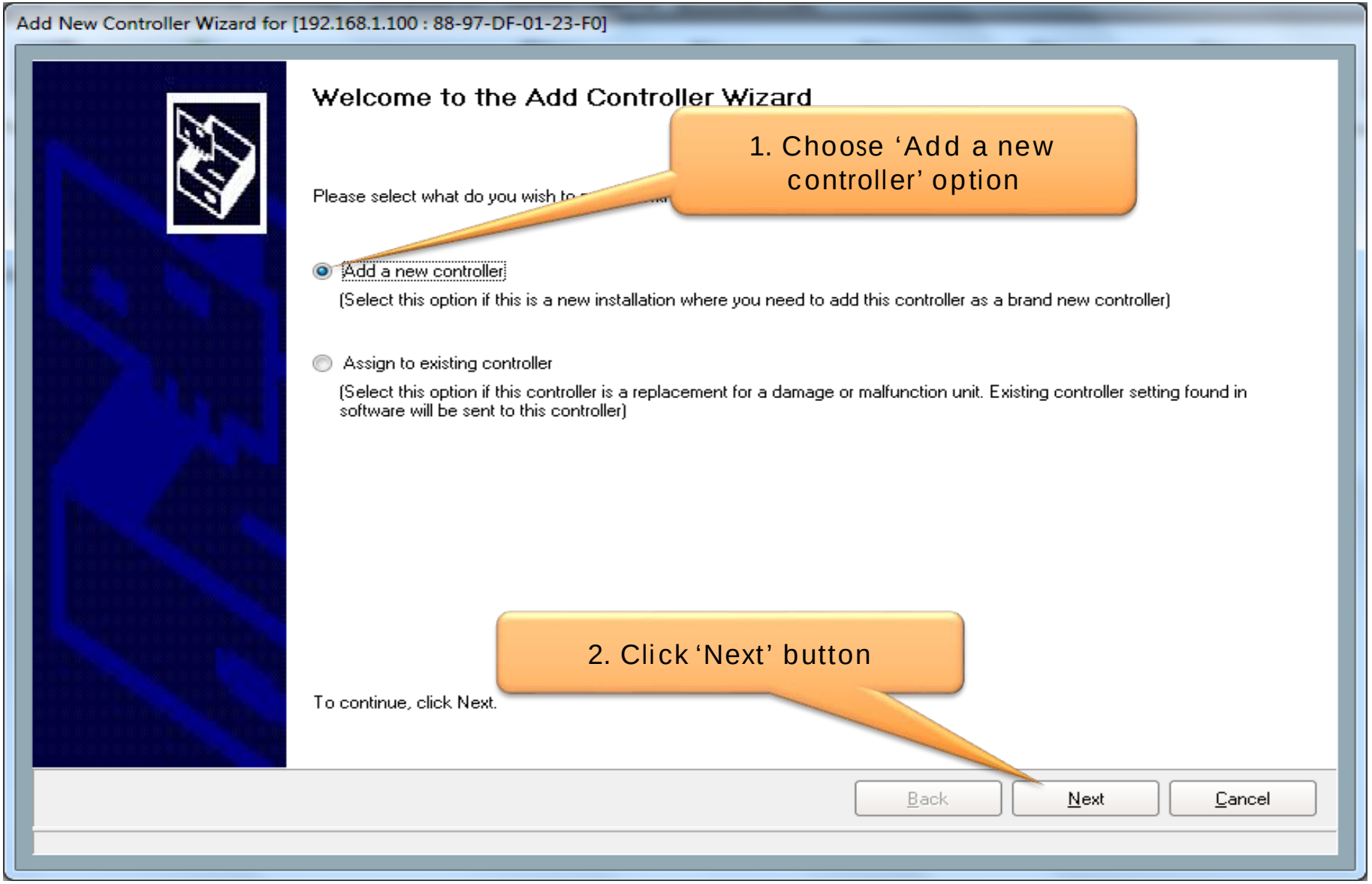

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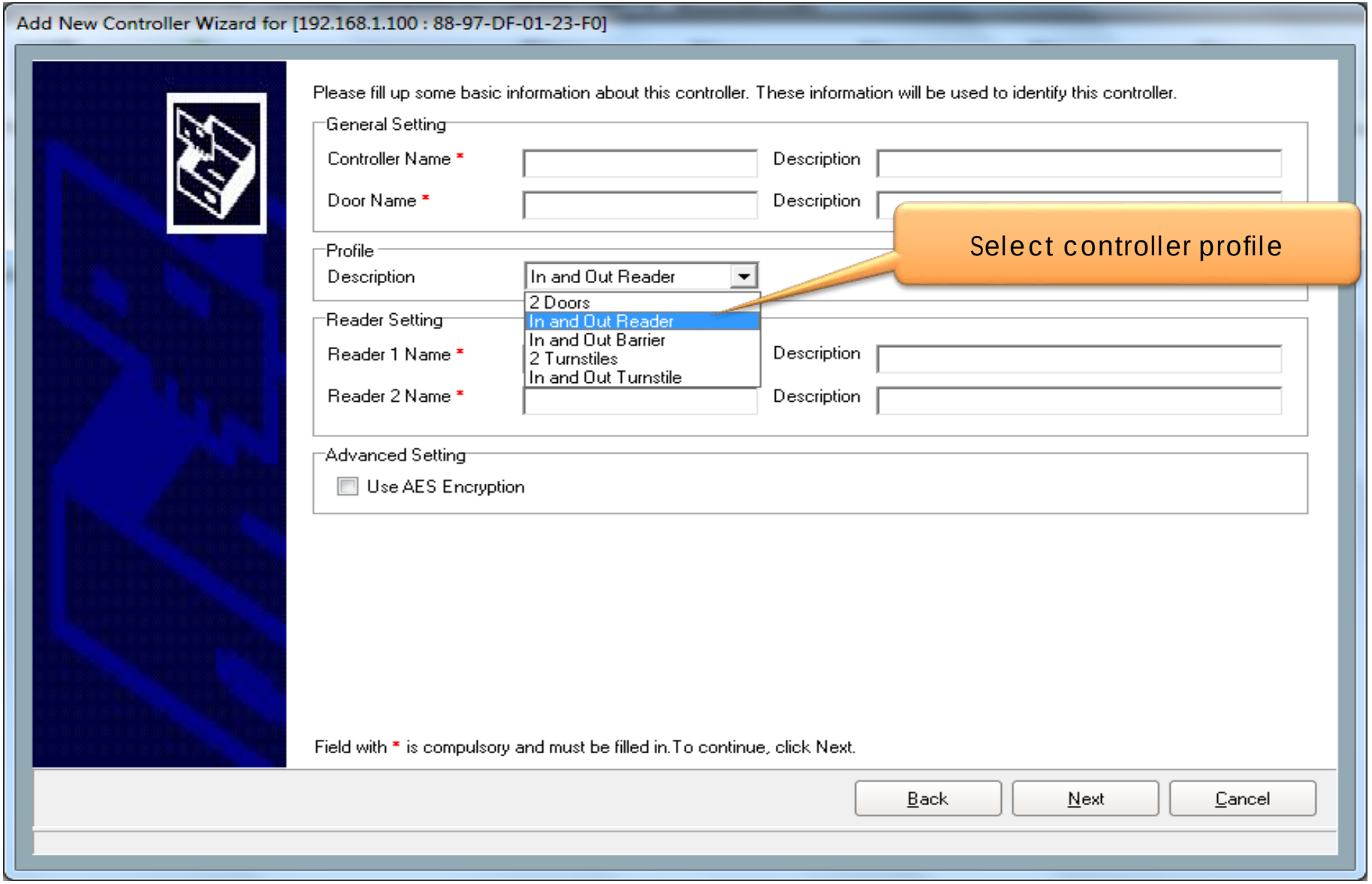

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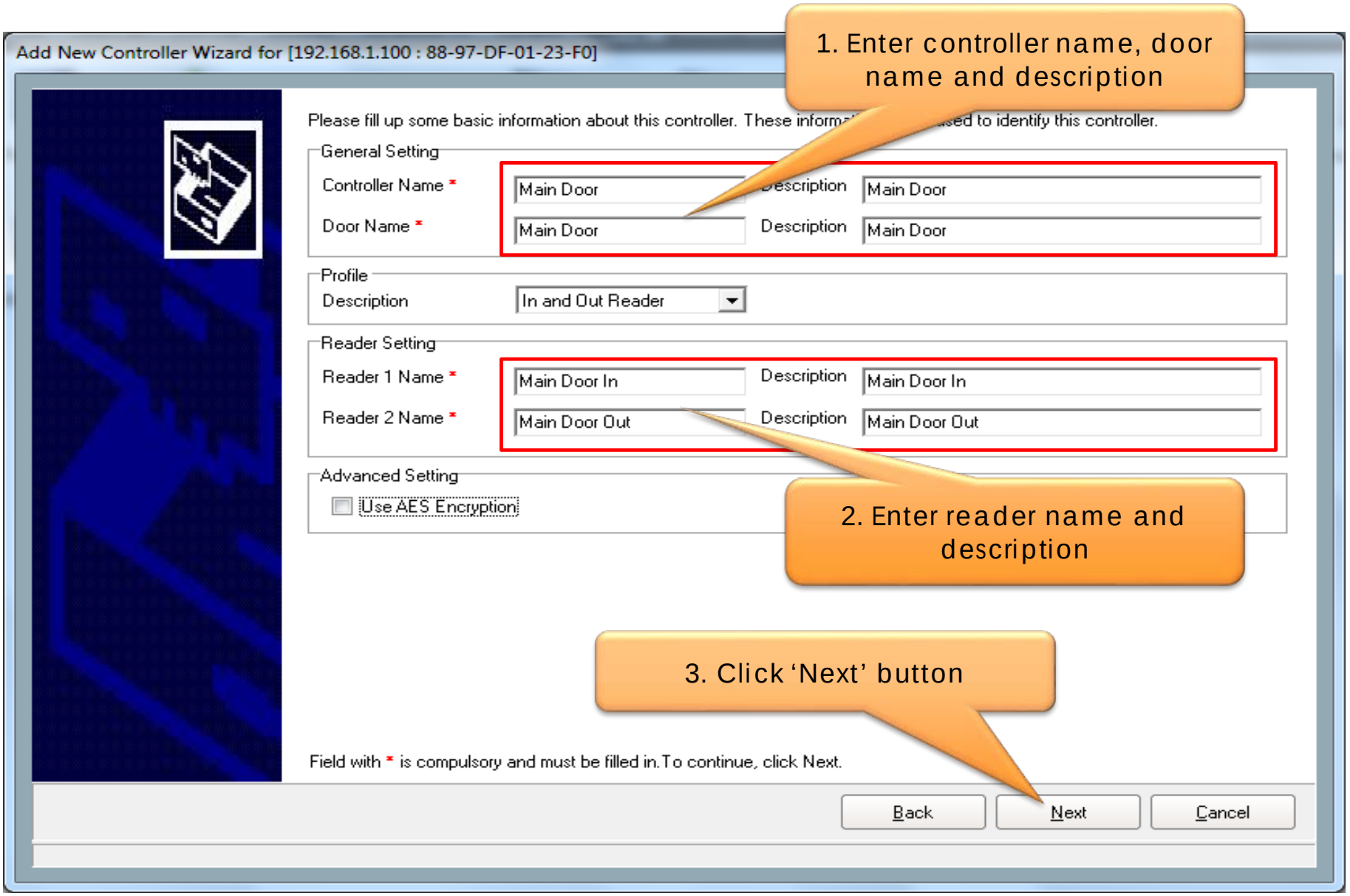

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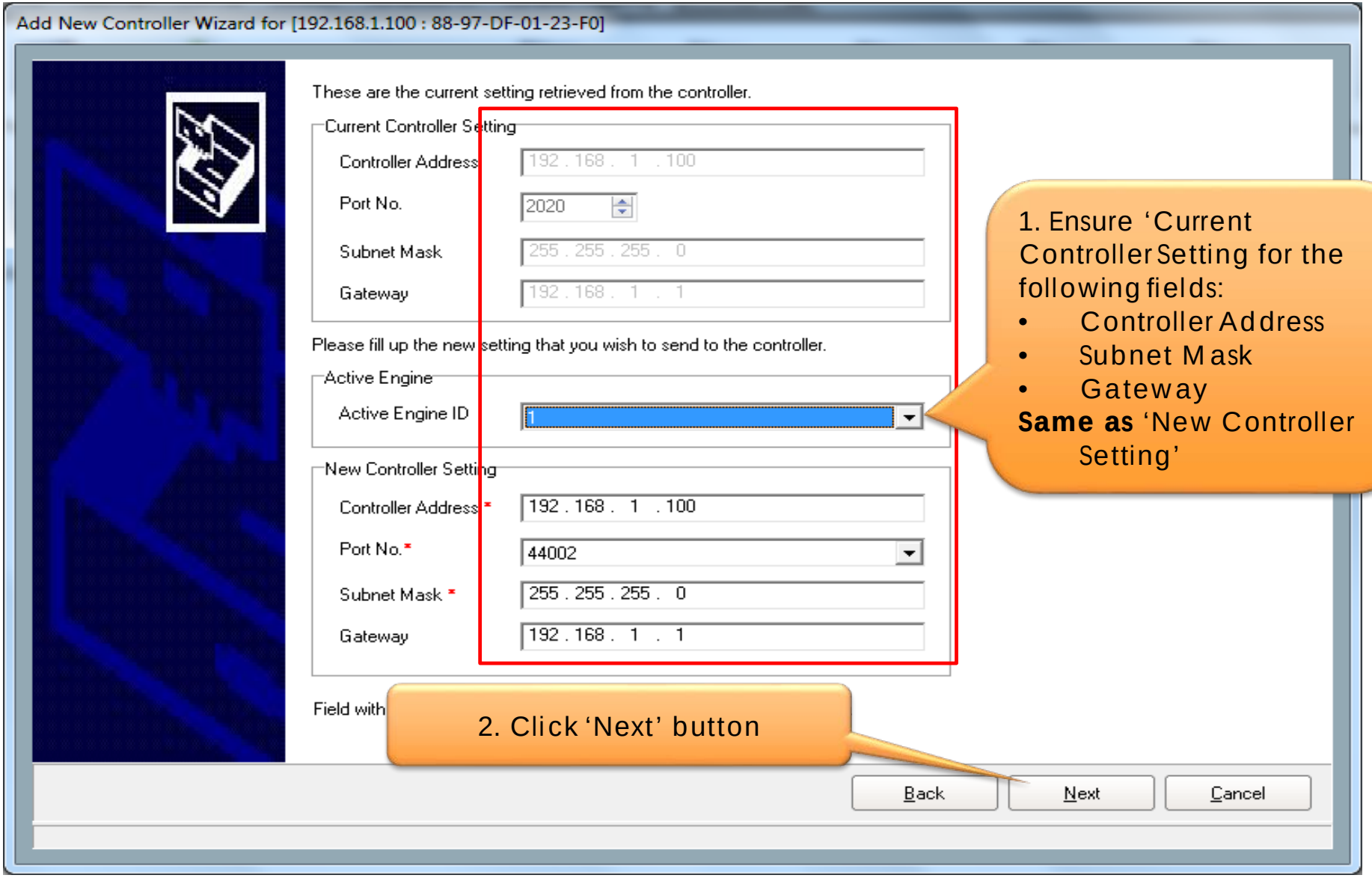

Notes: Please ensure that the **Gateway** setting for both 'Current Controller Setting' and 'New Controller Setting' are **same**. Please do not change the 'Port No'.

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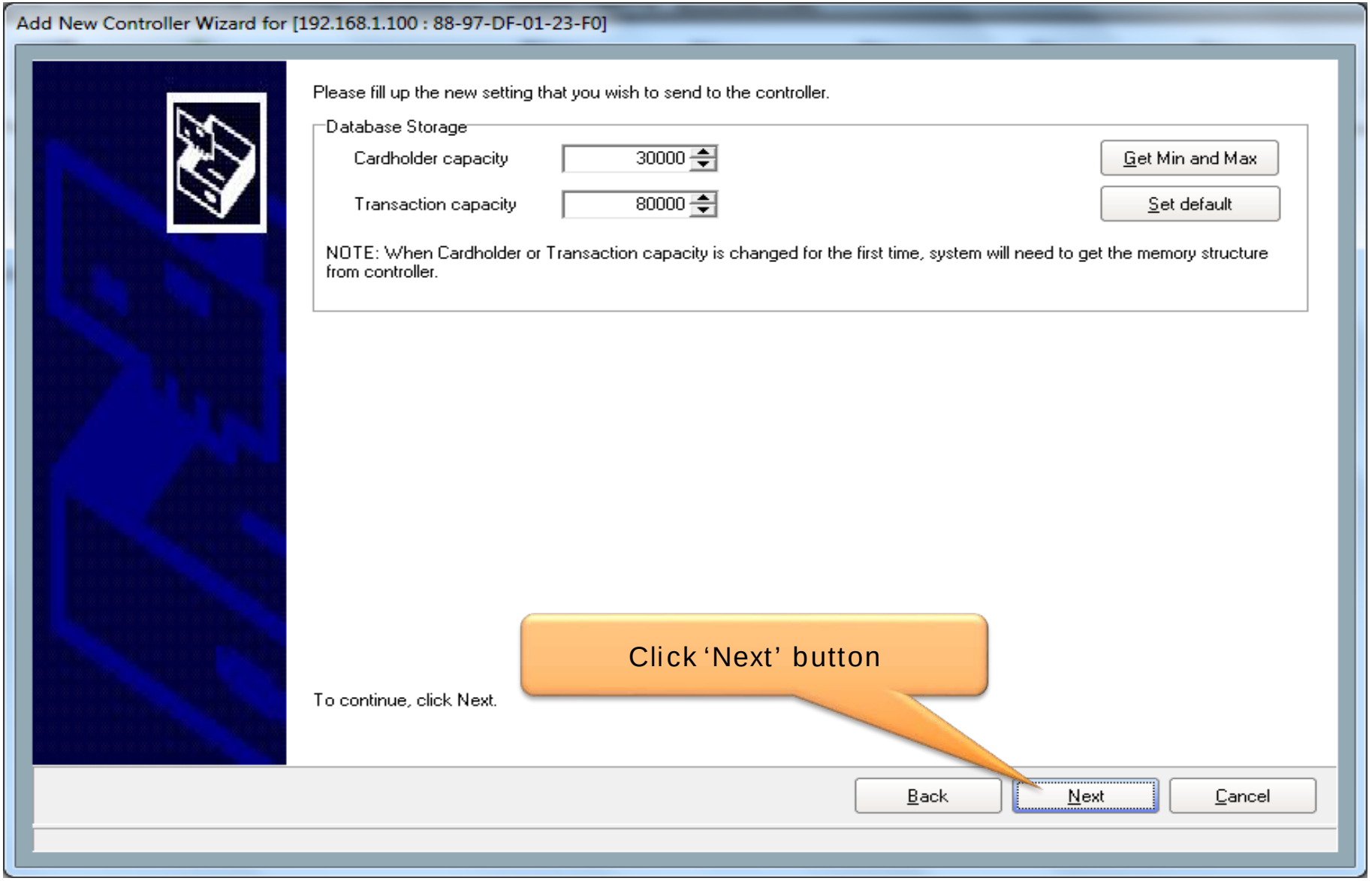

Notes: This setup screen only available for the following controllers model: S3200, S3400, N5200 and N5400

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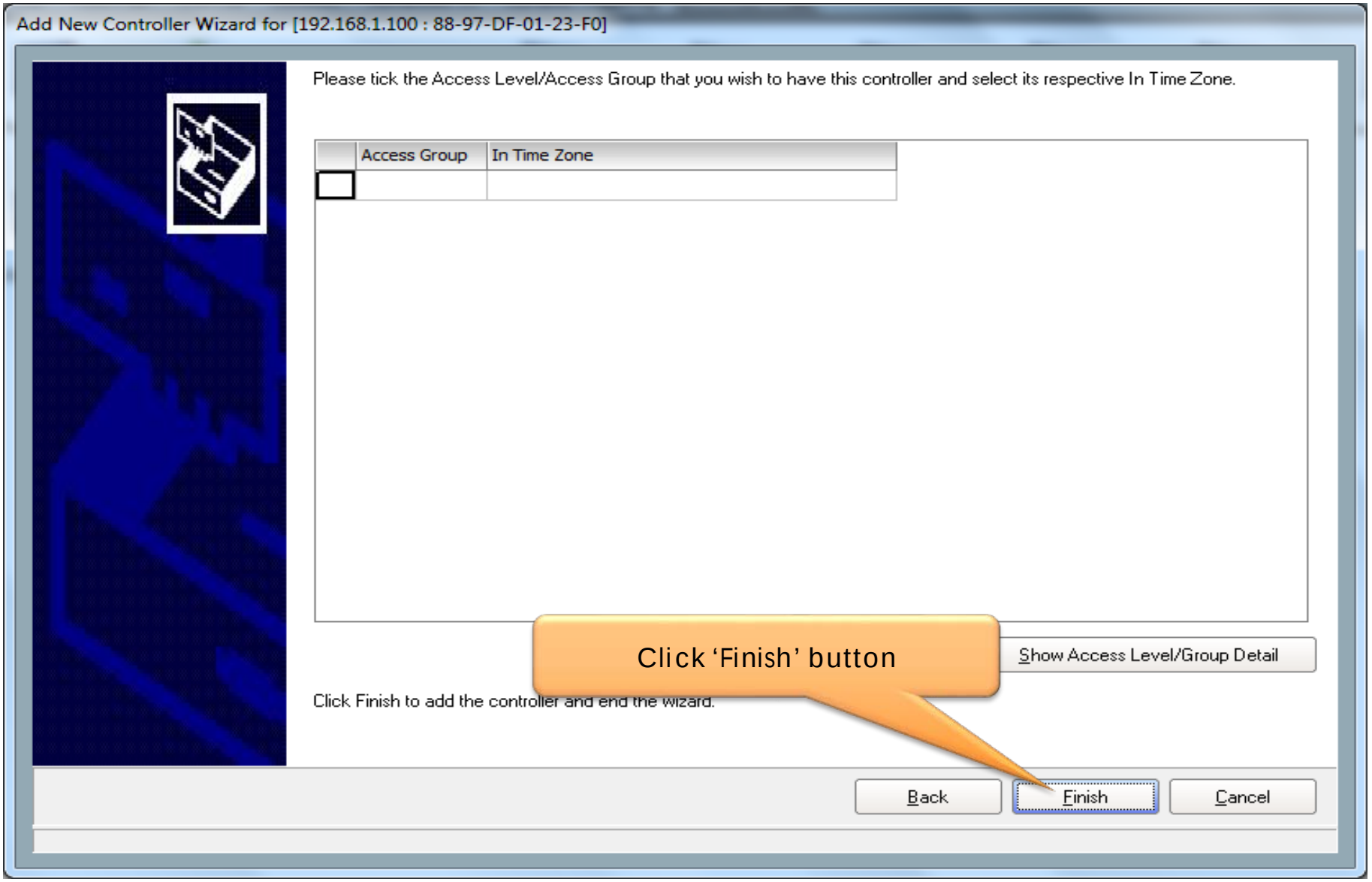

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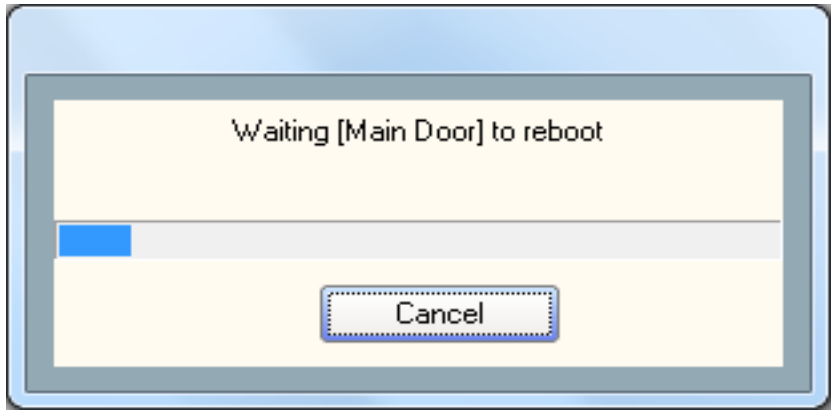

Notes: Please ensure that you getting the above message ('Waiting [Controller Name] to reboot') during sending process begin.
If you're getting the 'Sending <Network Parameter>' message, please cancel the process, and then go to 'Preferences → Active Engine' to check your Active Engine and P1 Server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

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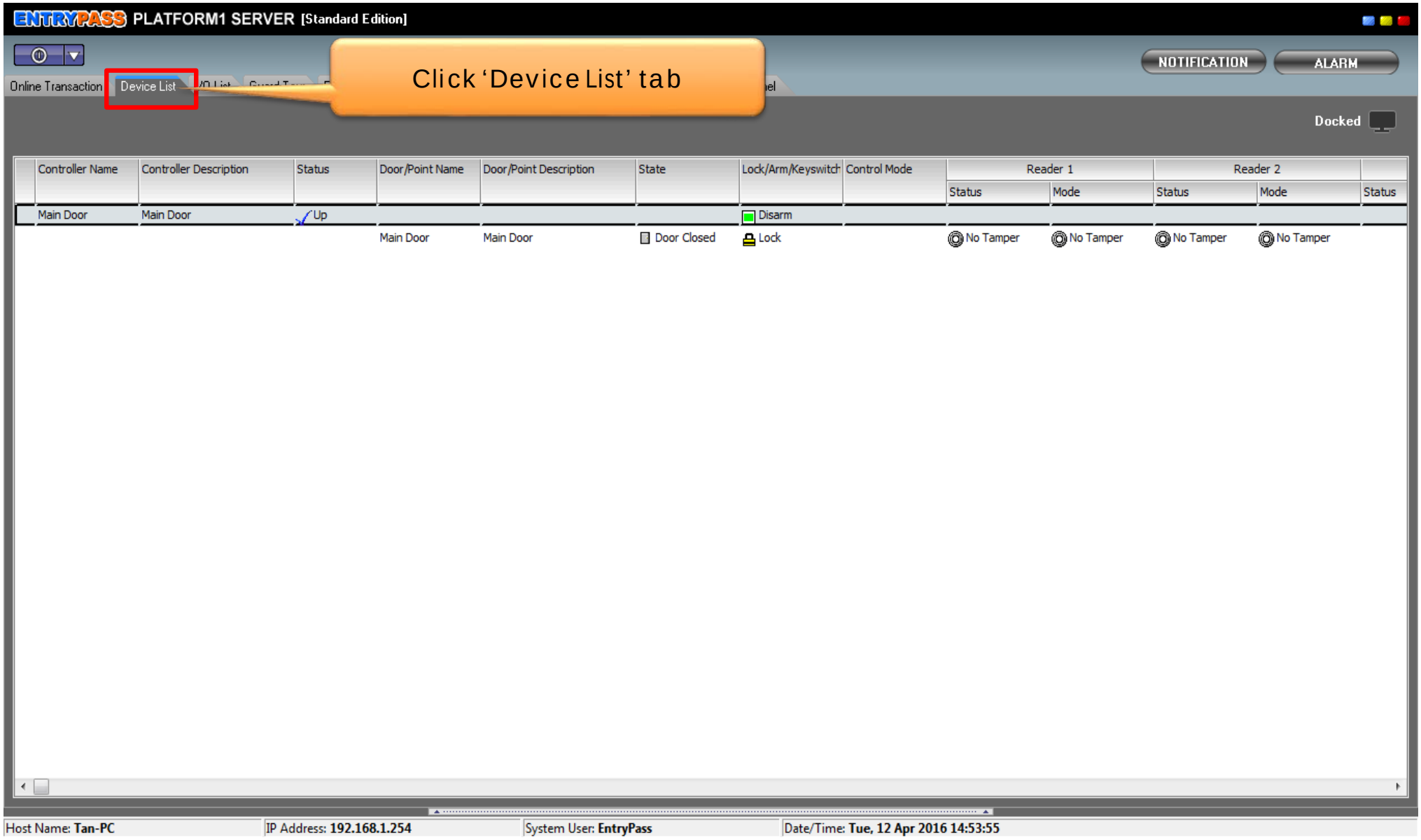

Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer Appendix C if the **Hardware** status is down.

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Replacing Existing Hardware With New Hardware

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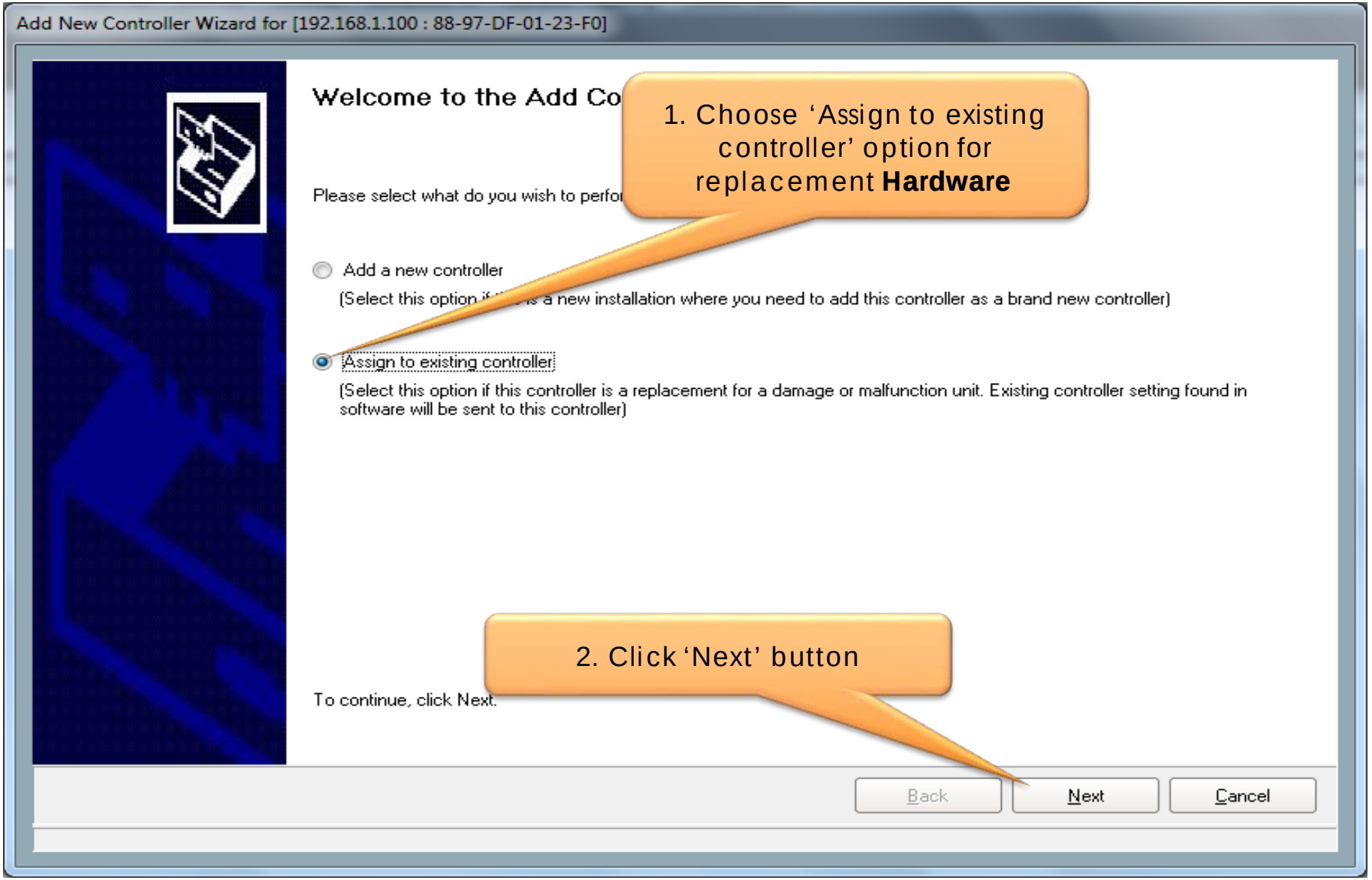

Notes: Please ensure that you replace the same **Hardware** model. Example: N5200 controller can only be replaced by another N5200 controller.

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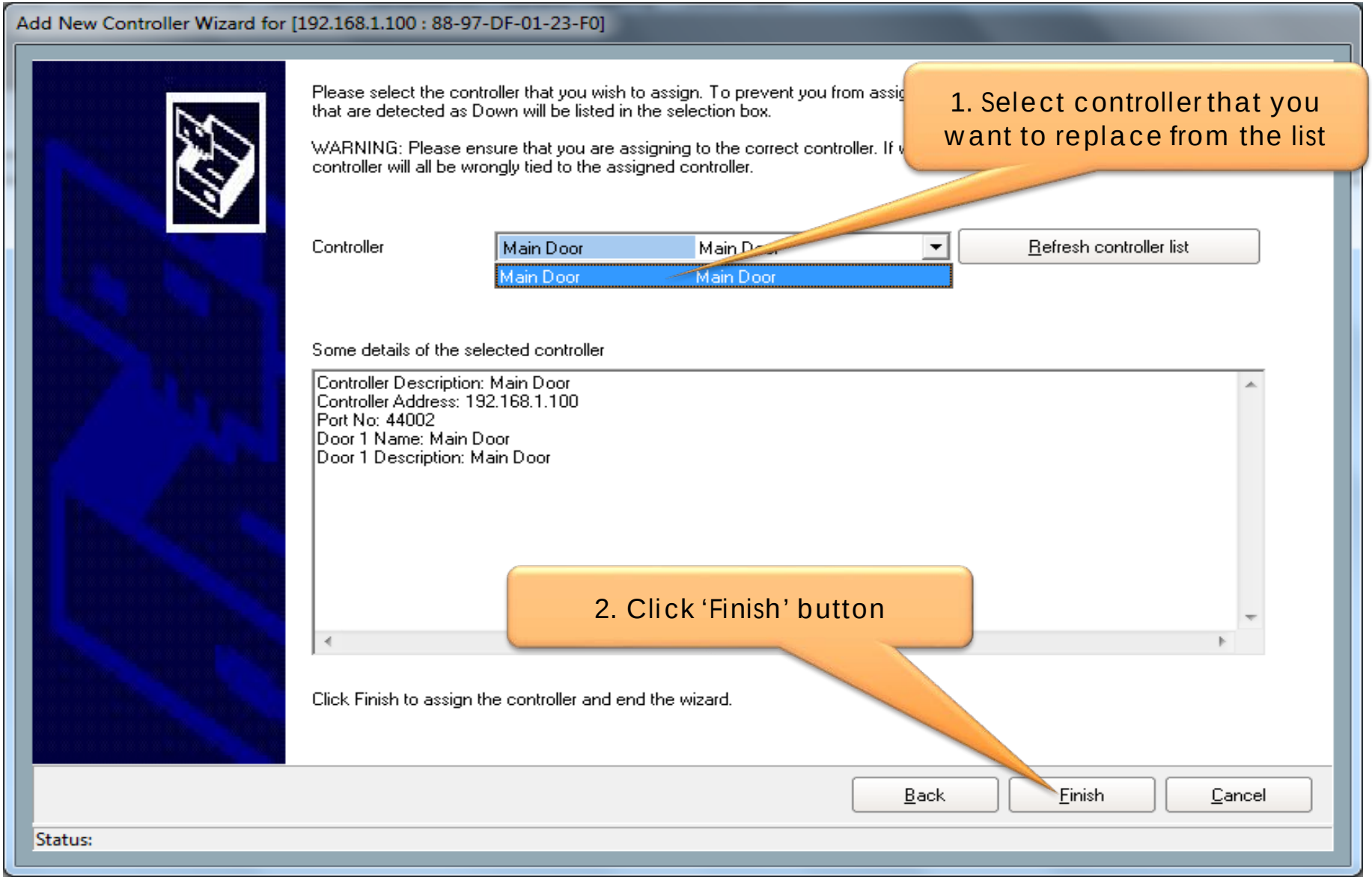

Notes: Only **Hardware** that declared as 'Down' status on P1 Server will show on the list.

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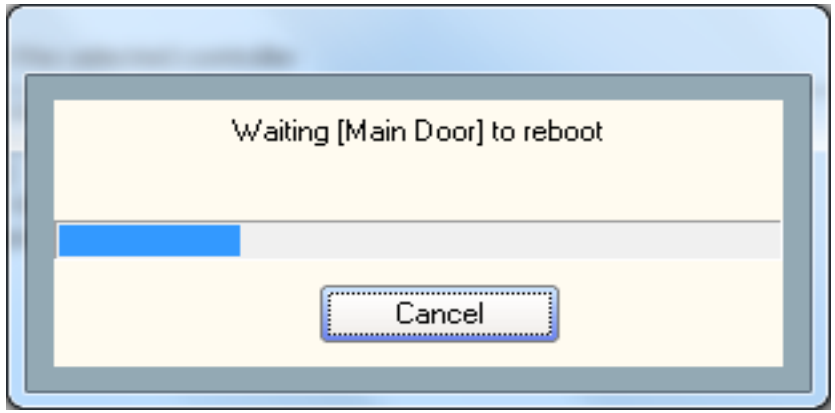

Notes: Please ensure that you getting the above message ('Waiting [Controller Name] to reboot') during sending process begin.
If you getting the 'Sending <Network Parameter>' message, please cancel the process, and then go to 'Preferences → Active Engine' to check your Active Engine and P1 Server IP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

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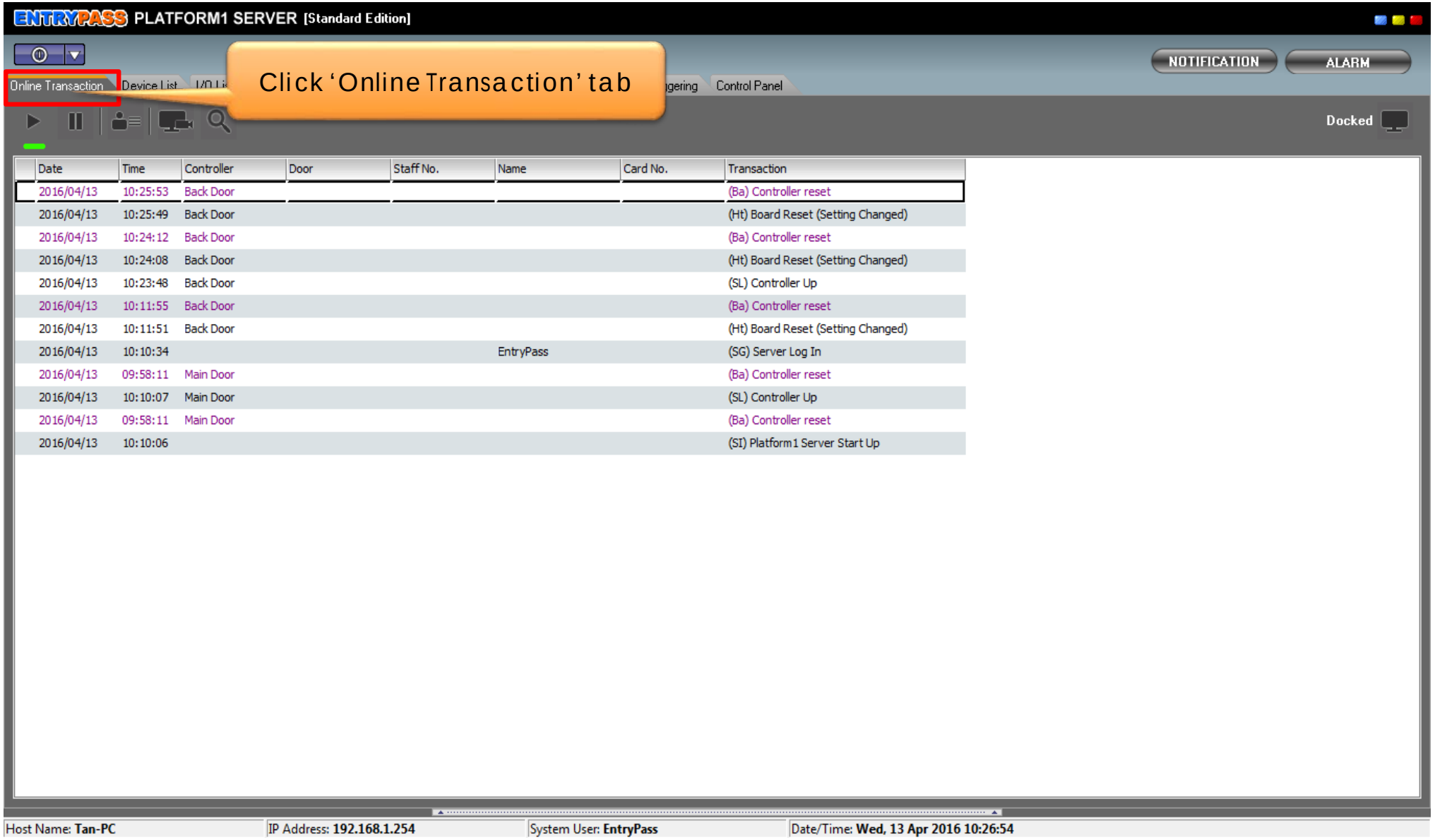

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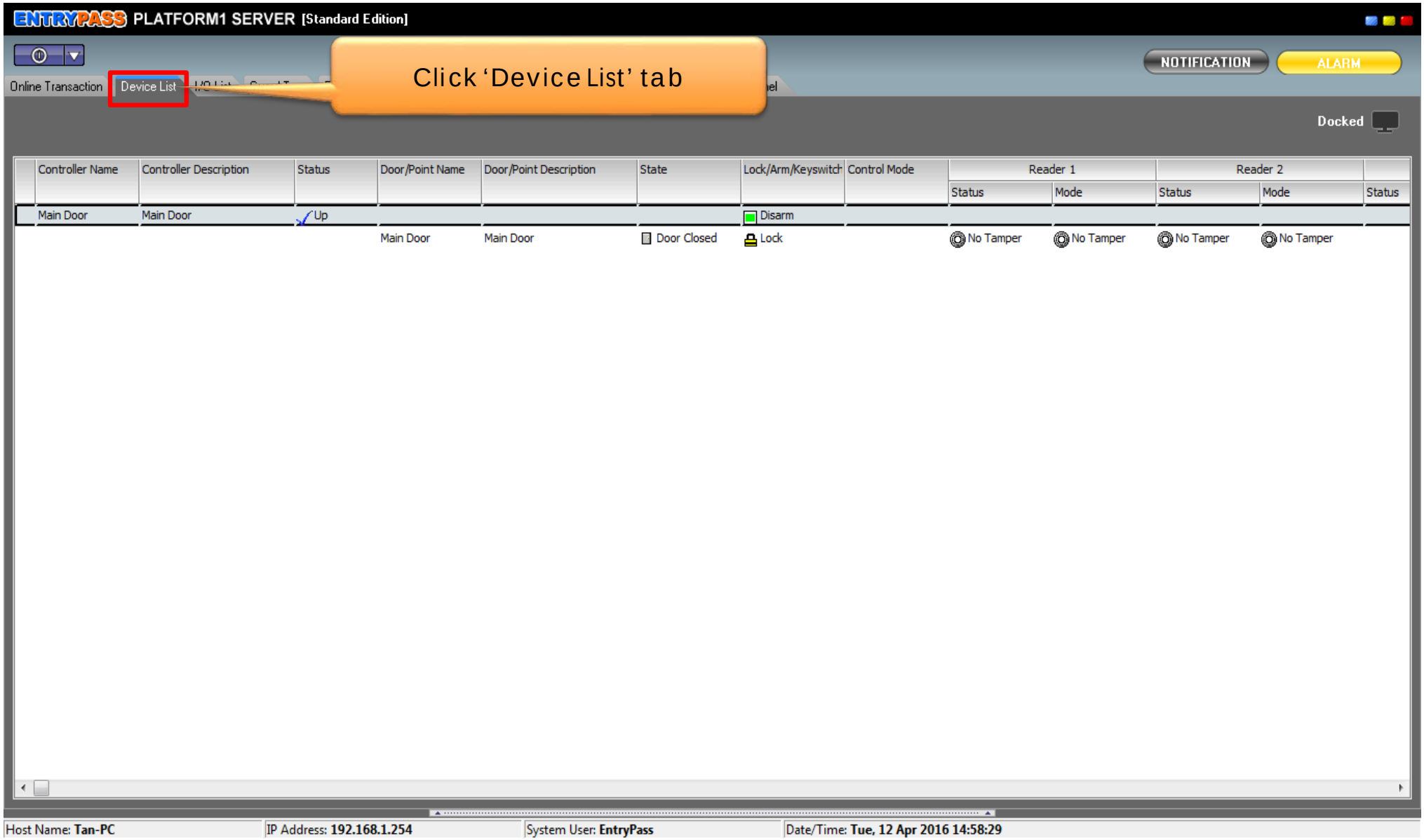

Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer Appendix C if the **Hardware** status is down.

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Serial (RS232/RS485) Controller Setup Steps

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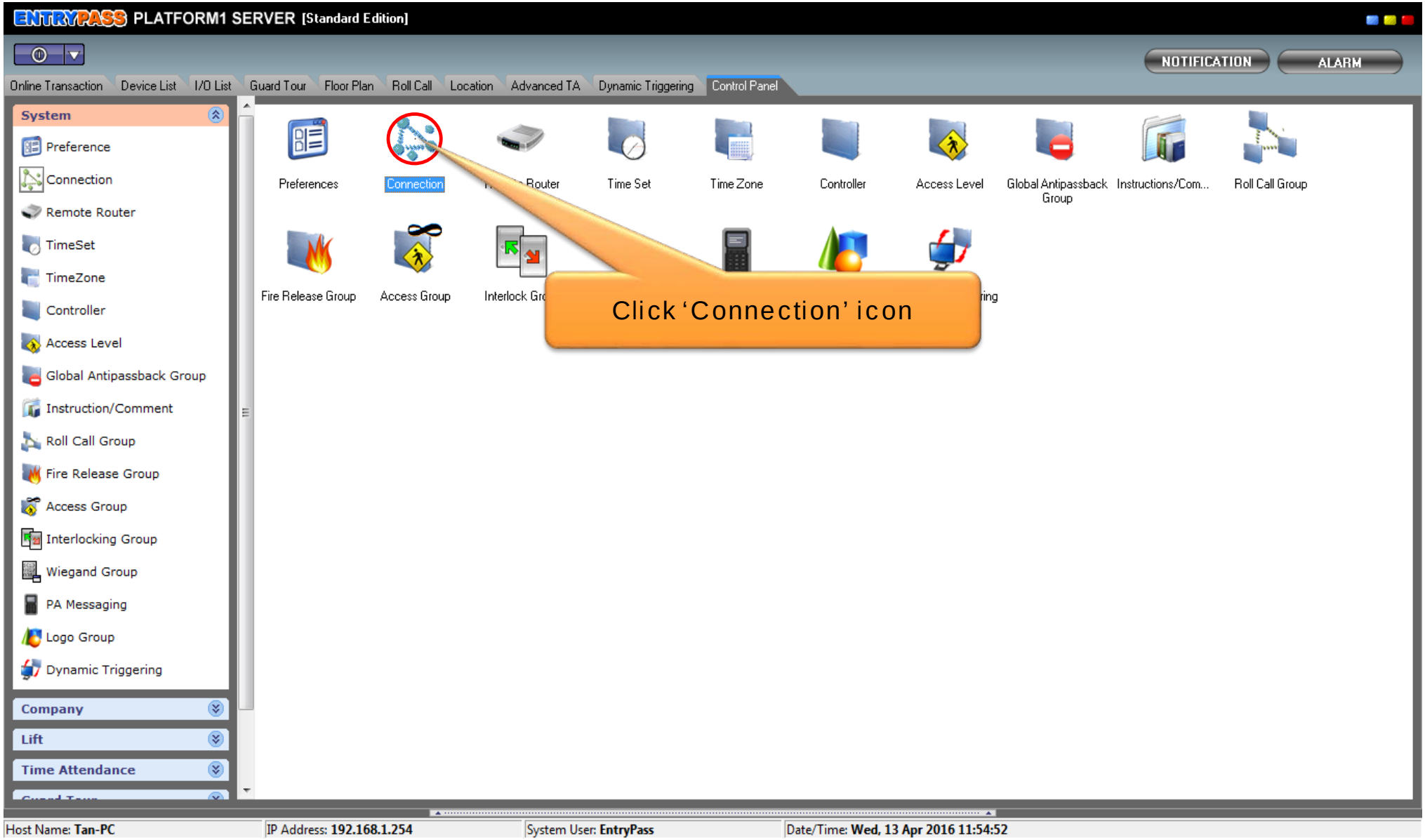

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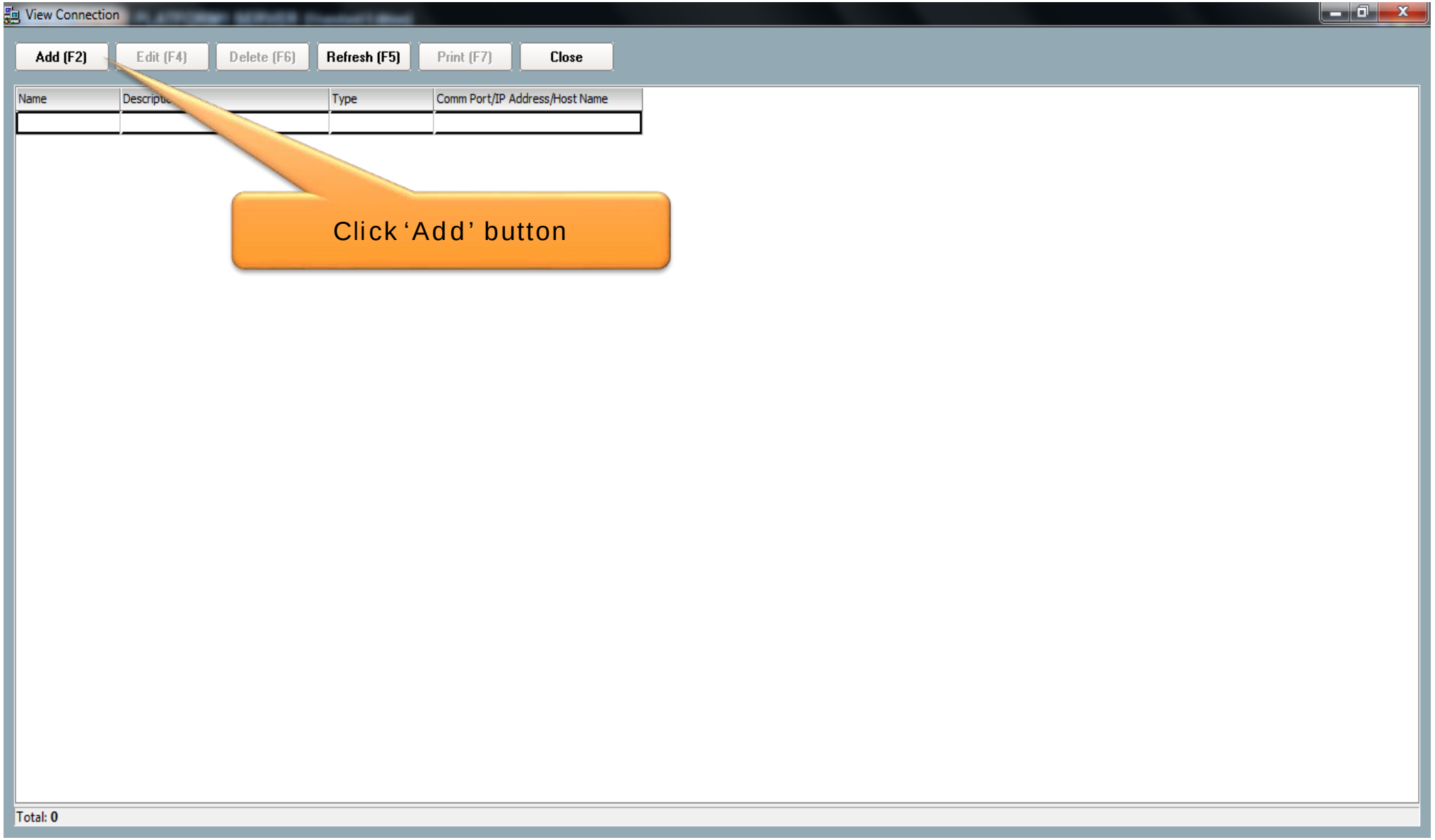

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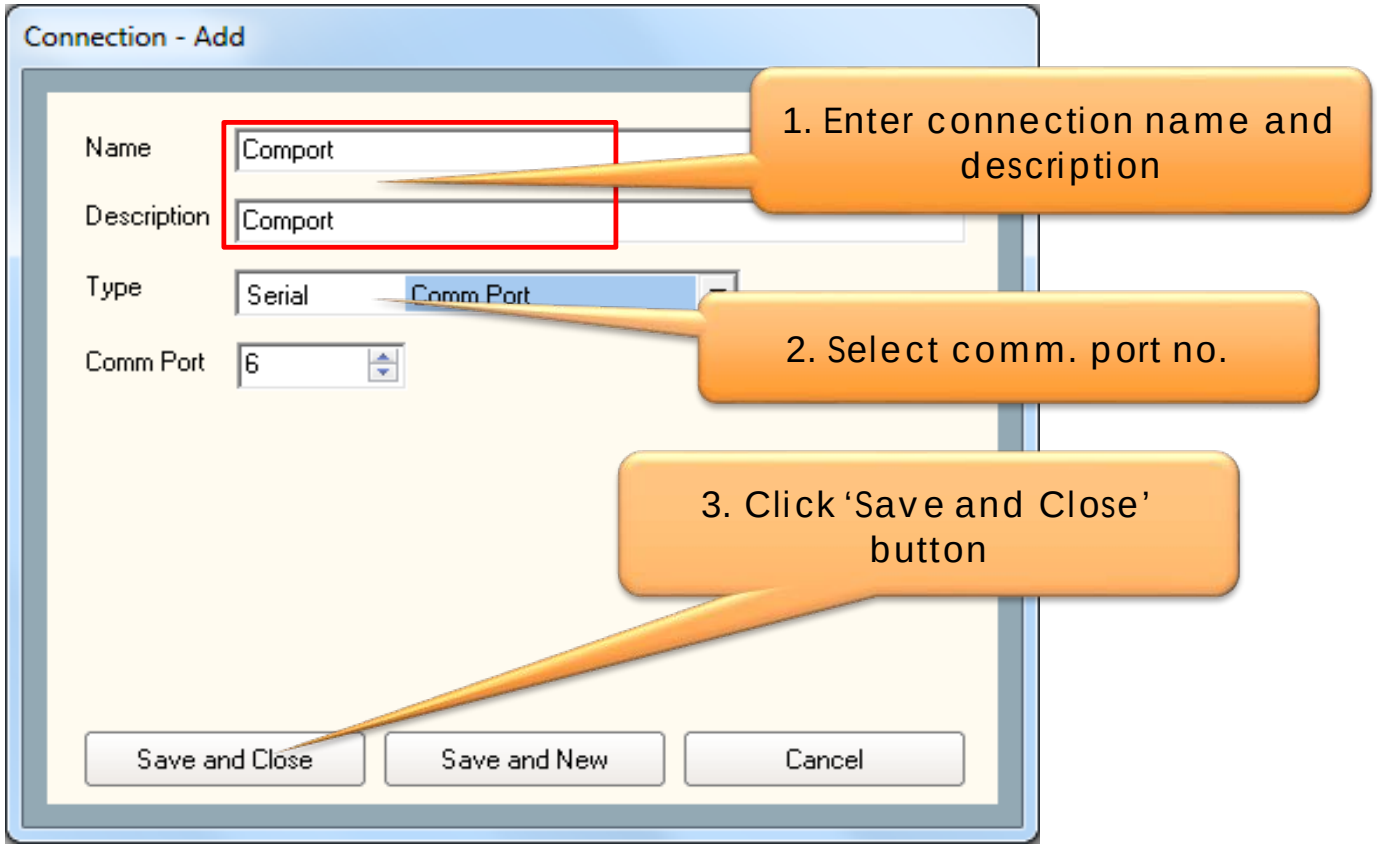

Notes: Please refer to Windows Control Panel → 'System' icon → 'Hardware' tab, and then click 'Device Manager' button for communication port information (based on Windows XP).

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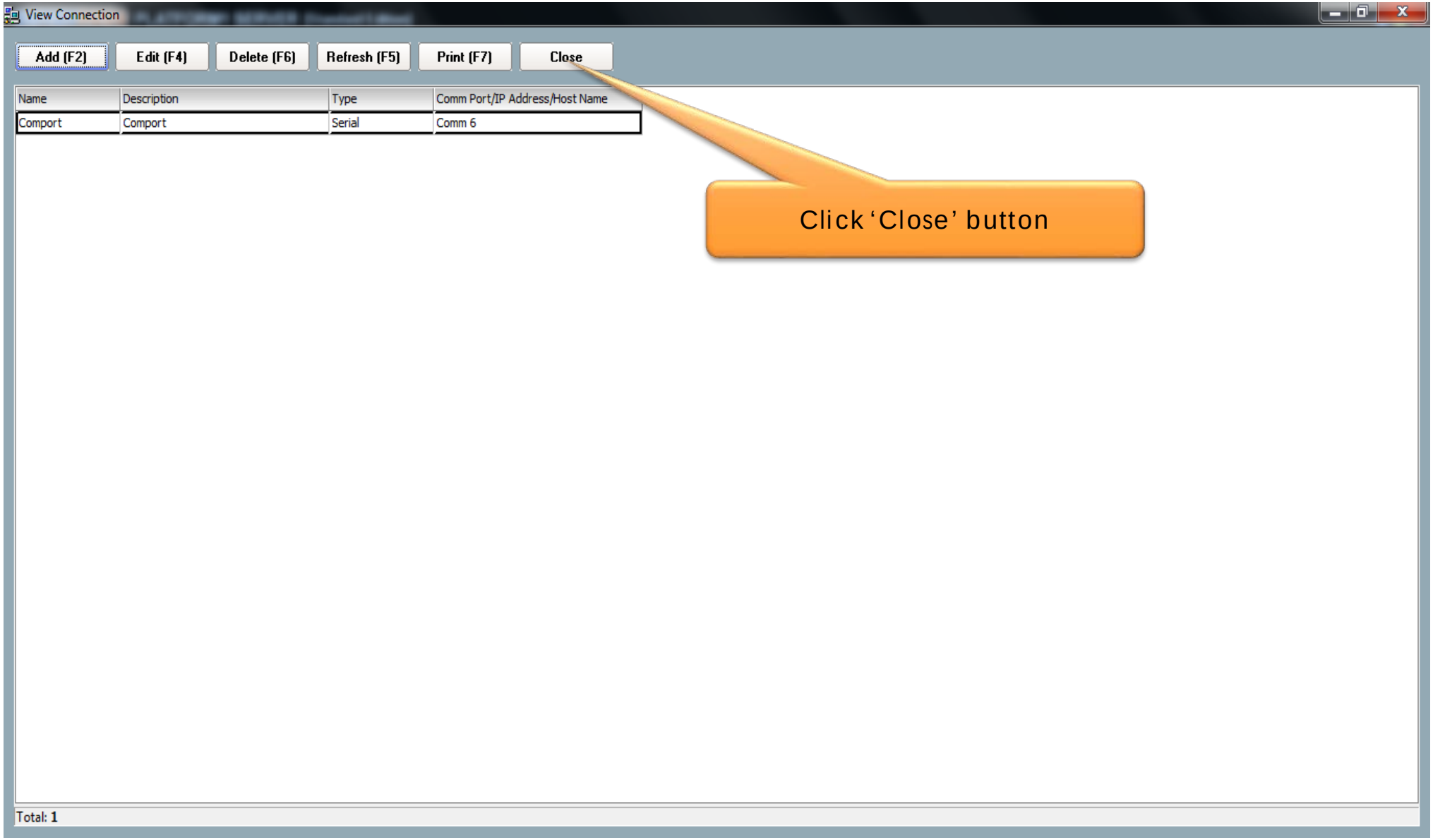

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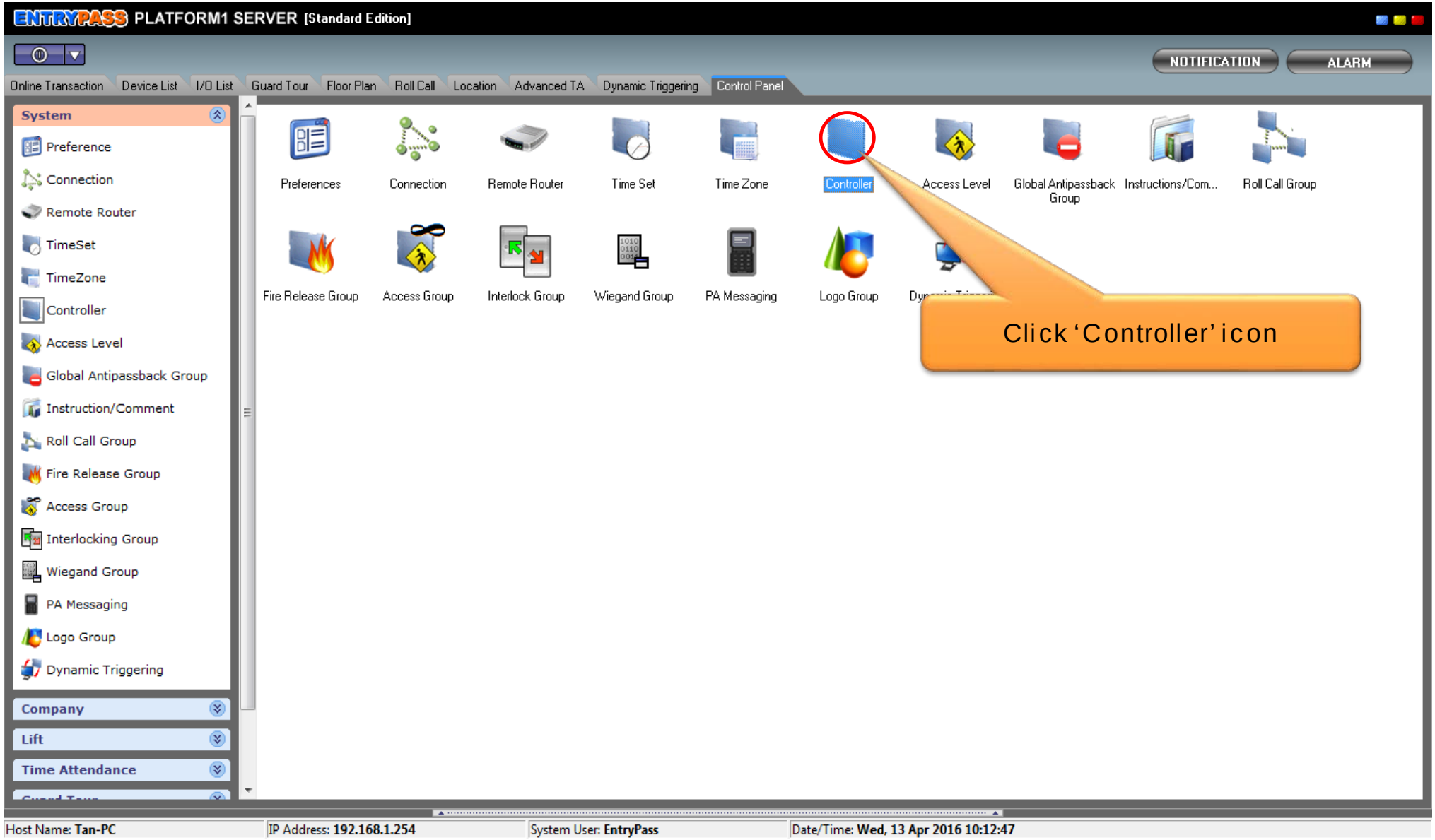

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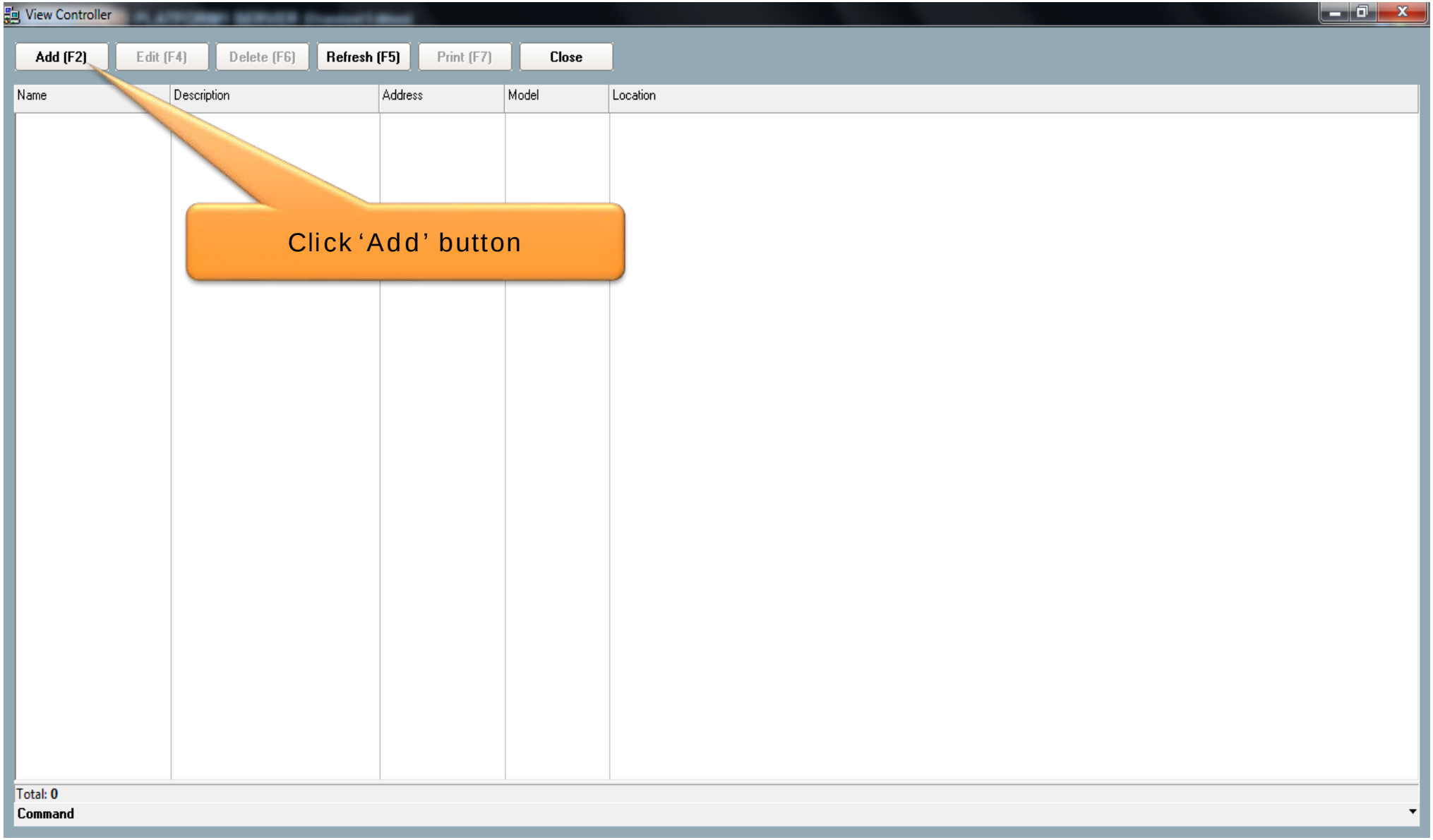

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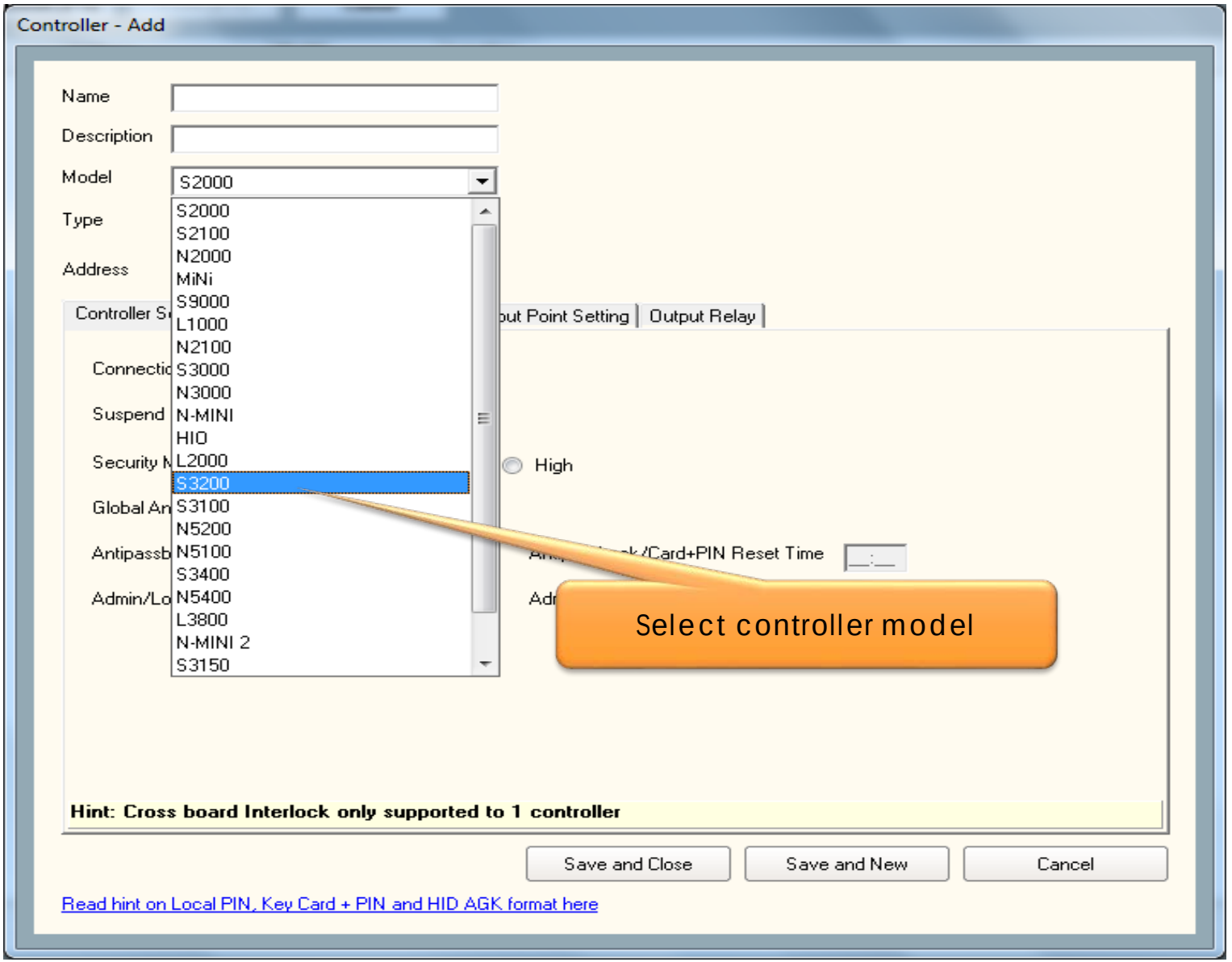

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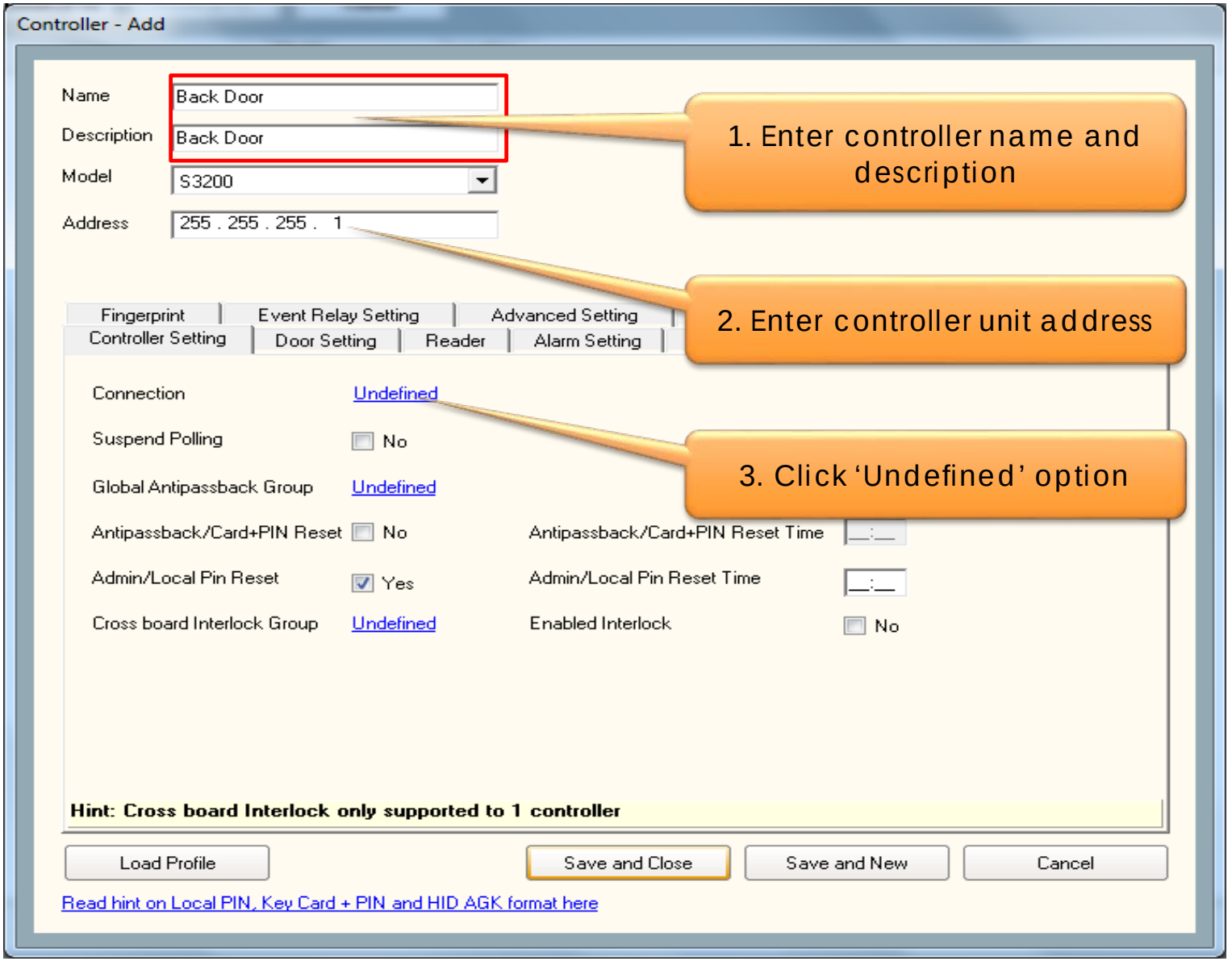

Notes: Unit address for HCB Serial Board is starting with 3 octets of 255, the last octets represents the dip-switch selected on the hardware controller (kindly refer Appendix B for Dip-Switch Addressing Table)

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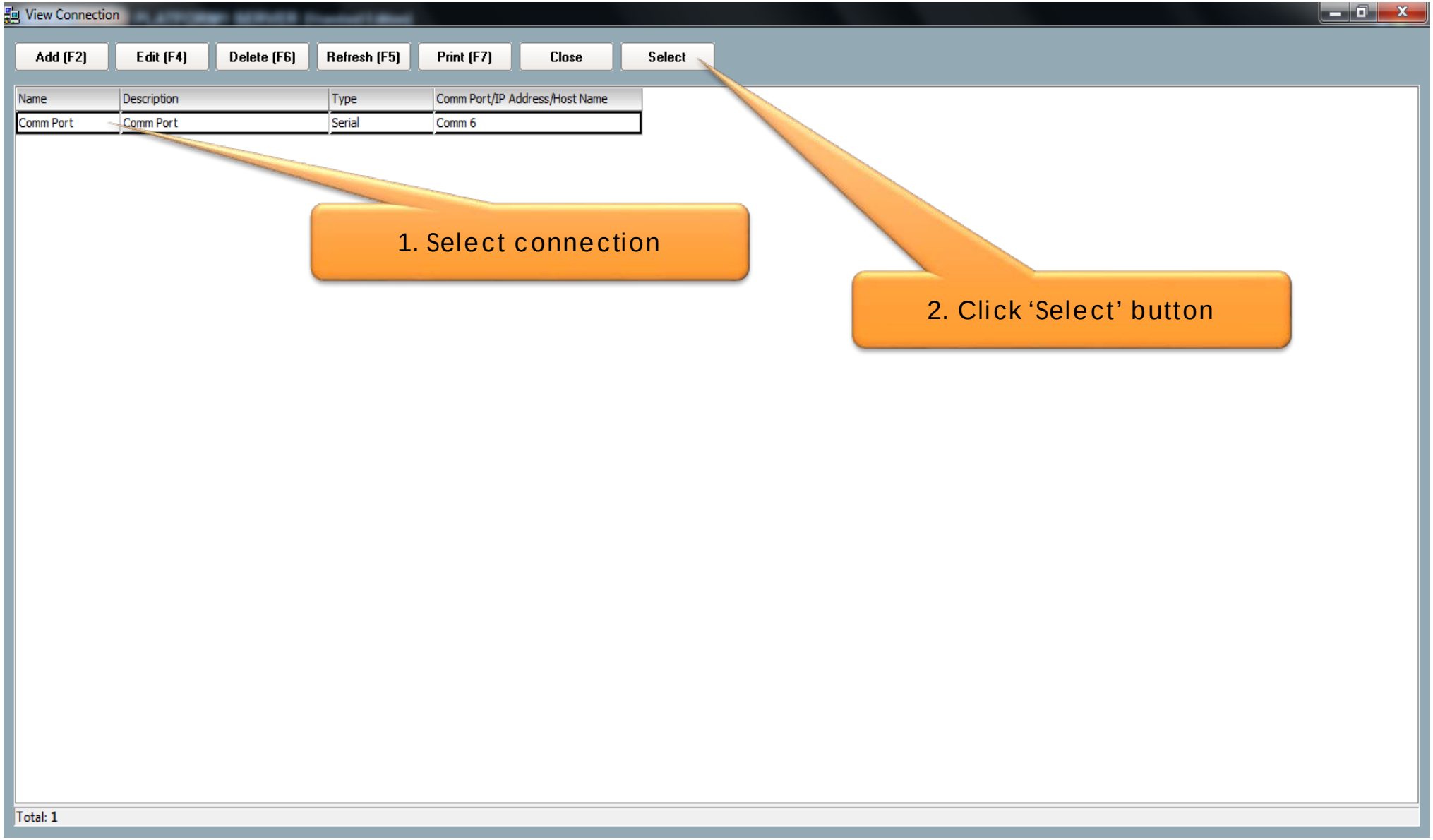

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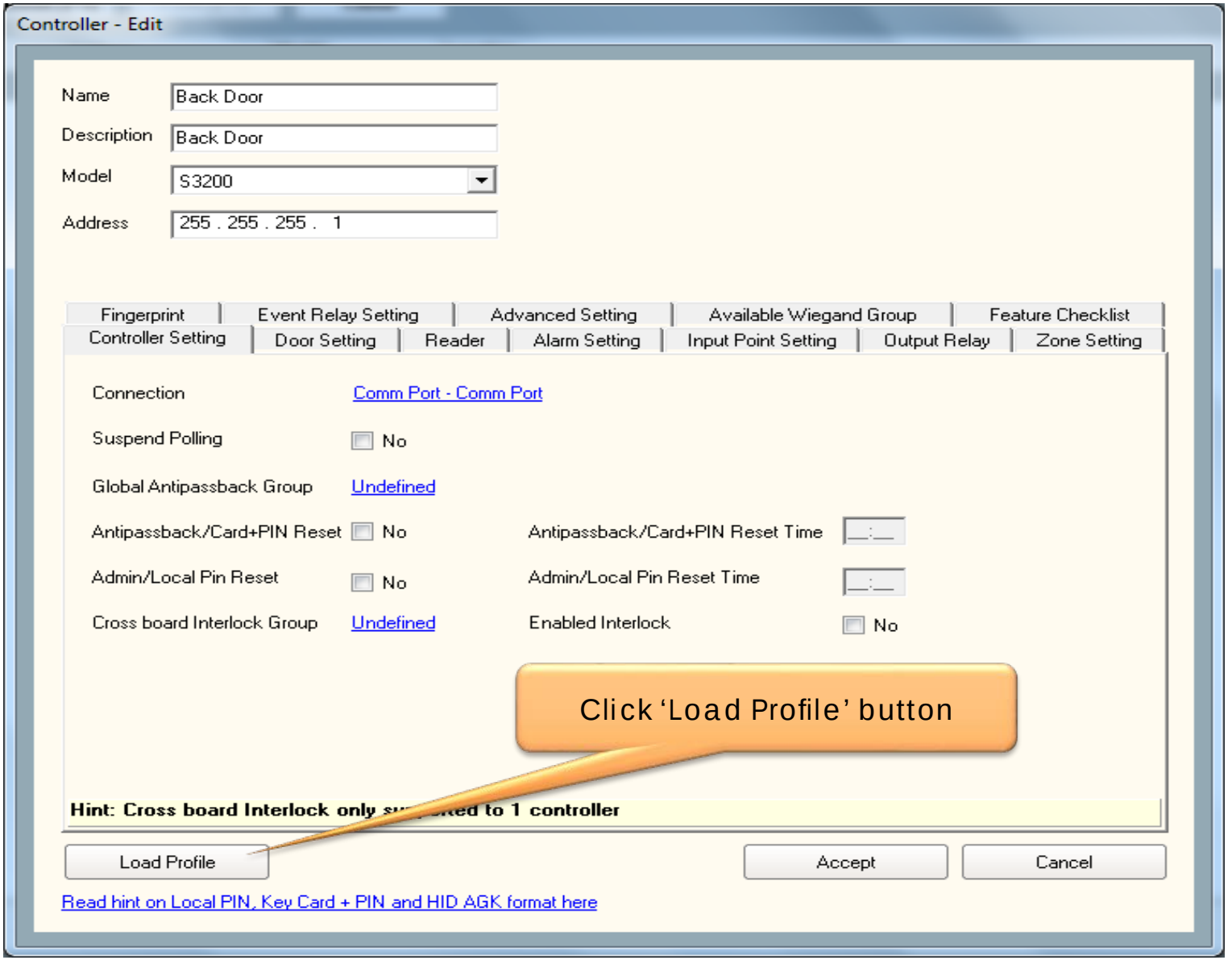

Notes: After selected the connection, the connection name will showing on the connection field.

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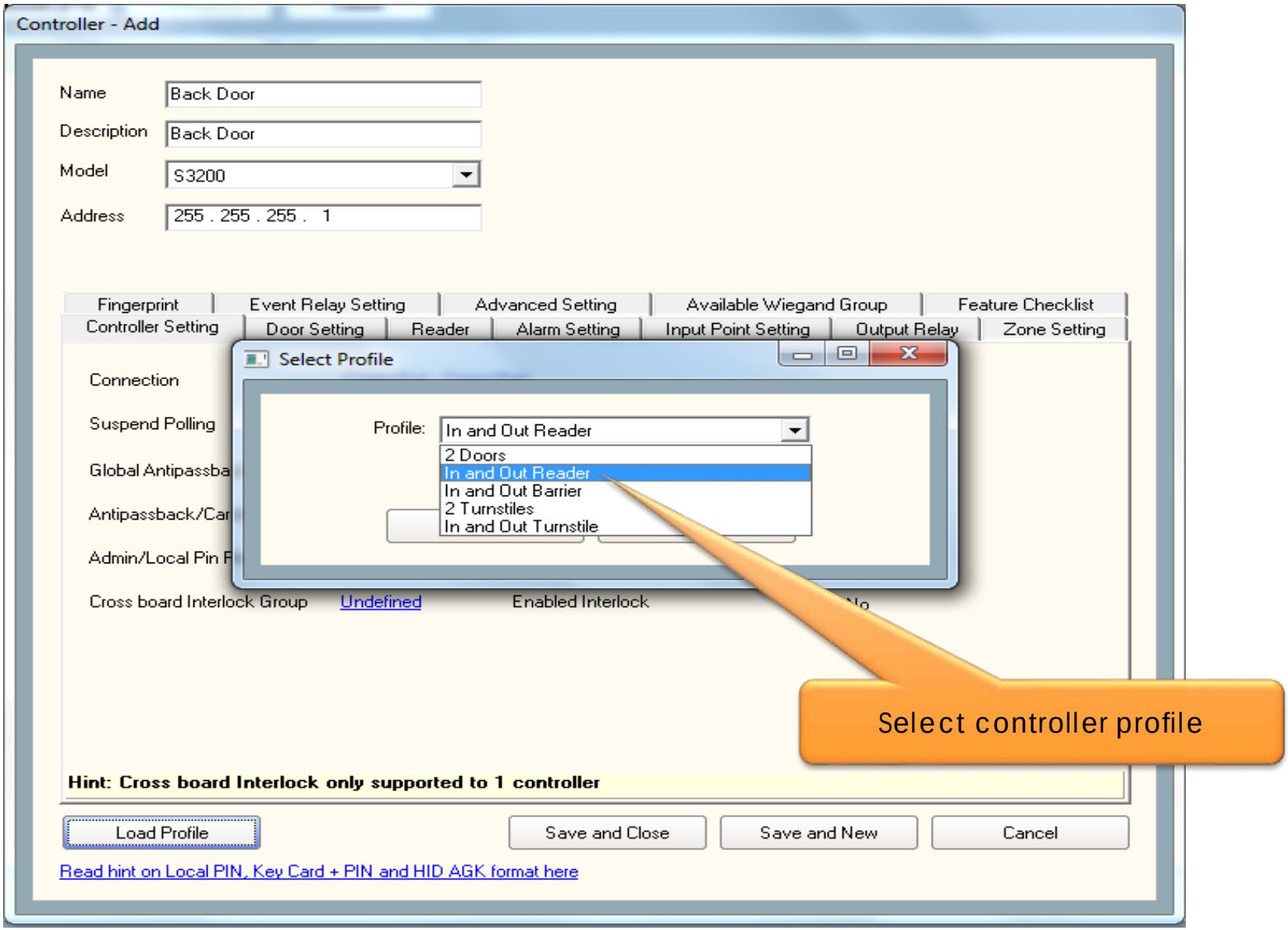

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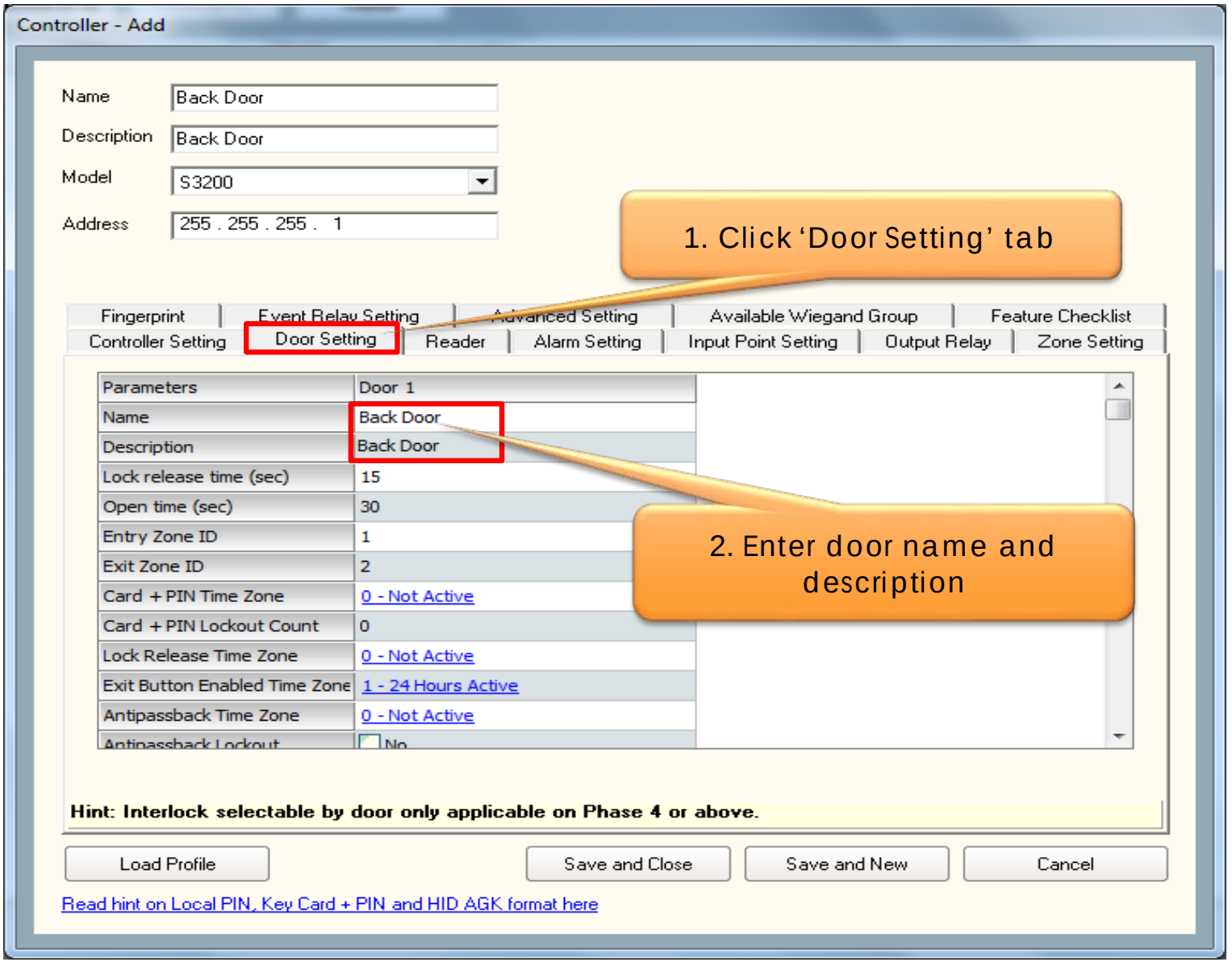

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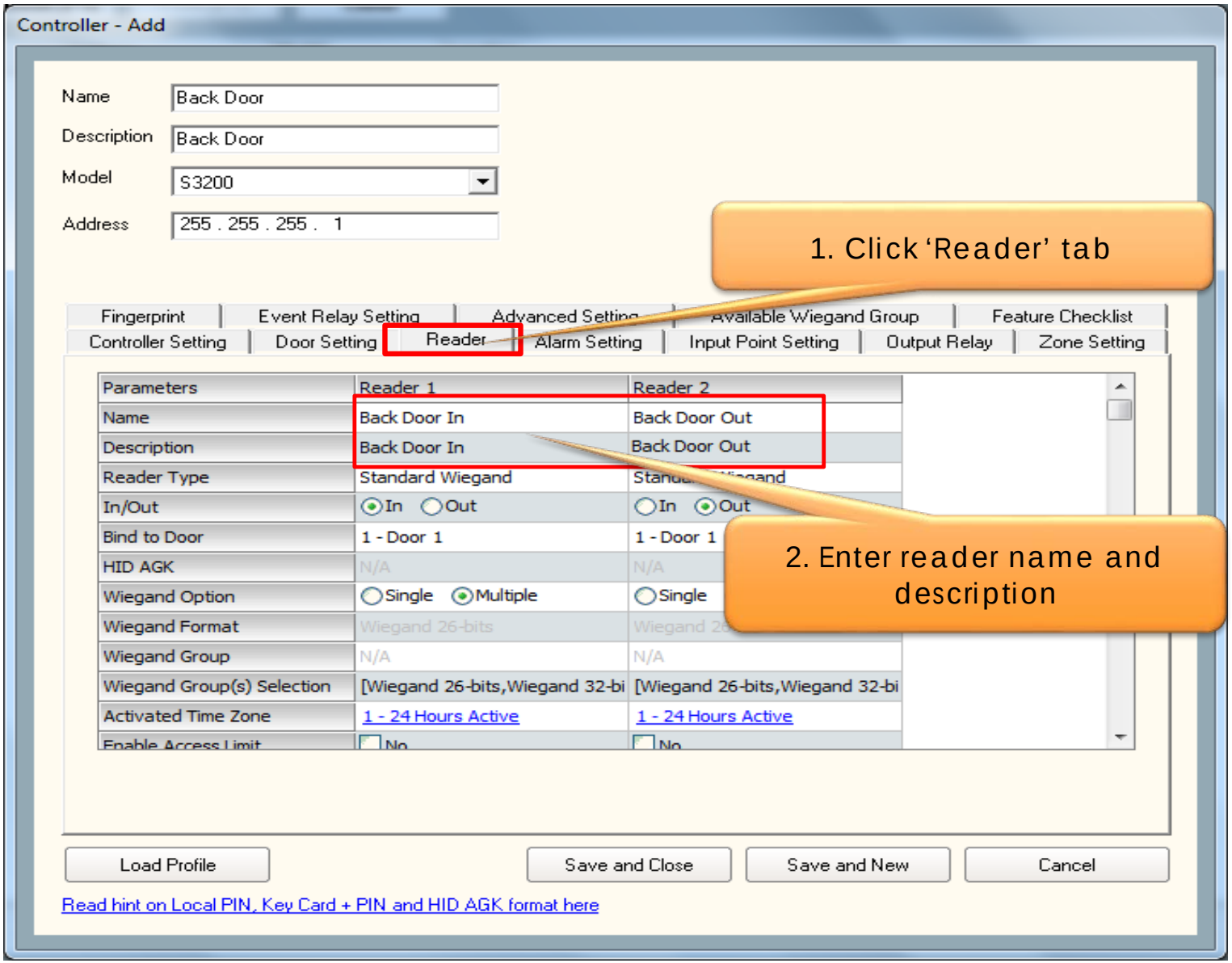

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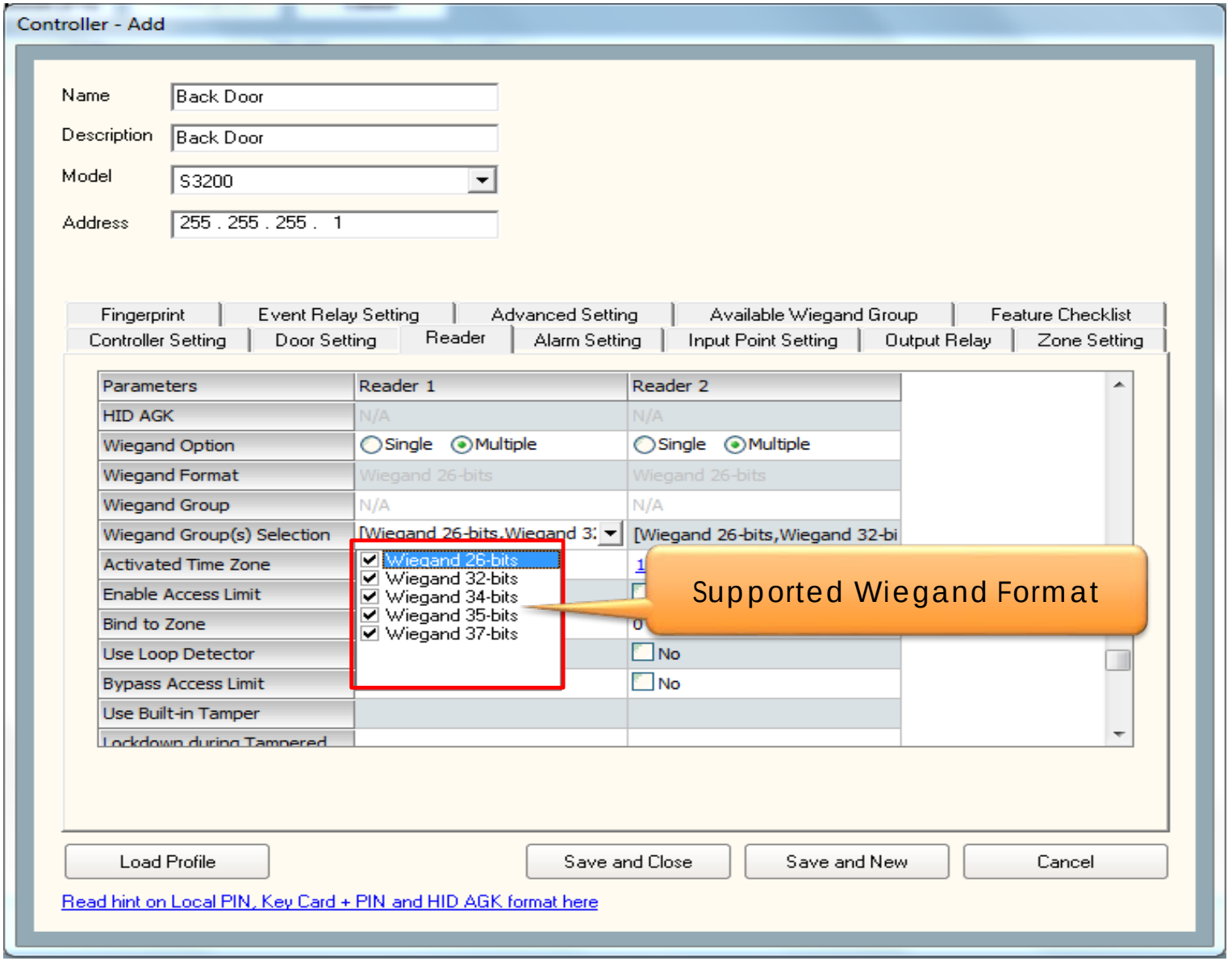

Notes: Default Wiegand Format is set to 26-bits, 32-bits, 34-bits, 35-bits, and 37-bits.

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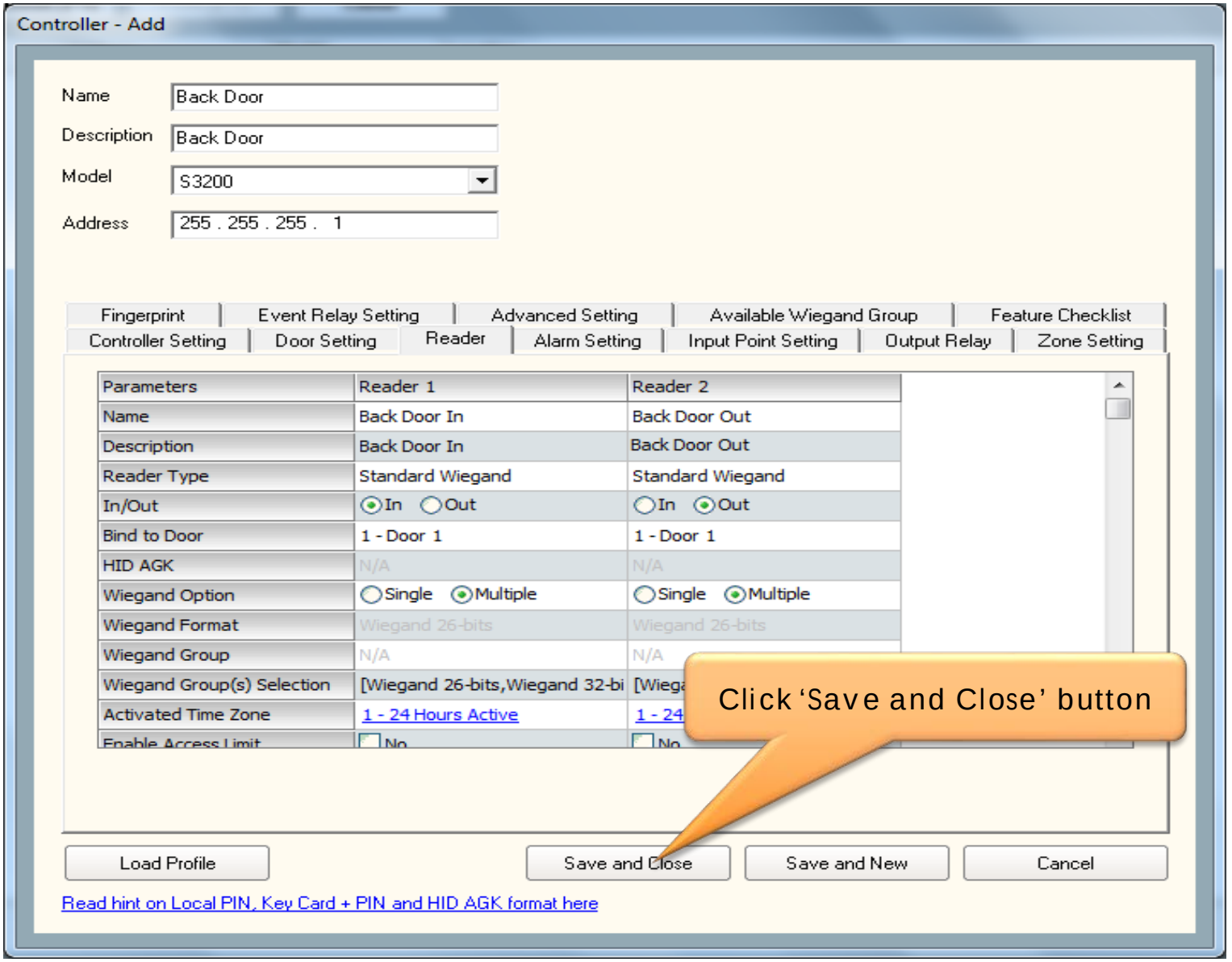

Notes: On **Hardware** side, you will hear reboot sequences of 1 long beep and 3 short beeps to indicate the setting successfully saved

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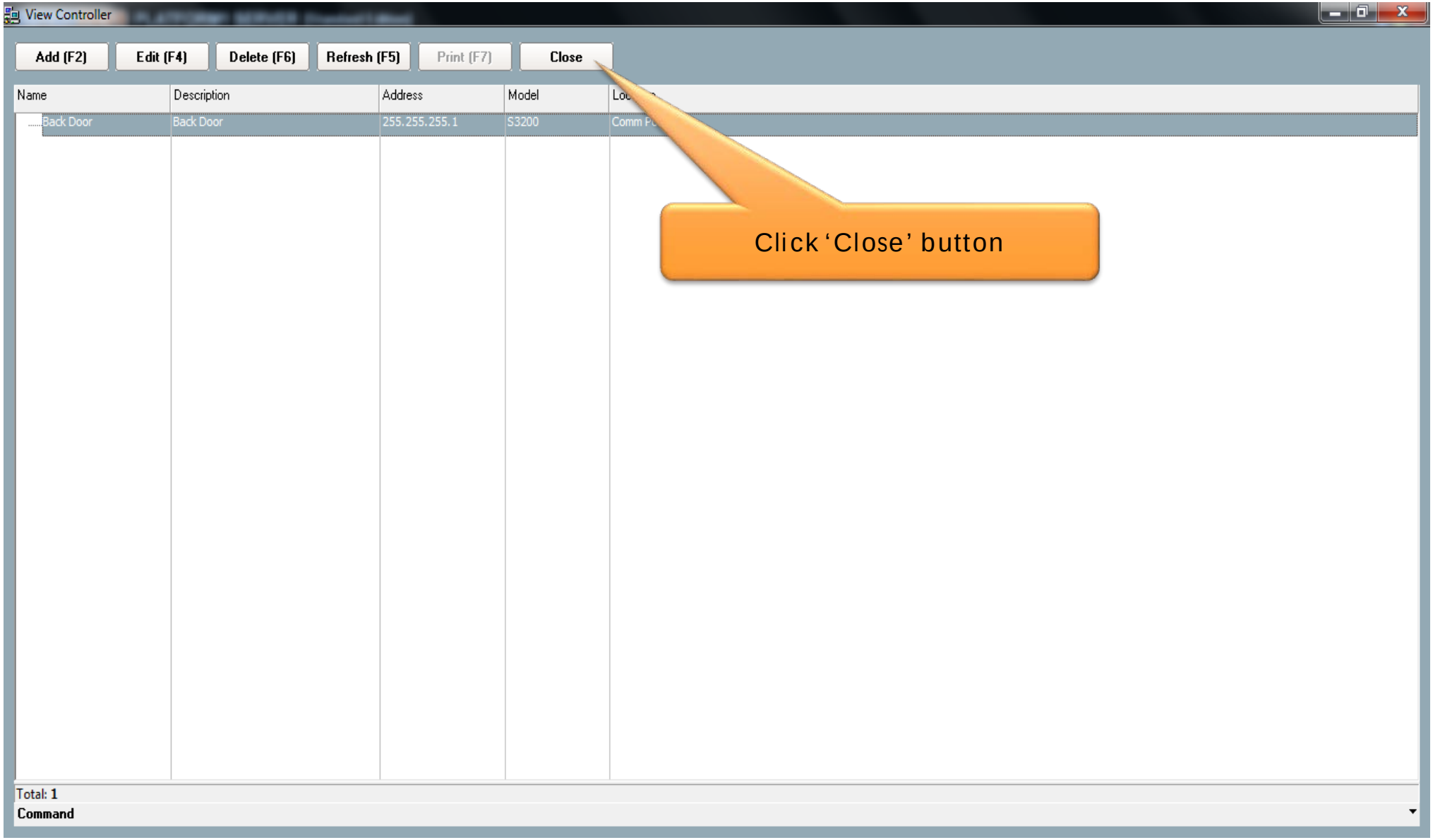

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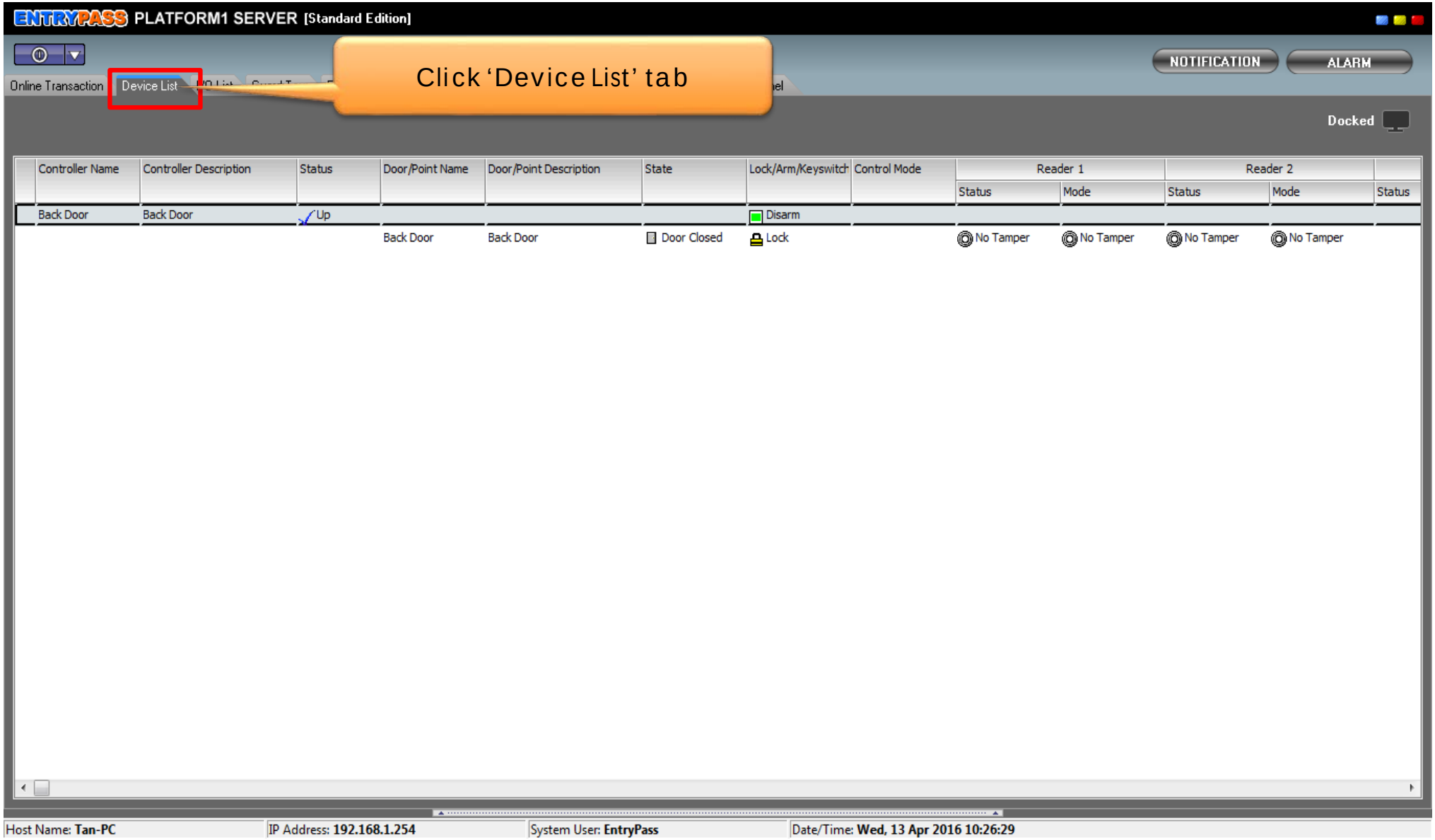

Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer *Appendix C* if the **Hardware** status is down.

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How To Create Access Level And Access Group

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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

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Create Access Level

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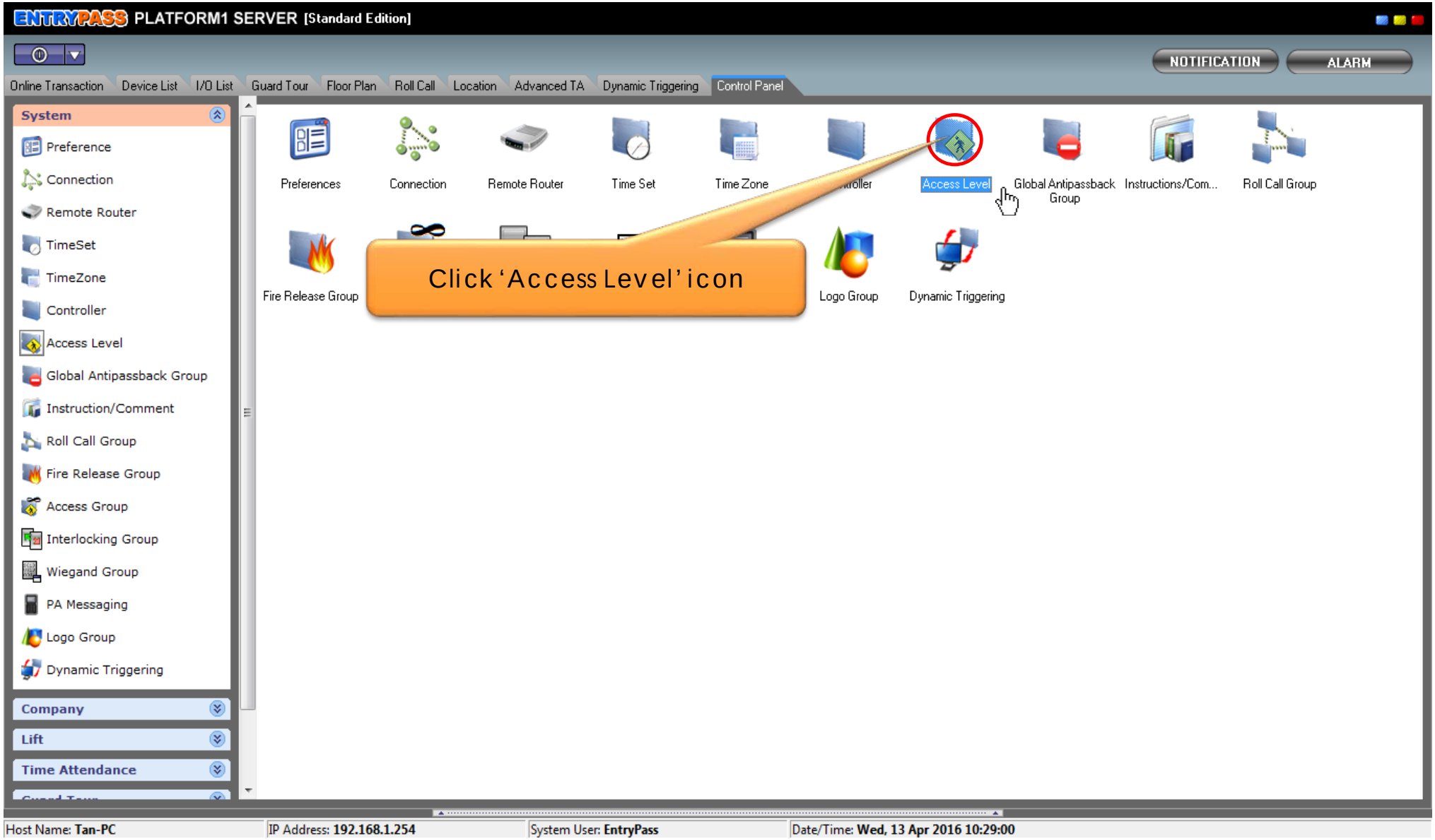

Notes: The following controllers support access level: Controller model: **MINI, NMINI, S3150, N5150**

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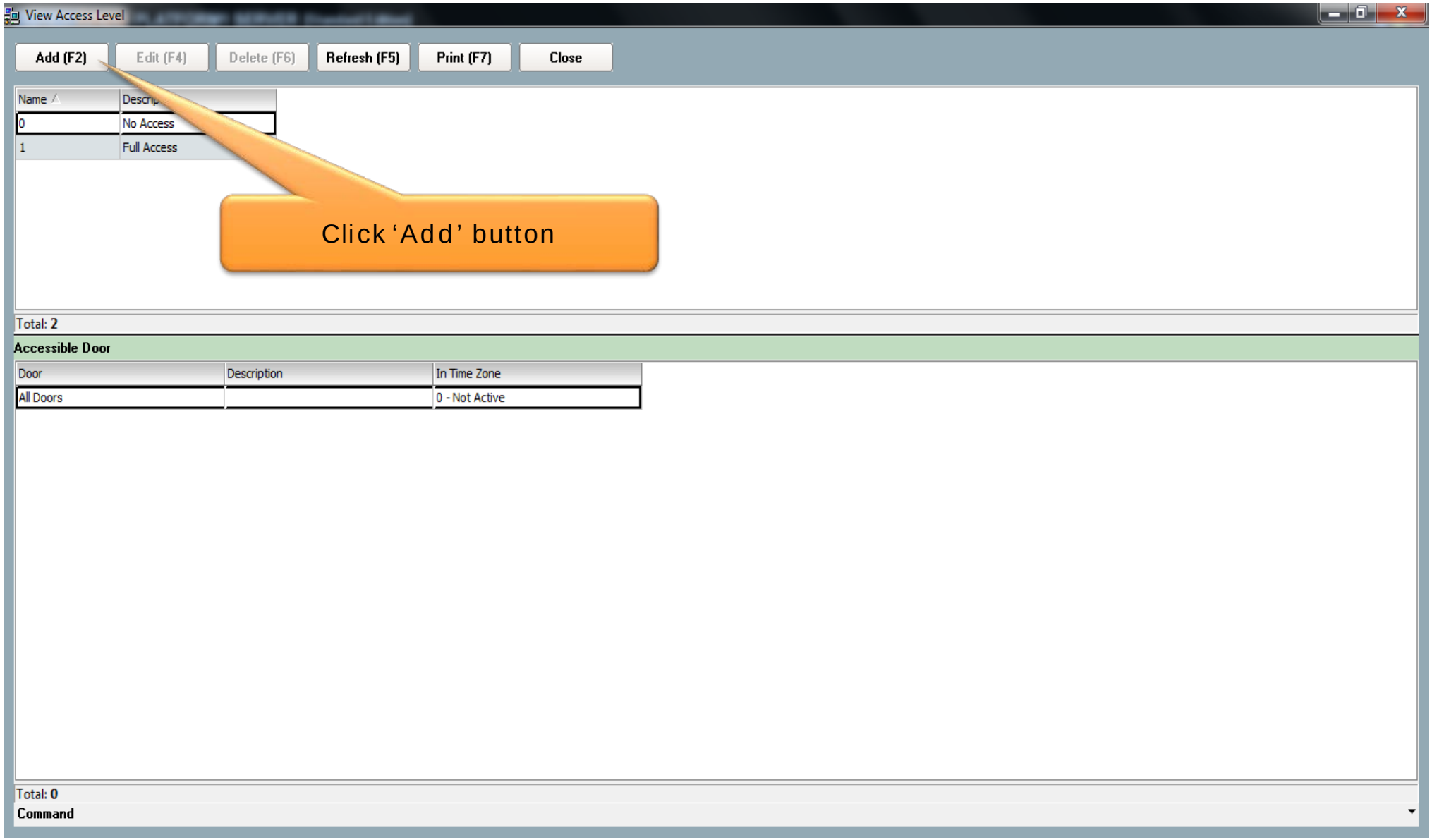

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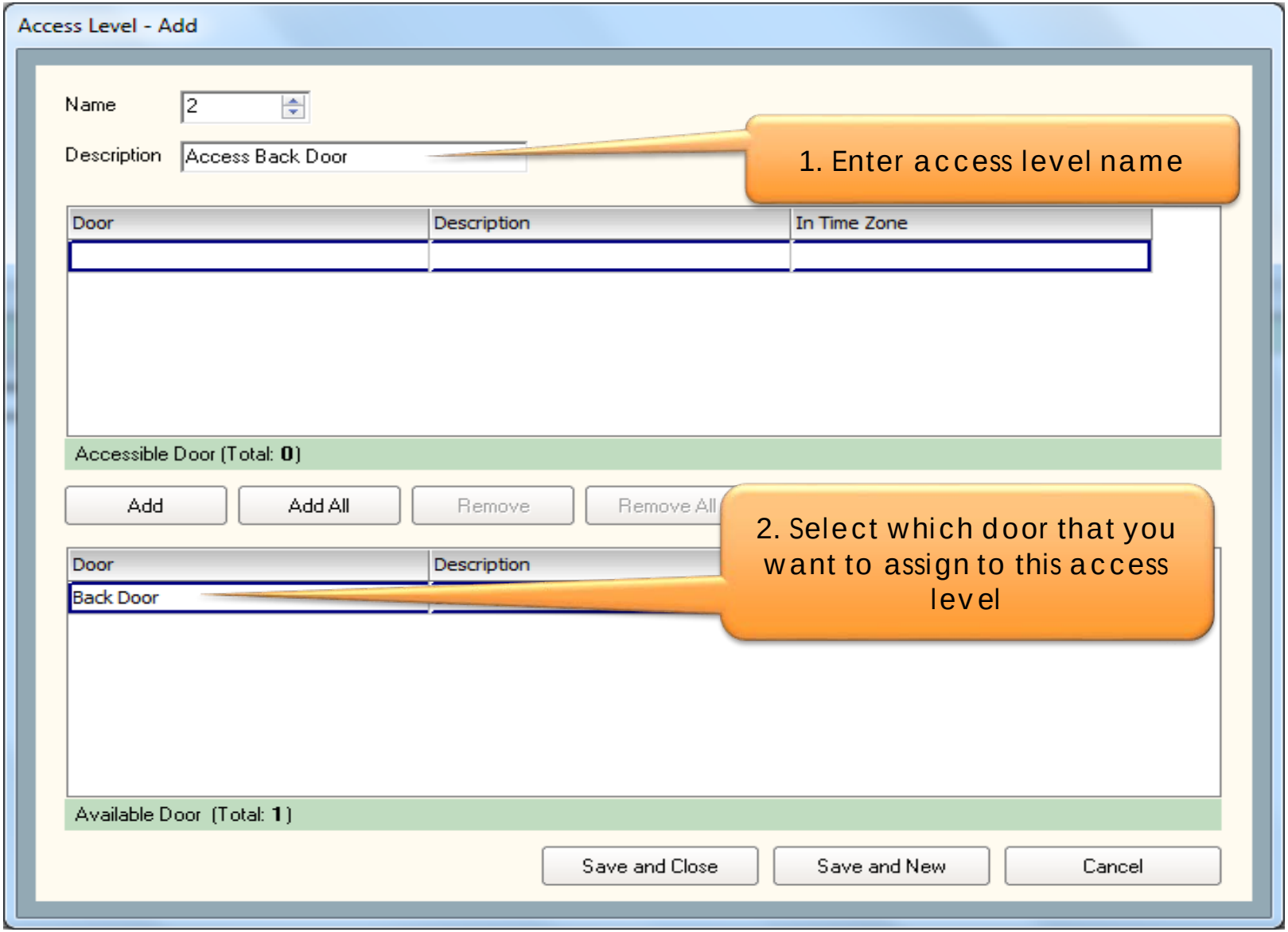

Notes: Only those doors that support access level will appeared in the 'Accessible Door' list

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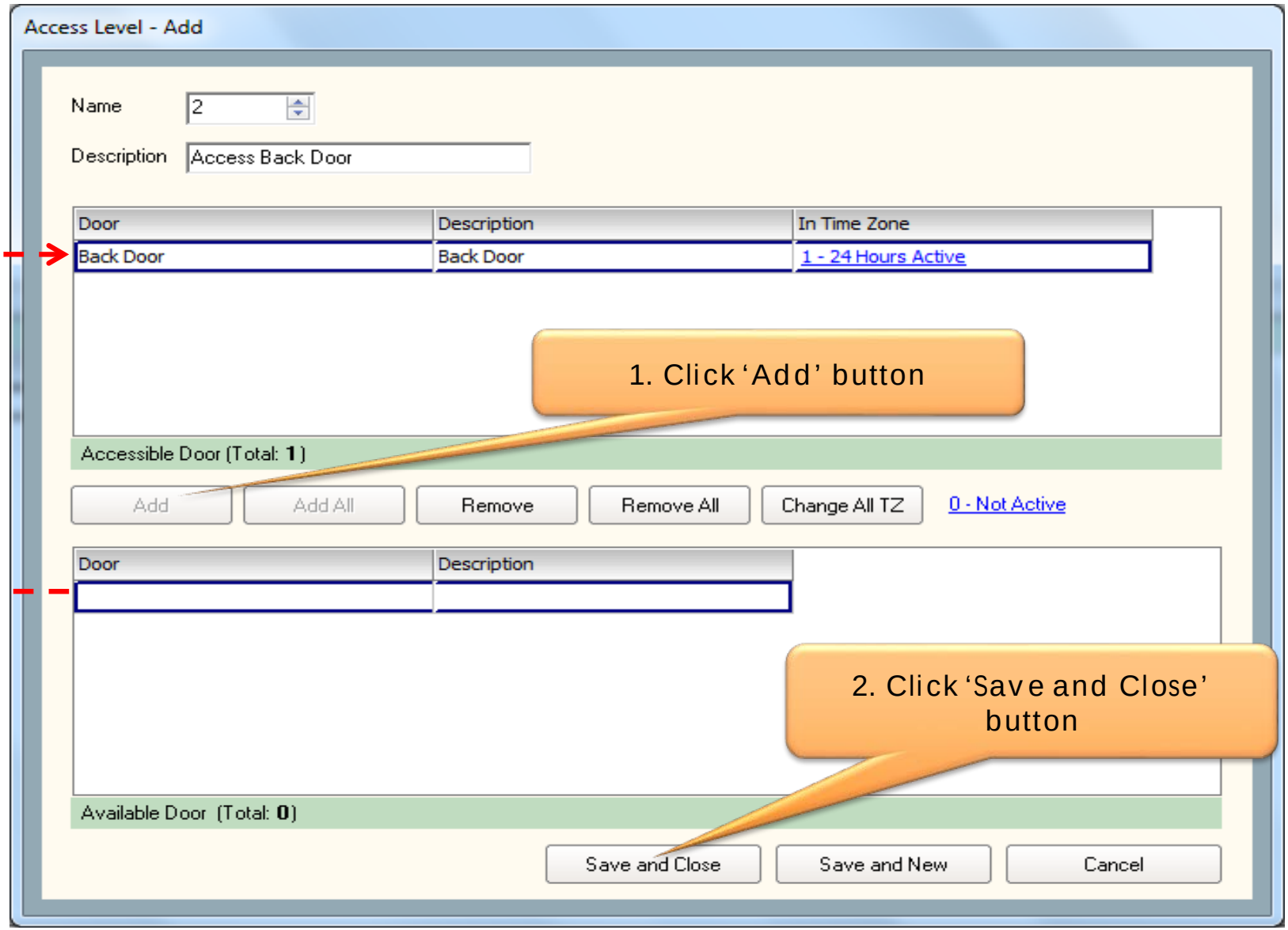

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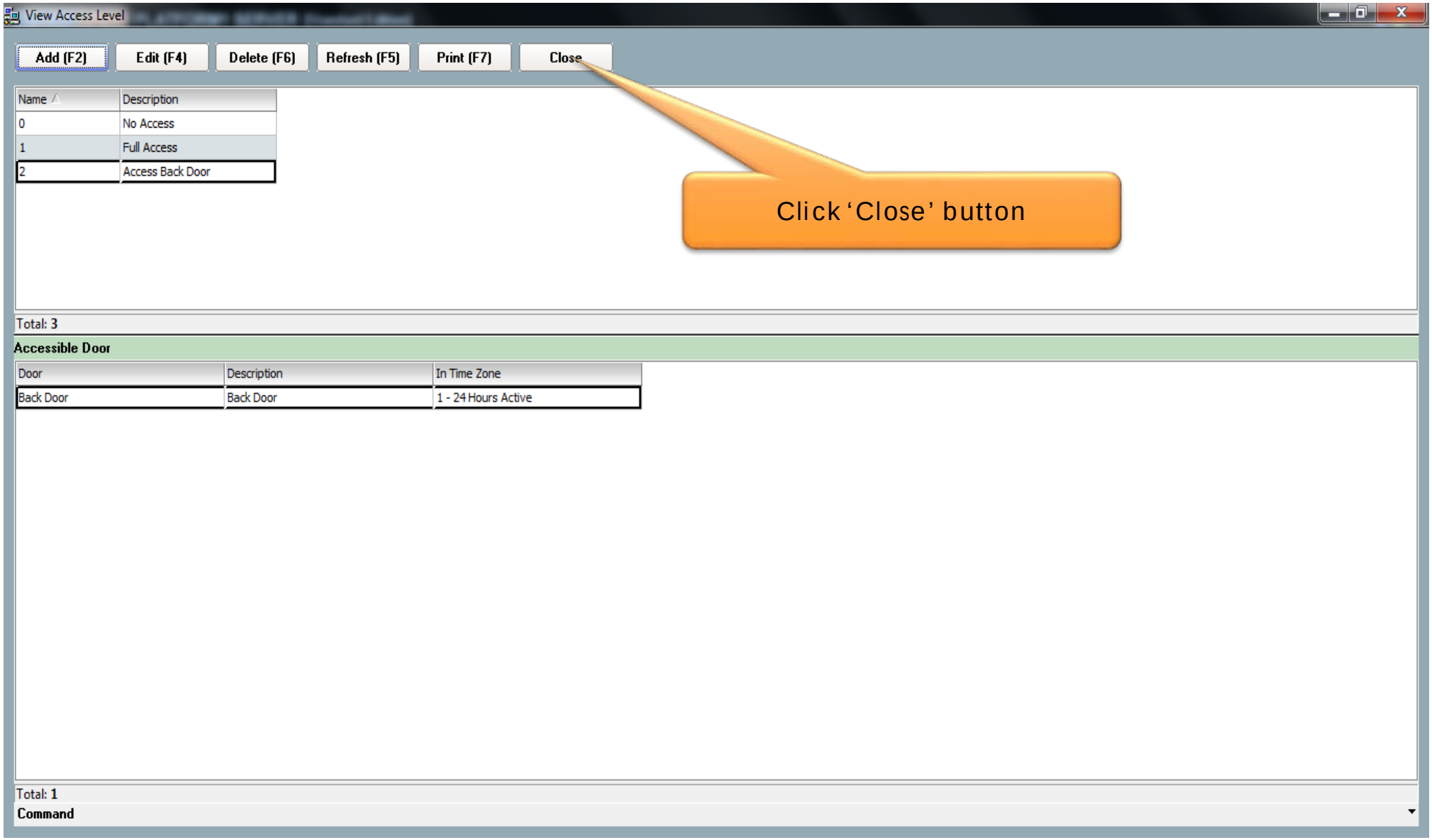

Notes: Maximum access level that you can create is 255 sets.

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Create Access Group

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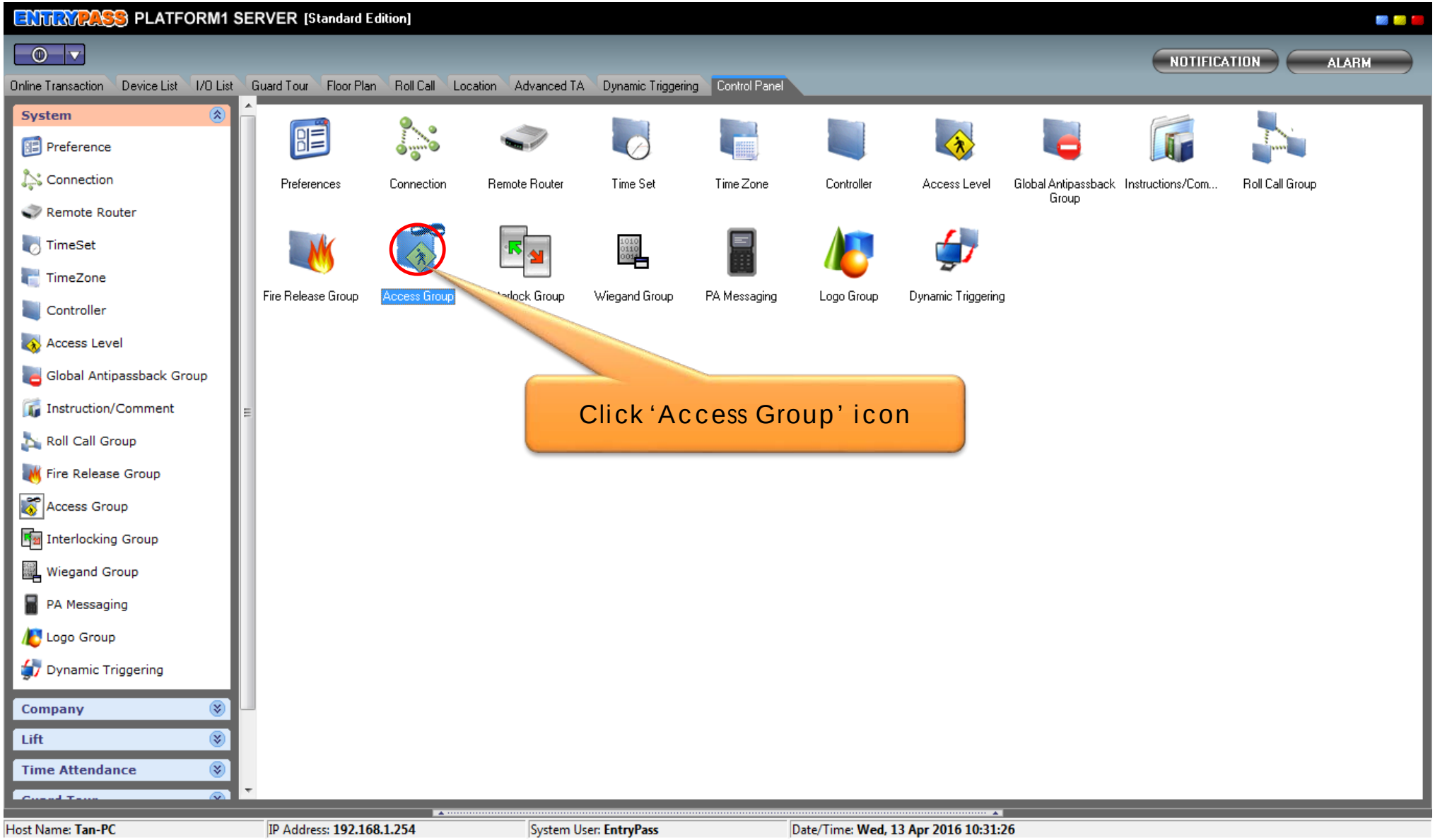

Notes: The following controllers support access group: Controller model: **S3200, S3400, N5200, N5400, N-MINI 2**

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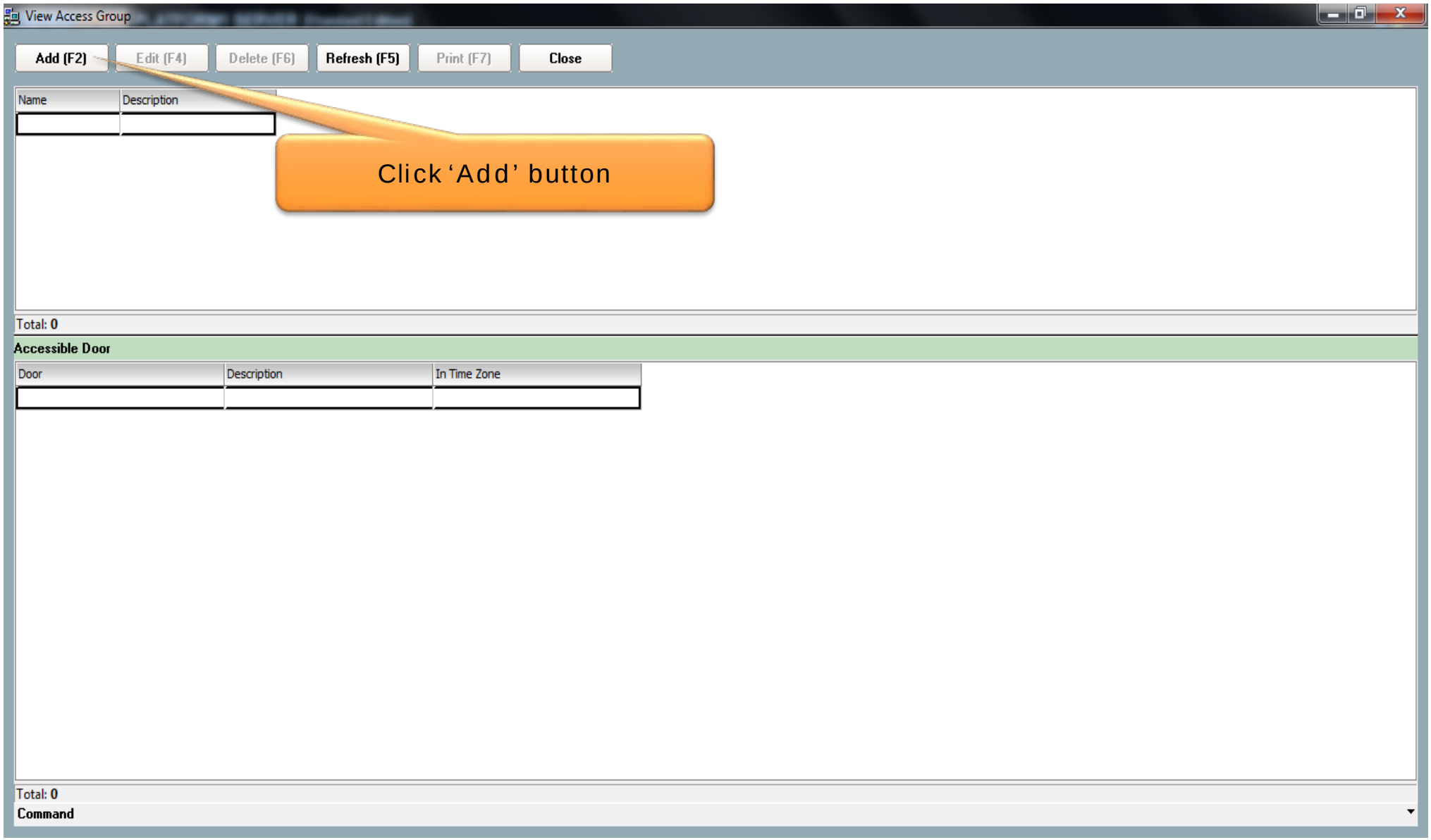

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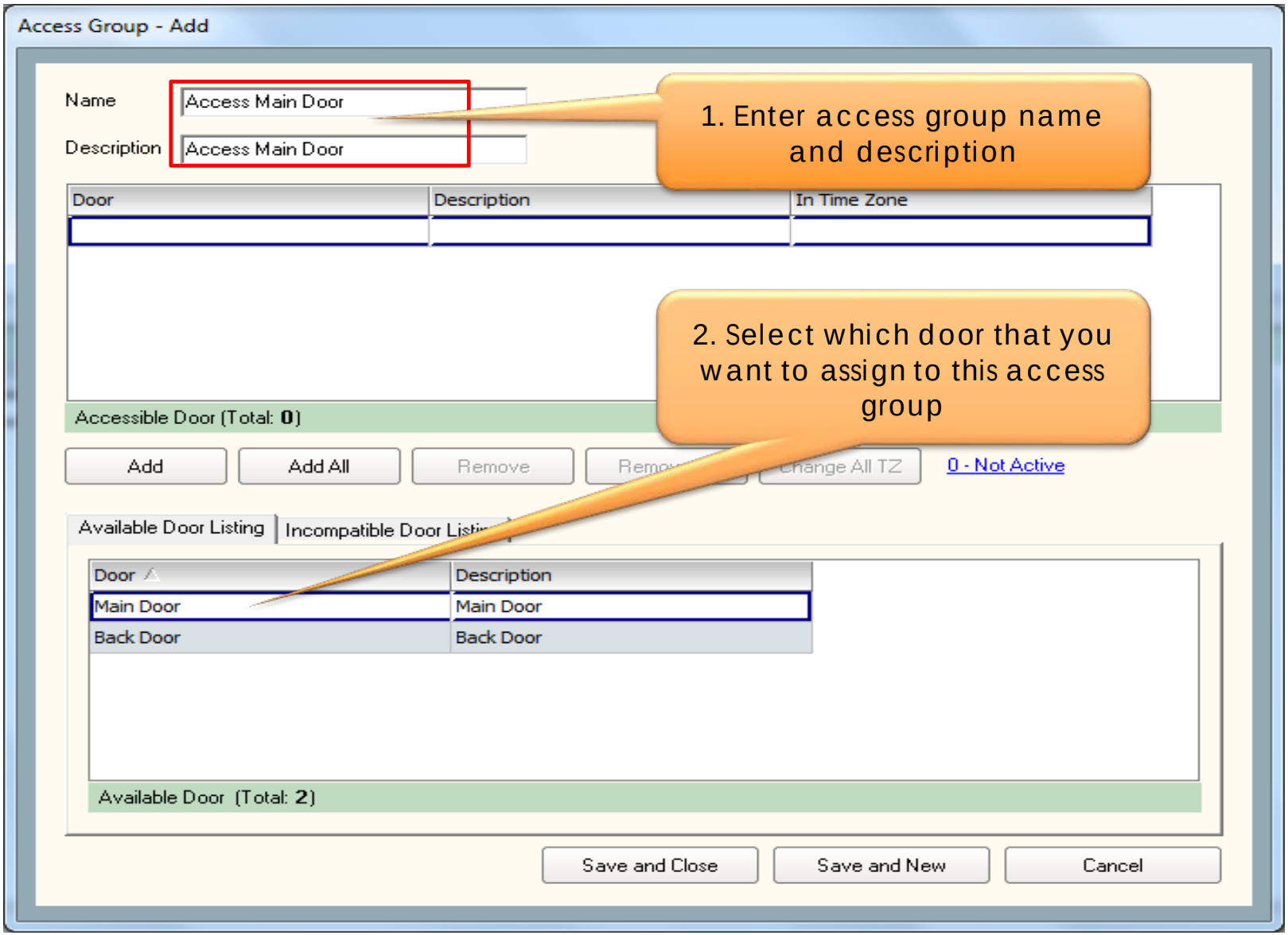

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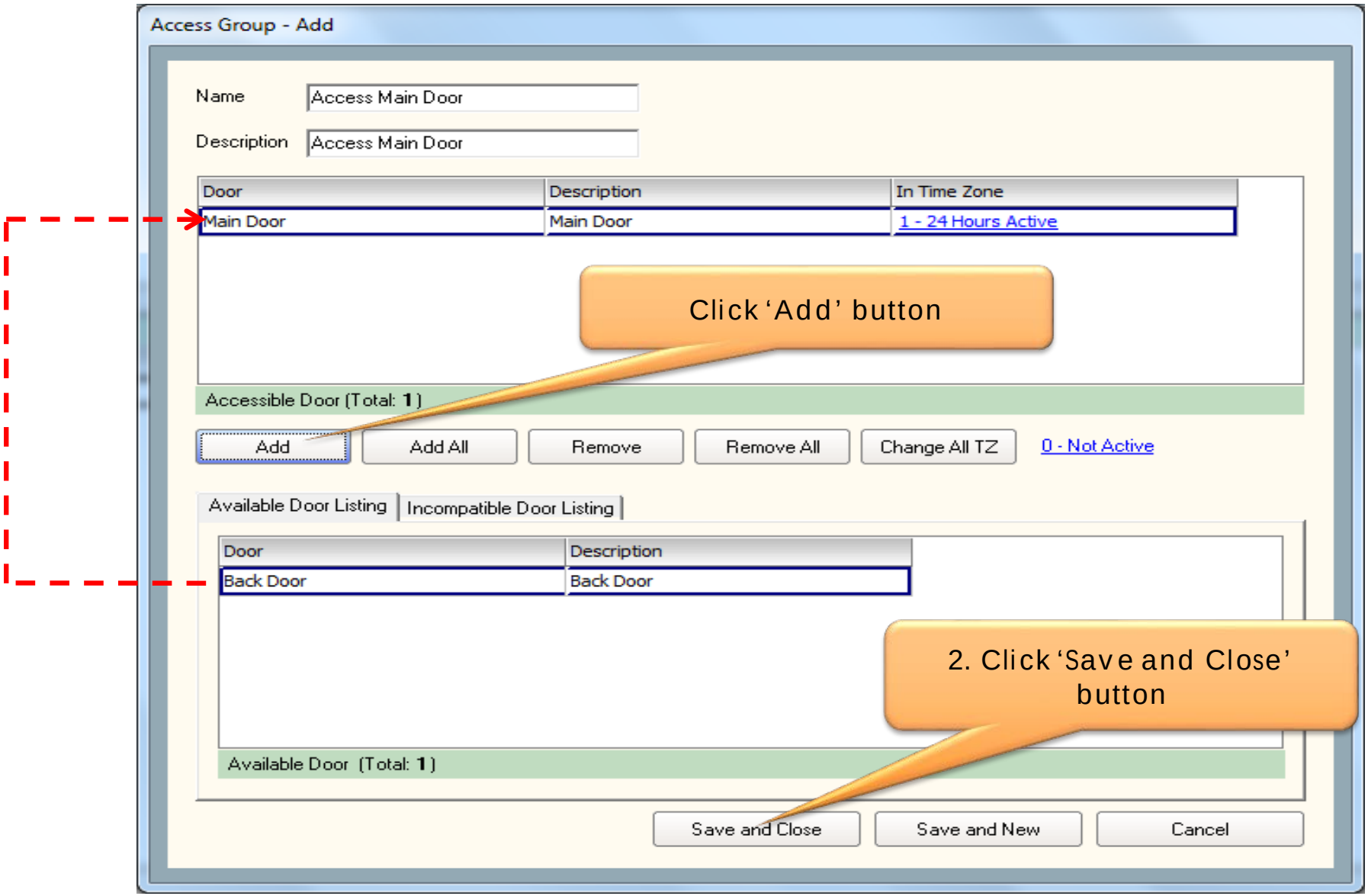

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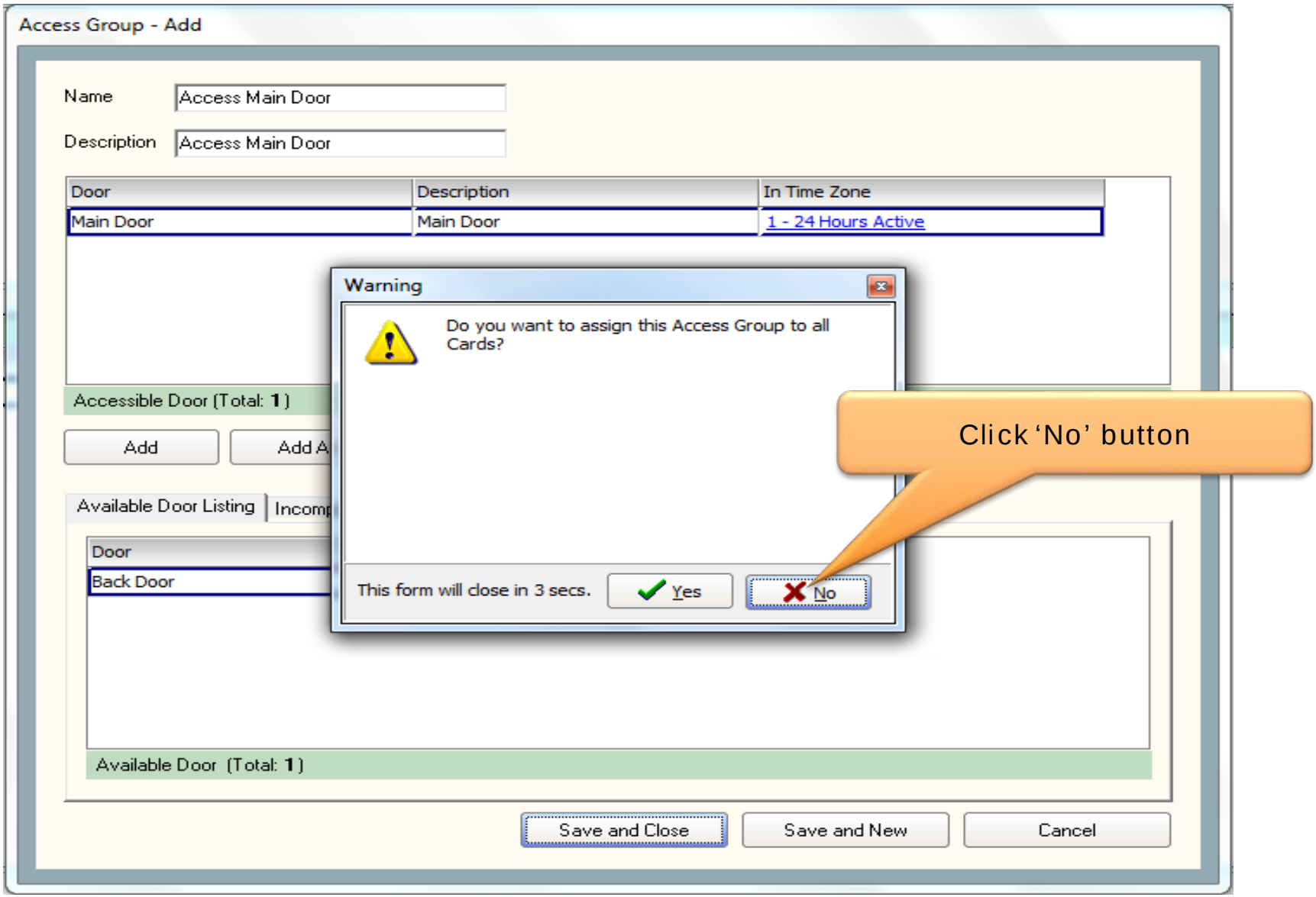

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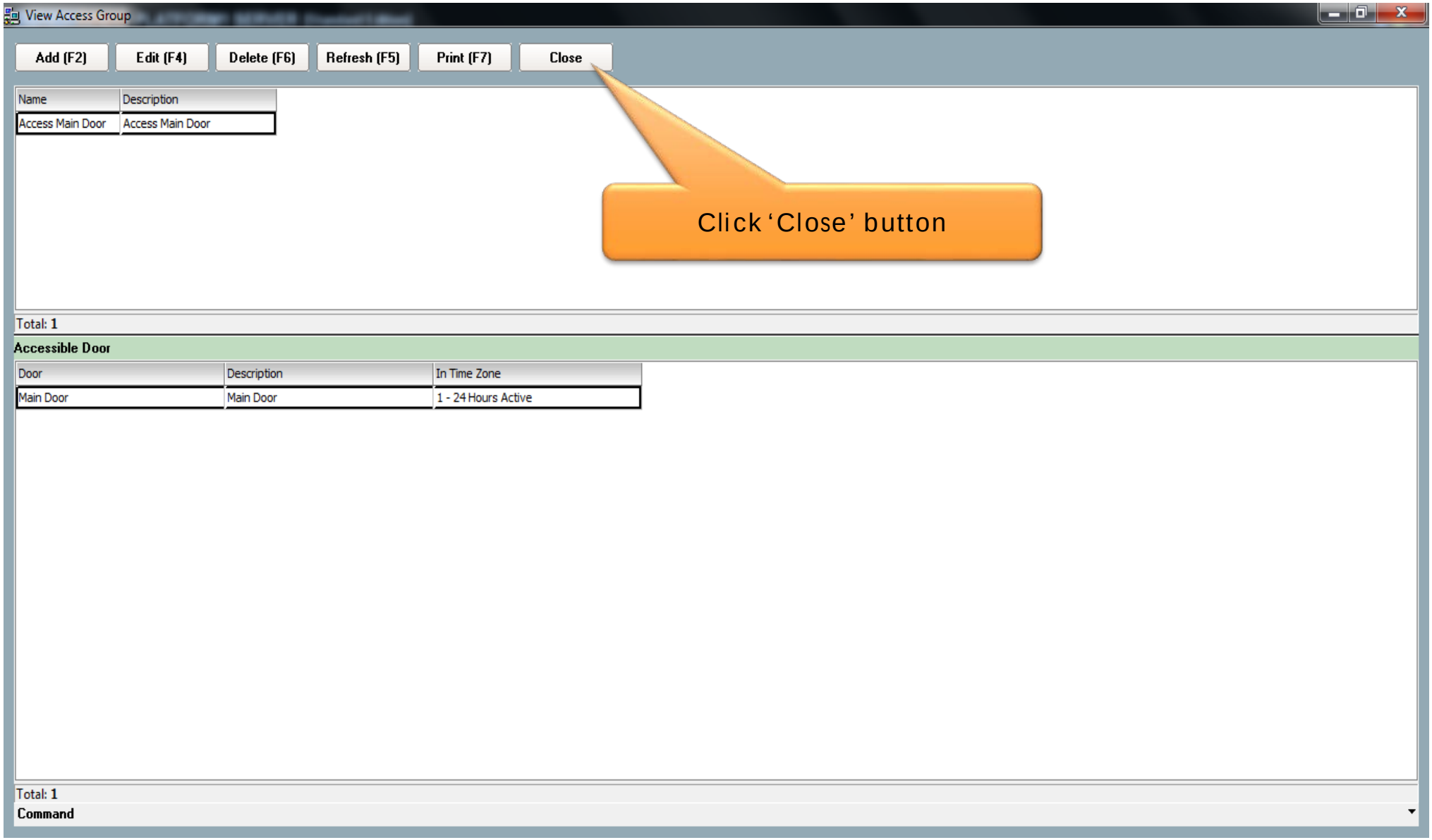

Notes: You can create unlimited access group.

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How To Create Staff And Card Data

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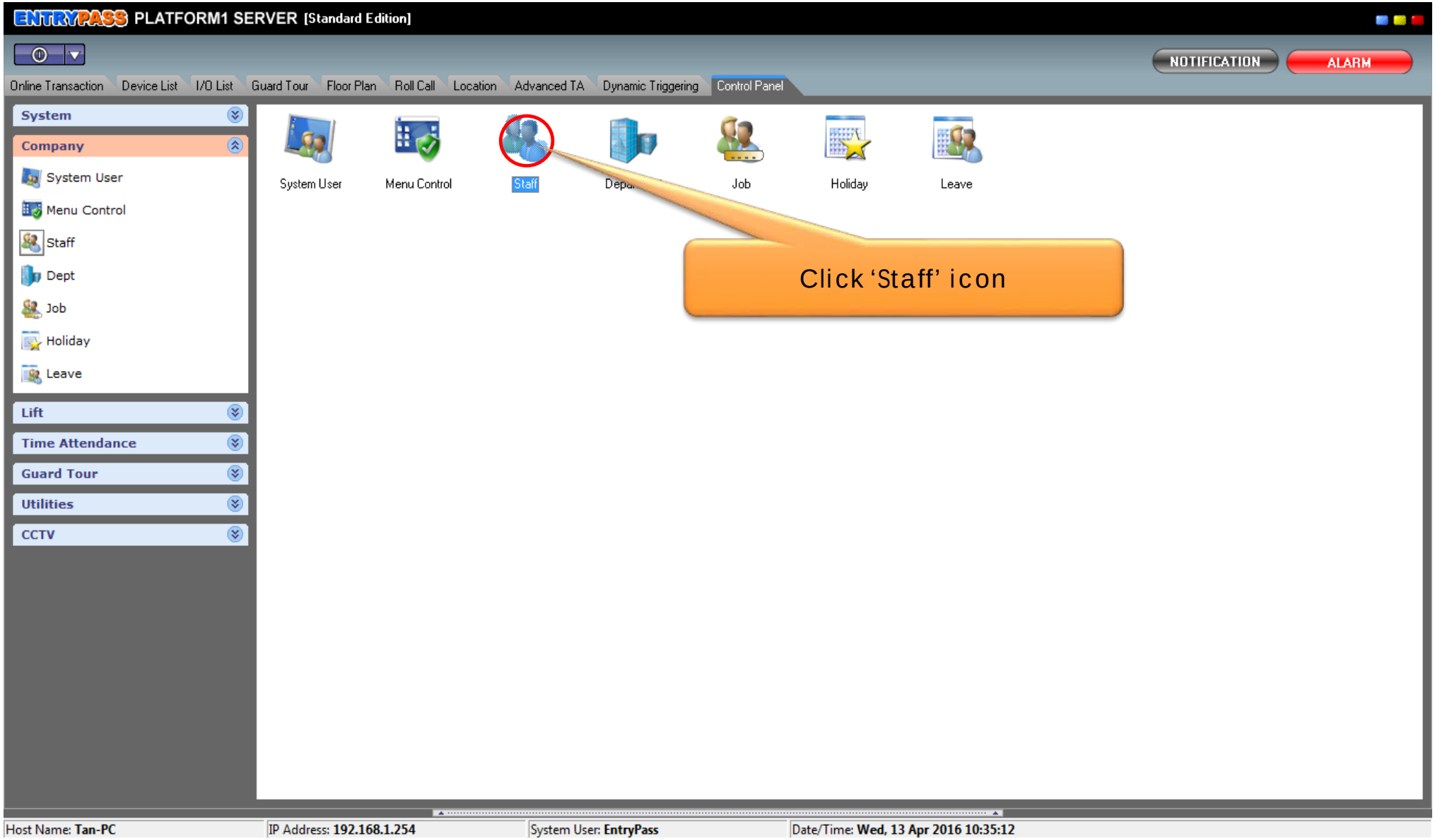

Notes: You can find staff icon under 'Control Panel' → 'Company' tab.

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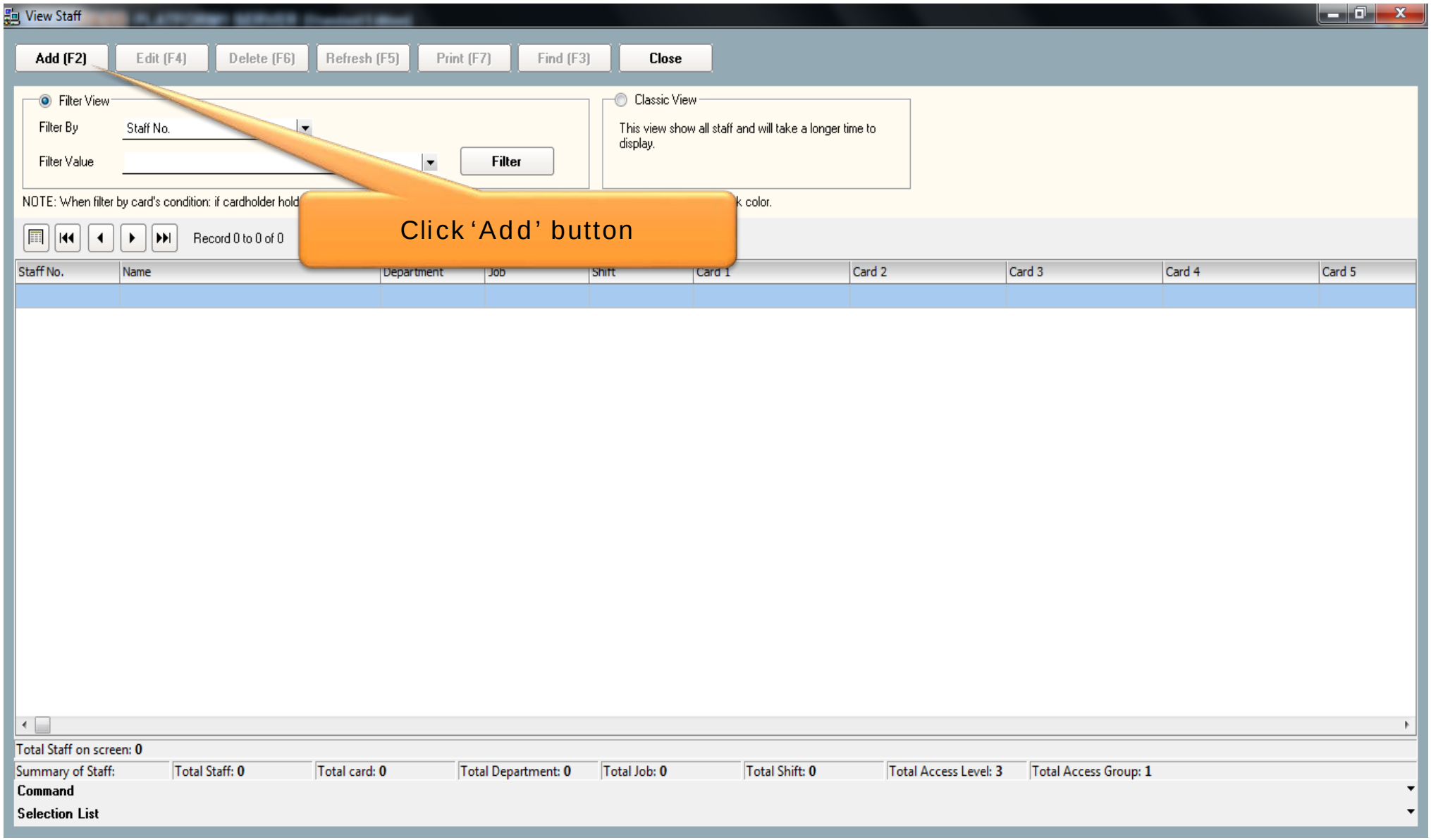

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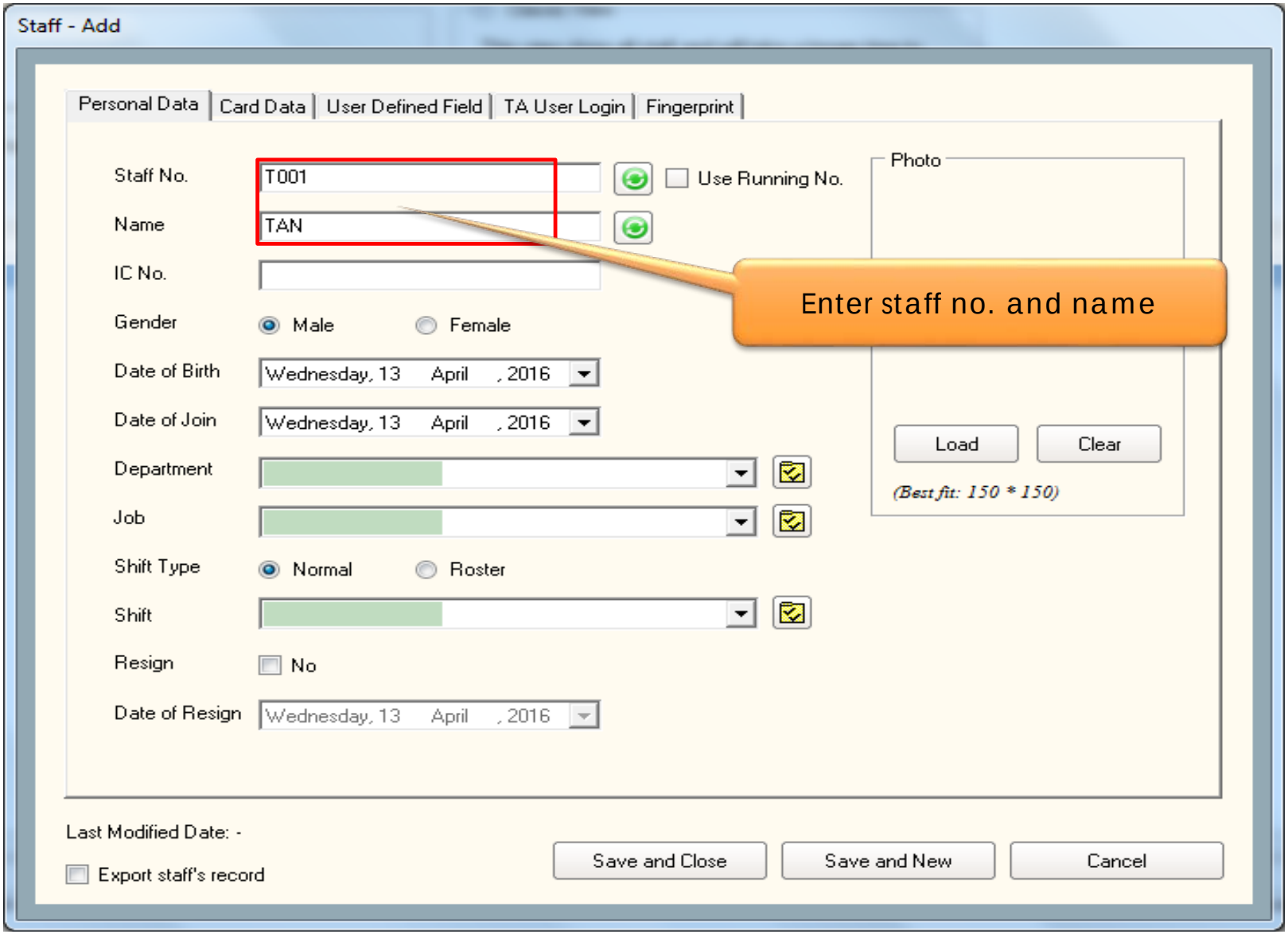

Notes: Staff No. cannot support the following symbols:

(i) ‘ (Apostrophe)
(ii) “ (Quotation)
(iii) ; (Semi Comma)
(iv) – (Hyphen)

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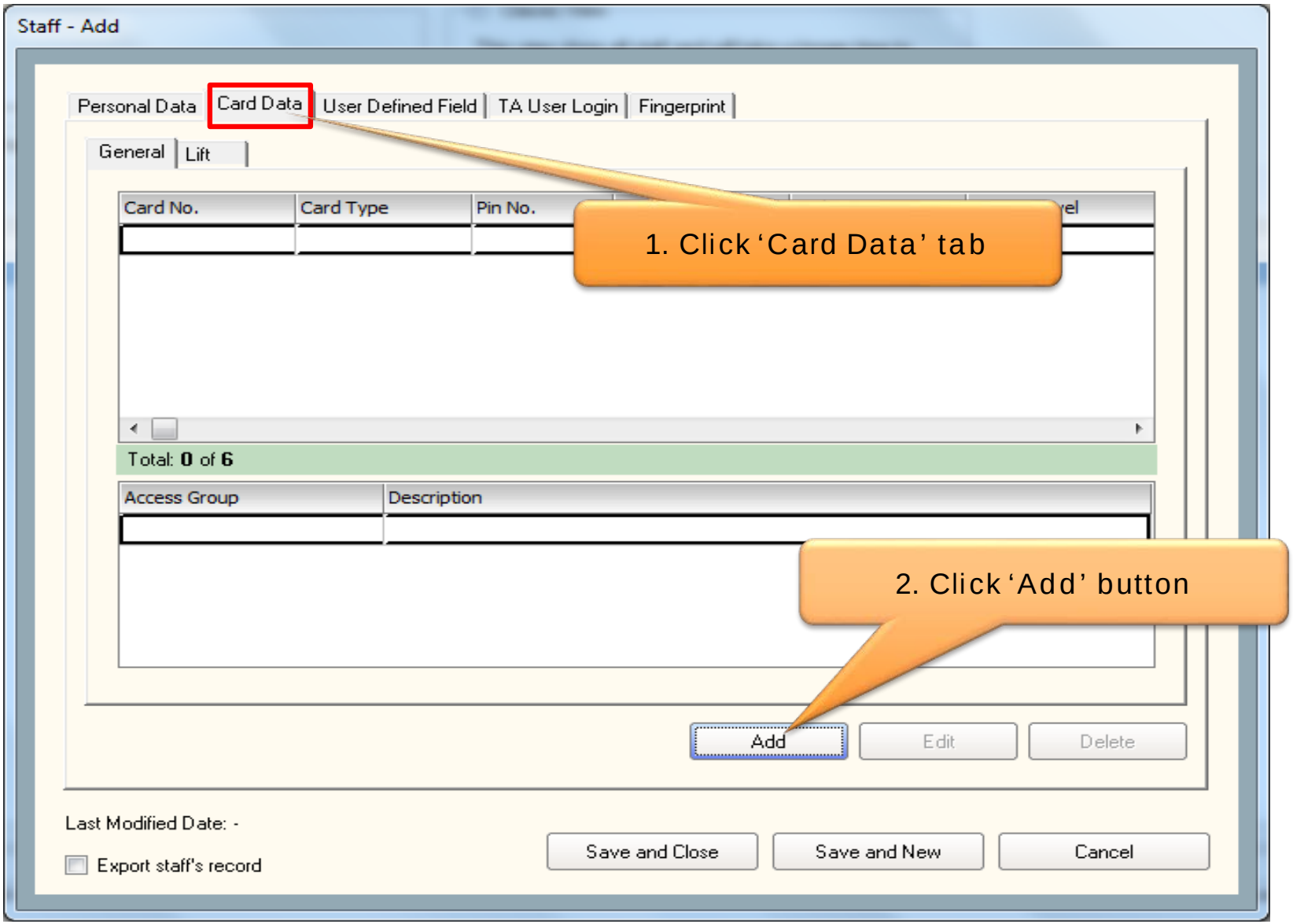

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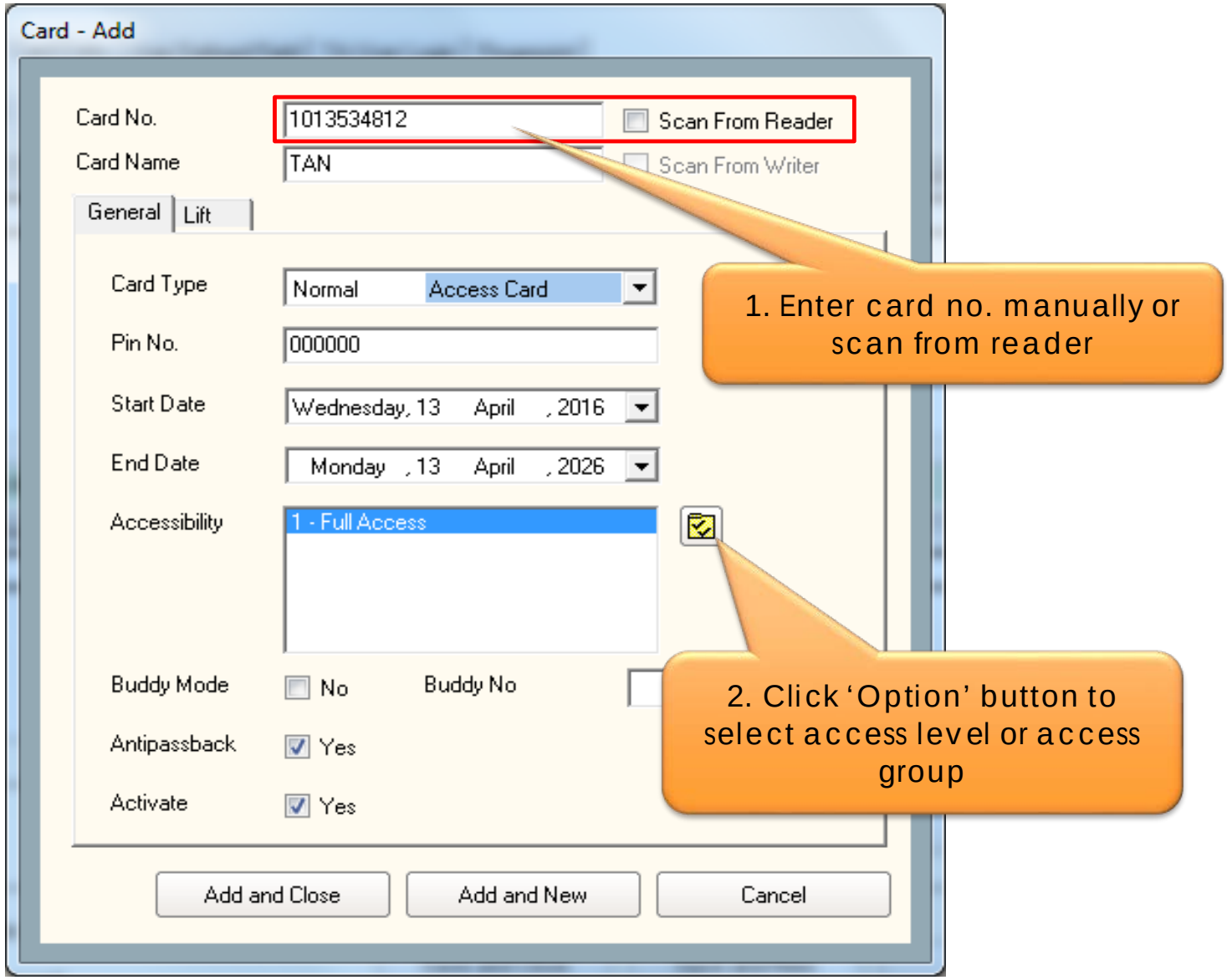

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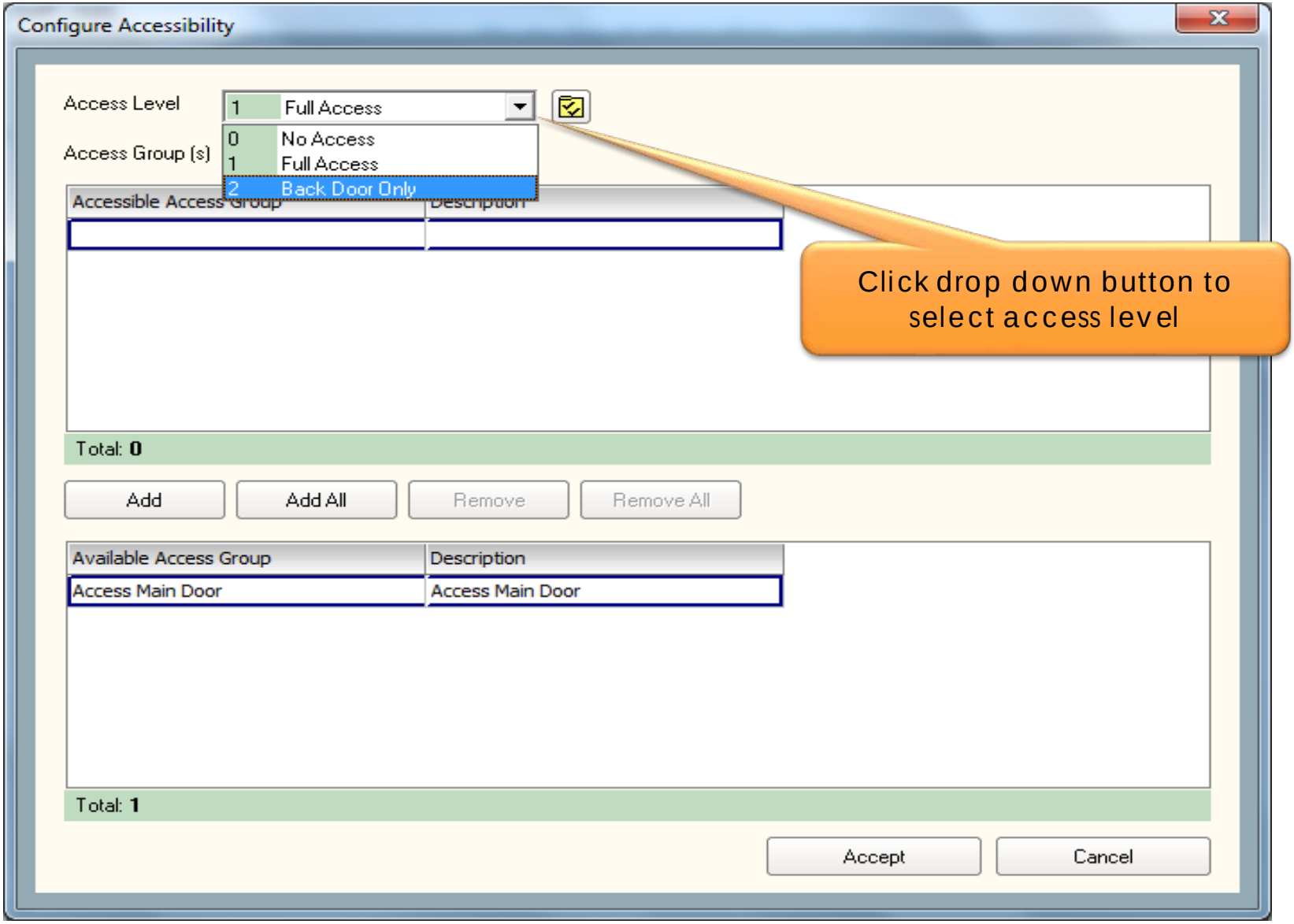

Notes: The following controllers support **Access Level**: Controller model: **MINI, NMINI, S3150, N5150**

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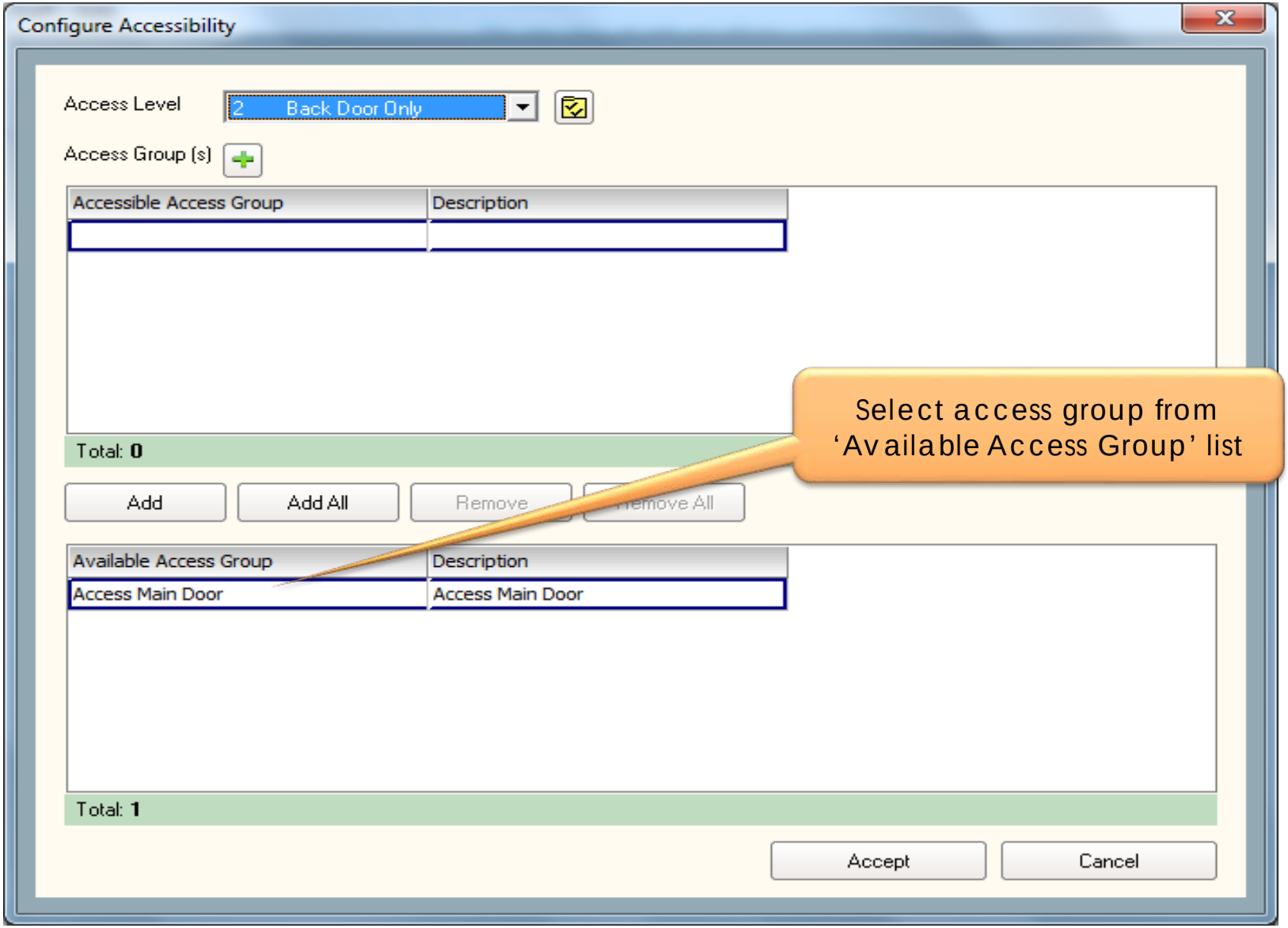

Notes: The following controllers support **Access Group**: Controller model: **S3200, S3400, N5200, N5400, N-MINI 2**

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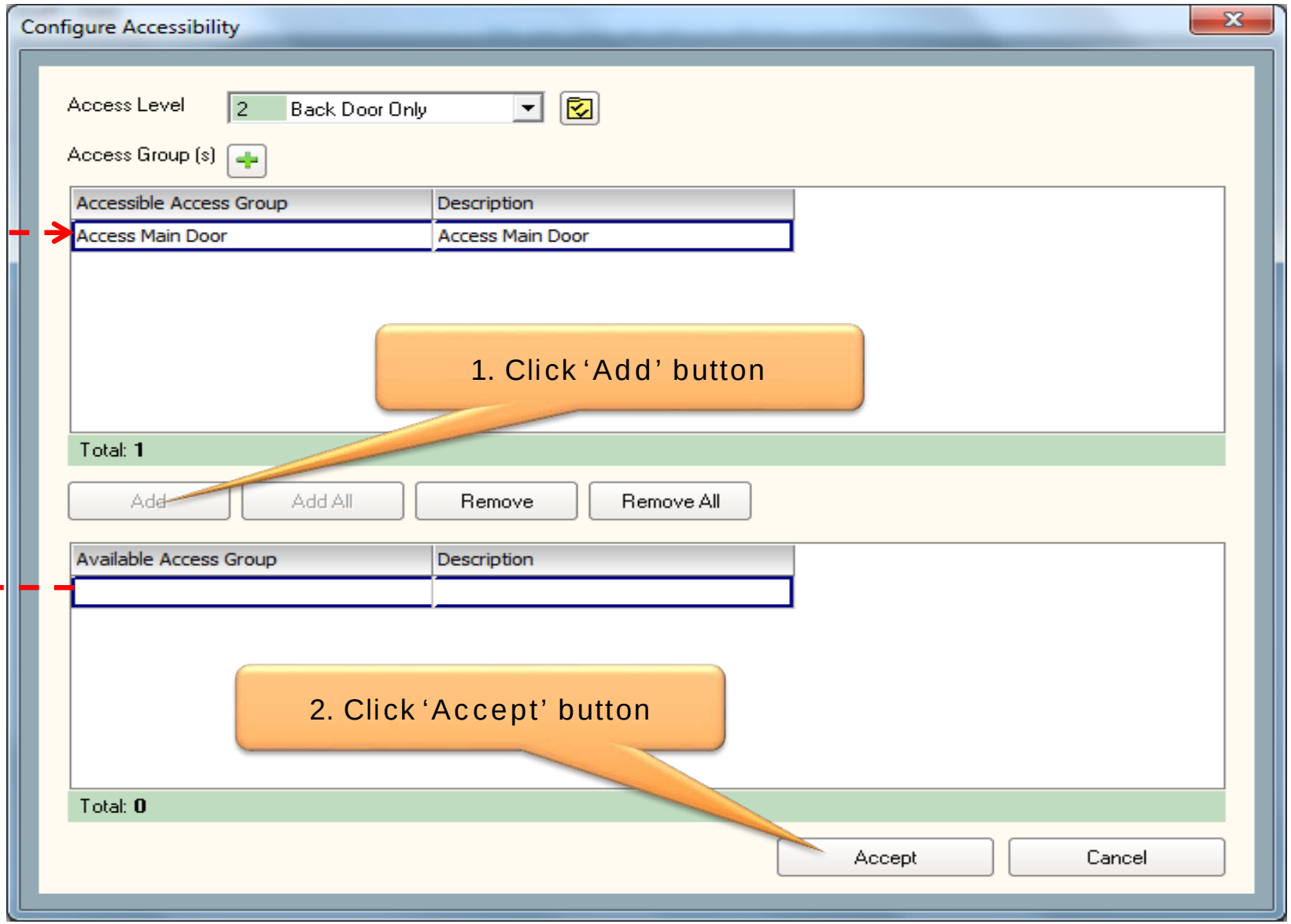

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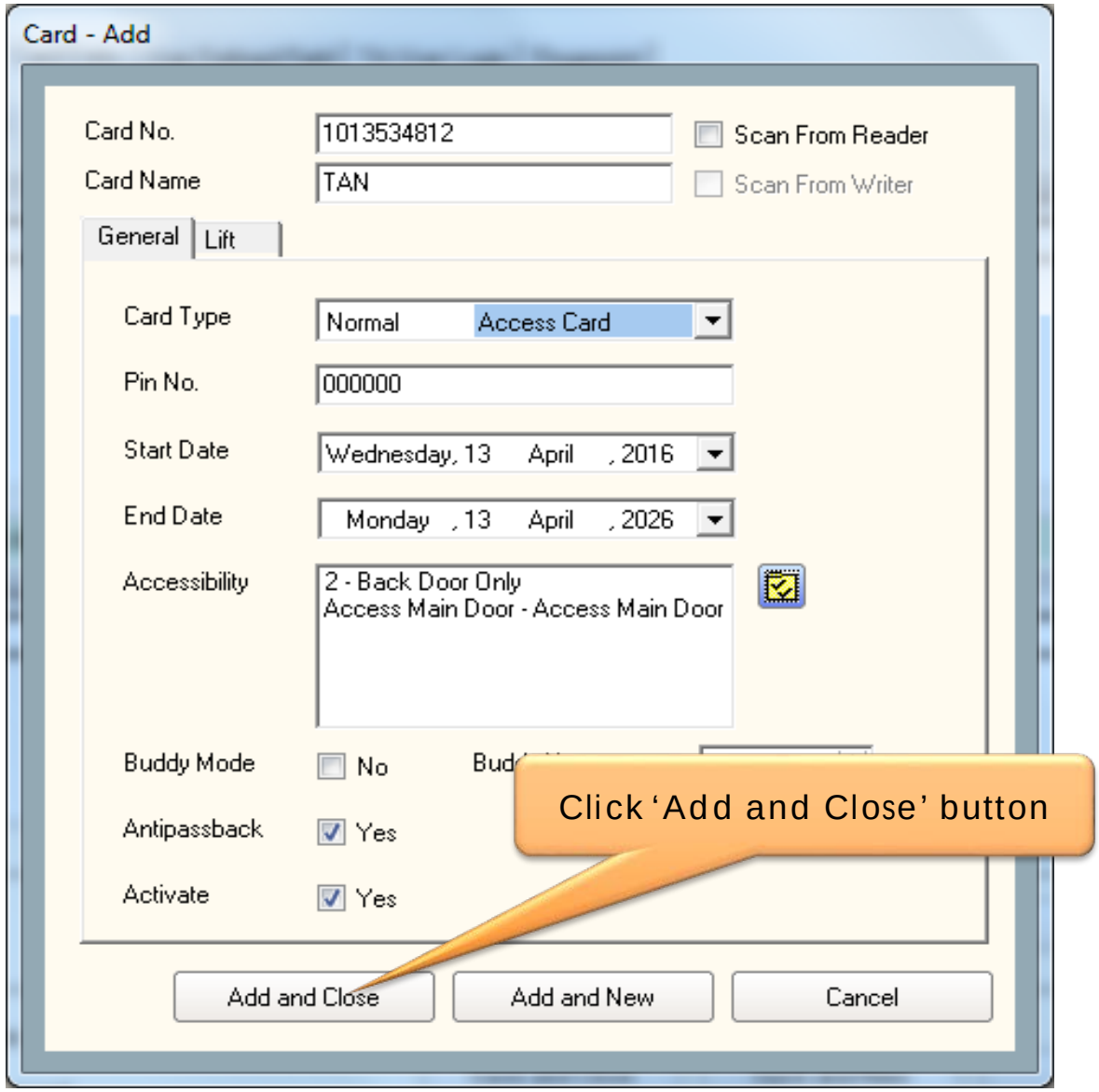

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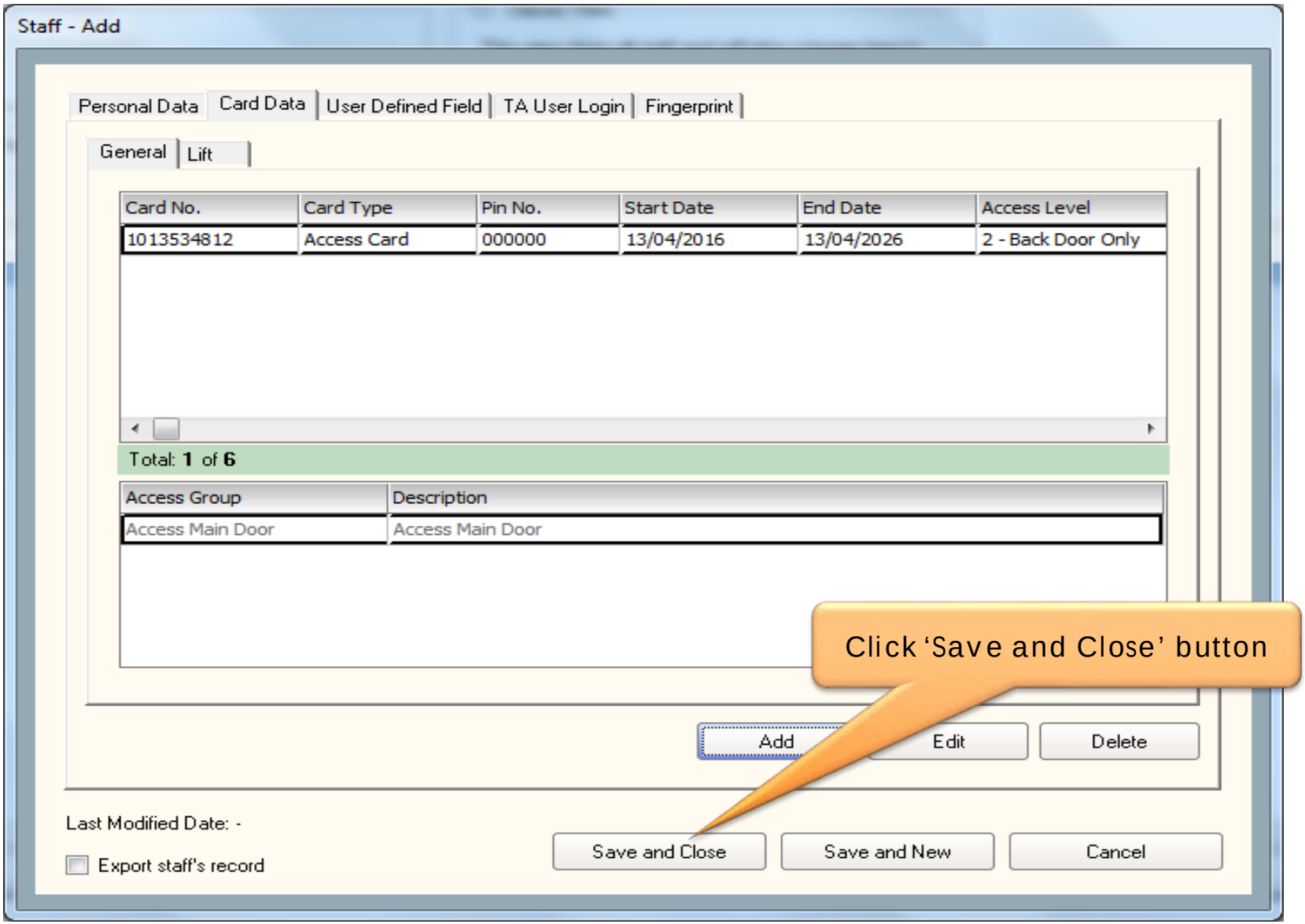

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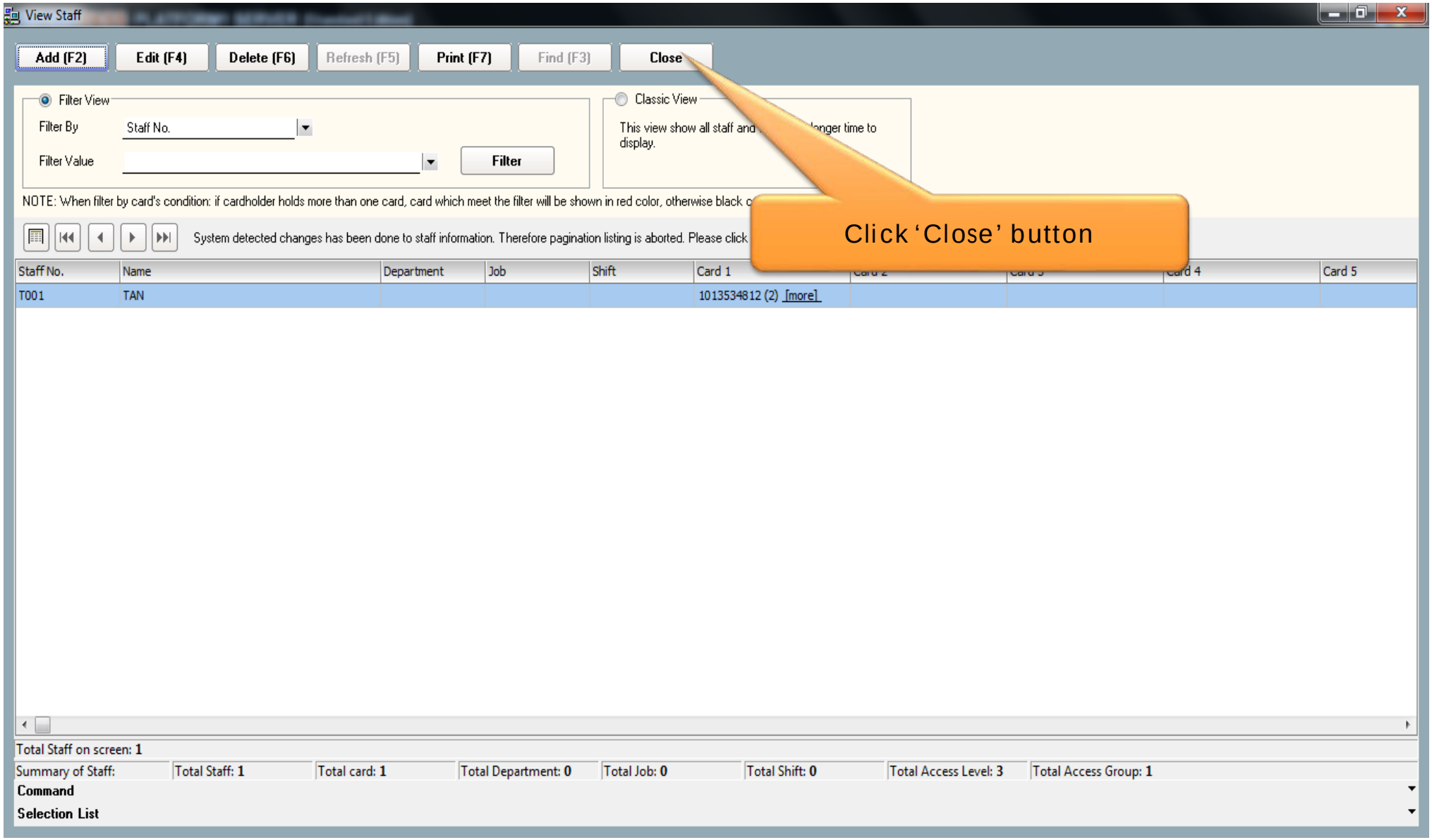

Notes: After you've saved the card data, P1 Server will automatic send the card data to **Hardware** according to access level or access group that you assigned.

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Create Local Antipassback

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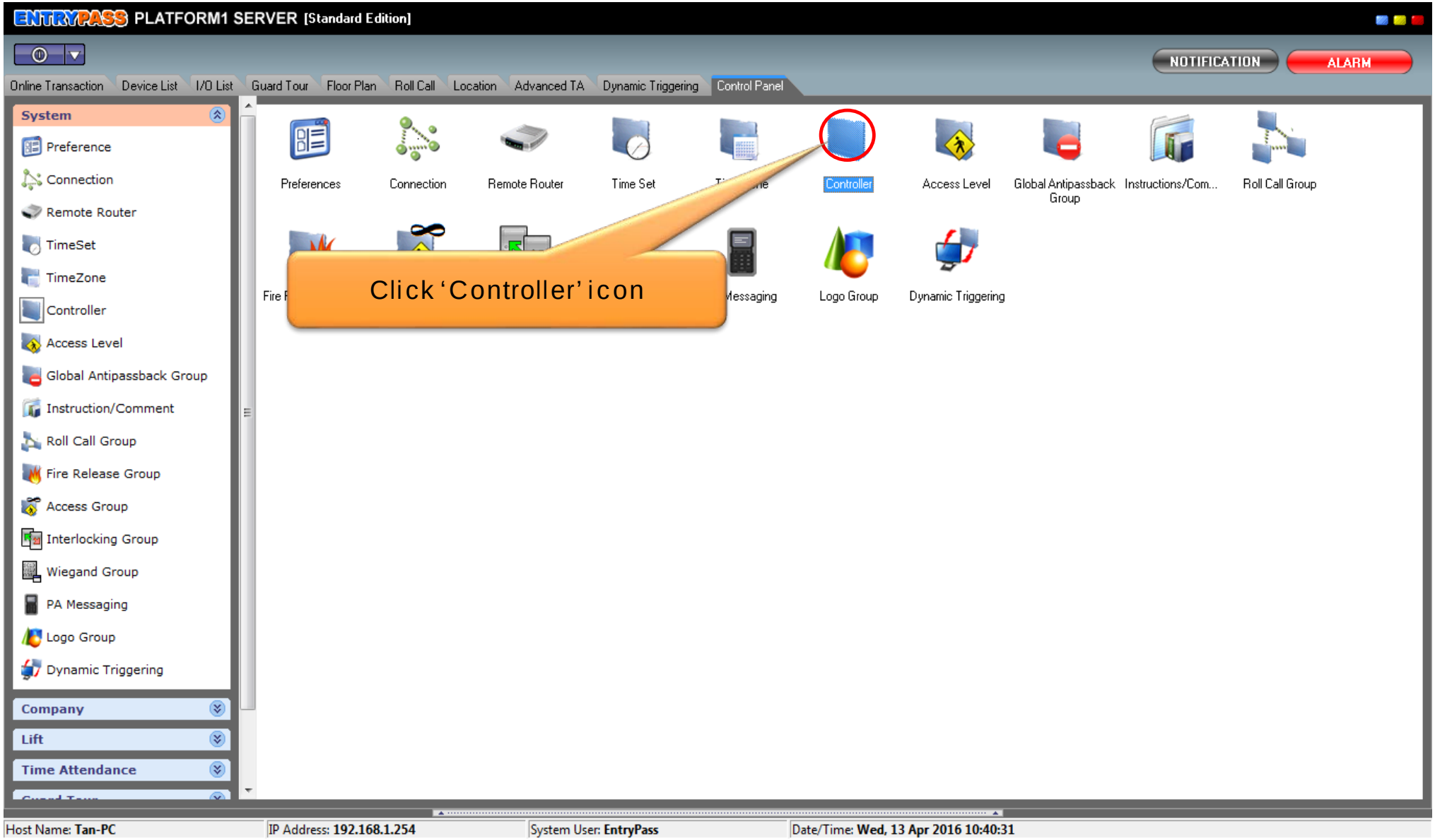

Notes: You can find controller icon under 'Control Panel' → 'System' tab.

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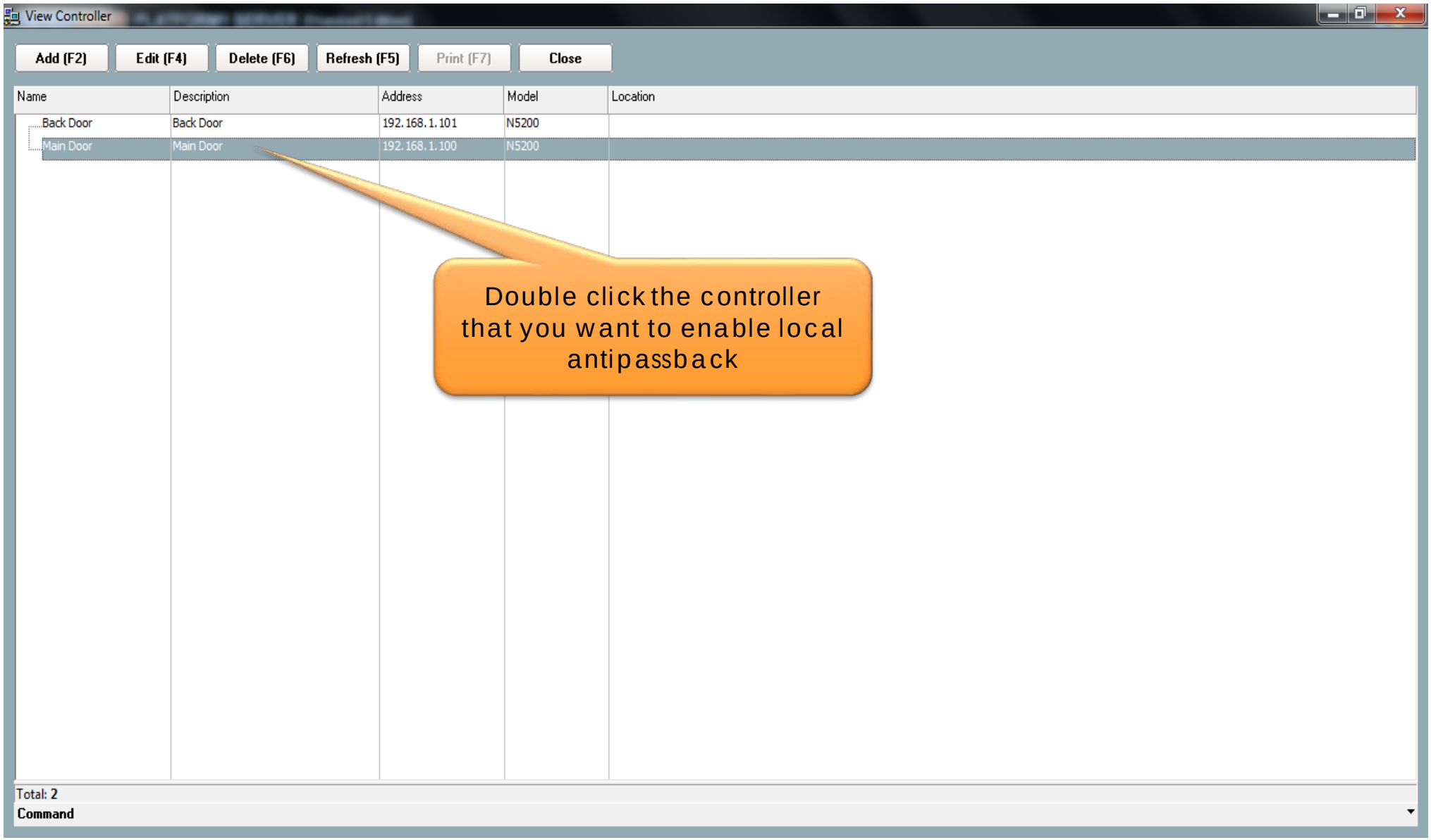

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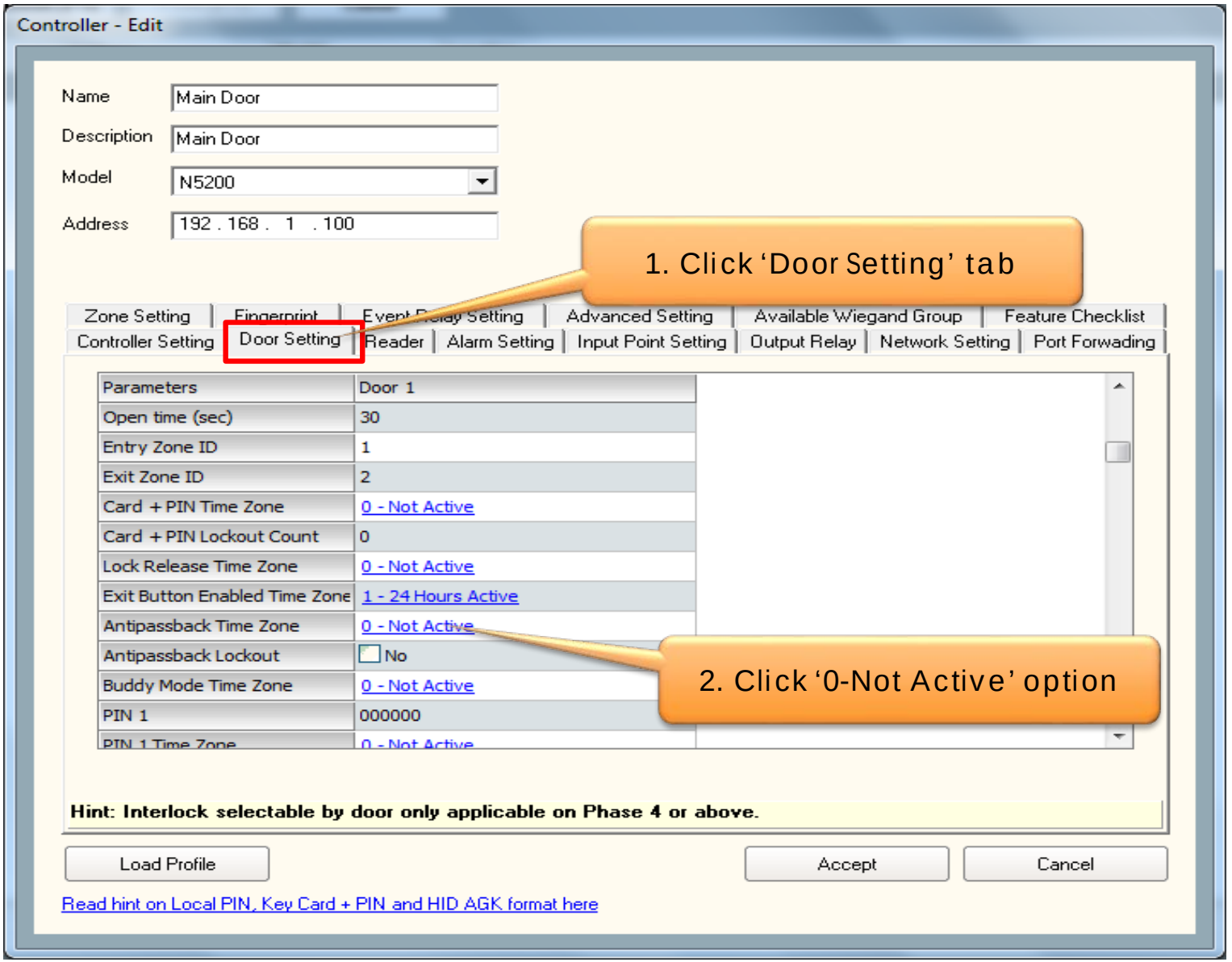

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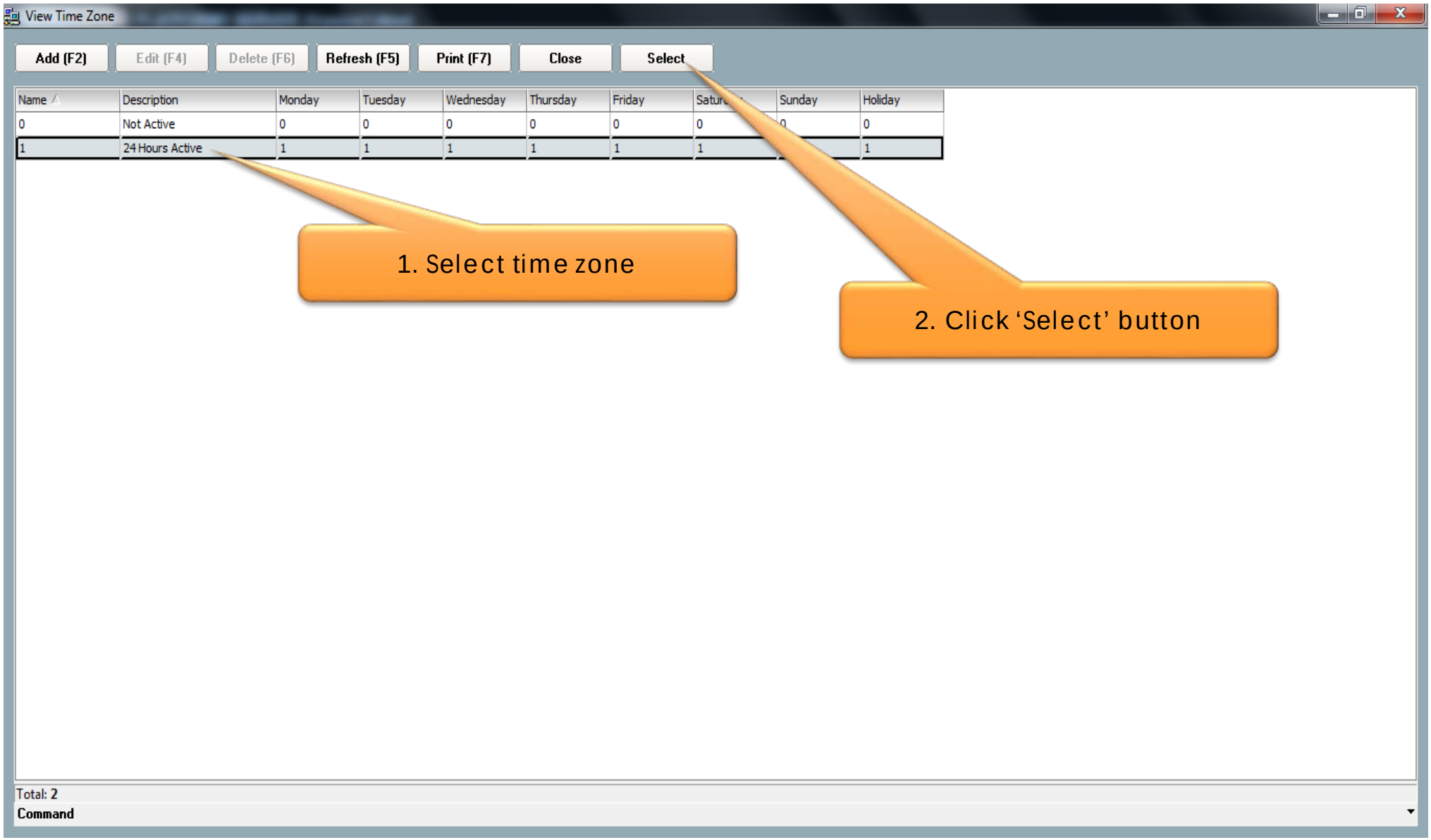

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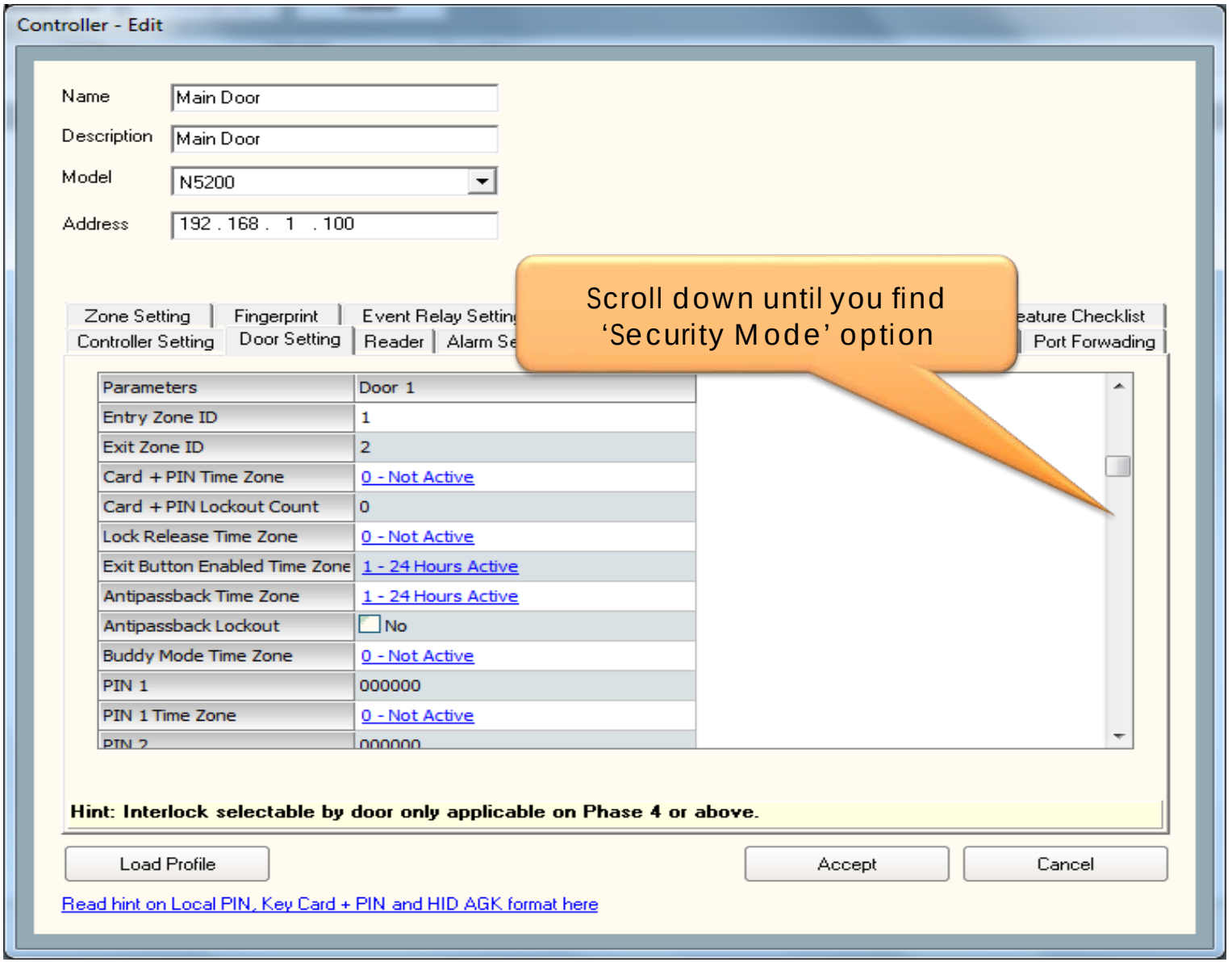

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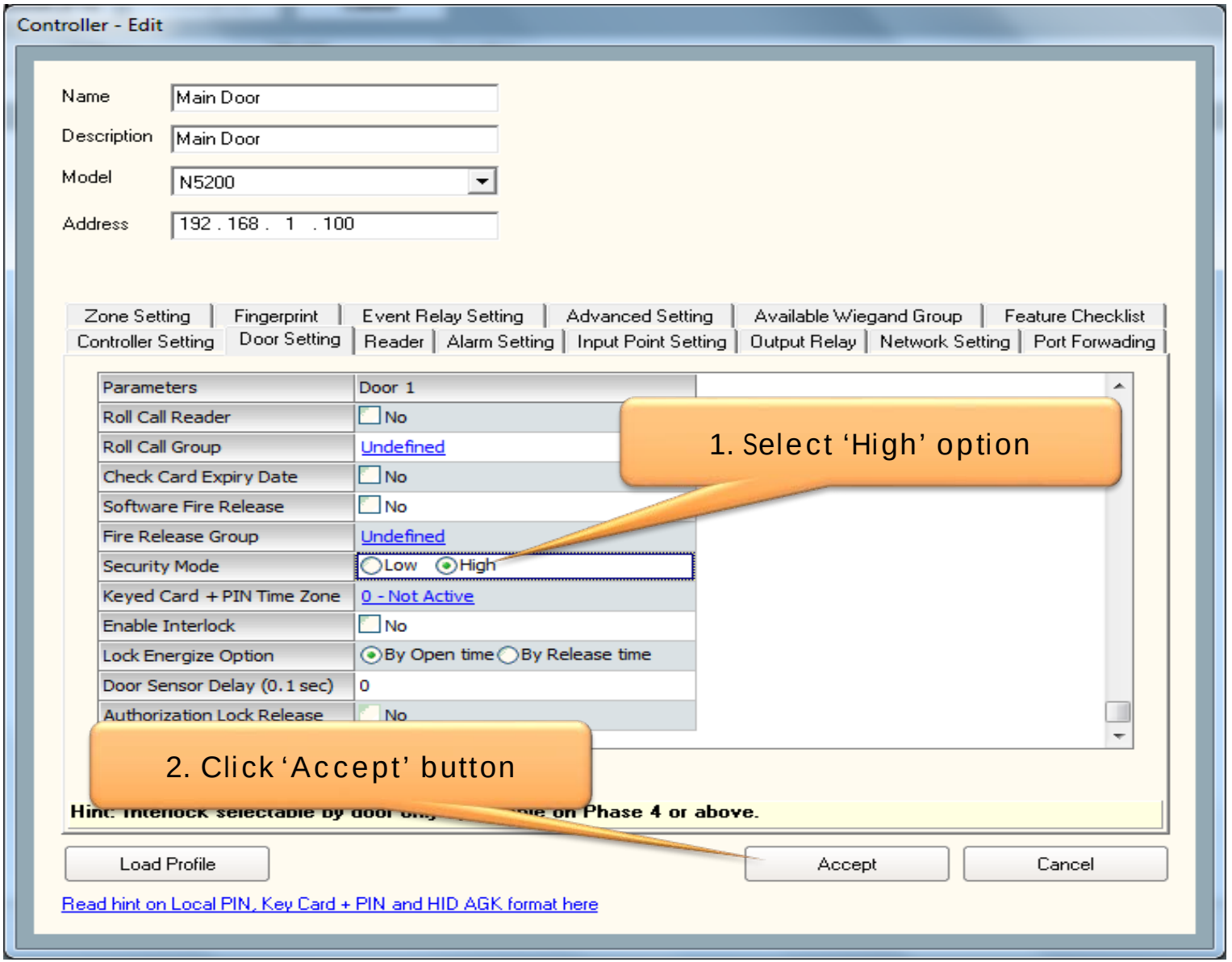

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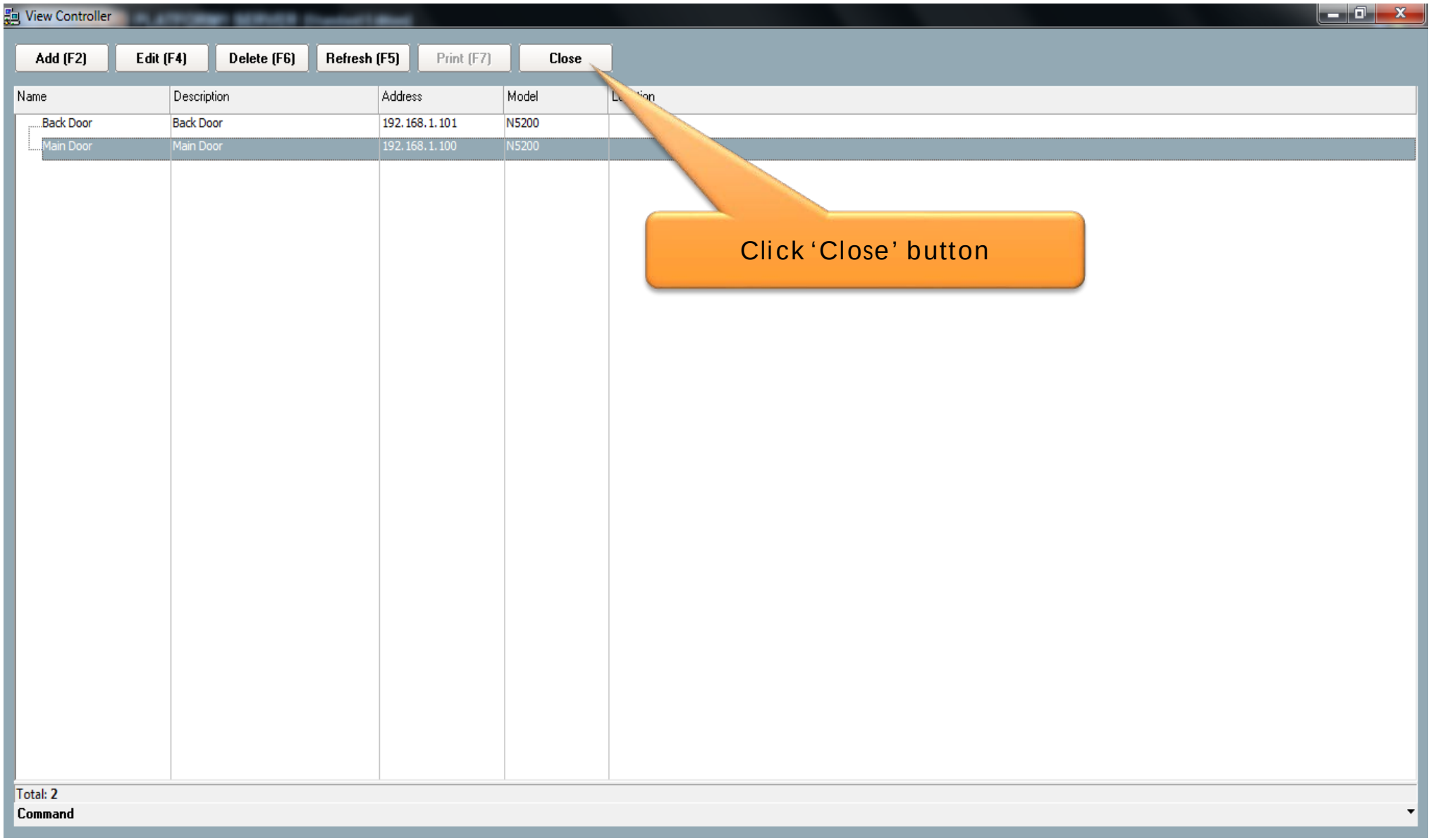

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Create Global Antipassback

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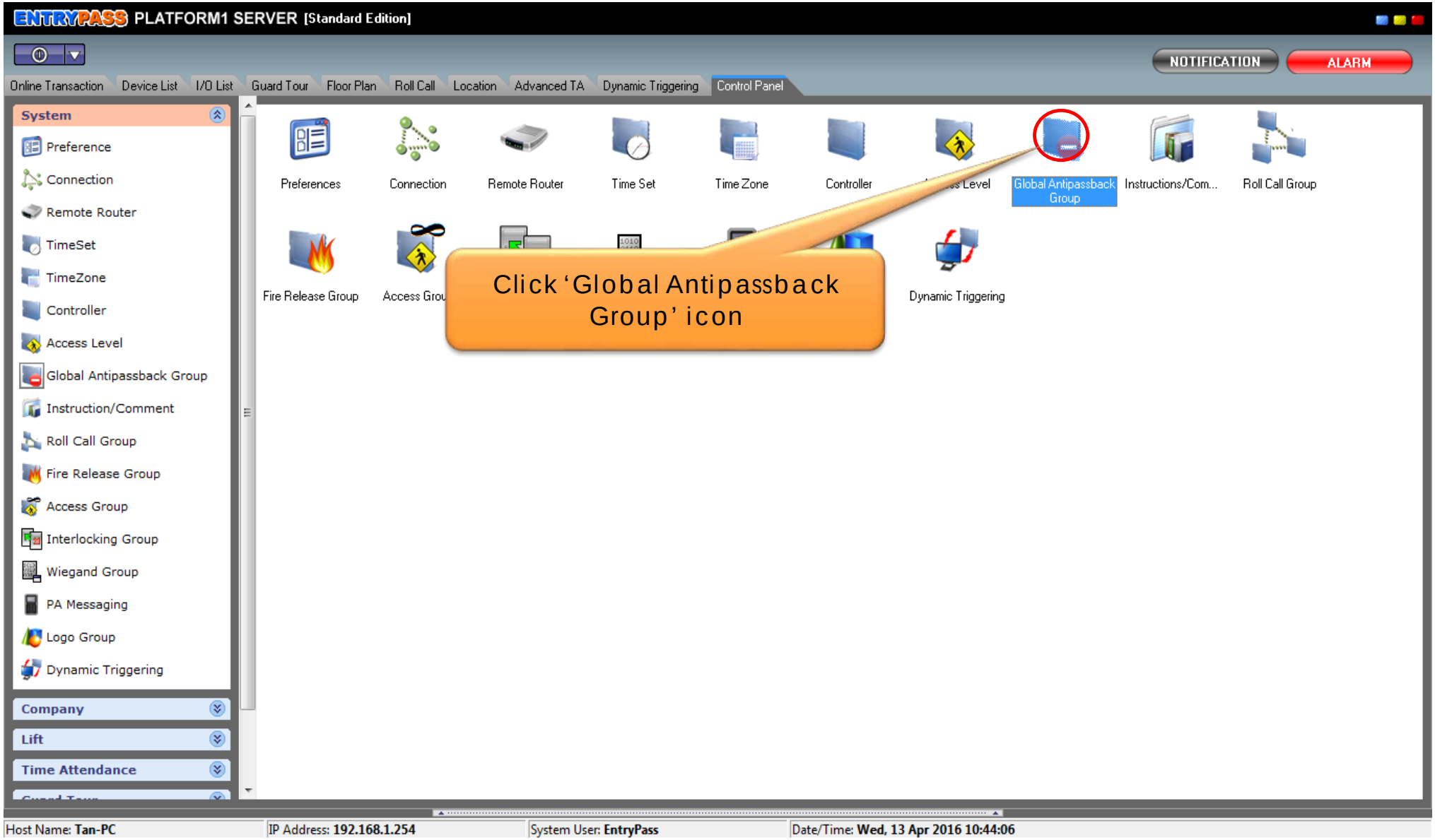

Notes: You can find global antipassback group icon under 'Control Panel' → 'System' tab.

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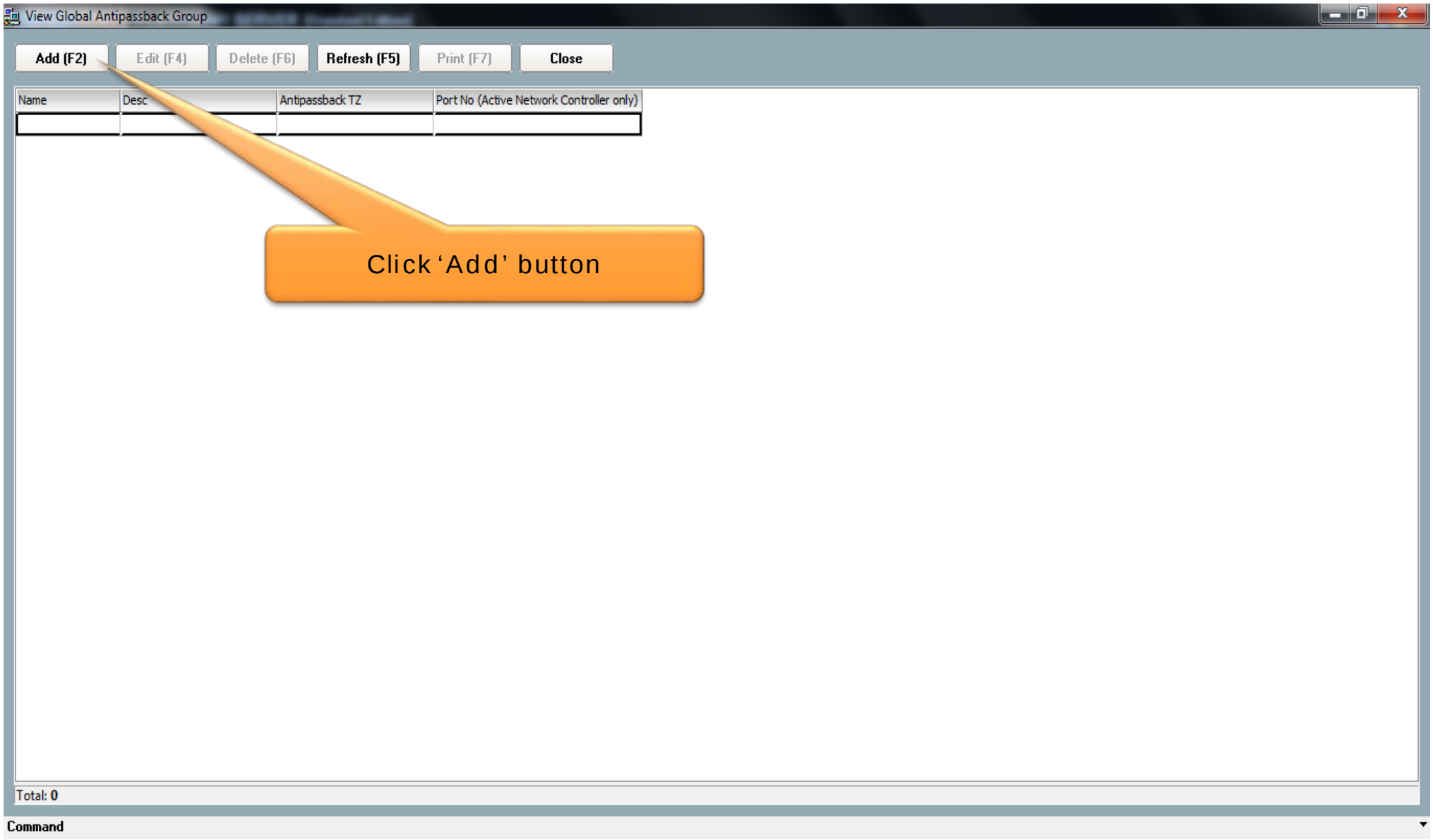

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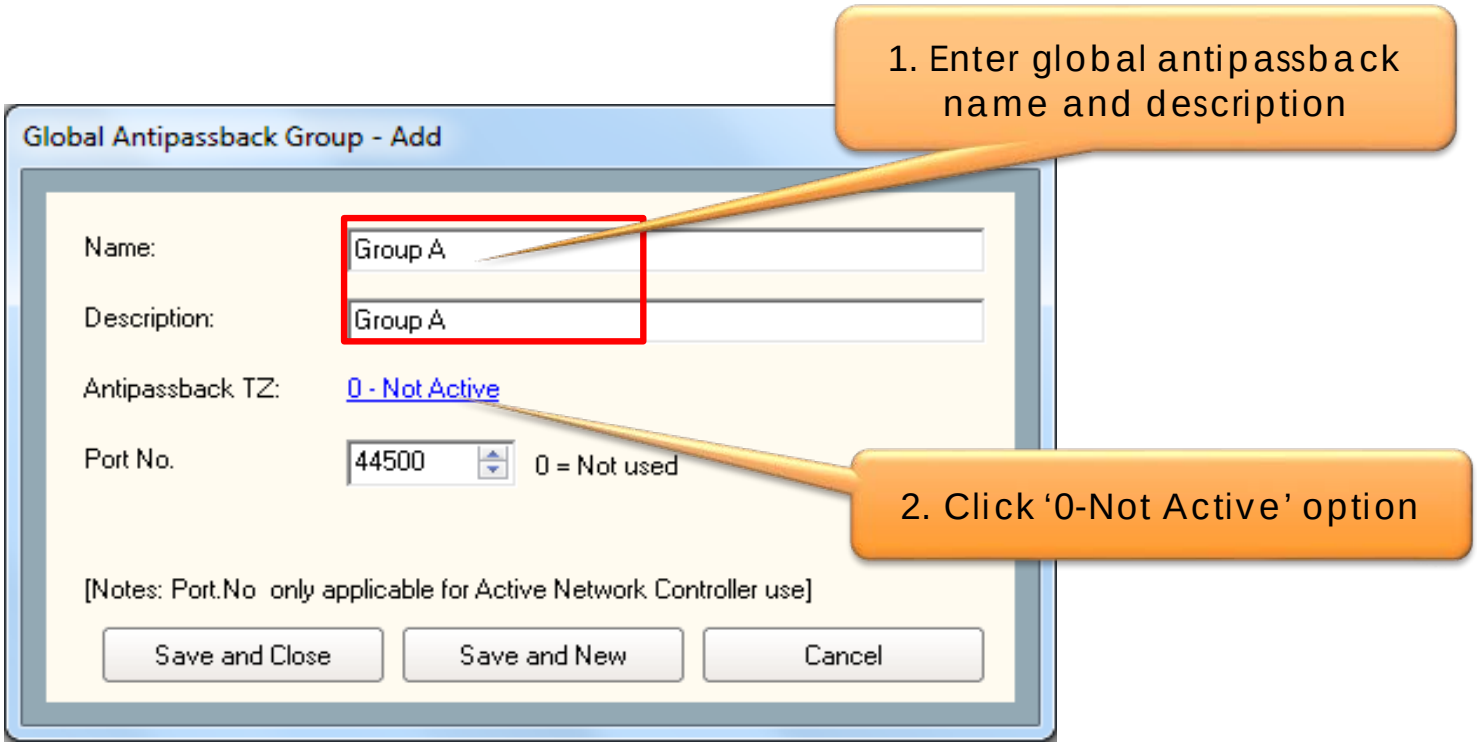

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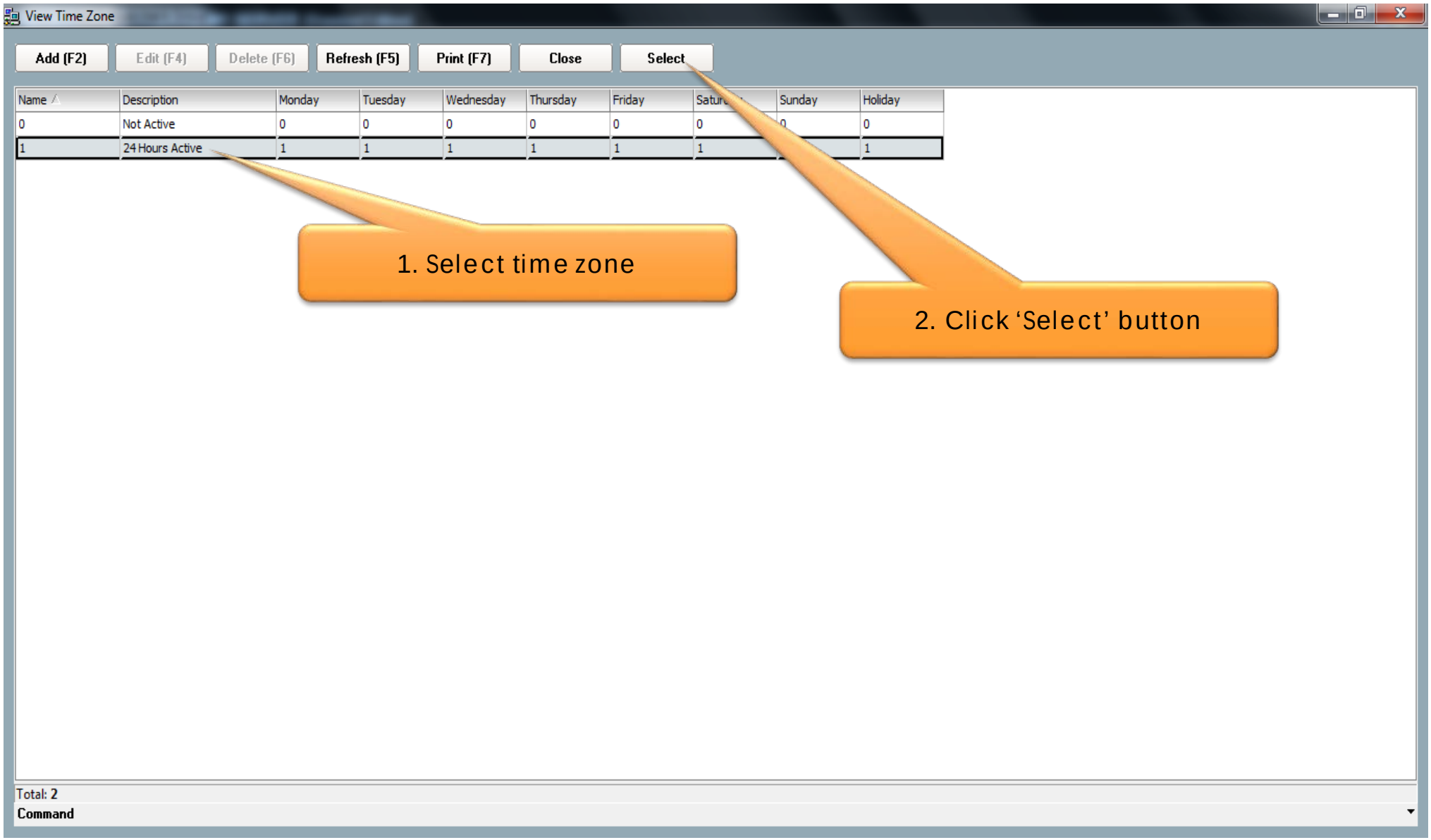

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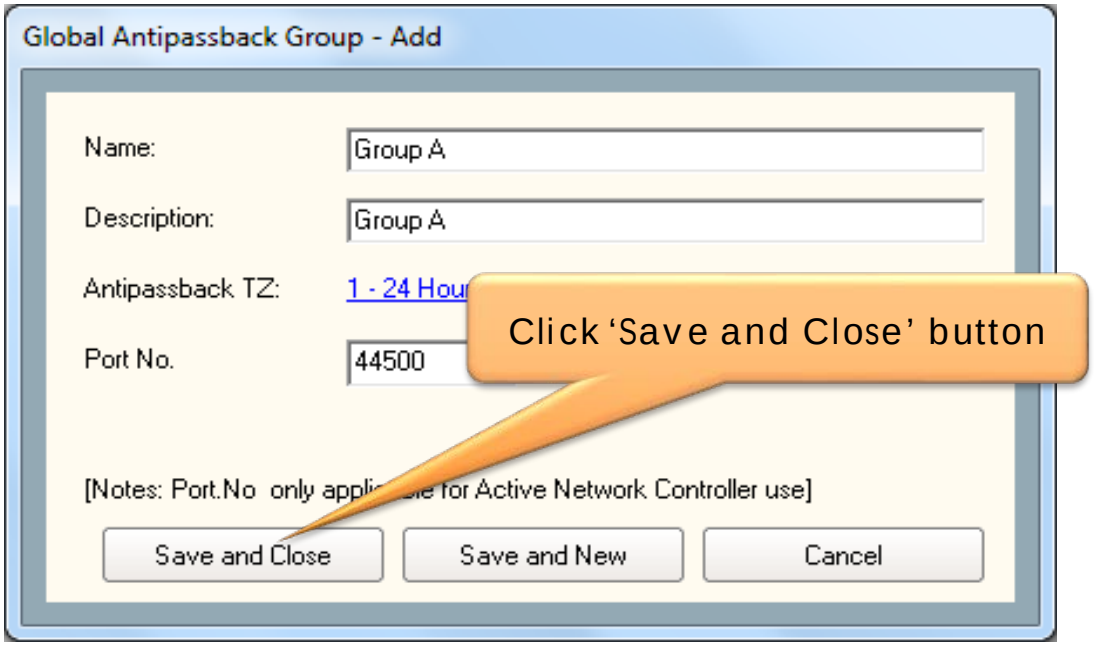

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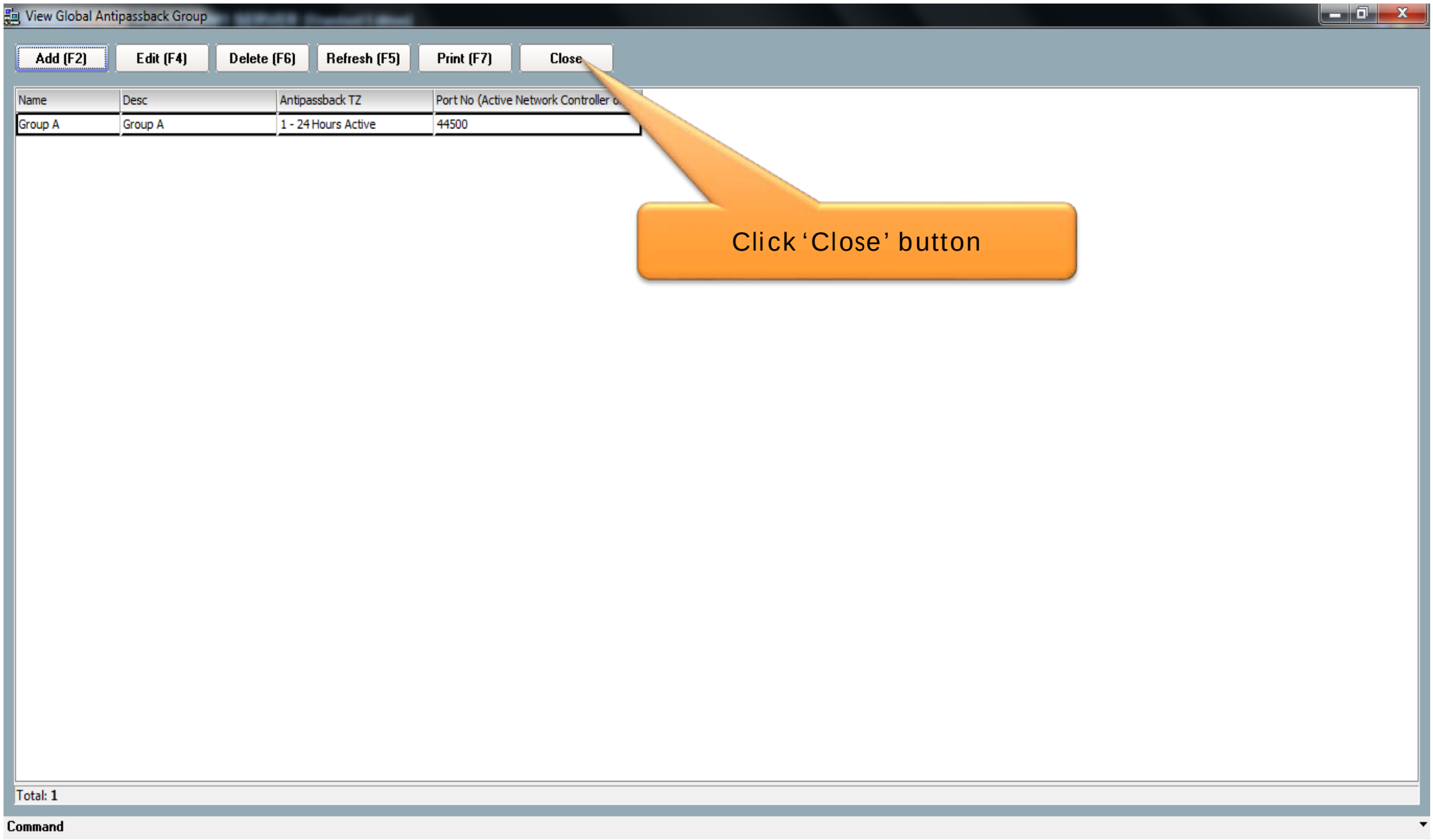

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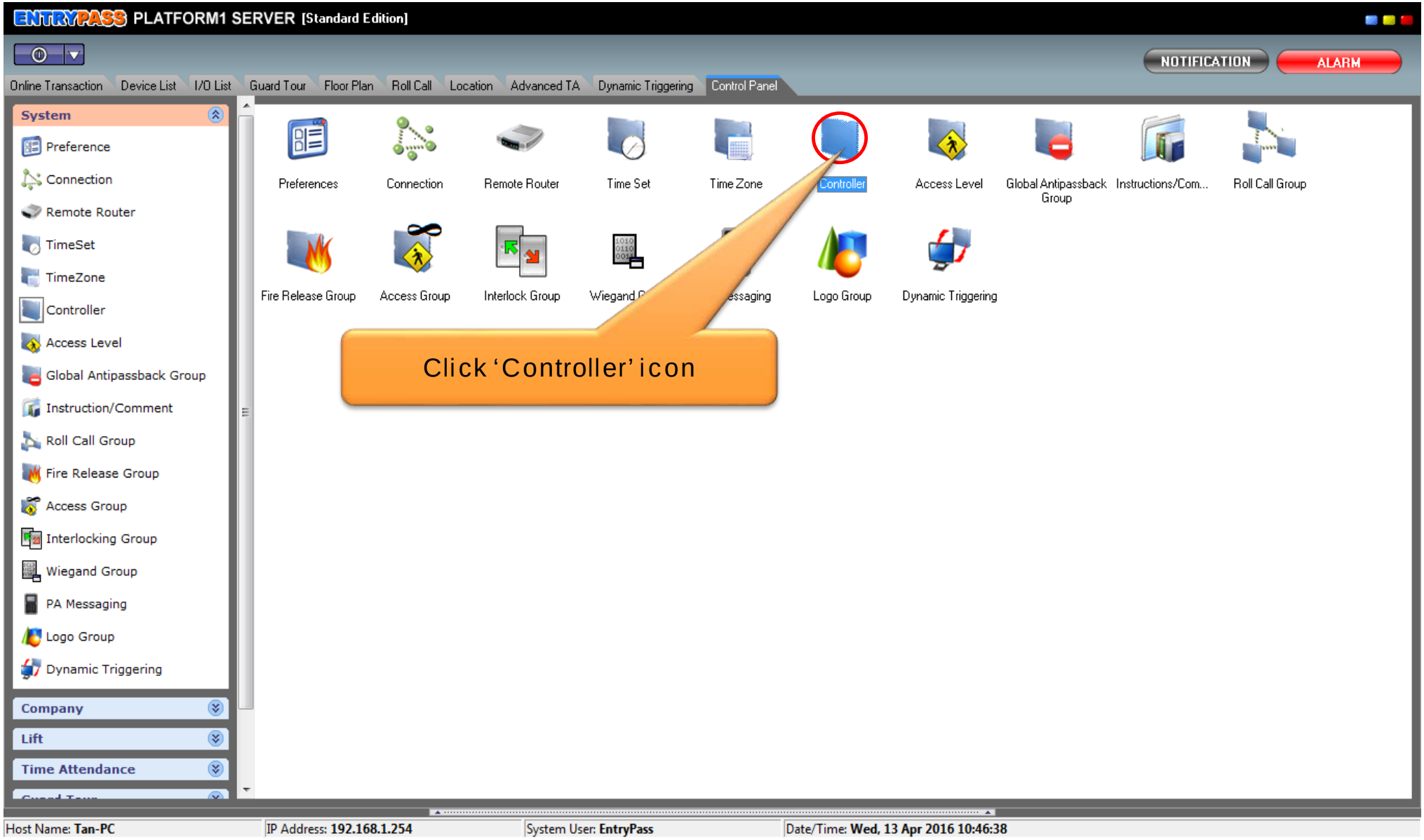

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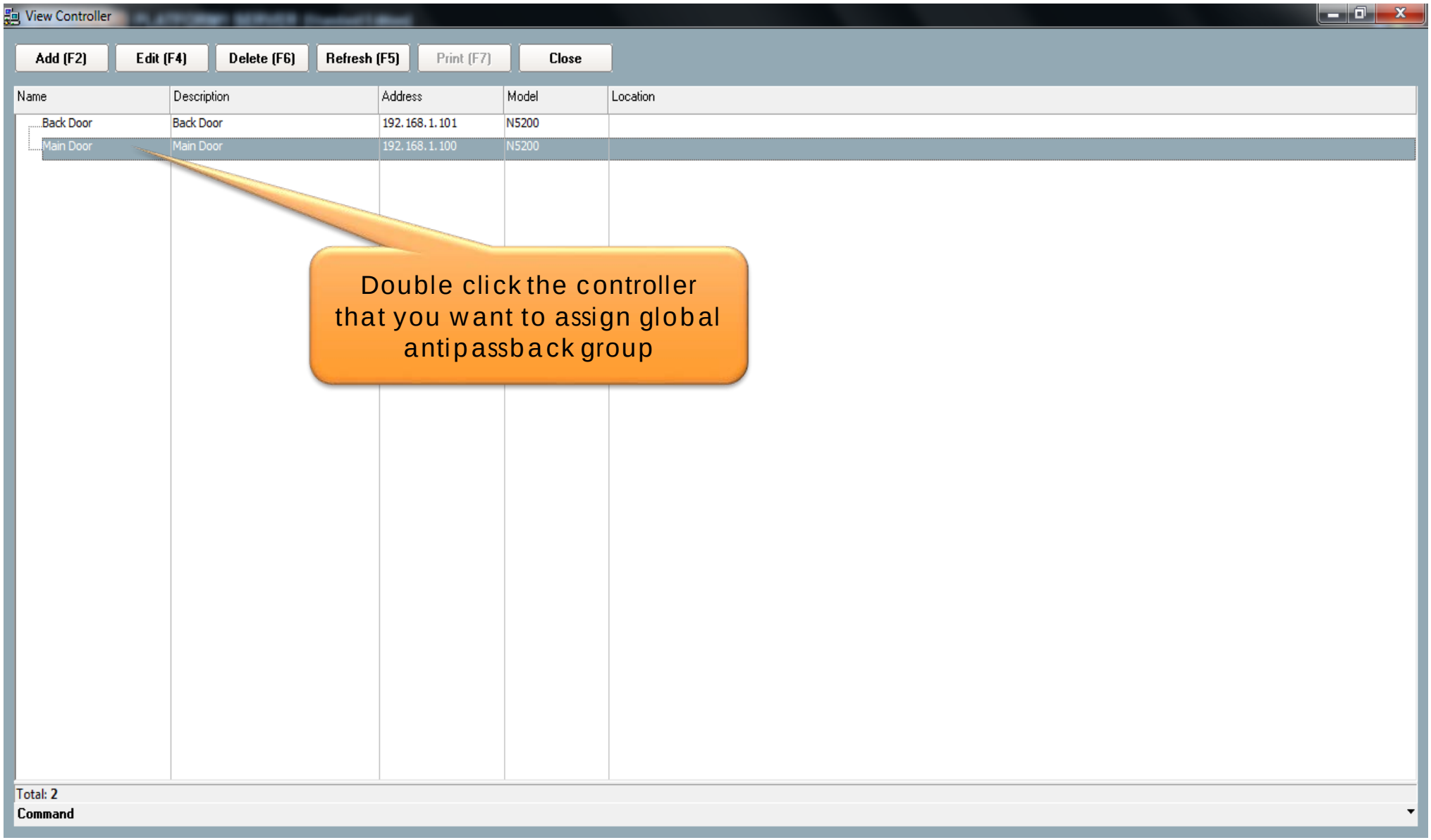

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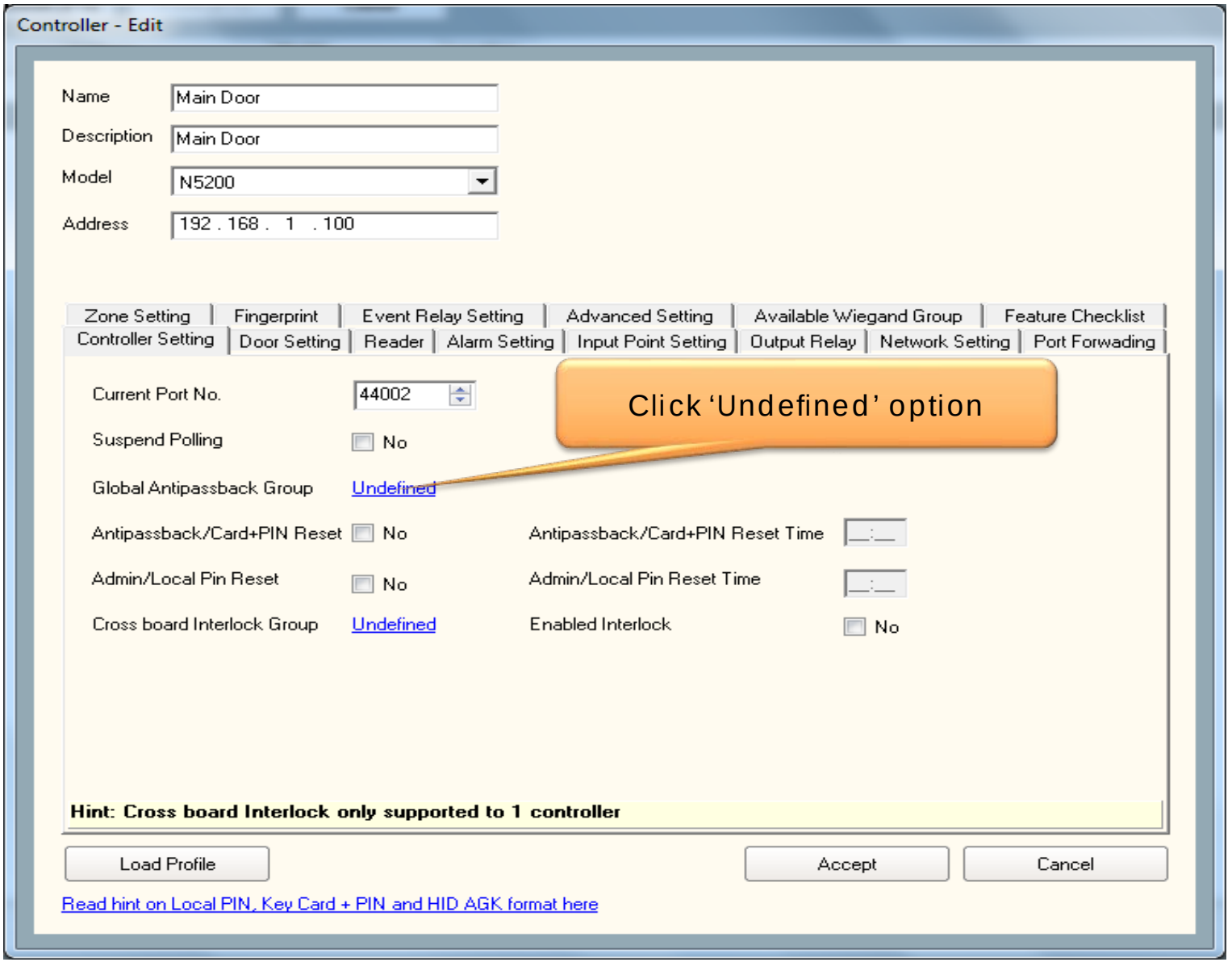

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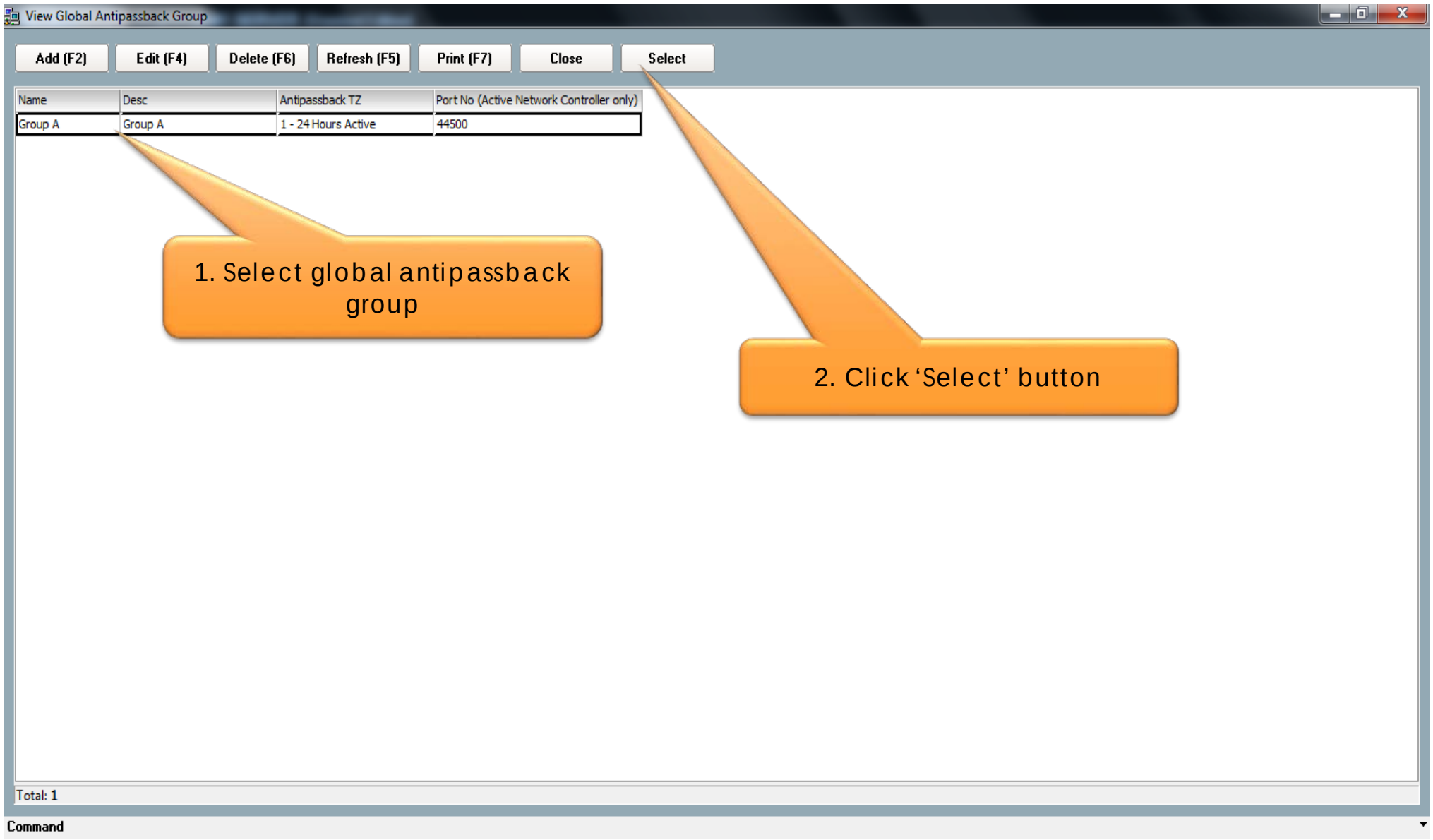

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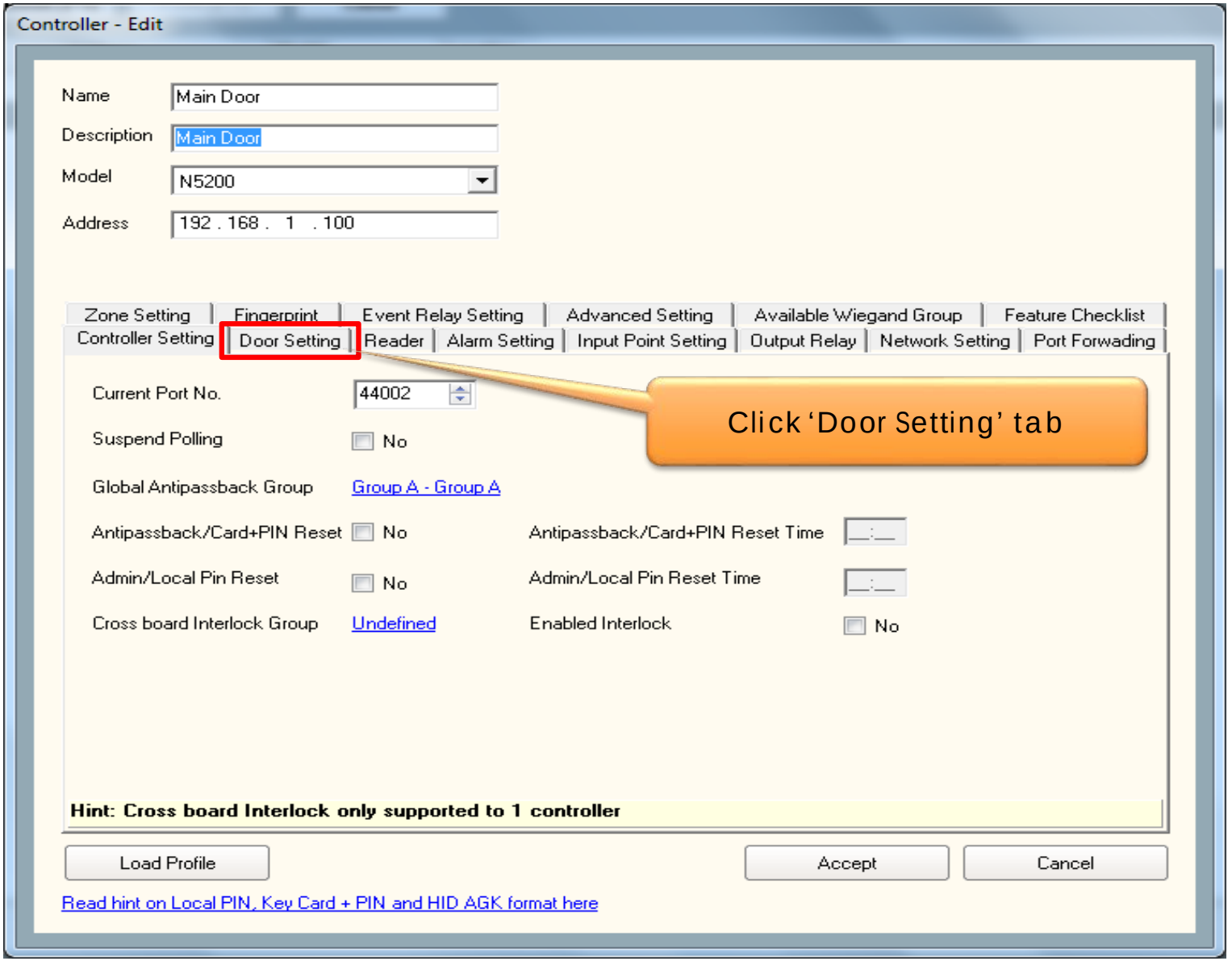

Notes: After selected the global antipassback group, the group name will appeared on the global antipassback group field.

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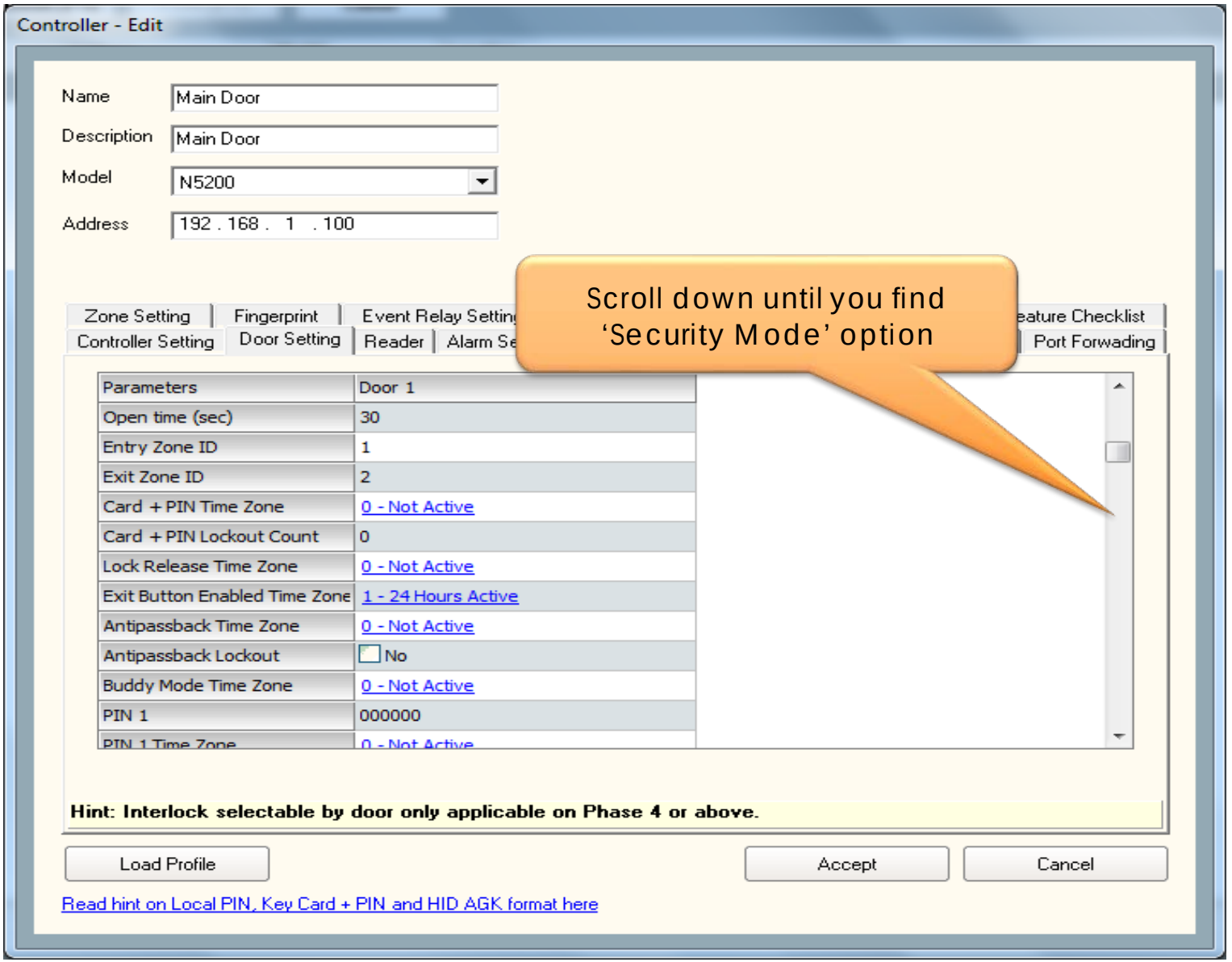

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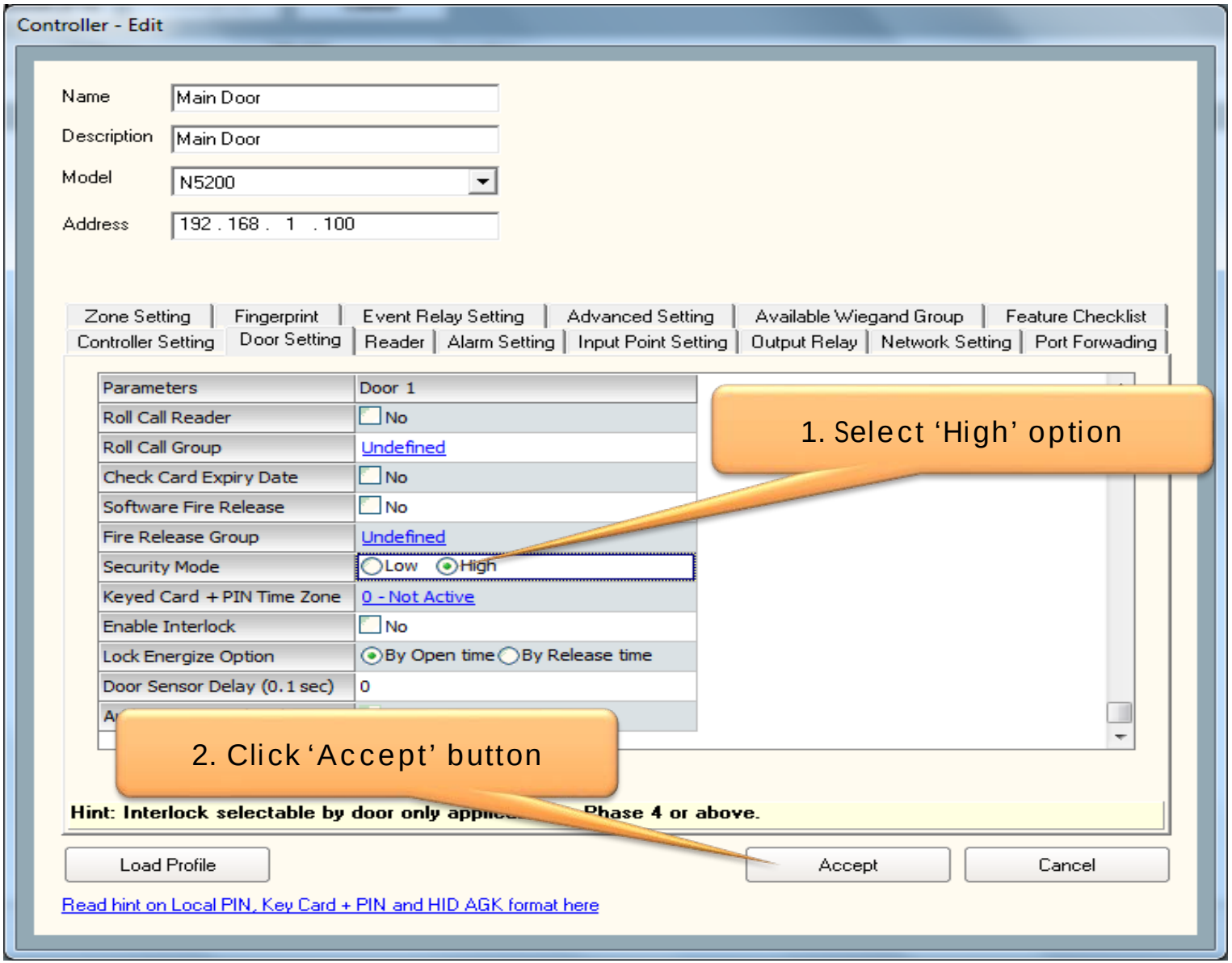

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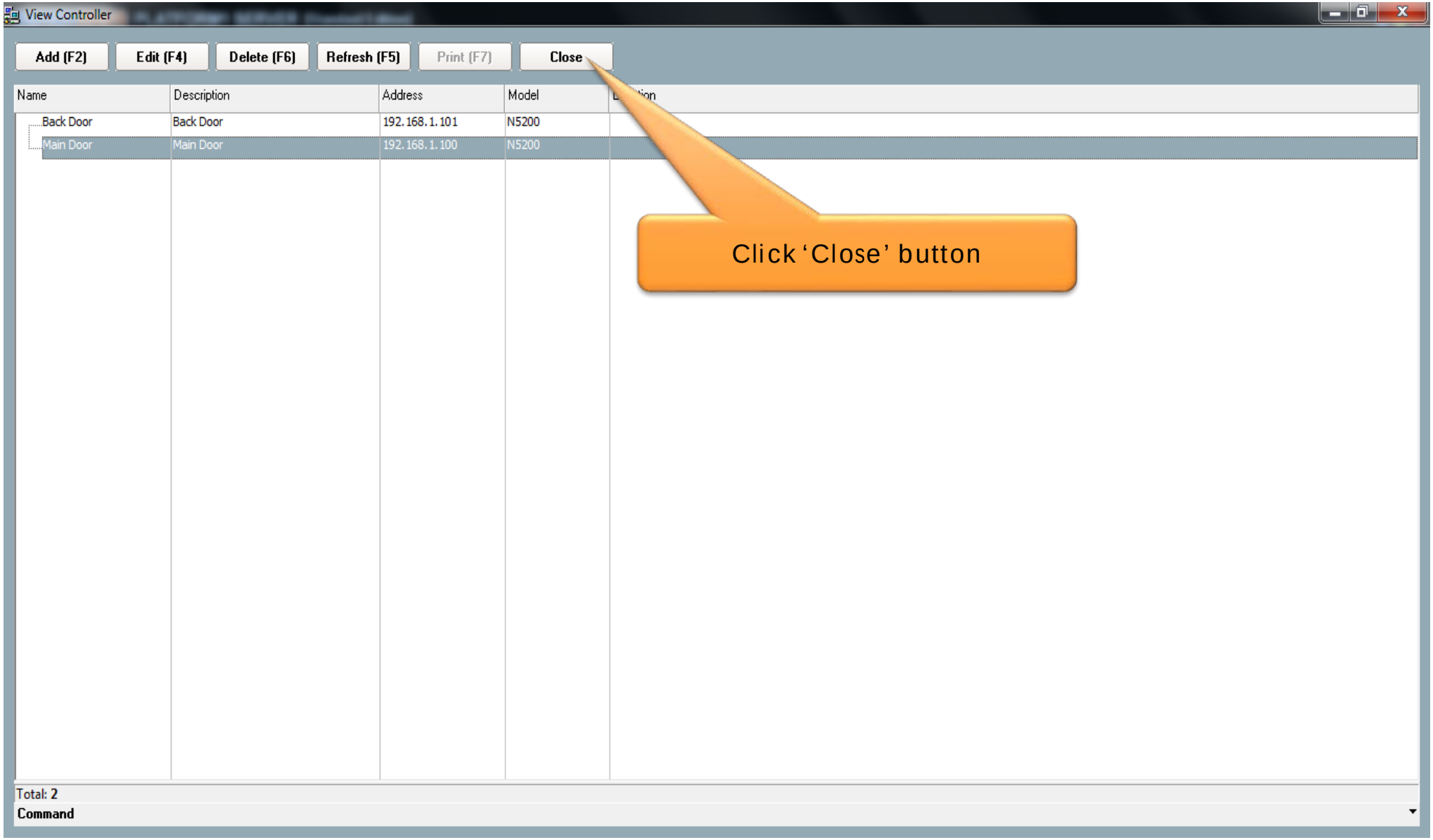

Notes: Repeat the steps from page 142 to page 147 for all the controllers fall under the same global antipassback group.

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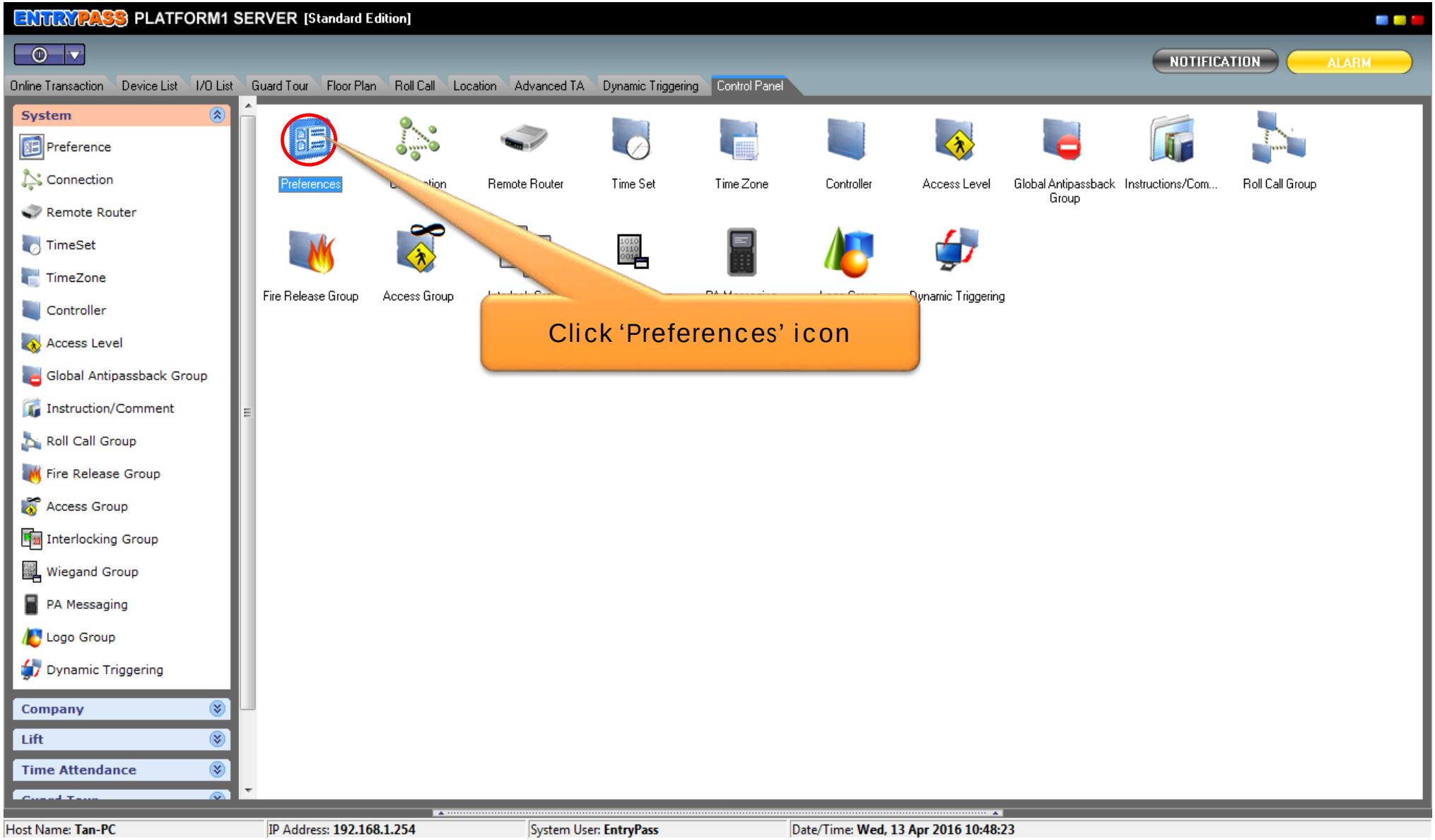

Notes: Before proceed to this step, please make sure you've already assigned global antipassback group to all the necessary controllers.

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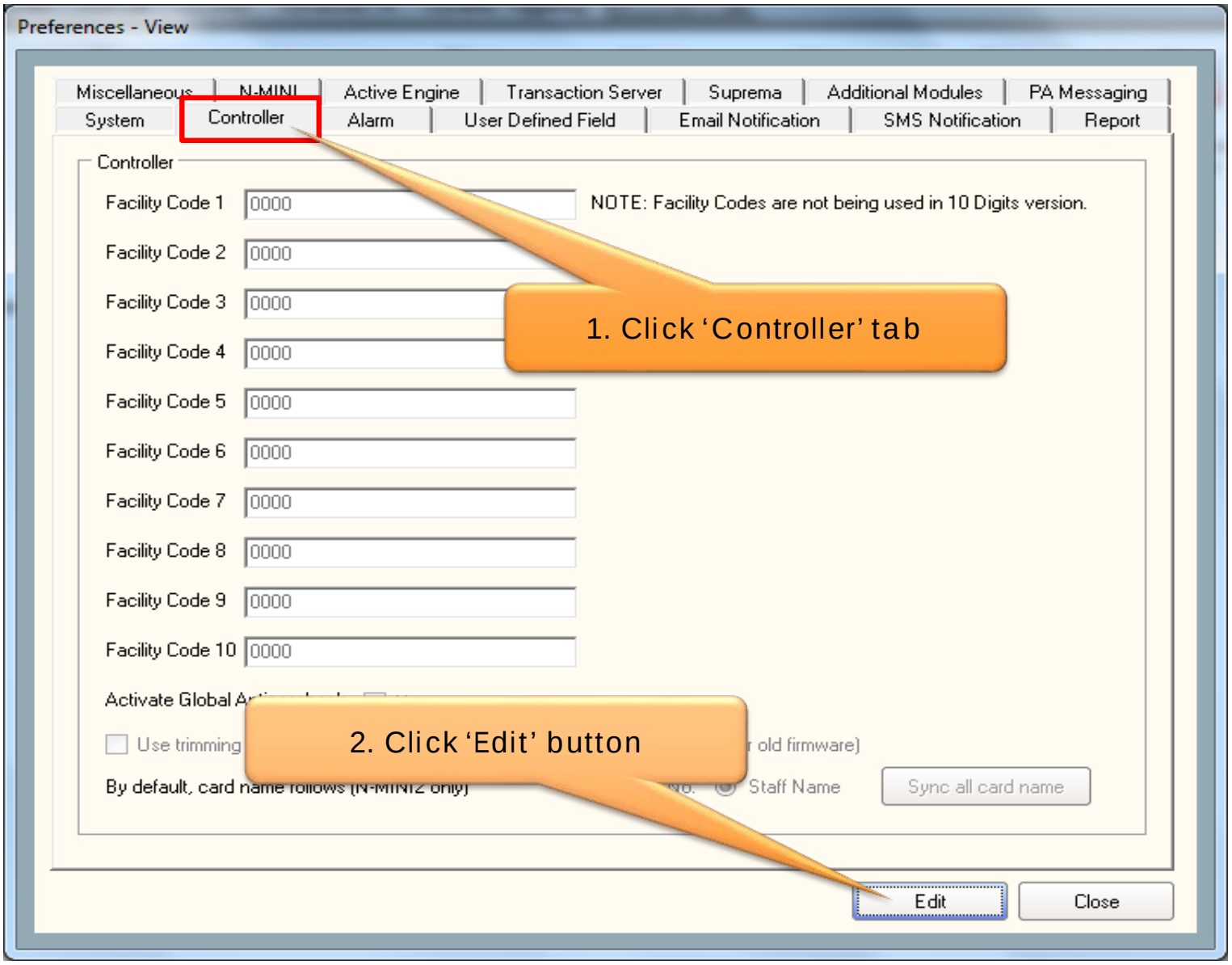

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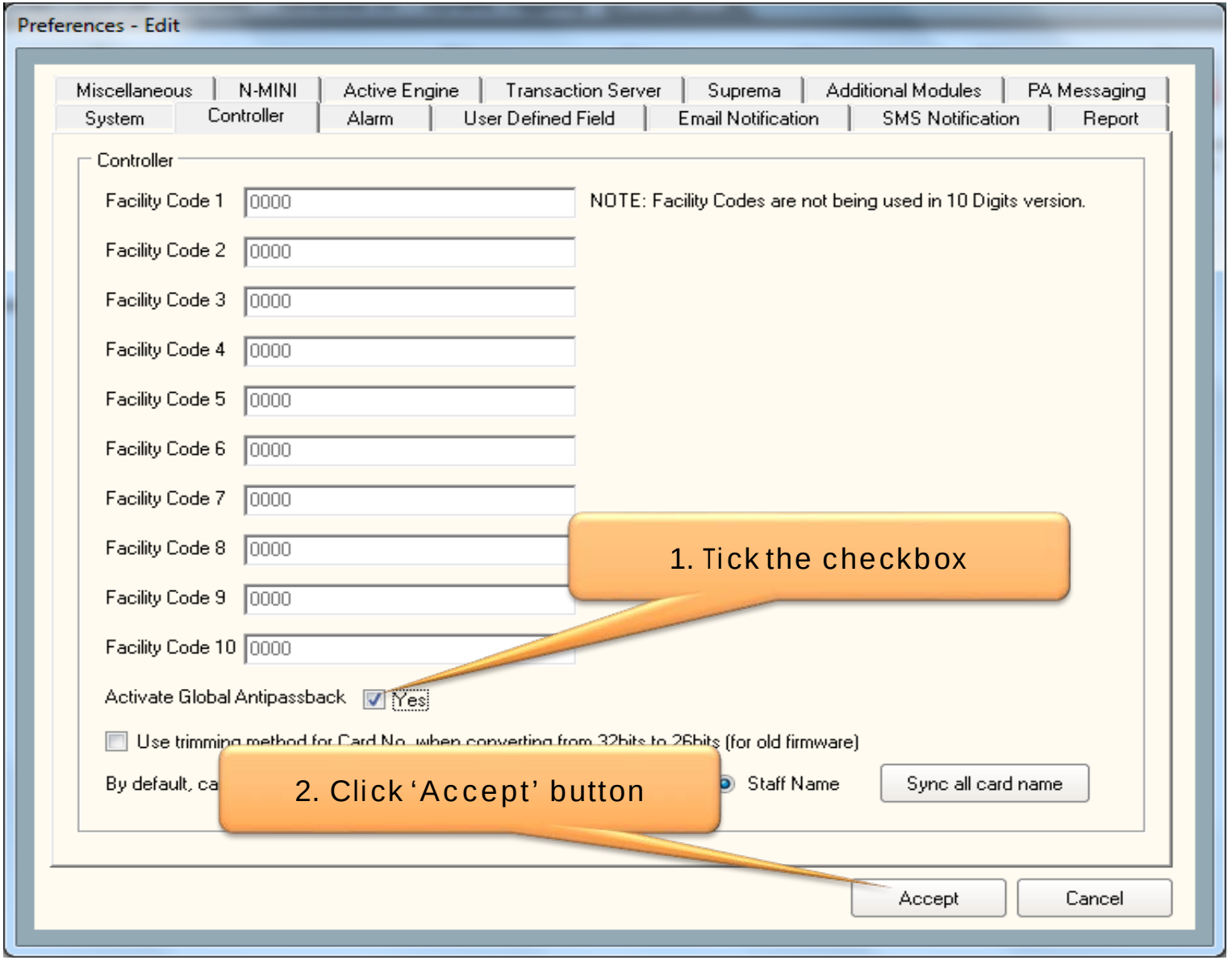

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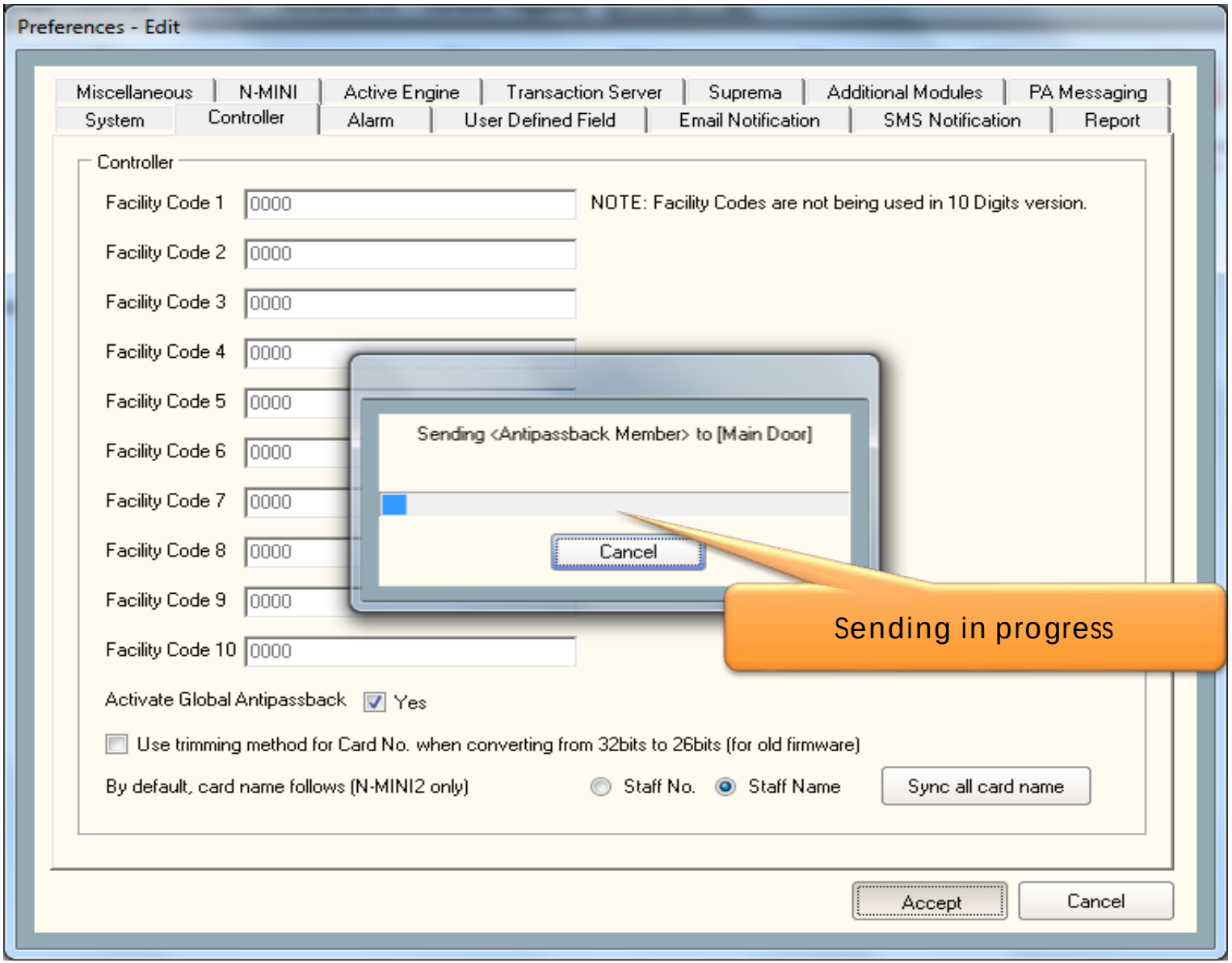

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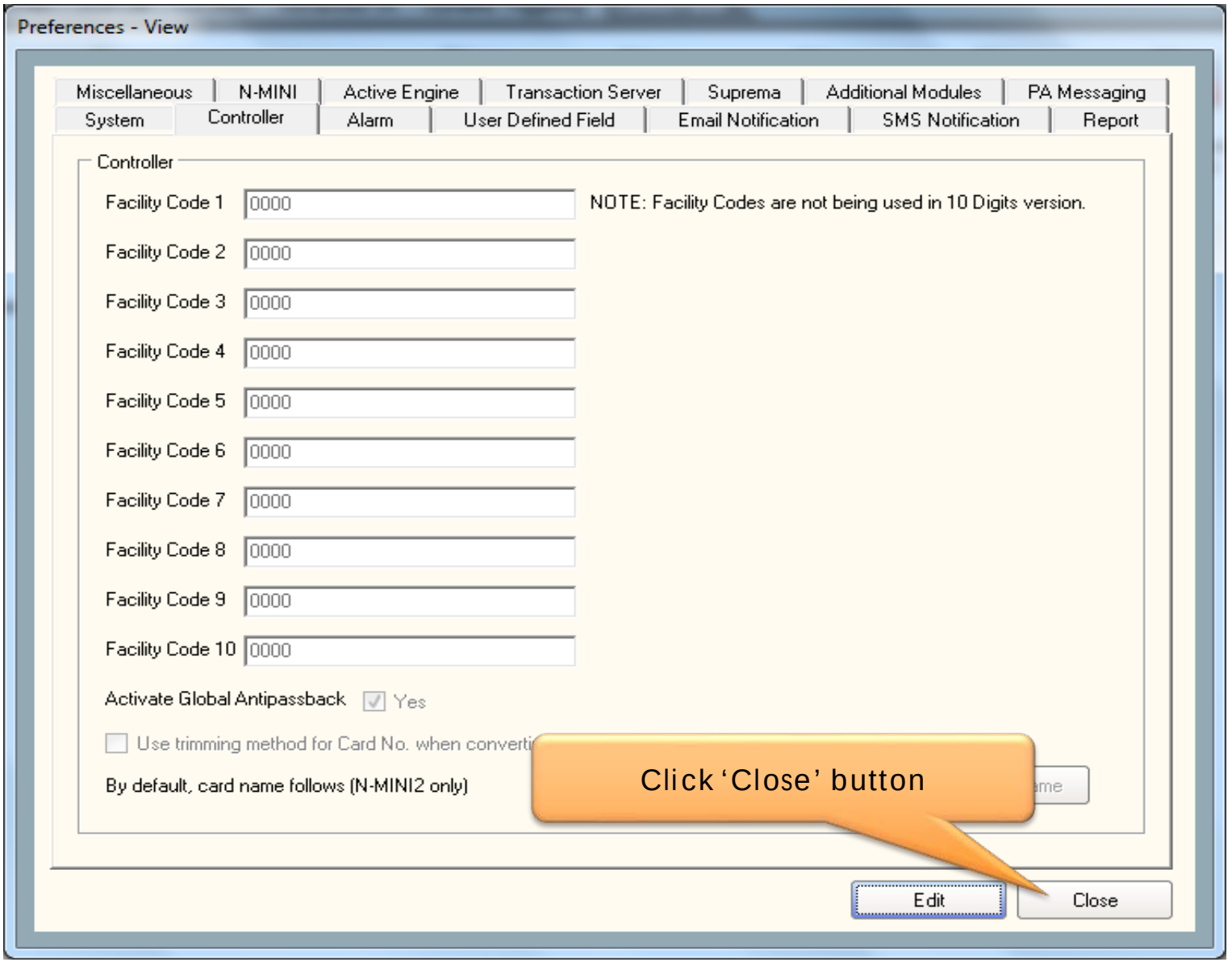

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APPENDIX

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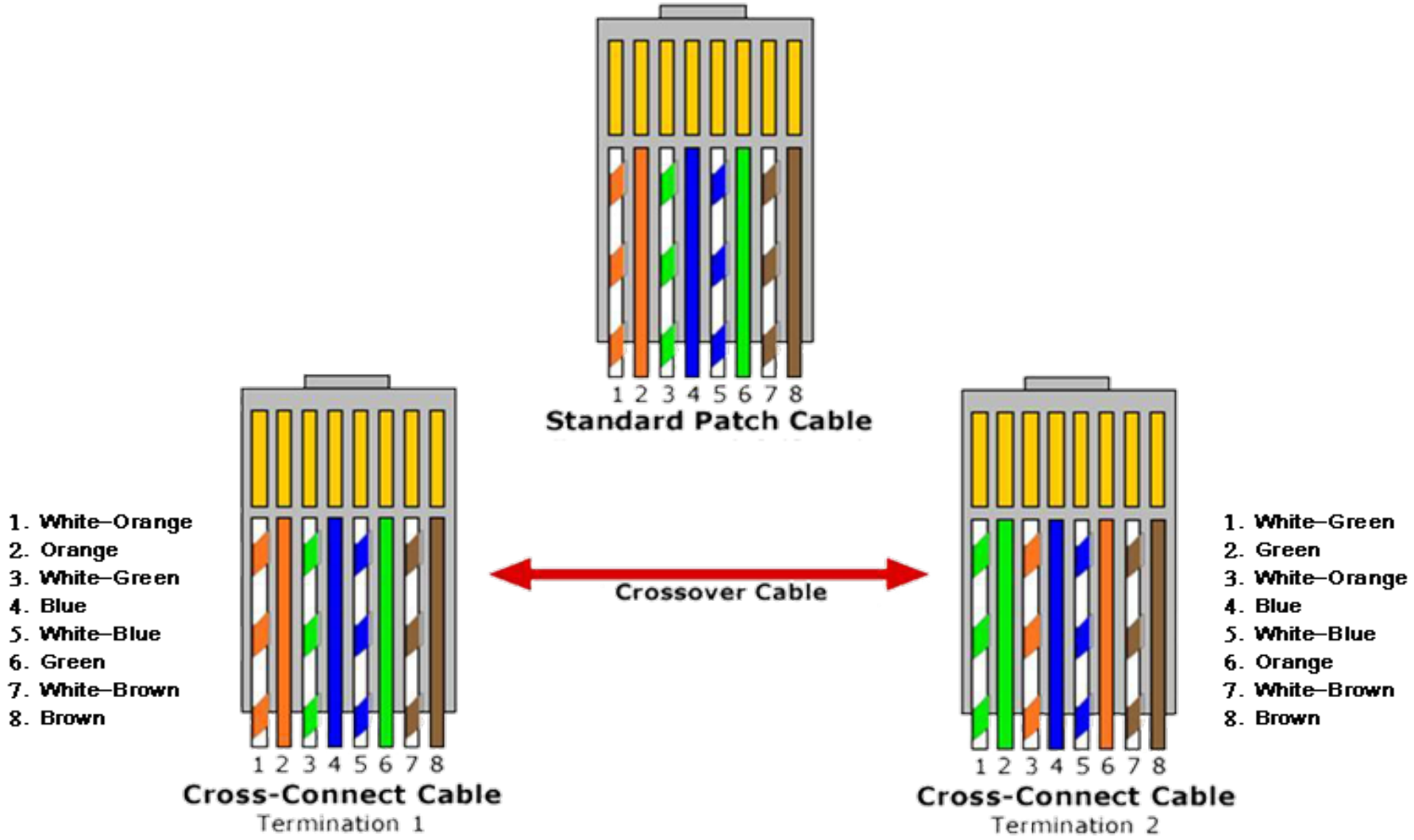
Appendix A: Network Cable Connection



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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

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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.

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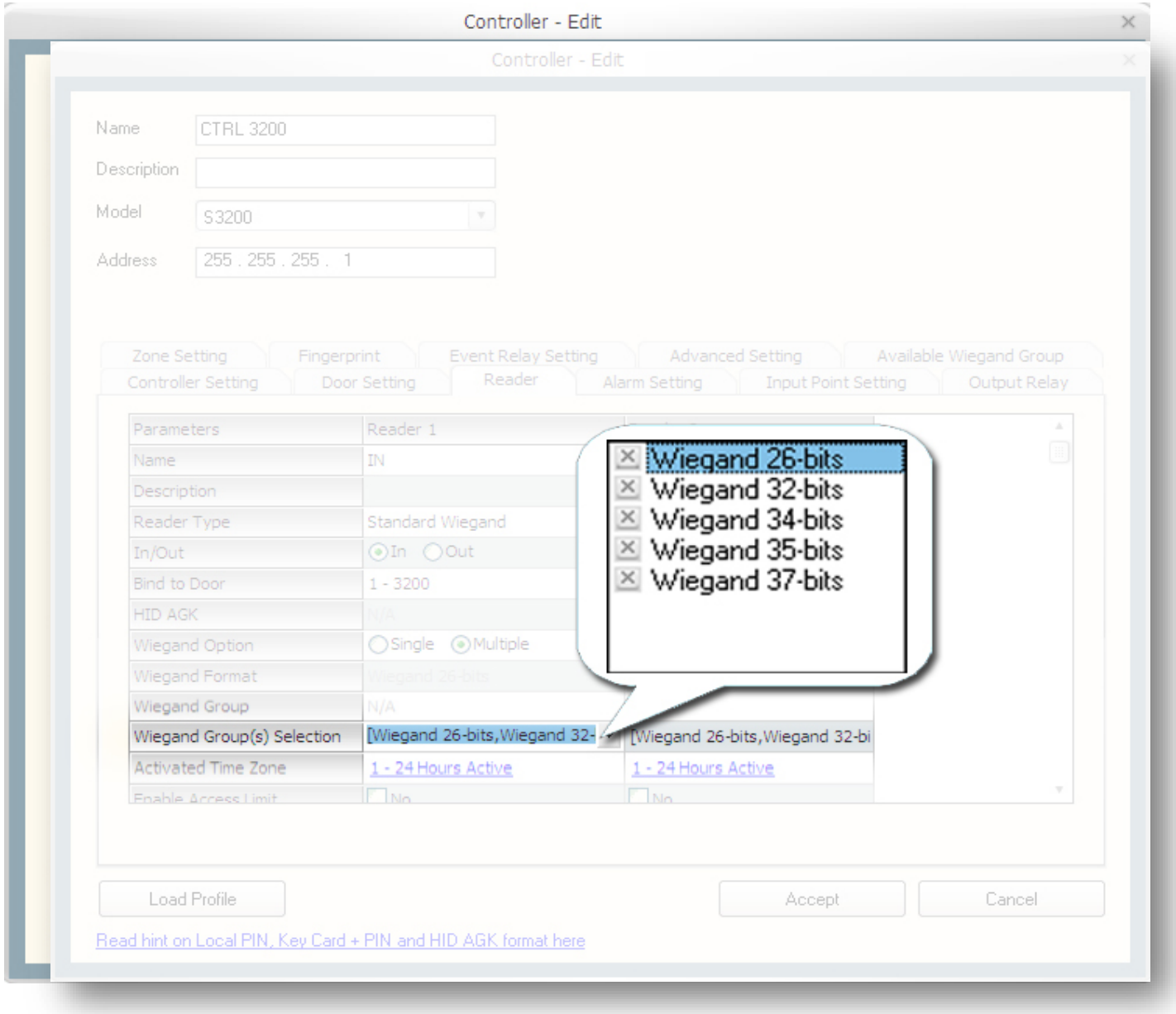
Appendix D: Wiegand Group Selection



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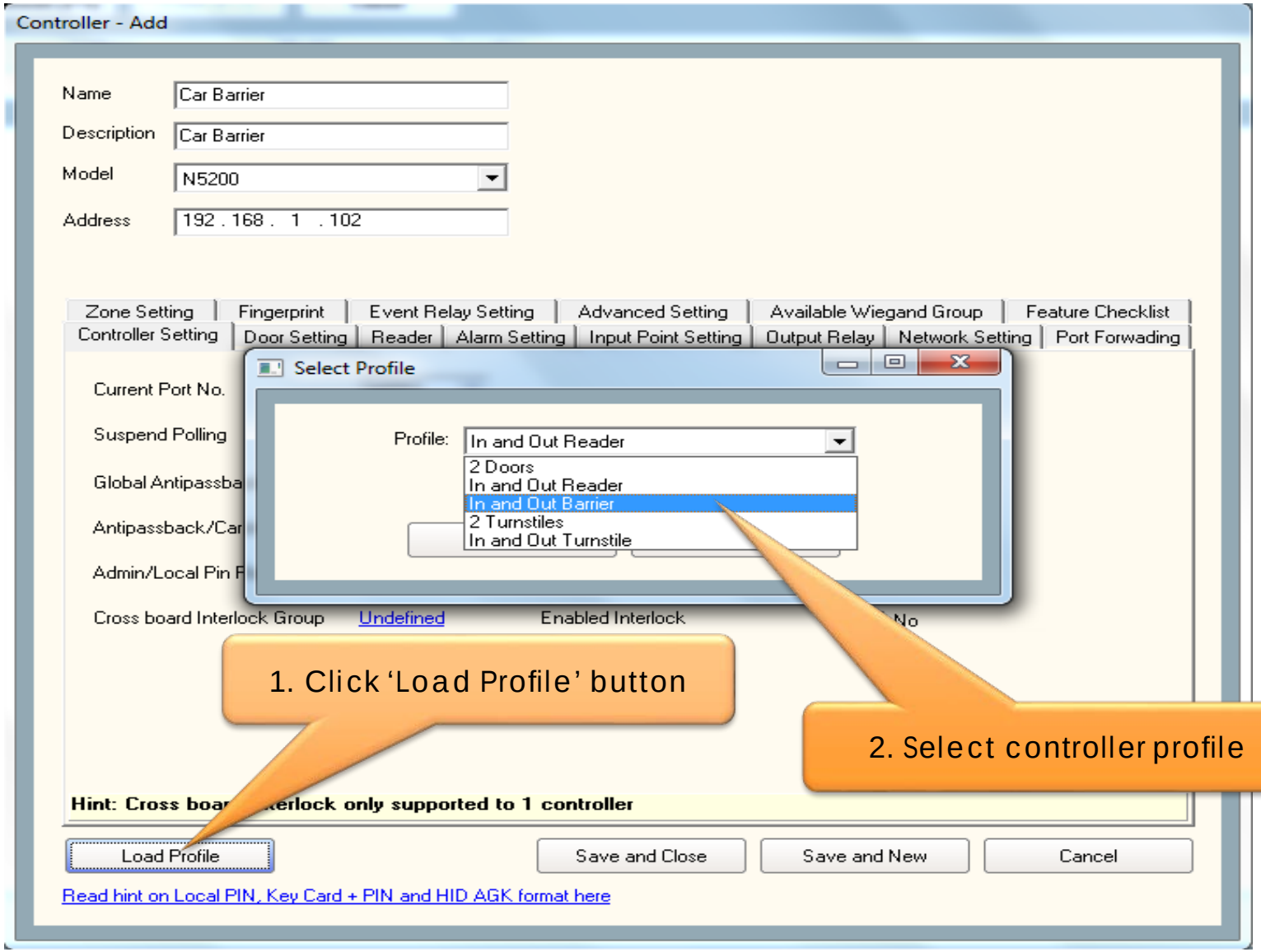
Appendix E: Car Park Barrier Setting

Step 1. Load Profile: In and Out Barrier



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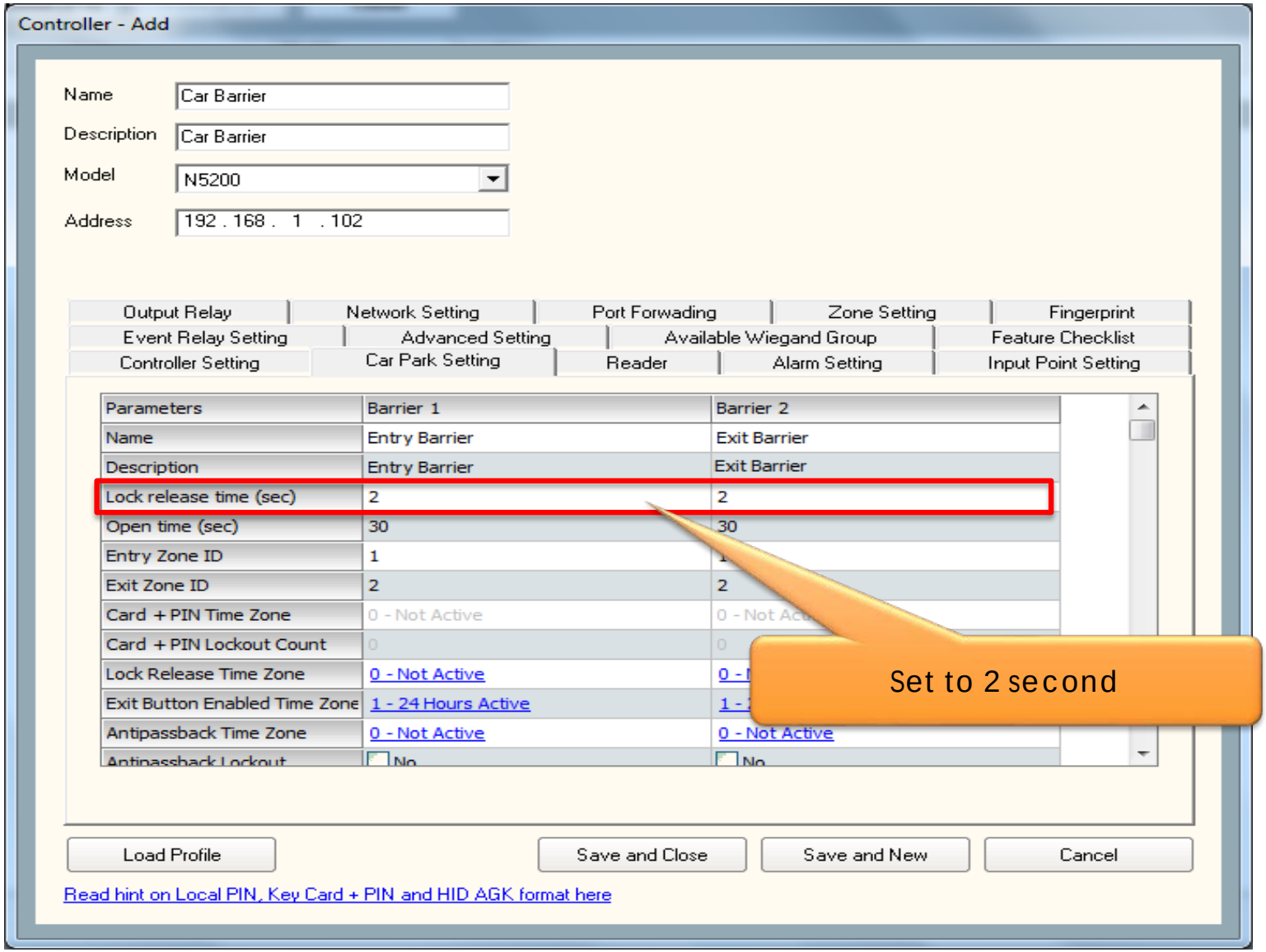
Appendix E: Car Park Barrier Setting

Step 2. Lock release time: 2 seconds



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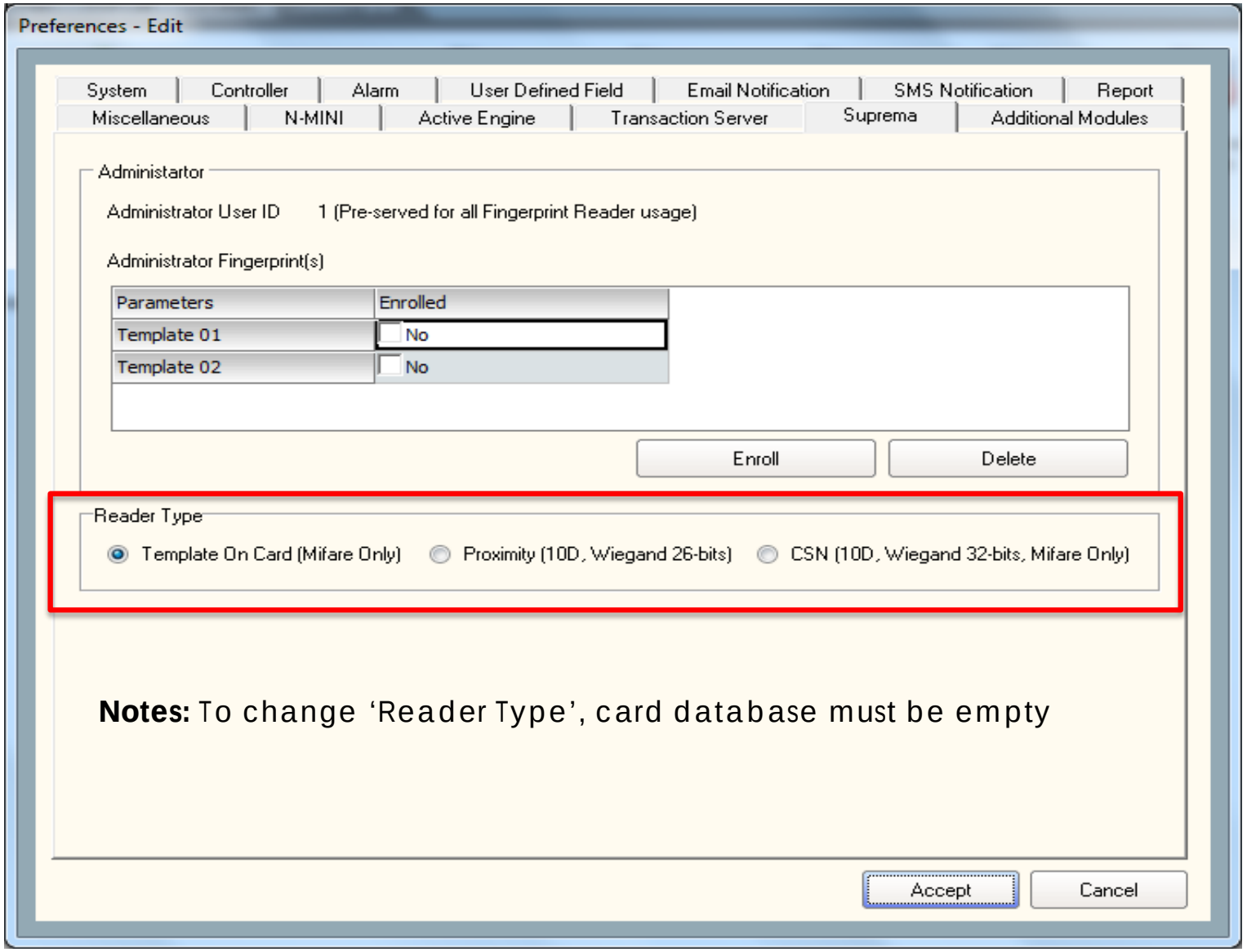
Appendix F: Suprema Setting

Step 1. Preference → Suprema → Reader Type



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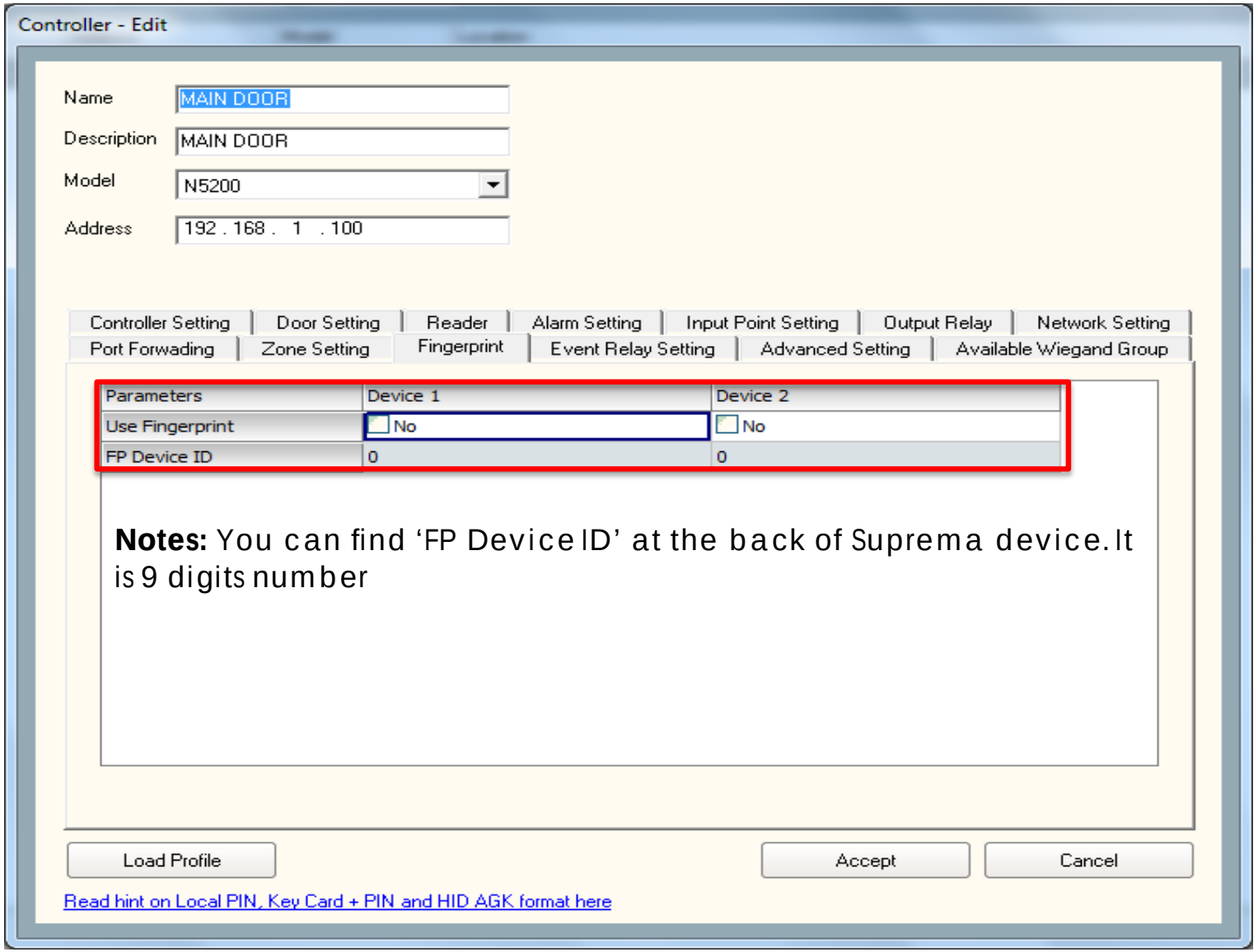
Appendix F: Suprema Setting

Step 2. Controller → Fingerprint → Device ID



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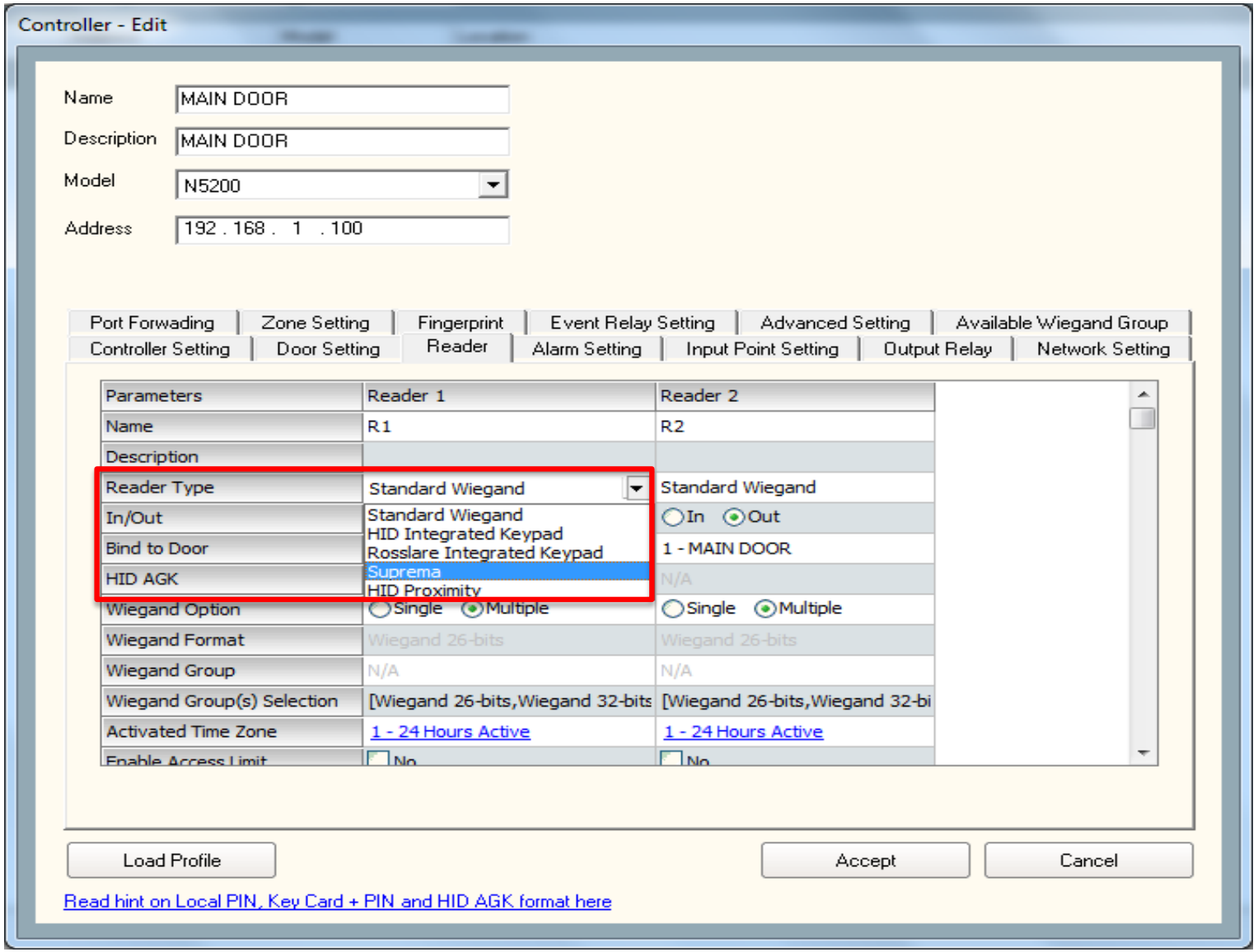
Appendix F: Suprema Setting

Step 3. Controller → Reader → Reader Type: Suprema



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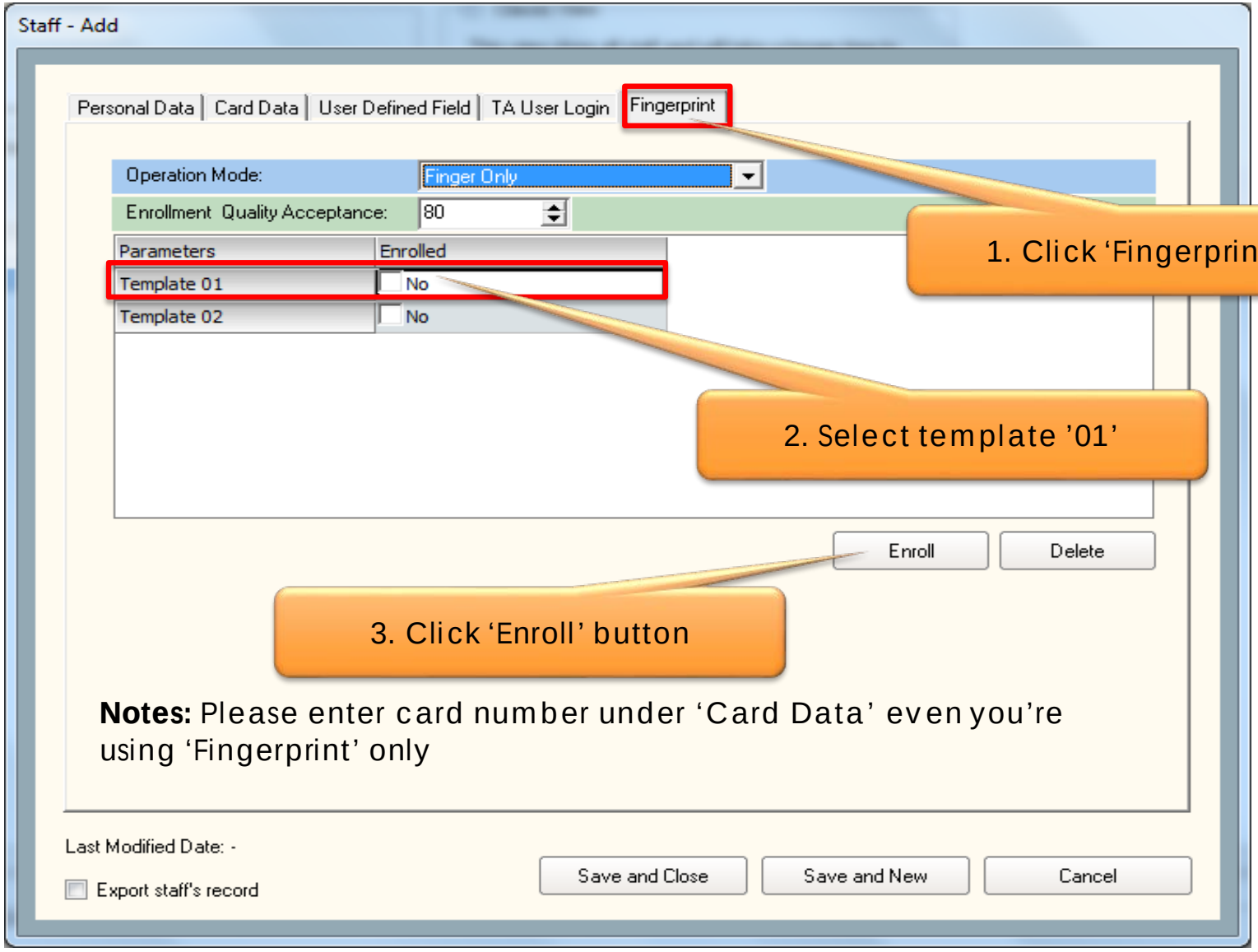
Appendix G: Enroll Fingerprint



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

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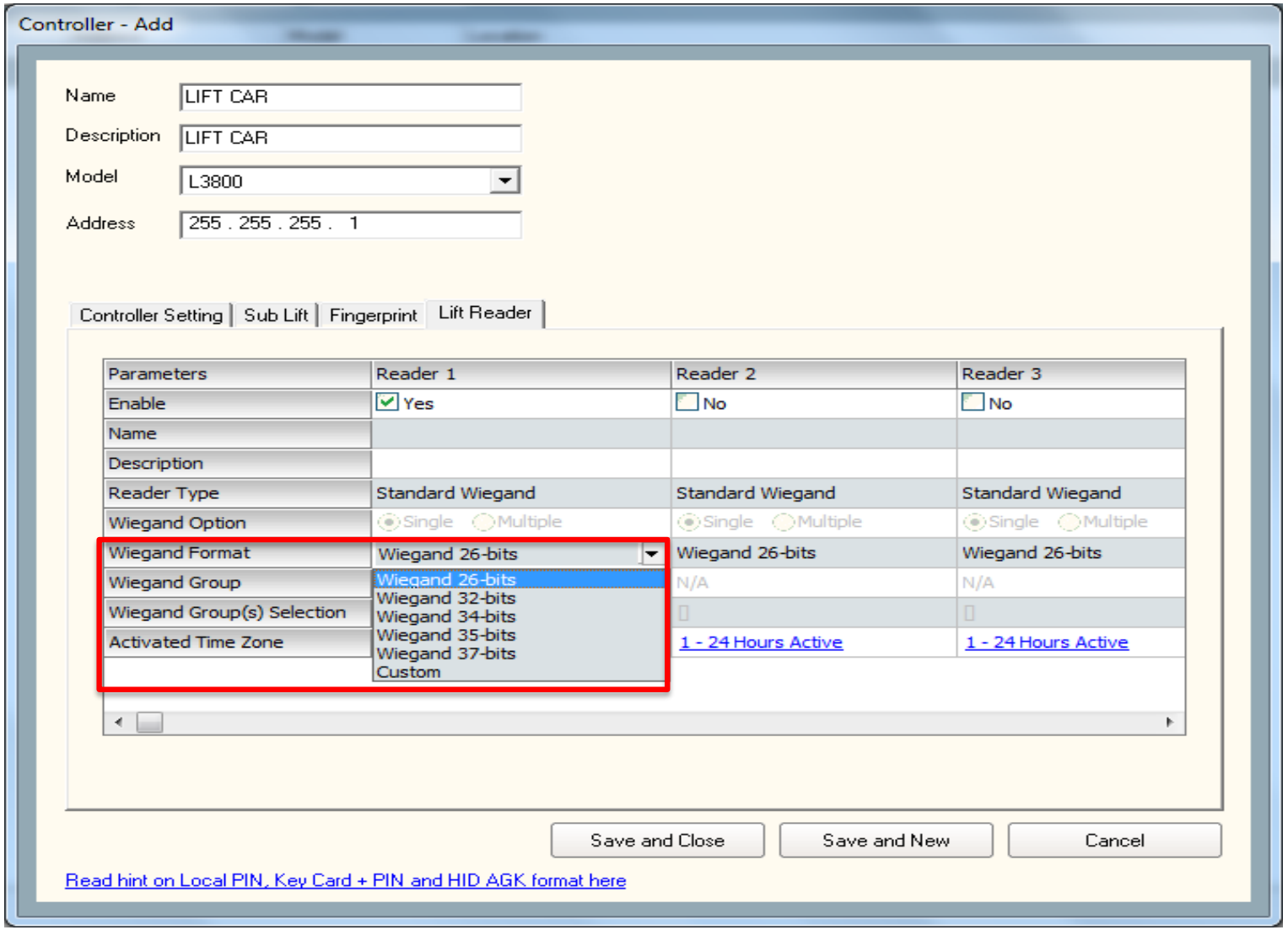
Appendix H: L3800 Controller Wiegand Format Setting



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

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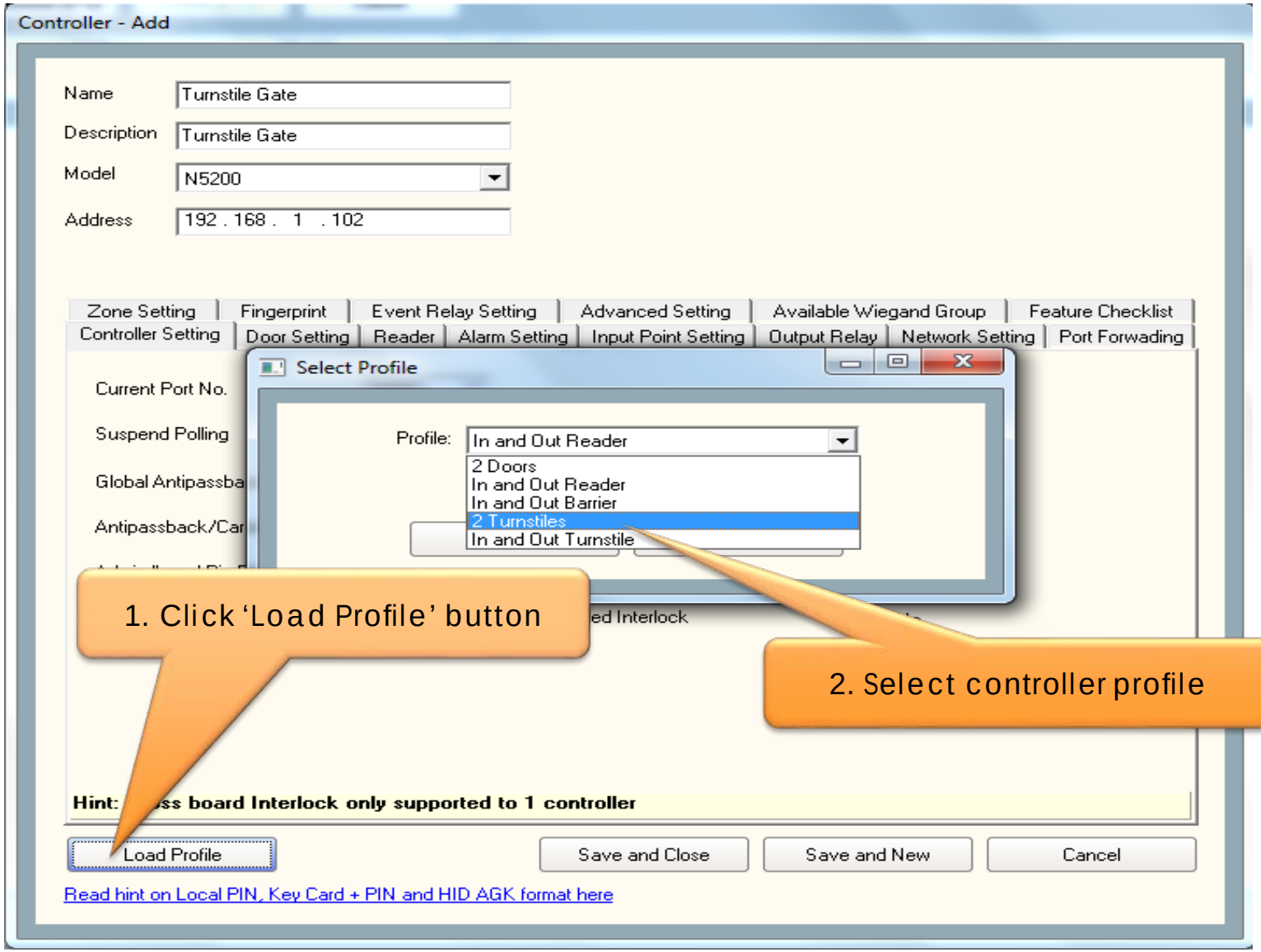
Appendix I: Turnstile Setting

Step 1. Load Profile: 2 Turnstiles



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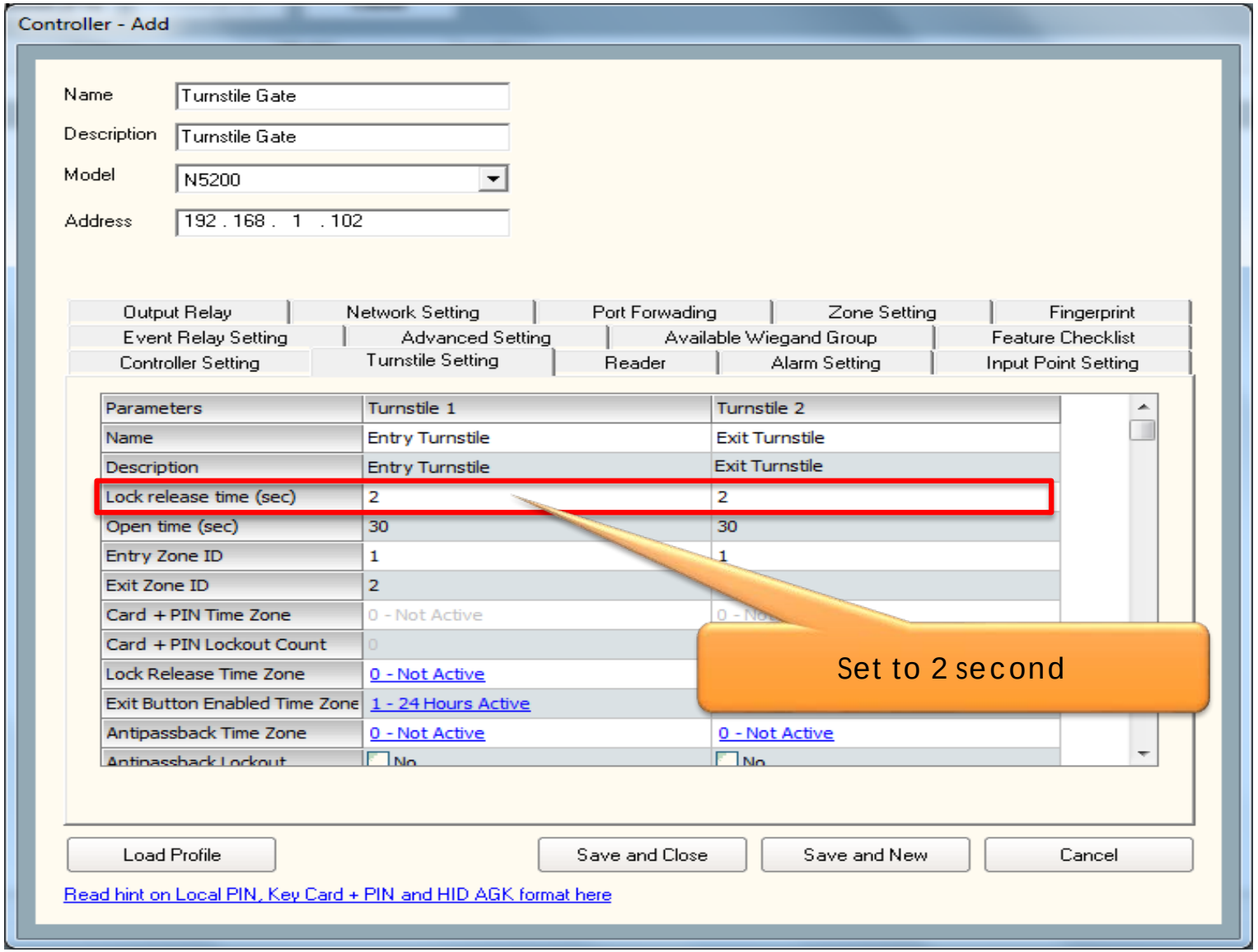
Appendix I: Turnstile Setting

Step 2. Lock release time: 2 seconds



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THANK YOU

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