

SYSOFT-95A/230 Quick User Manual

2016/10/12 Version 0103

SYSOFT-95A/230 is an *Access Control System which can be integrated with :*

T&A management (SYSOFT-TAM)

Fingerprint management (SYSOFT-FPM)

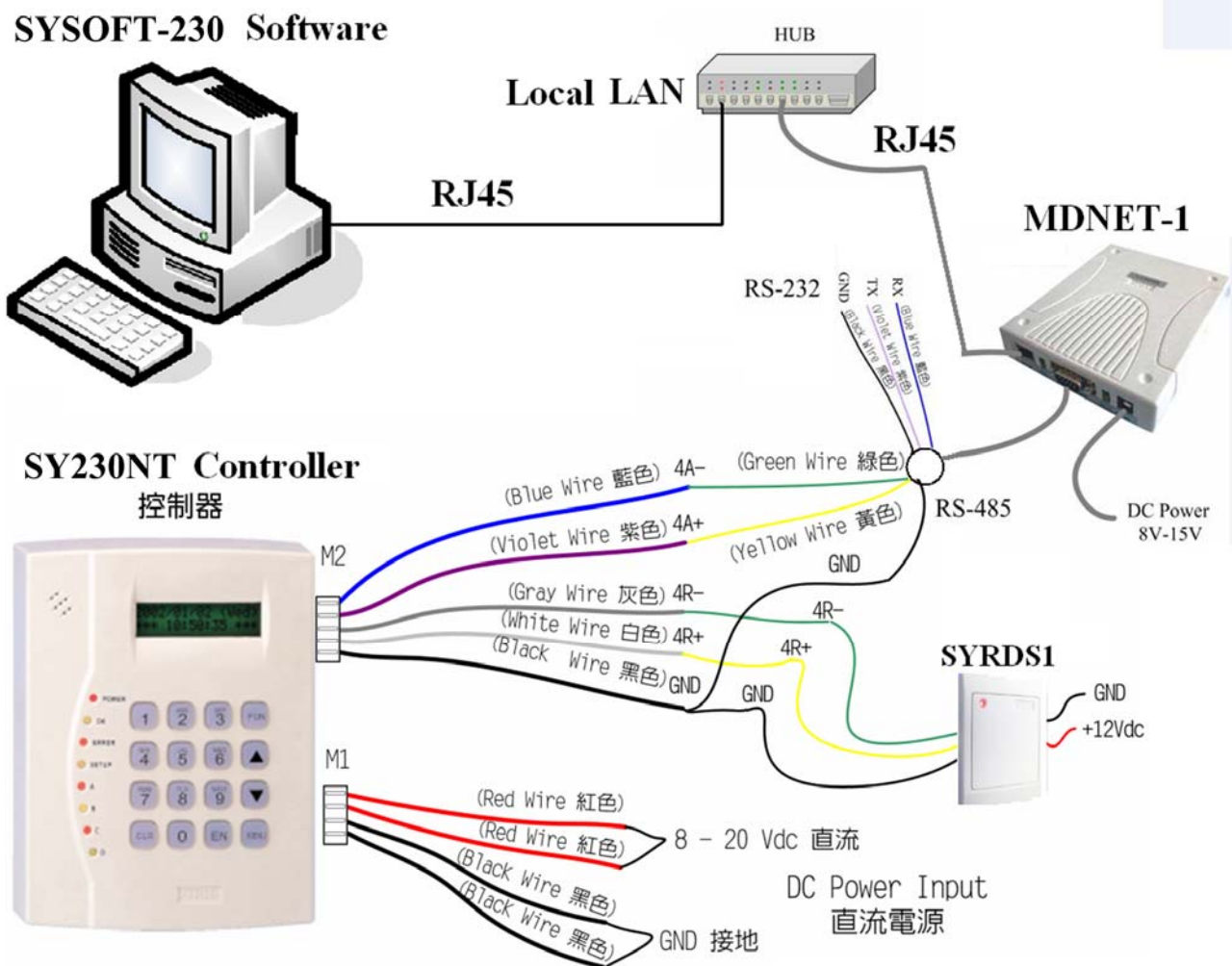
Message management system (SYSOFT-MMS)

Digital video monitor system (SYSOFT-DVM)

Elevator management system.

1.1 LAN Application

SYSOFT-95A/230 Local LAN Wiring Diagram

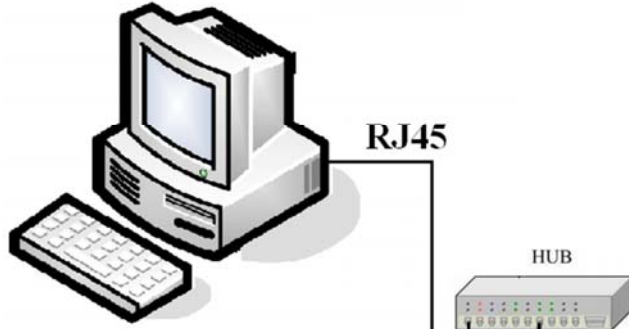


1.2 WAN Application

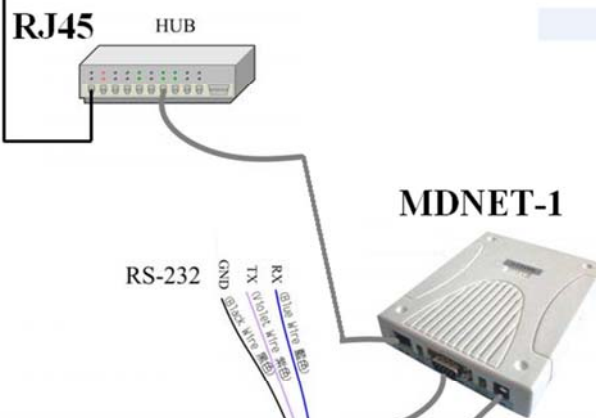
SYSOFT-95A/230 WAN / Internet Wiring Diagram

SYSOFT-230 via TCP/IP
Network structure chart

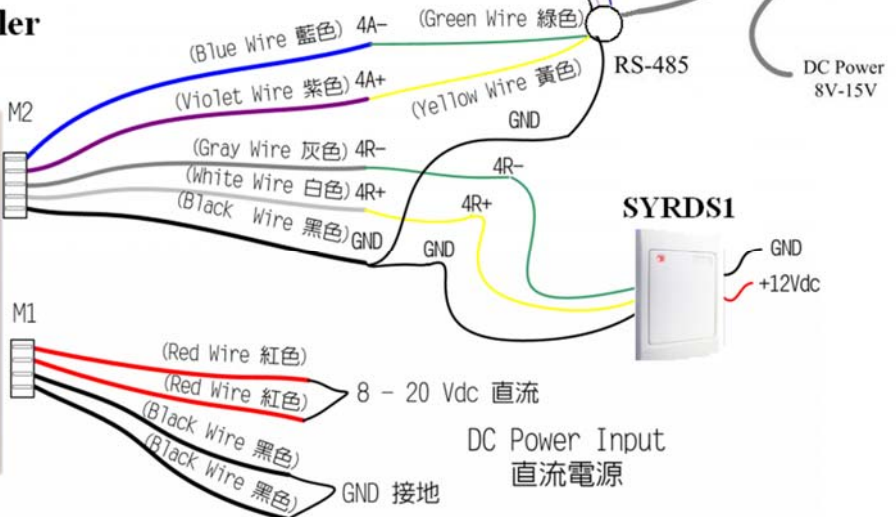
SYSOFT-230 Software



When SYSOFT-230 via WAN or Internet Network that PC need Provide True IP Address

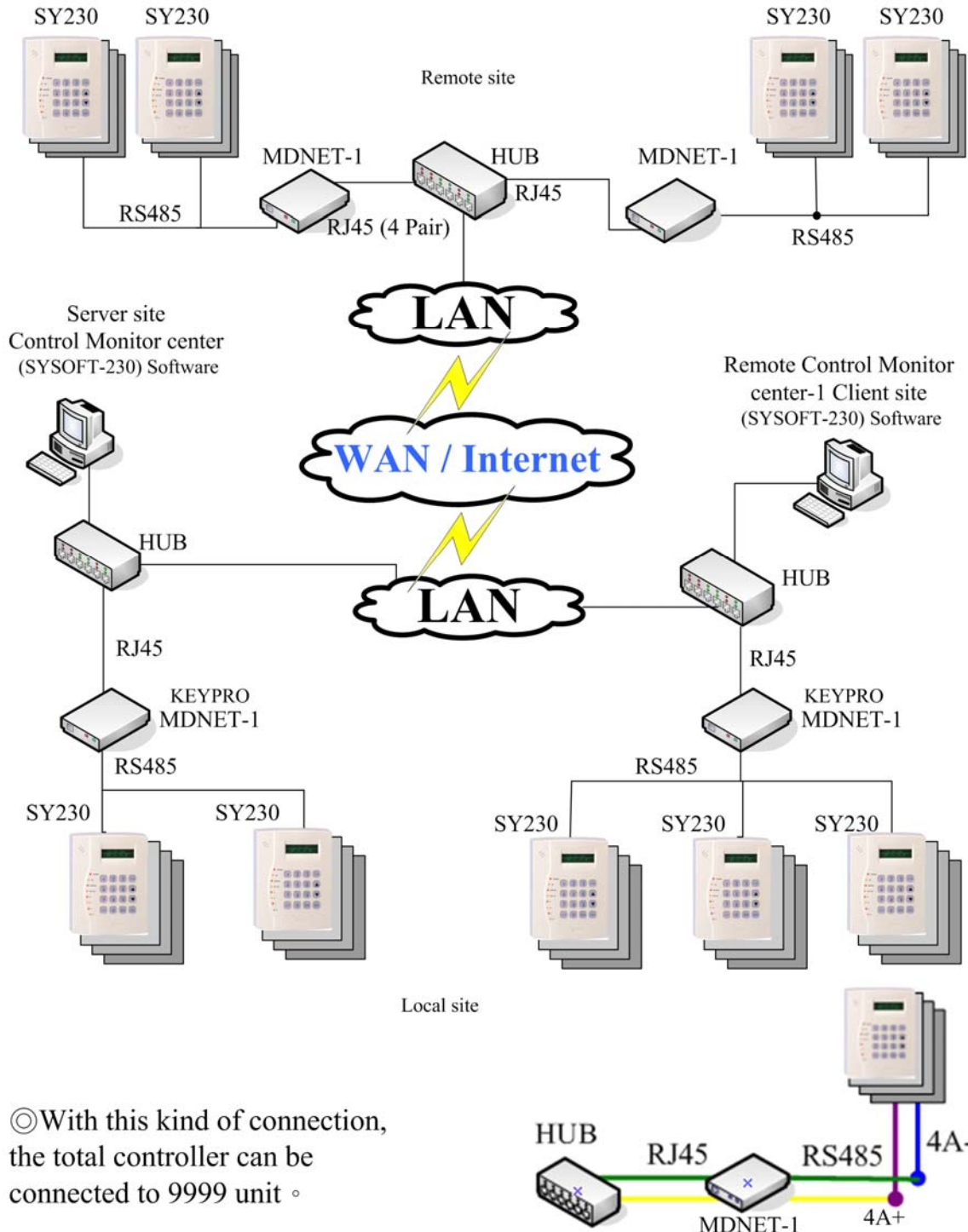


SY230NT Controller
控制器



2.1 SYSOFT-95A/230 → PC → Controller

SYSOFT-230 via TCP/IP
Network structure chart



©With this kind of connection, the total controller can be connected to 9999 unit ◦


- I. Connect Controller(SY330/SY210NT/SY230NT/SY120/SY125) to Hub via MDNET.
- II. The SYSOFT-95A/230 will be installed to PC.
- III. Install Keypro Driver via SYSetup95A.exe.
- IV. Setup database connection. (MS-SQL)
- V. Create Controller and reader data via SYSOFT-95A/230.

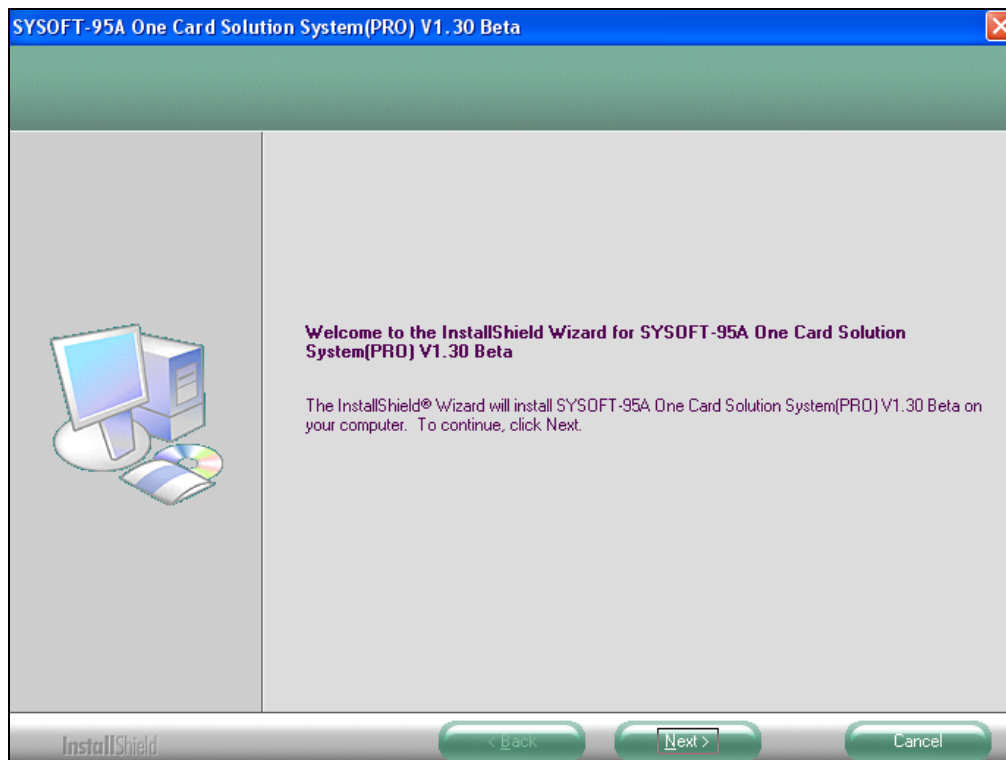
2.2 Software System Requirement

- Central processing unit 【CPU】 : Pentium II 350MHz or higher 【Pentium III , Pentium 4 is the best】
- Memory 【RAM】 : 128MB or higher 【256MB 、 512MB is the best】
- Hard discs 【Hard Disk】 : 80MB available space
- CD-ROM drive 【CD-ROM】 : For install software
- Operating system 【Operating system , OS】 : Windows XP / 7 / 8 / 8.1/10
- Database : MS-Access 、 MS-SQL Server Standard / Express. (MS-SQL Server version includes 2000,2003,2005,2008,2012)
- Software ftp download link :

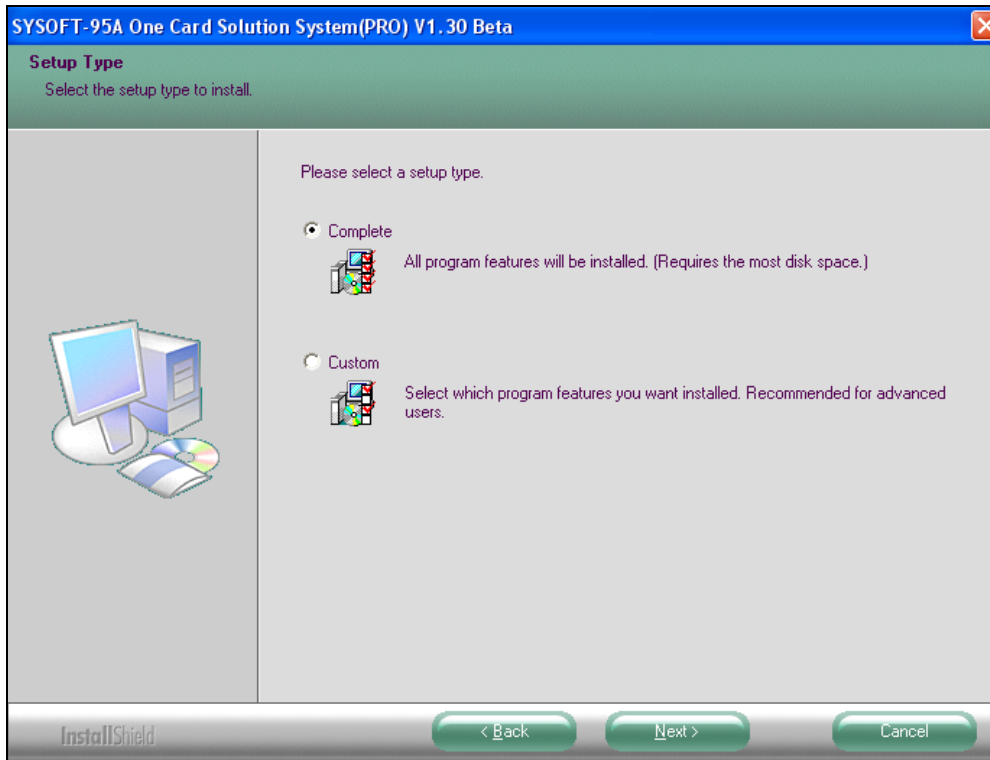
http://ftp.syris.com/SYRIS_ACS_DVD-ROM/SYSOFT-230/SYSOFT-230%20Setup%20V0114%202014-09-02.exe

2.2.1 General Installation

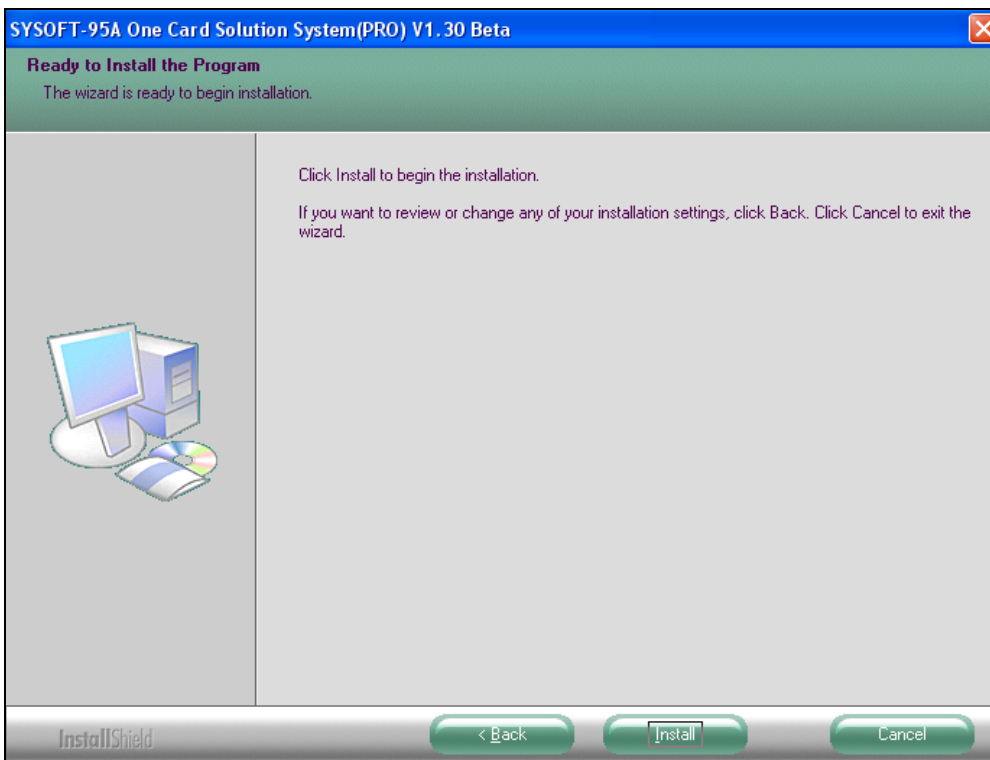
- Step 1. : Insert SYRIS software CD into CD-ROM and execute  file. The screen will appear the installShield Wizard then the system will be installed.



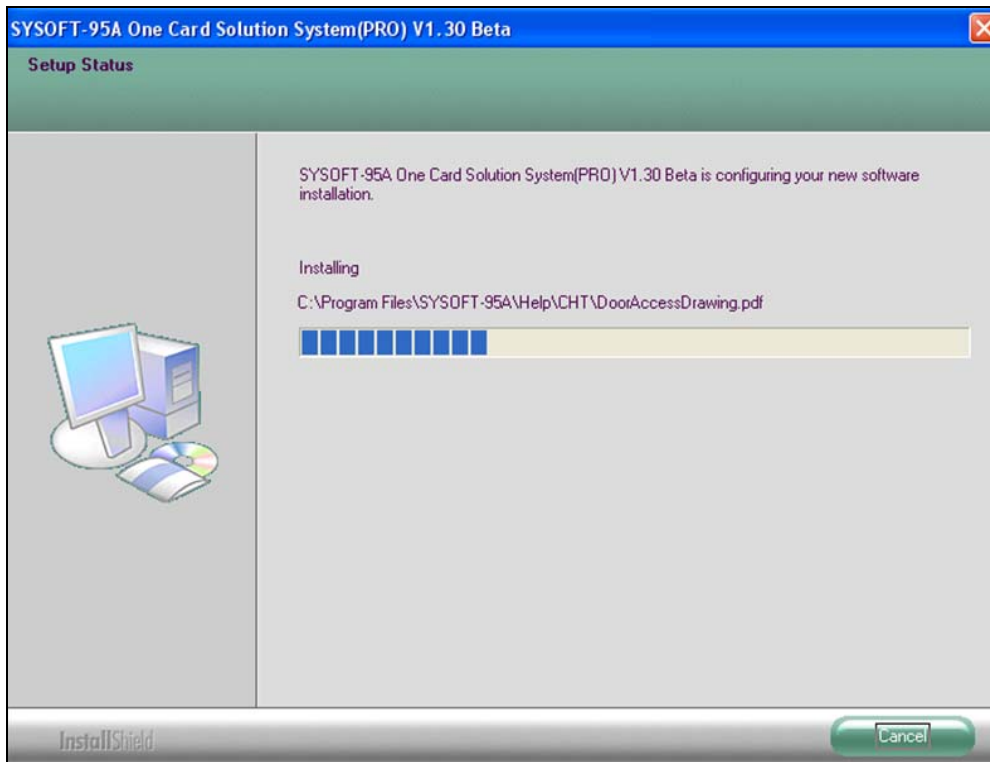
- Step 2. : Please click **NEXT** to continue.



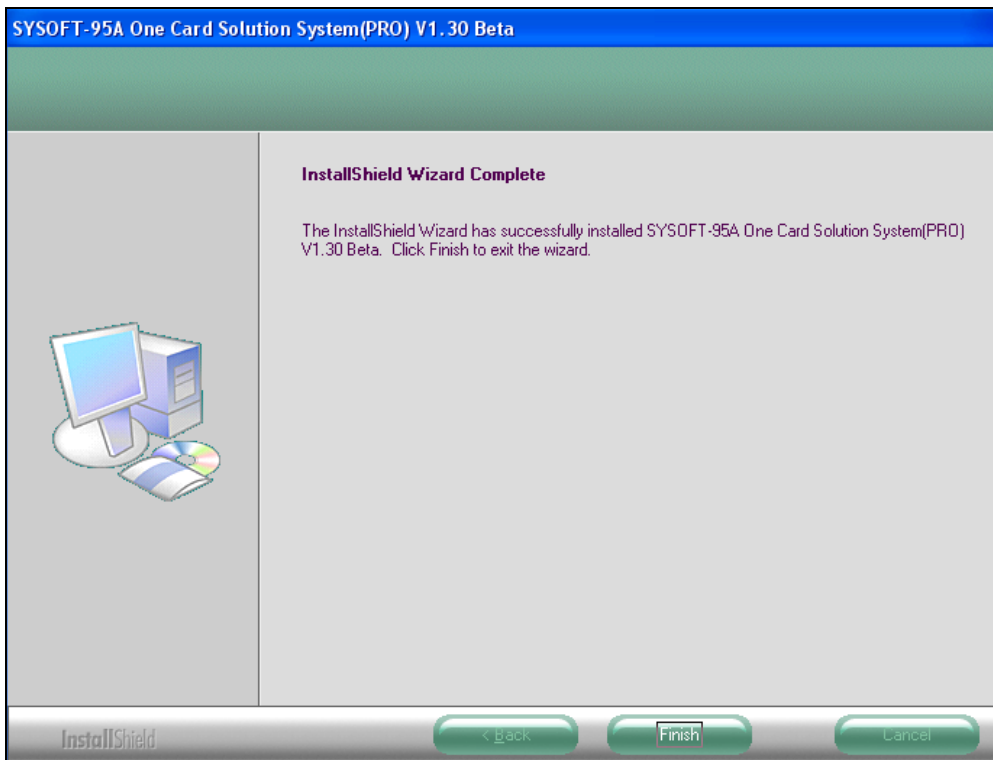
- Step 3. : Select program installation type : Please select the type as Complete then click **NEXT** to continue.



- Step 4. : Please click **Install** to setup the system.



- Step 5 : The screen displays the percentage of installation while installing system program.



- Step 6. : Please click Finish to complete the system install.

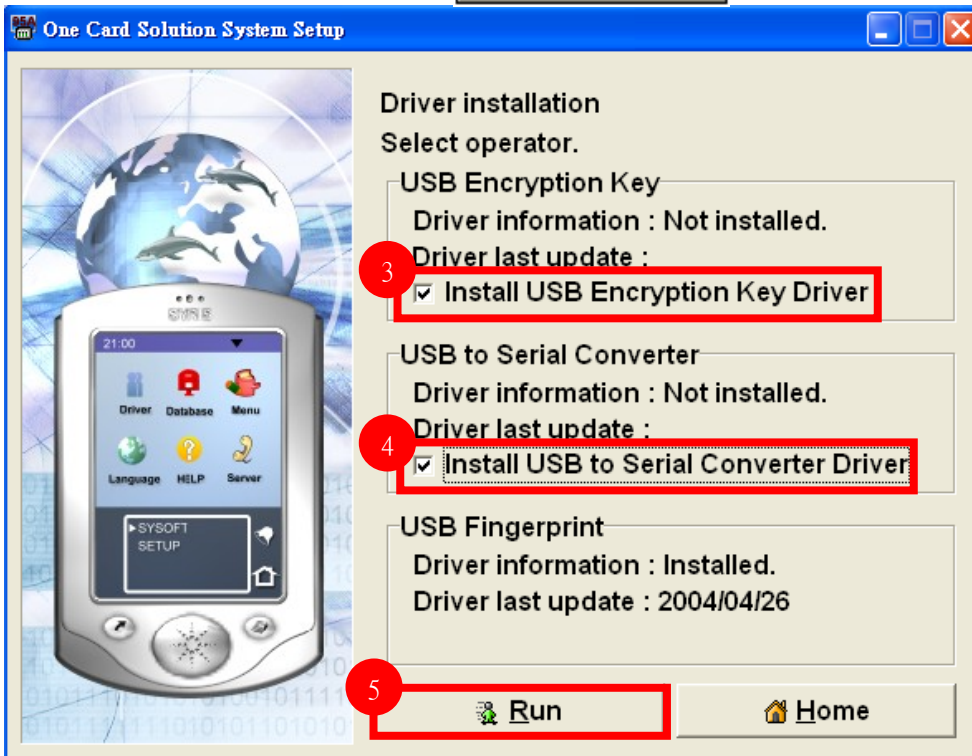
2.2.2 Driver Installation Setup



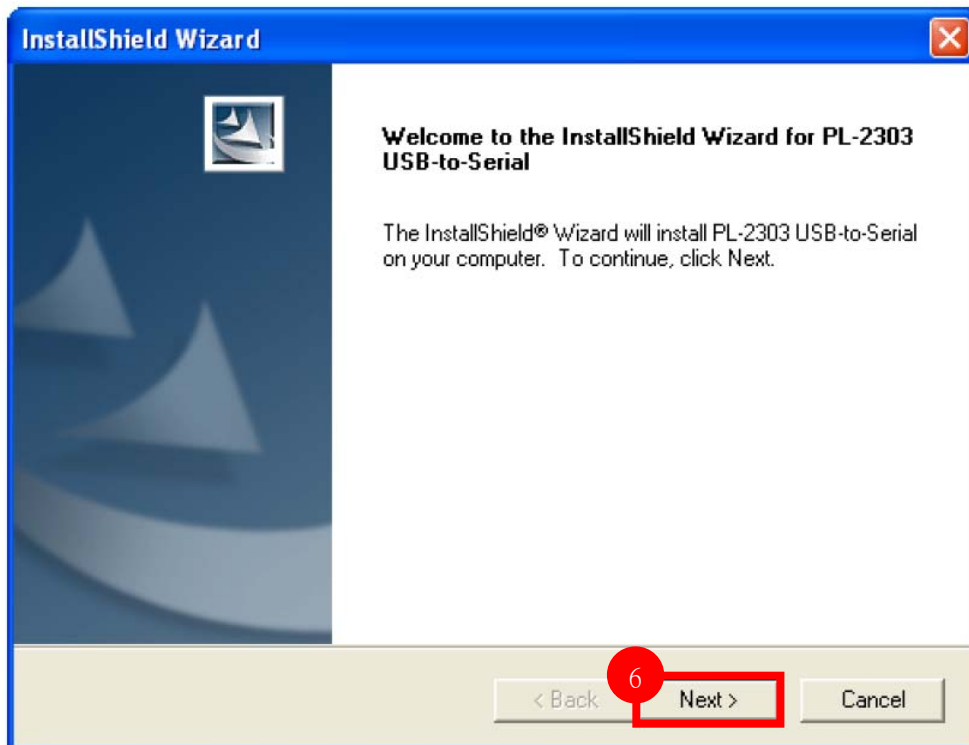
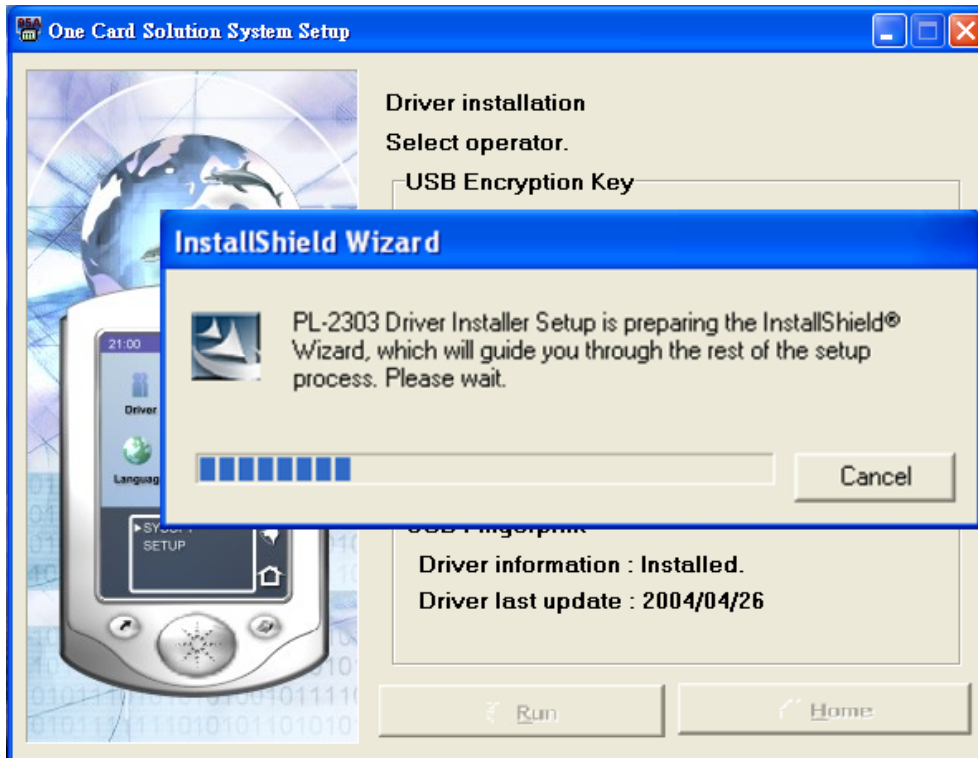
Double click the short cut on the desktop to setup system.

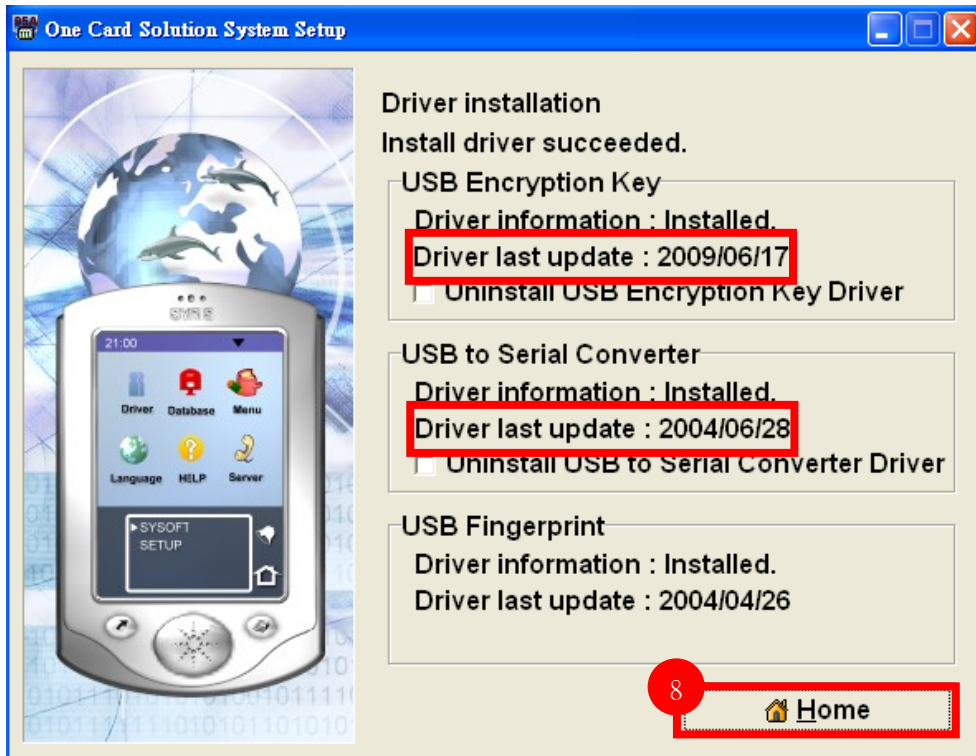
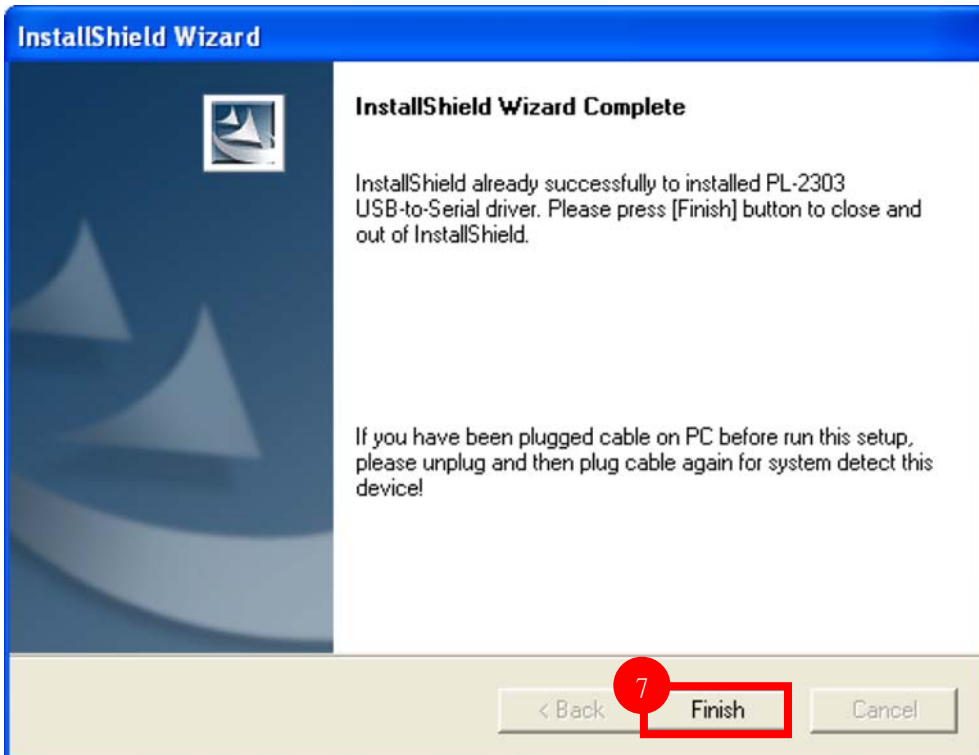


Please select Driver installation and press  to setup driver.



Then click  to install driver.

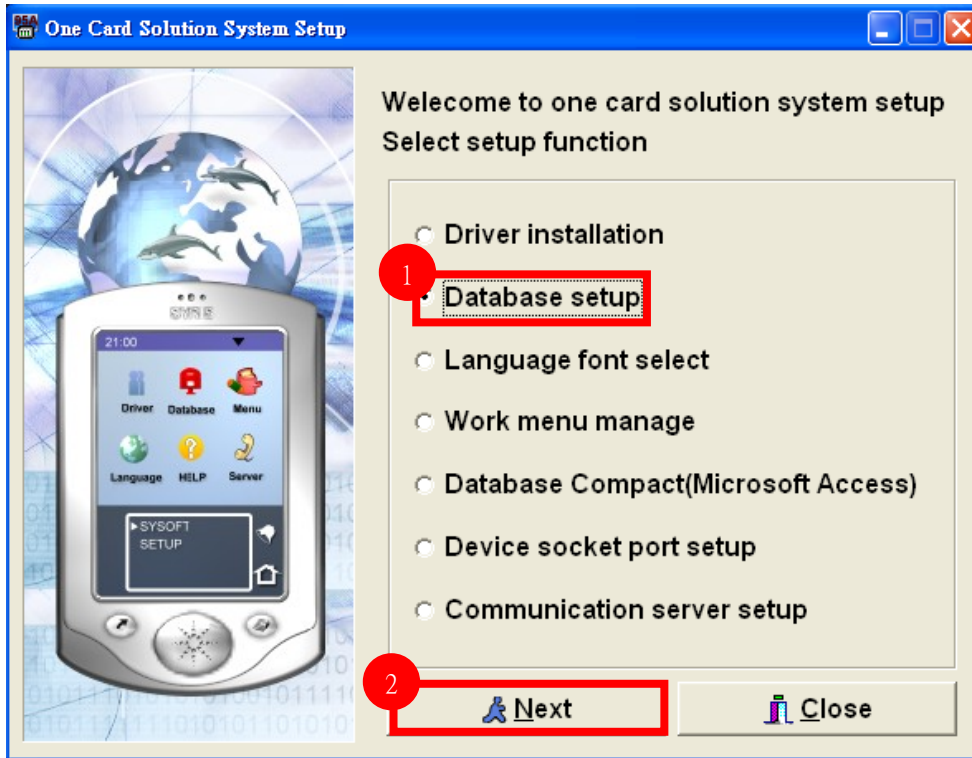




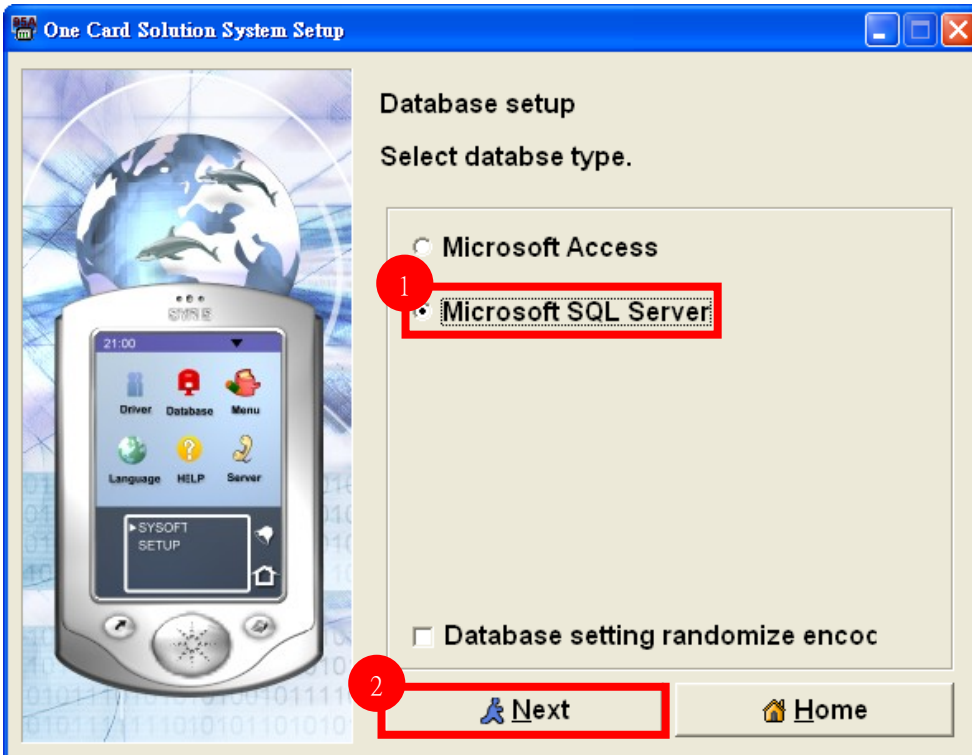
Installation is completed, please press  Home .

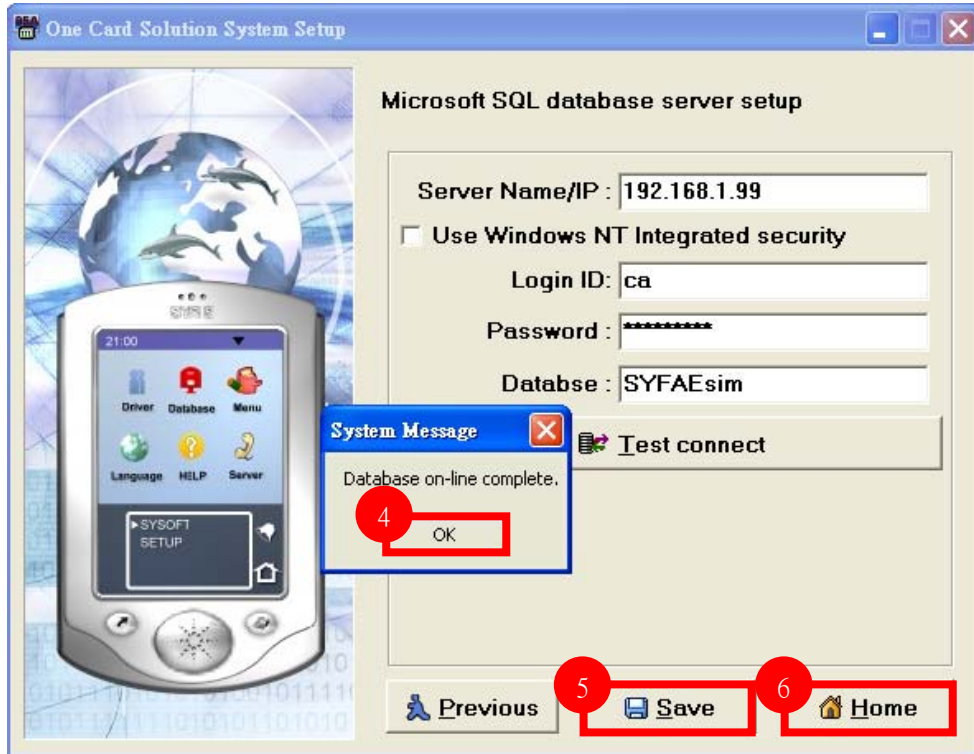
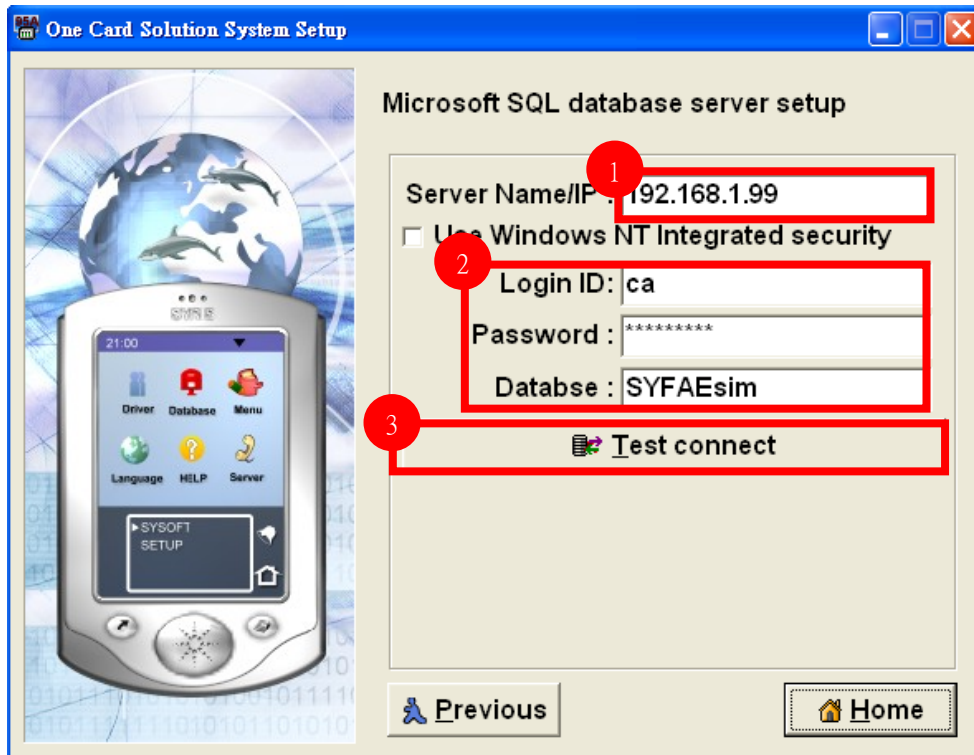
2.2.3 MS-SQL Connection Setting

Compatible MS SQL version(2000 、 2003 、 2005 、 2008 、 2012) Standard / Express.

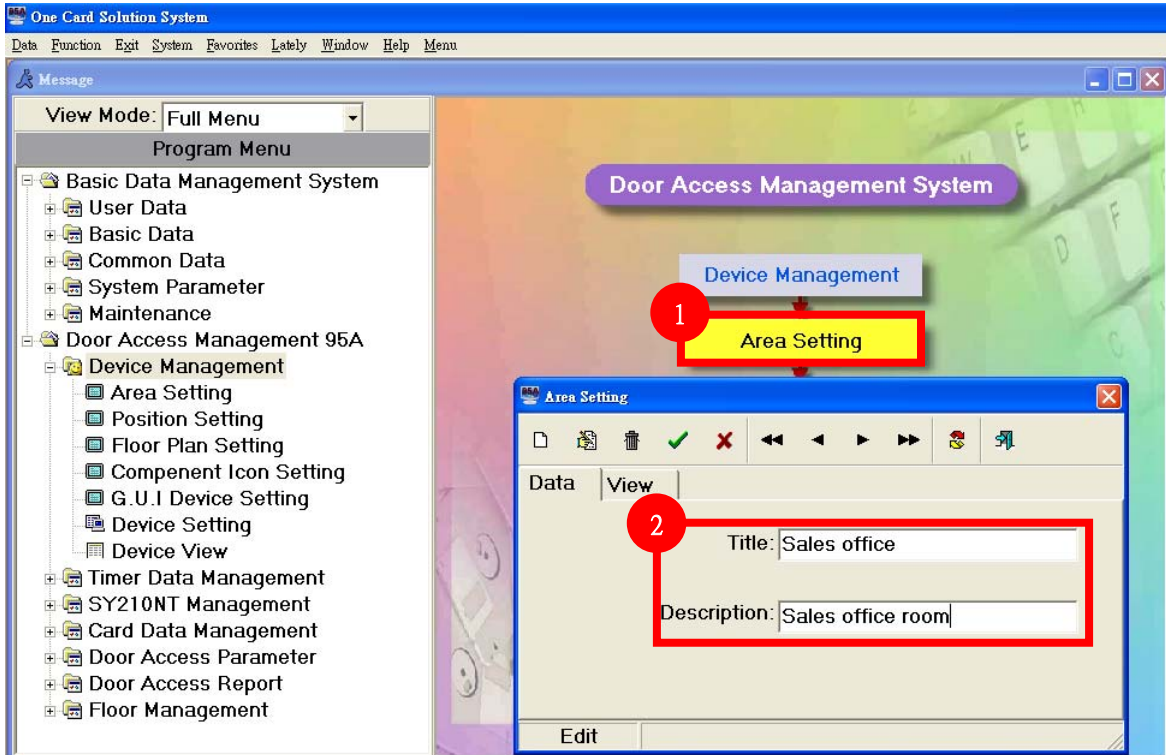


Select second option then press  **Next** to continue.



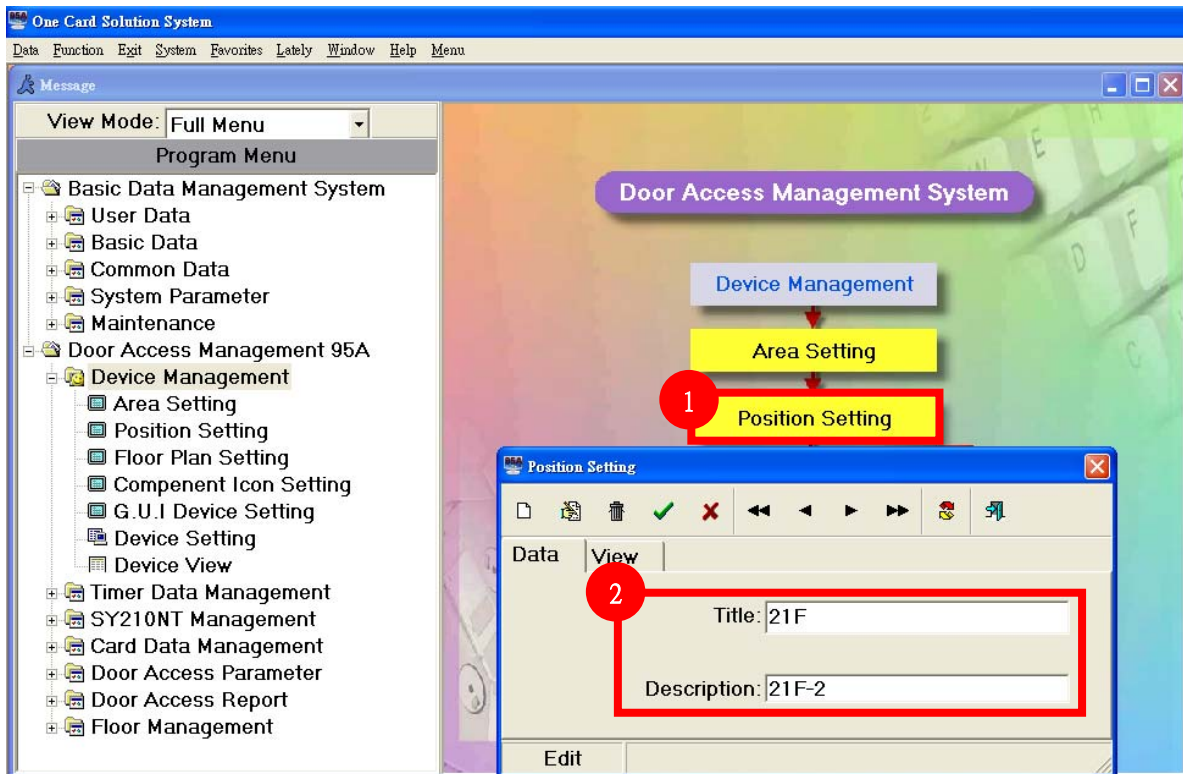


2.2.4.1 Area Setting



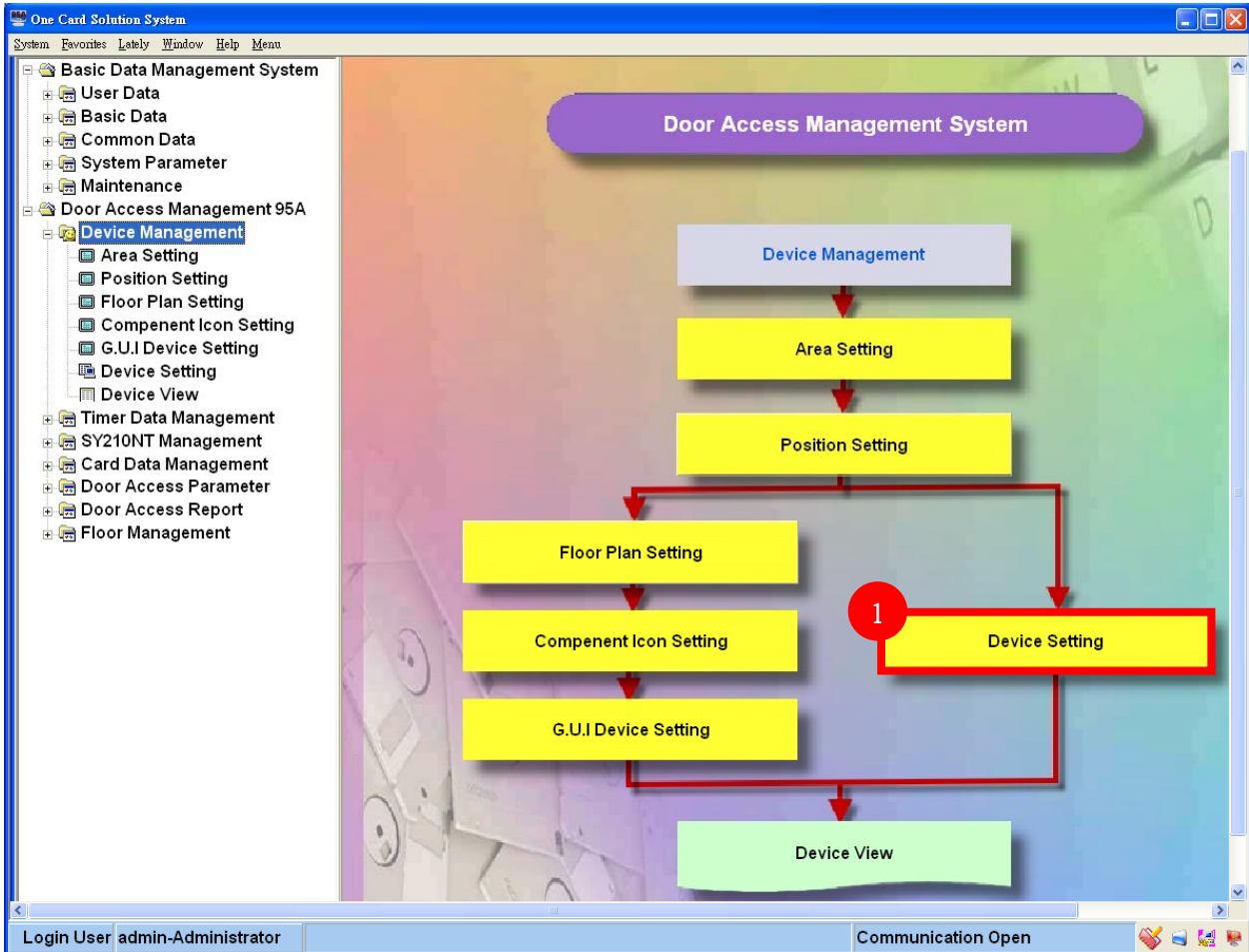
Step 1~Step 2 Area data setting.

2.2.4.2 Position Setting



Step 1~Step 2 Position data setting.

2.2.4.3 Device Setting



2 **Device Setting**

Device	Module	DI	DO	Door

Device Title: APB Move

Enable Mode:

Device ID: Device Port:

Device No: Device Type:

Device Site: Description:

Device Name	DeviceEnabl	DeviceID	DeviceSE	DeviceMo	DevicePortName	DeviceTyp	Site
▶							

View

3 **Device Setting**

Name:

Active

APB Movements at OneTin

DeviceID:

Device S/N:

DeviceType:

Mode Name:

Device Position:

Description:

Device Port:

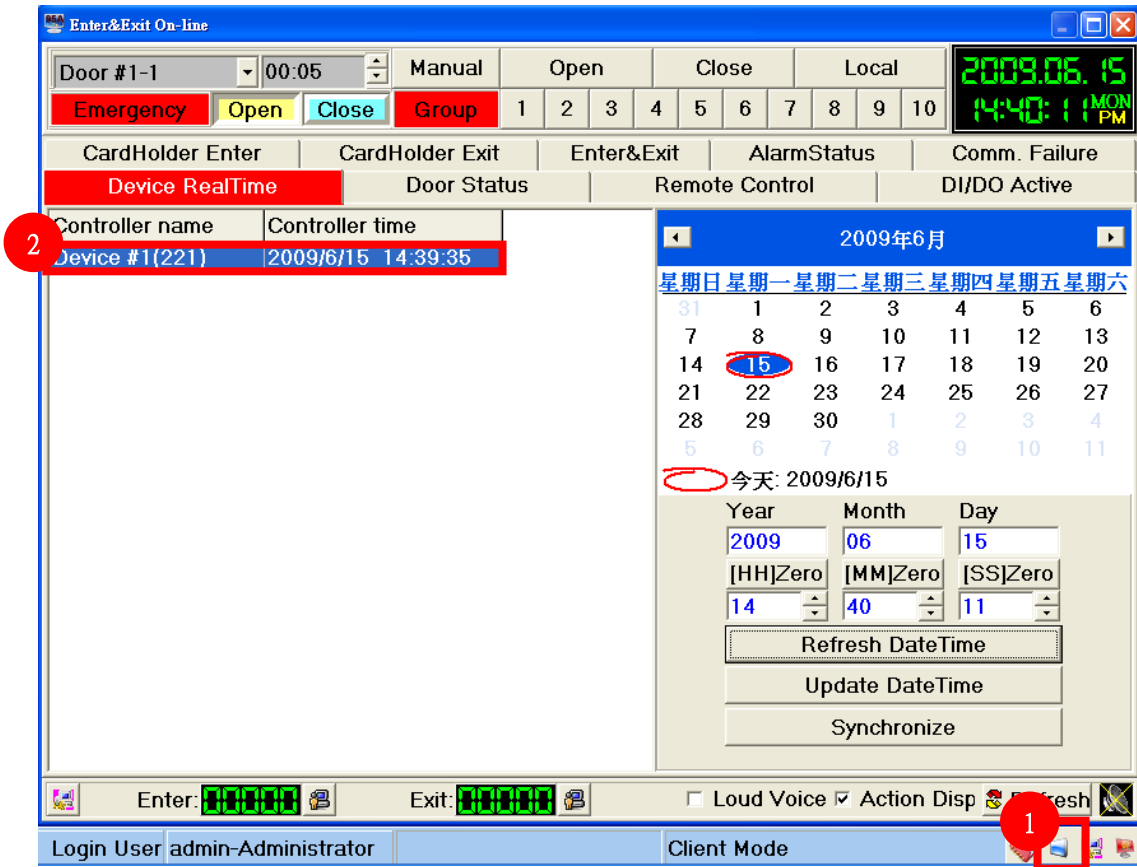
ServerIP:

Server Port:

Step 1~Step 3 Device data setting.

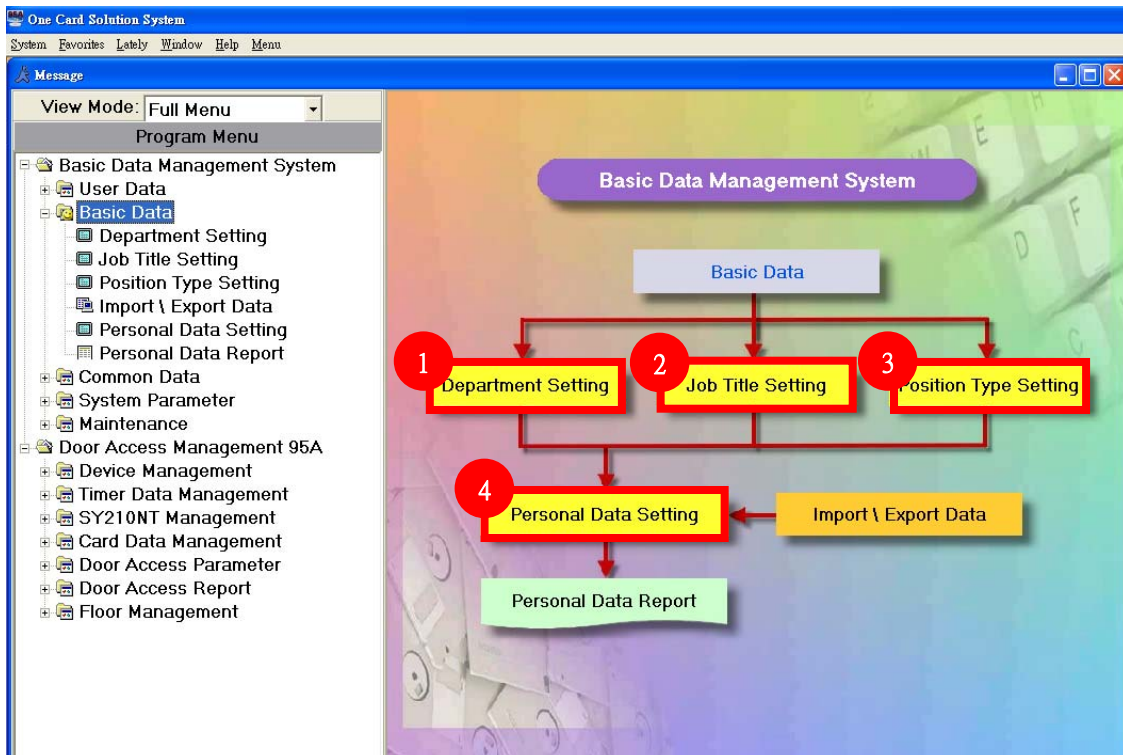
2.2.4.4 Status of Device connection

If the field of controller time is not blank, it means the connection of Device is correctly.

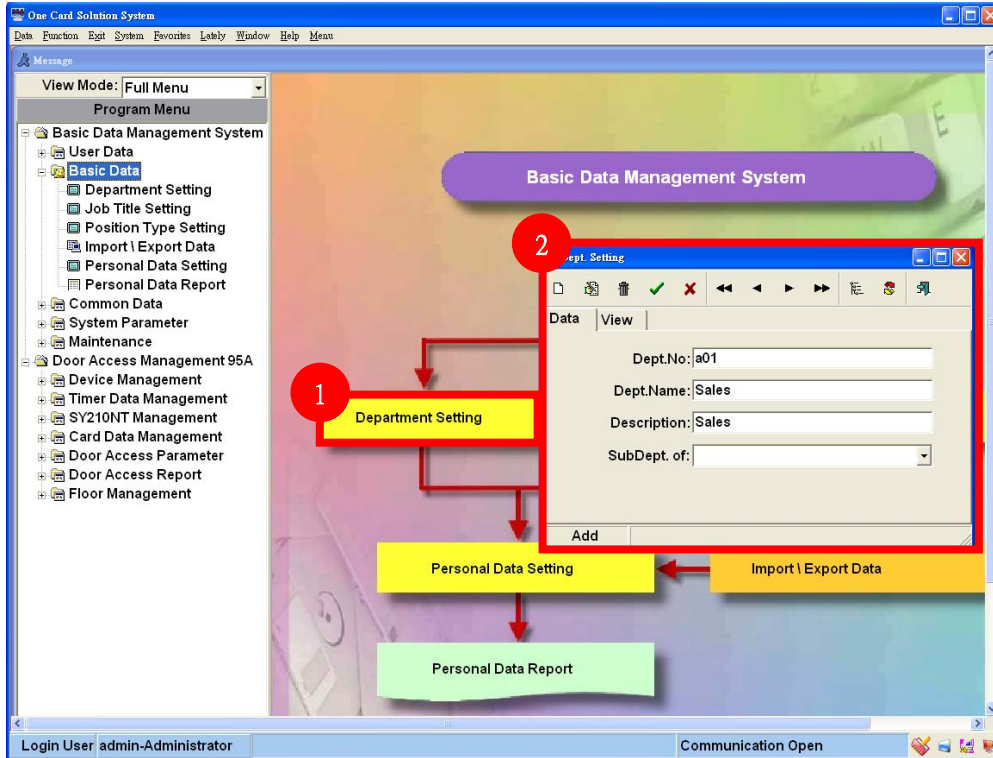


3.1 Create Holder Data

Step 1~Step 4 Holder data setting.

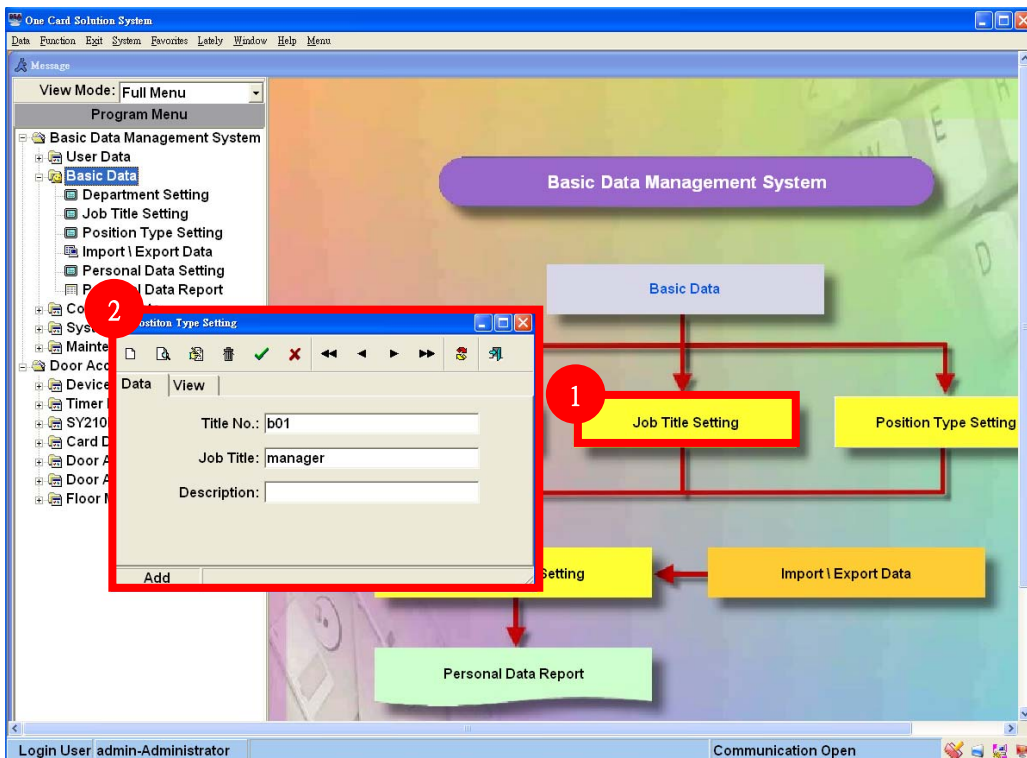


3.1.1 Create Department Data



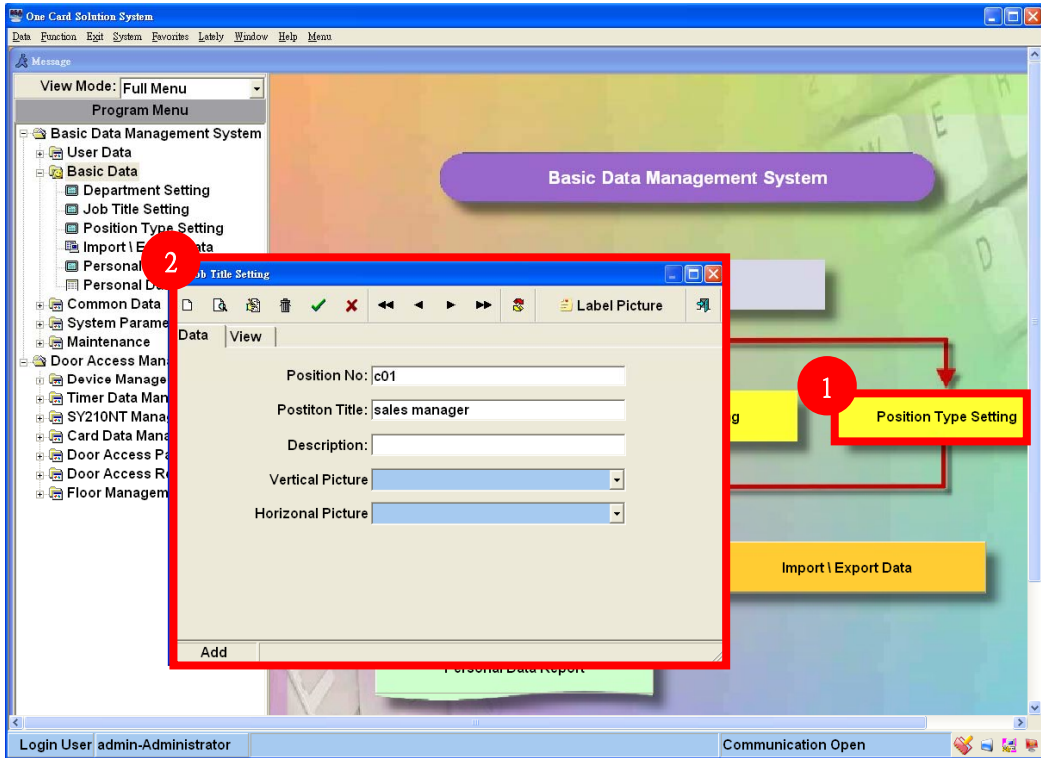
Step 1~Step 2 Department data setting.

3.1.2 Job Title Setting



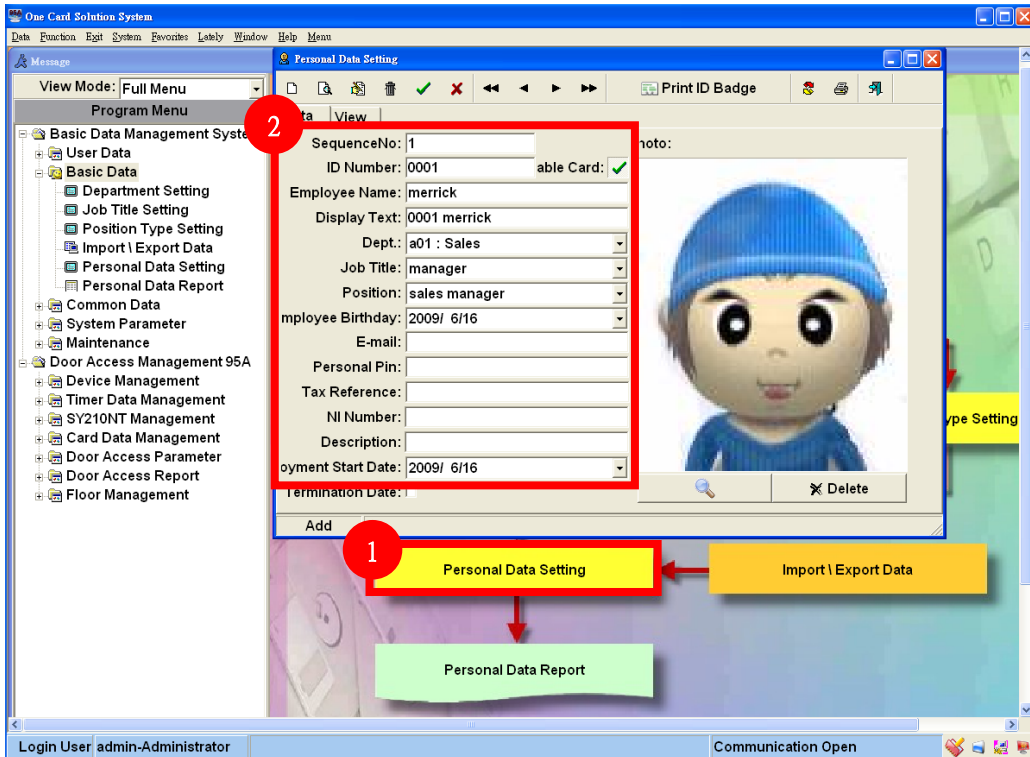
Step 1~Step 2 Job Title data setting.

3.1.3 Position Type Setting



Step 1~Step 2 Position Title data setting.

3.1.4 Holder Data Setting



Step 1~Step 2 Position Title data setting.

4.Add Card

4.1 Module setting via Controller : Step 1~11

Controller connection scan			
Step	Keypad	LCD	Description
1	MENU	System	Enter system
2	EN	Login	Login
3	EN	Password	Enter Password · Default:1234
4	1+2+3+4+EN	Master Ok	LED of Setup will on
5	▼ *4	Module Process	Option for module setting
6	EN	ADD Module	Option of adding module
7	▼ *3	Module PlugPlay	Option of scanning module
8	EN	Module Waitting	Scanning connected module
9	Please waiting	Find : 01 OK	Connected module will be shown
10	CLR	Module PlugPlay	Finish setting, back to scan module connection
11	CLR * 3	Date & Time	Logout

Notice : Controller will shown the result of scanning connected module. Normally, the screen will display the number of connected module that will meet the number of installed module. For example, if you installed 4 reader under controller, the screen will display Find : 04 OK.

Notice:

Each module/reader will be setup ID = 1 as factory default. So if the number of reader is more than 1, please make sure each reader has been set with different ID number first.

4.2 Module Setting via Controller (Reader Setting) : Step 1~12

Please activate Plug&Play after setting module ID to finish installation.

Reader ID Setting			
Step	Keypad	LCD	Description
1	MENU	System	Enter system
2	EN	Login	Login
3	EN	Password	Enter Password · Default:1234
4	1+2+3+4+EN	Master Ok	LED of Setup will on
5	▼ * 6	System Process	Option of System Setting
6	EN	APBLevel Seting	Option of Anti-Pass Back
7	▼ * 2	Change ModuleID	Option of Modify/Setup ID
8	EN	Module [READER]	Select module via click ▲ ▼
9	EN	Serial 03150001	Enter serial number (*1)
10	EN	ModuleID ID = [1]	Setup Module ID (*2)
11	EN	Change ModuleID	Return previous level after setting ID
12	CLR * 3	Date & Time	Logout

*1 : You can find the serial number on the back of package or back of product.

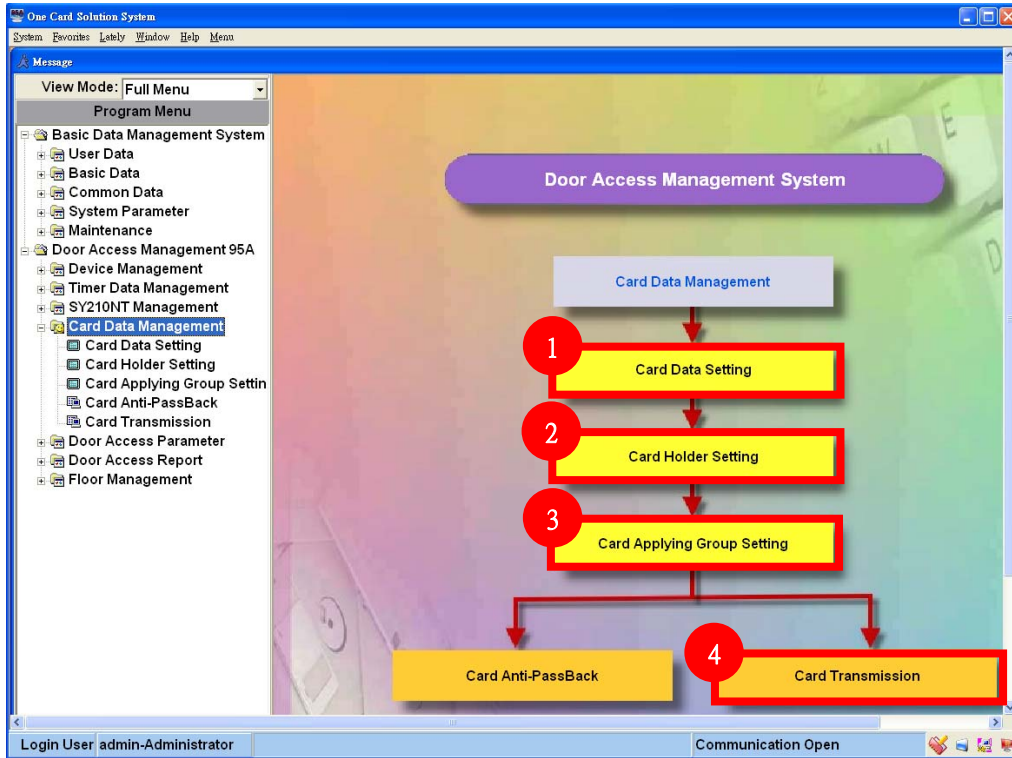
*2 : The rule of reader ID as following.

	Door 1	Door 2	Door 3	Door 4
Reader for Entry	ID 1	ID 2	ID 3	ID 4
Reader for Exit	ID 5	ID 6	ID 7	ID 8

4.3 Add Card via Controller : Step 1~11

Add Card			
Step	Keypad	LCD	Description
1	MENU	System	Enter system
2	EN	Login	Login
3	EN	Password	Enter Password , Default:1234
4	1+2+3+4+EN	Master Ok	LED of Setup will on
5	CLR * 2	System	Back to system option
6	▼ * 1	Card	Select option by click ▲▼
7	EN	Add Card Process	Add Card
8	EN	Add Card BySerial	Auto Add Card by serial number
9	EN	Ins Card	Waiting user flash card
10-1	Flash Unused Card	Ins Card [0001]	First card as 0001
10-2	Flash Used Card	Ins Card Card Use	Card already in used
11	CLR * 4	Date & Time	Logout

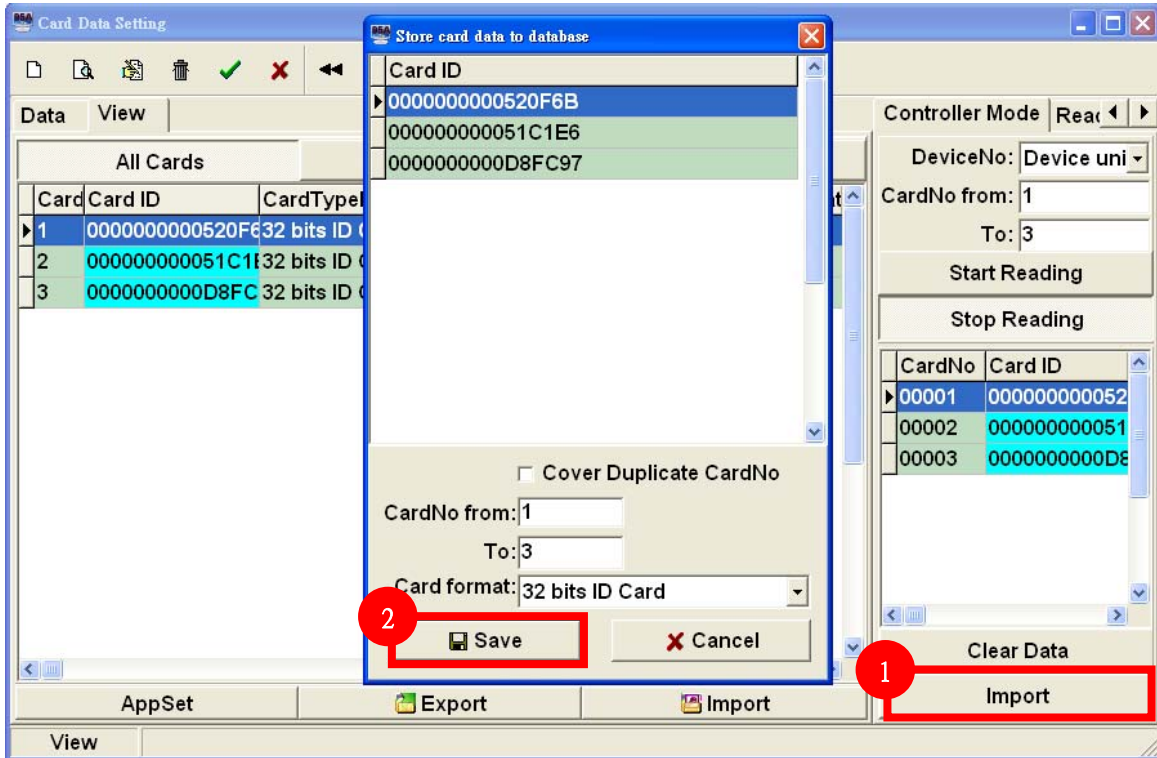
4.2 Card Data Setting



4.2.1 Card Data Setting

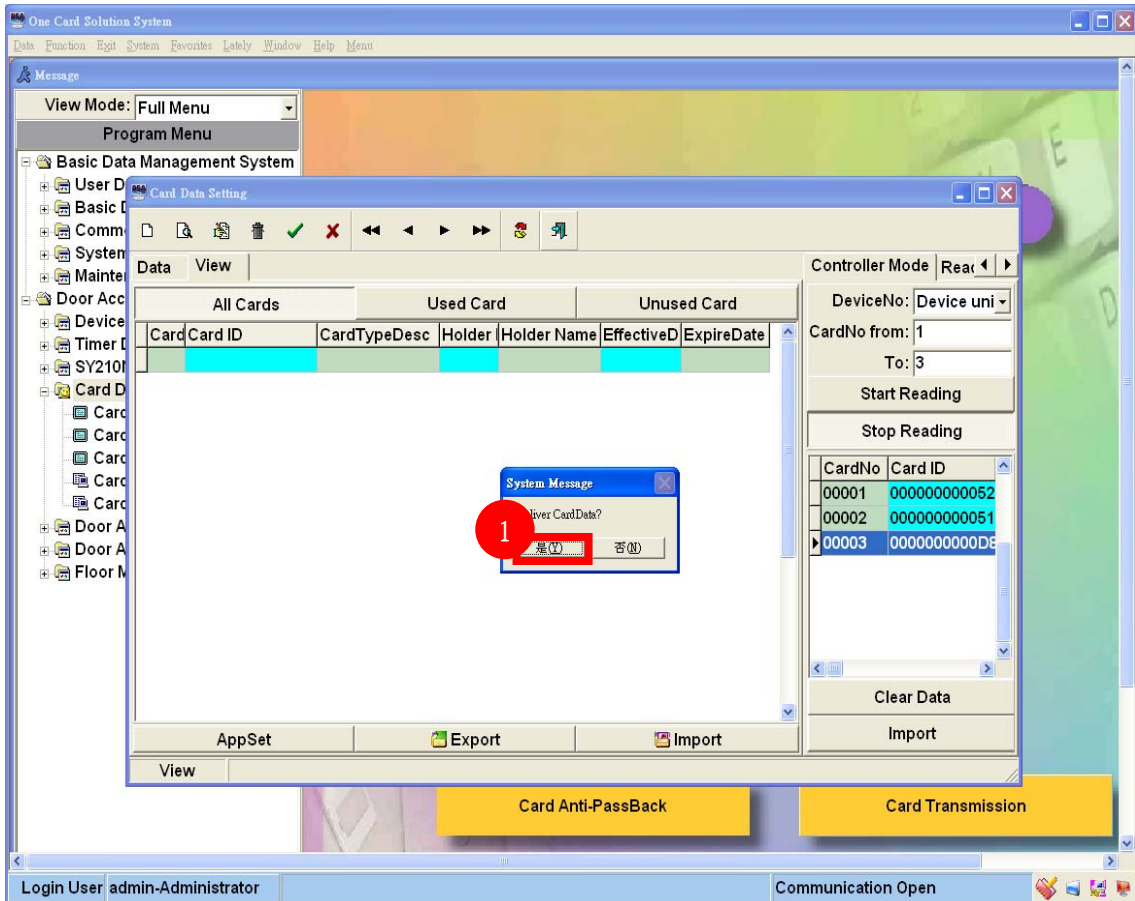
Select the controller that is used to add card, then enter the card number range from 1~3(if you only add 3 cards). Click to get the card id from controller.

4.2.2 Card Data Setting



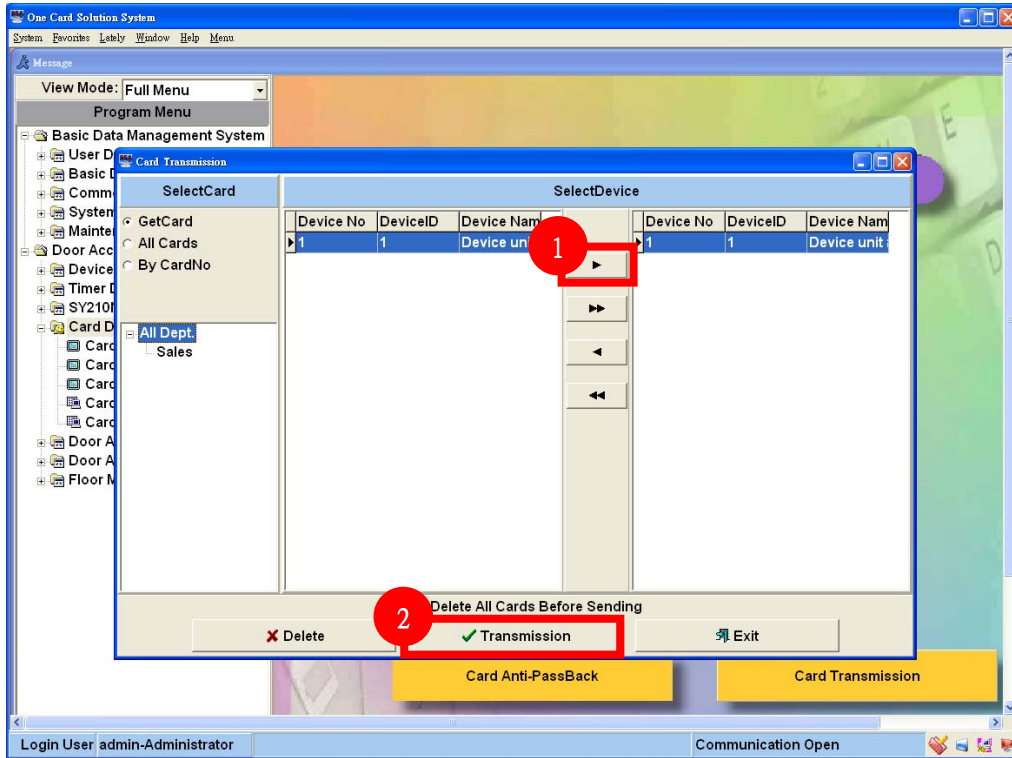
Click **Import** to import the card id, then click **Save** to save.

4.2.3 Card Data Setting



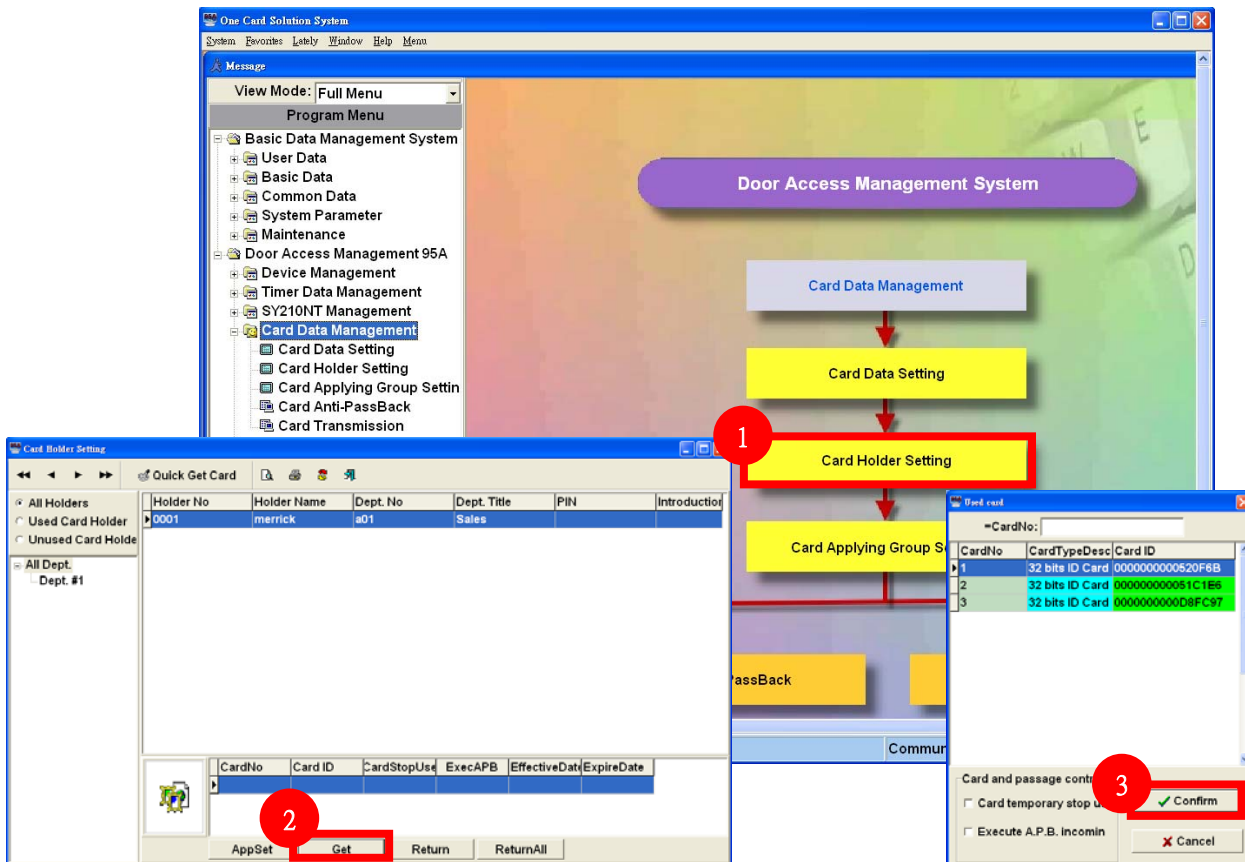
Click Yes to transmit card data to controller.

4.2.4 Card Data Setting



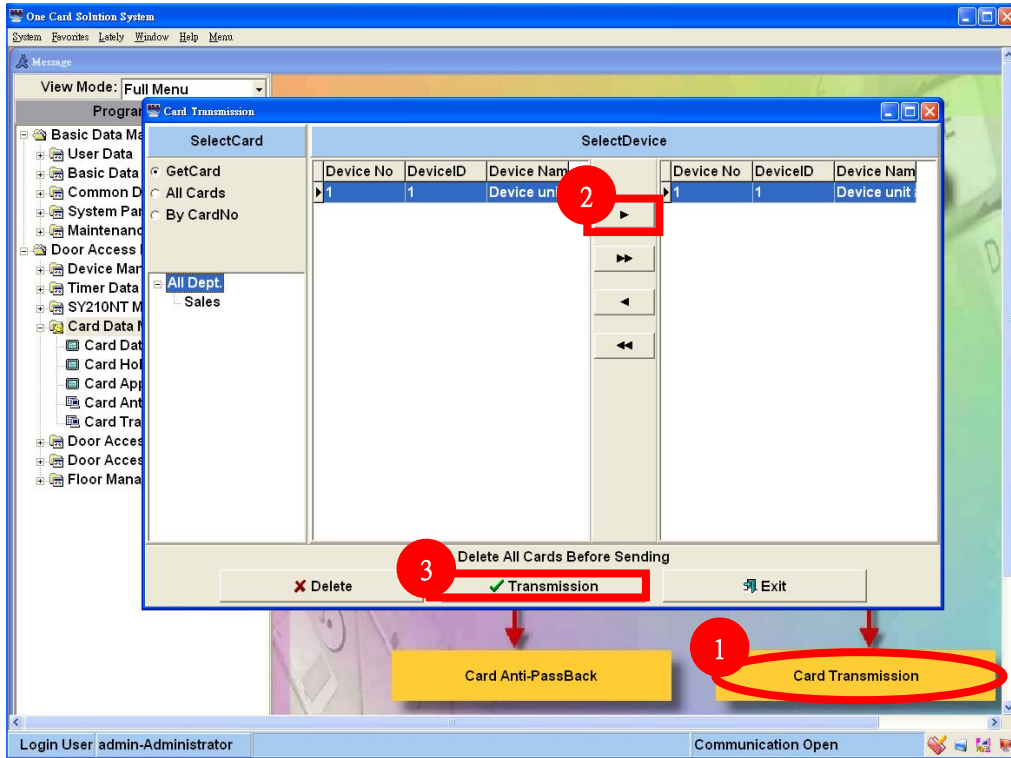
Click to transmit card data to controller.

4.2.5 Card Data Setting



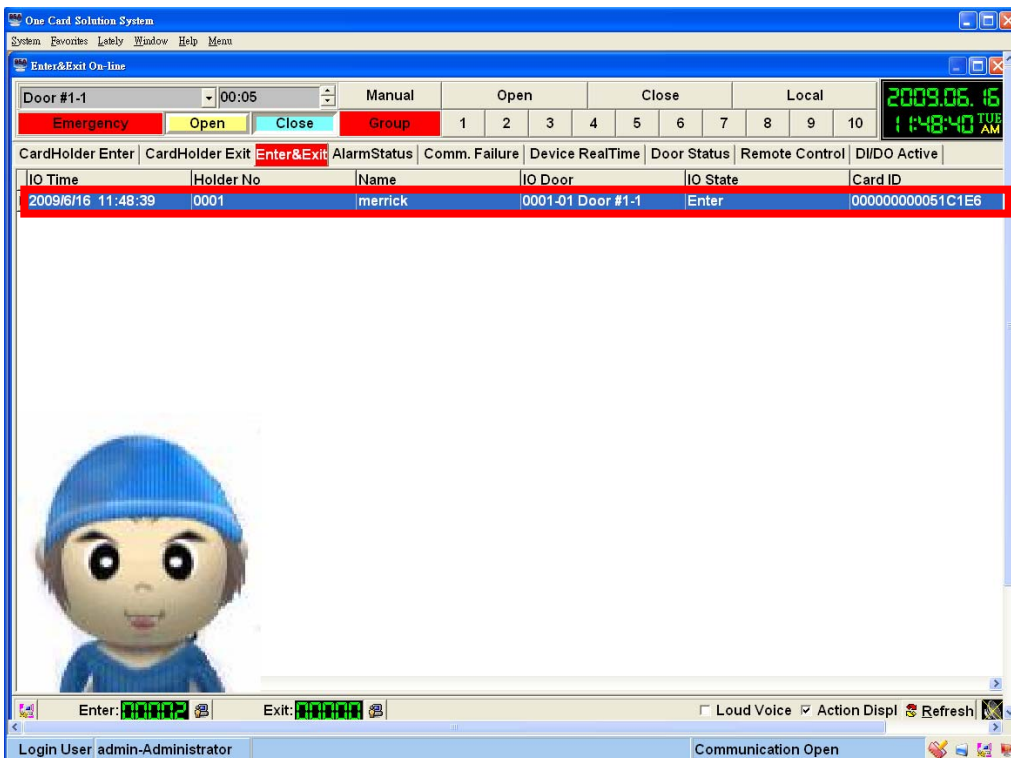
Choose the holder then click to choose the card that is assigned to the holder. Finally please click .

4.2.6 Card Transmission



Click  to transmit card data to controller.

4.2.7 Card Flash

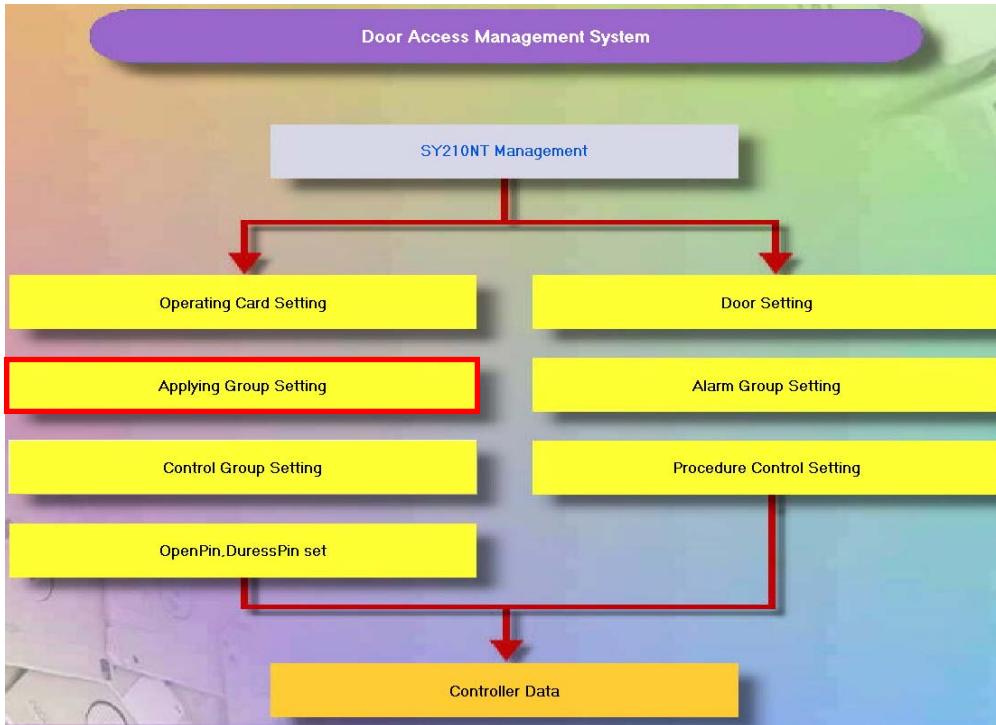


4.2.8 Applying Group Setting

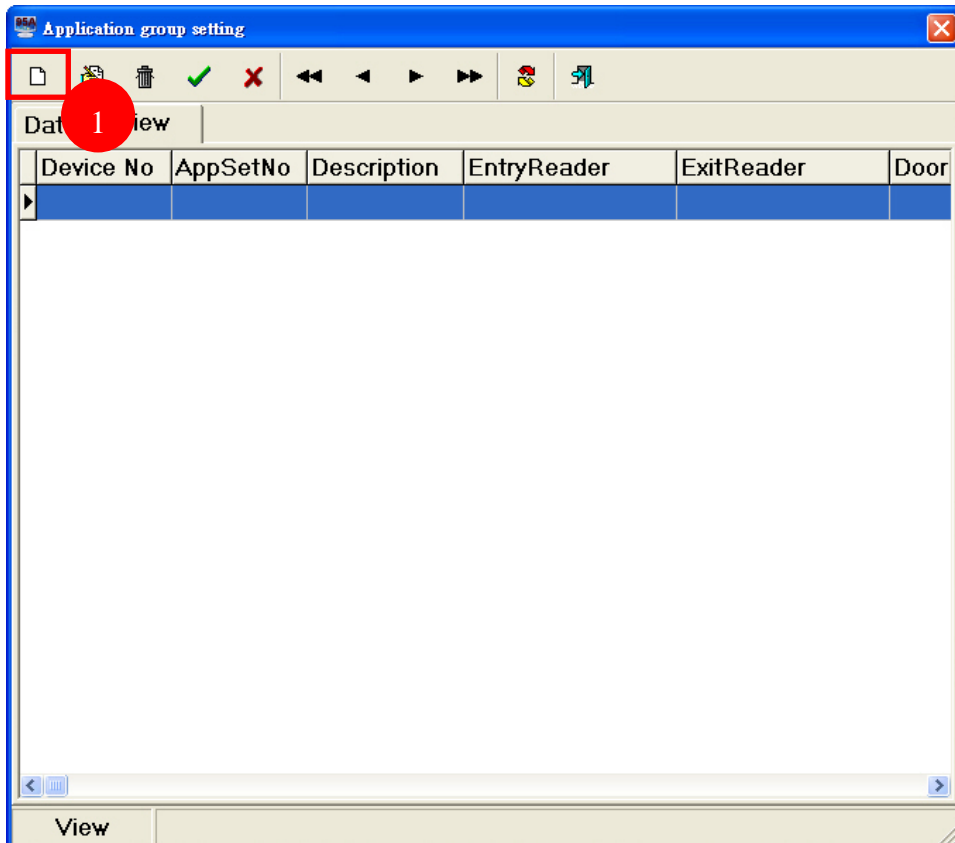
Example for reader access Applying Group Setting

The holder 1 use valid card 1 can access all readers, the holder 2 use valid card 2 can access reader 1, 2, 5, 6, the holder 3 use valid card 3 can access reader 3, 4, 7, 8.

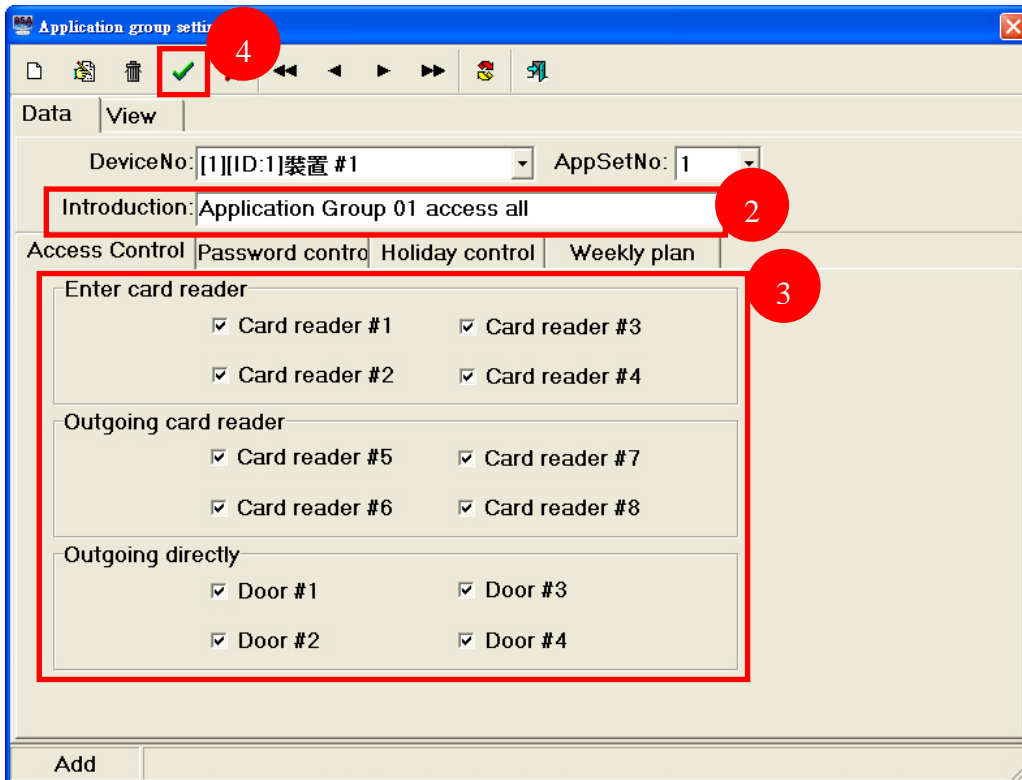
Applying Group Setting



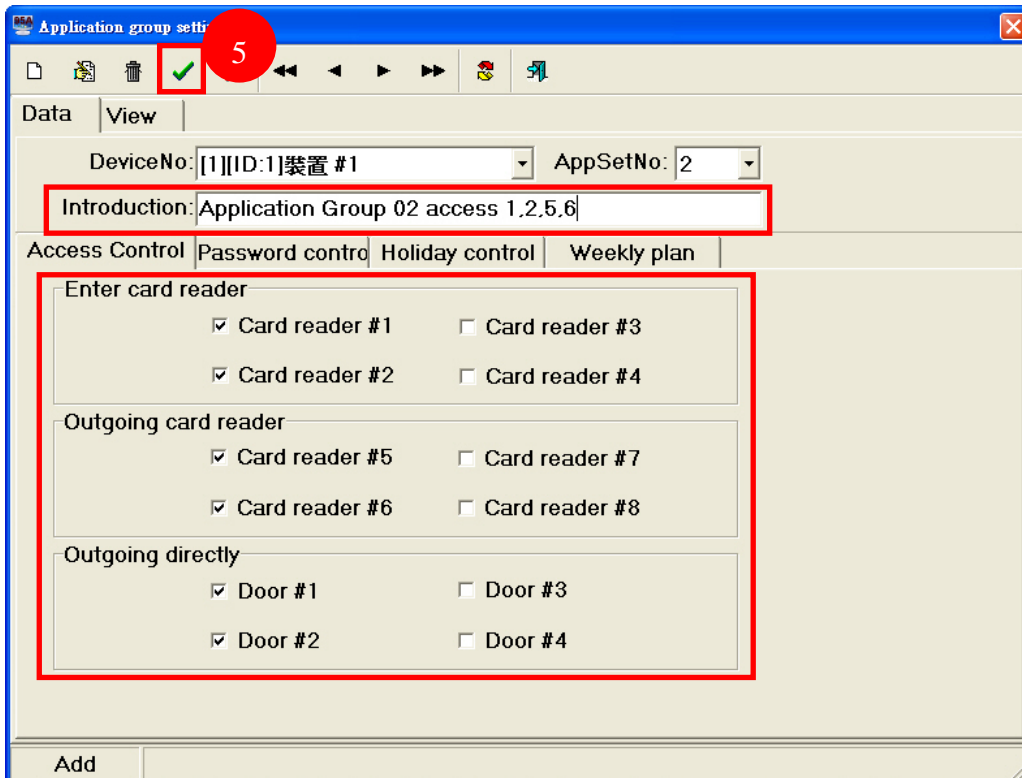
1. Add new Application group.

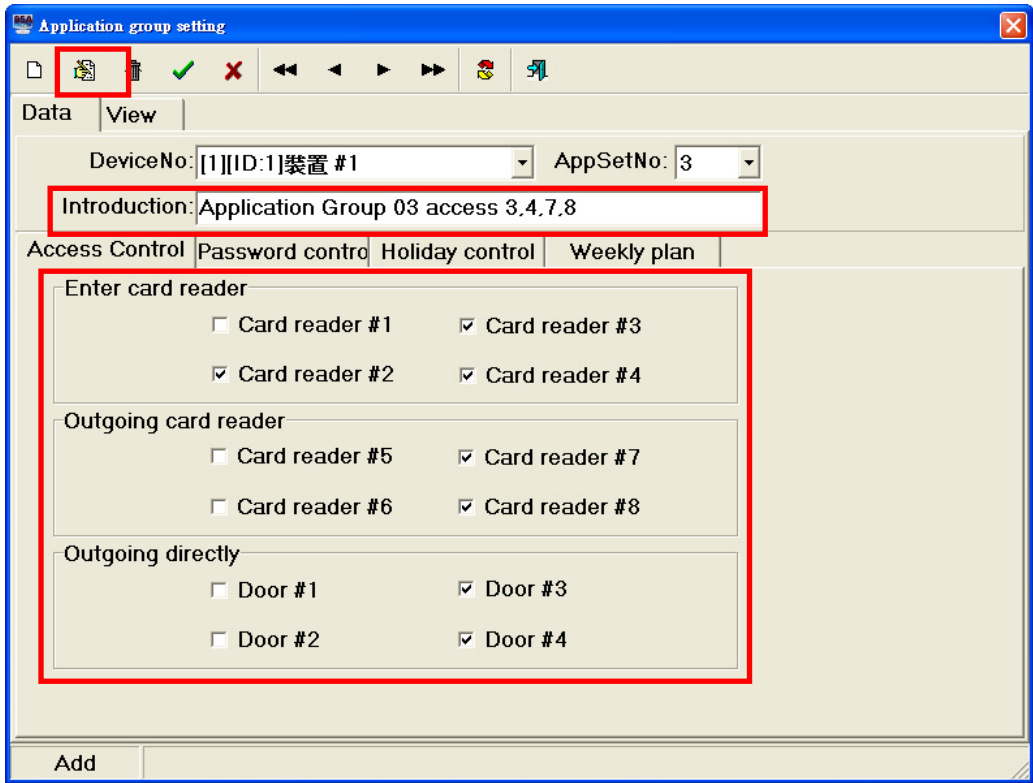


2. Modify Introduction.
3. Select reader that use valid card can access.
4. Confirm setting.



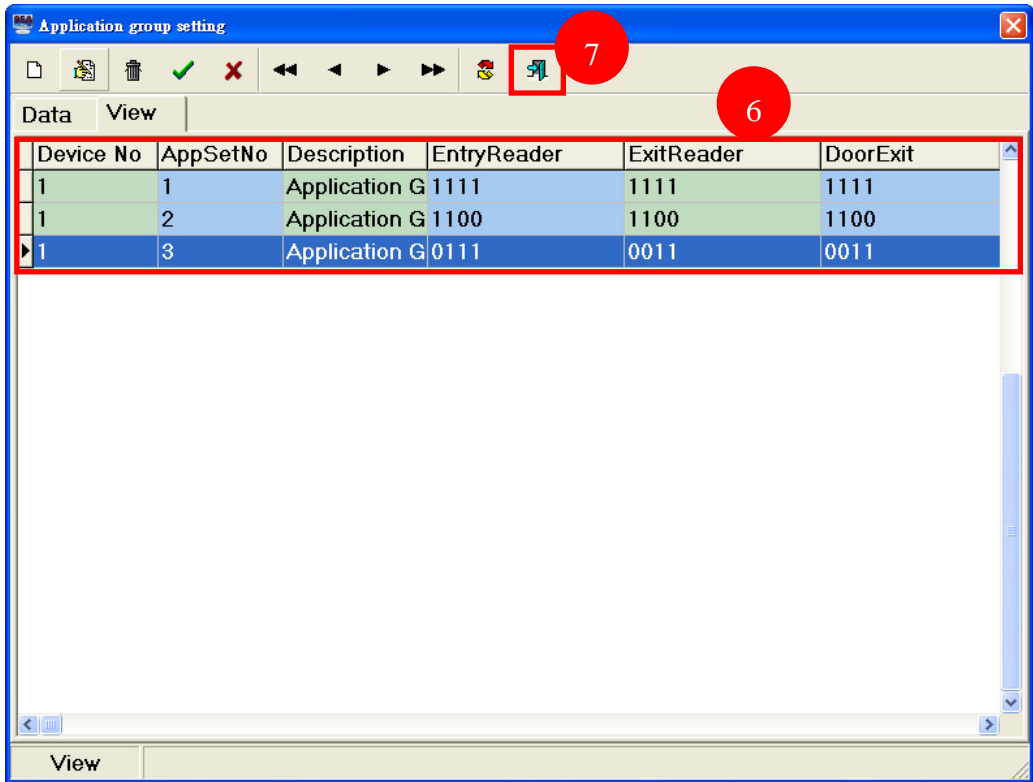
5. Repeat step 1~4, add application group 02 and 03.



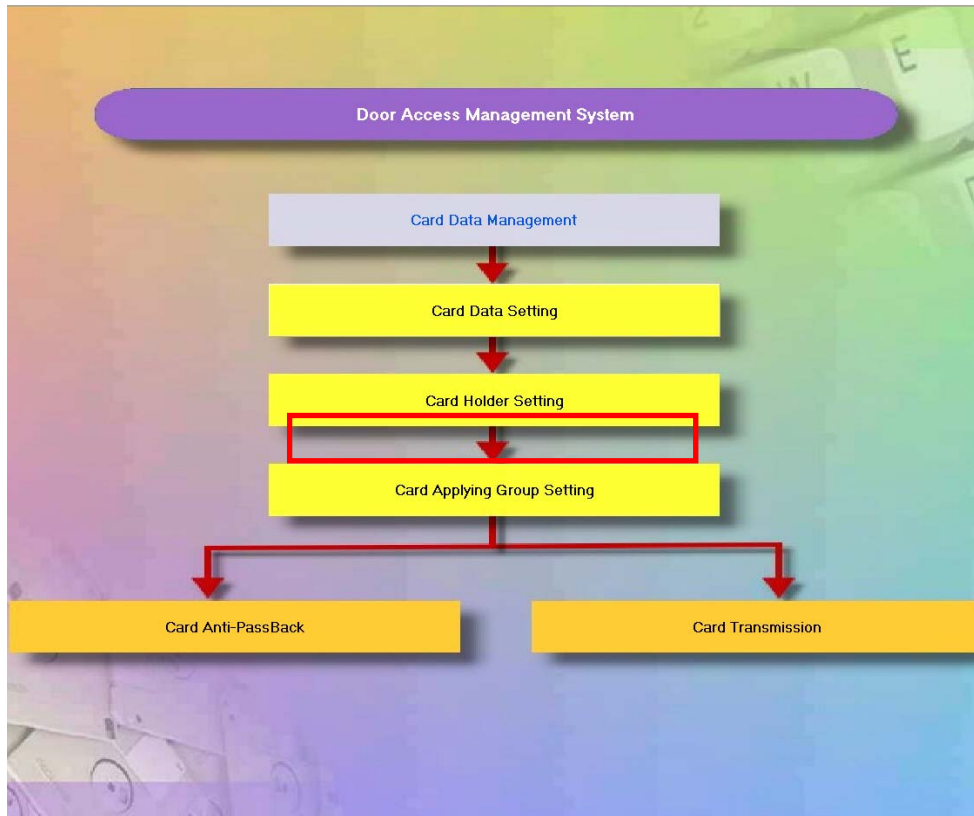


6. Show the application 01~03.

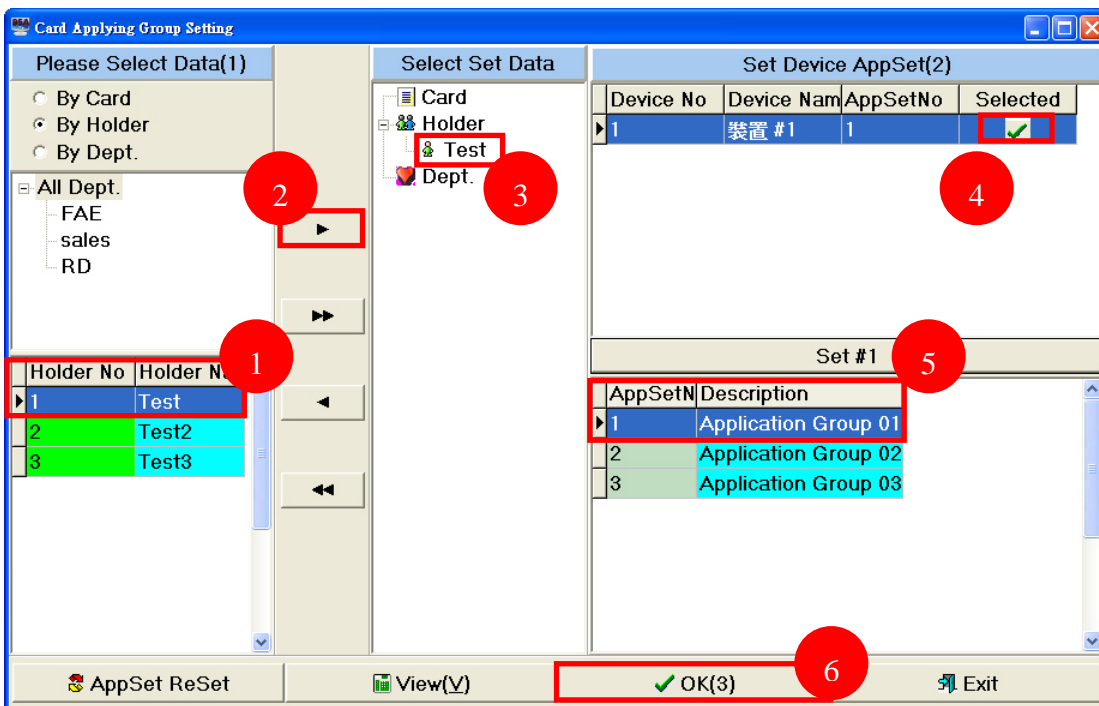
7. Exit Application group setting.



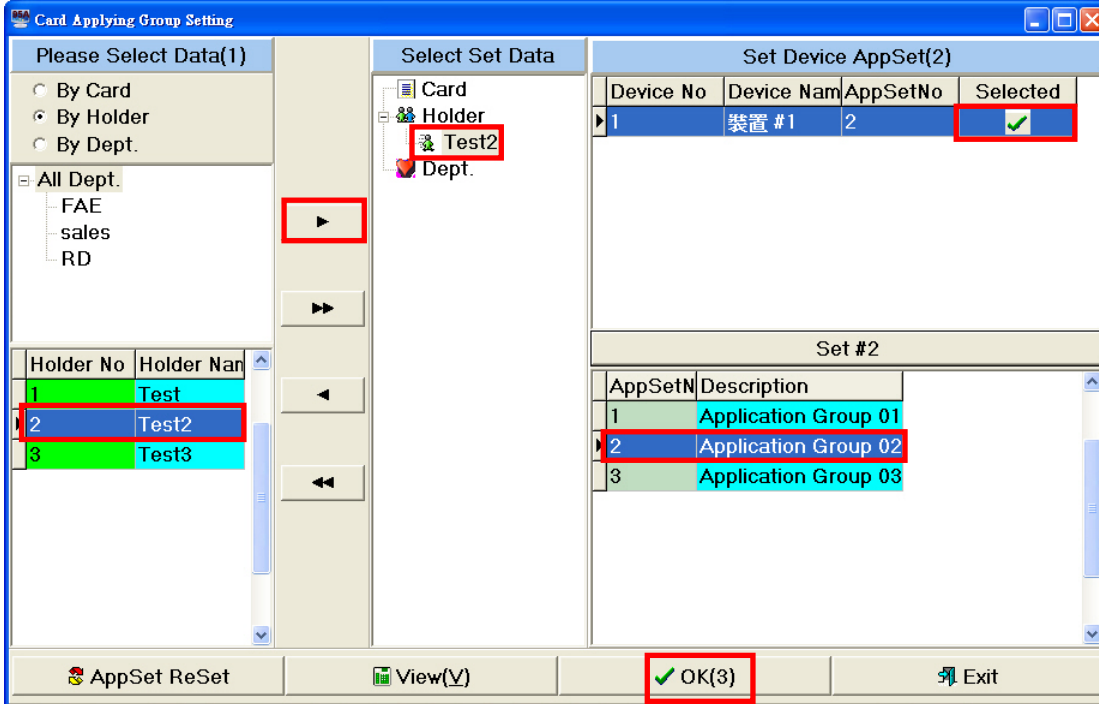
Card Applying Group Setting



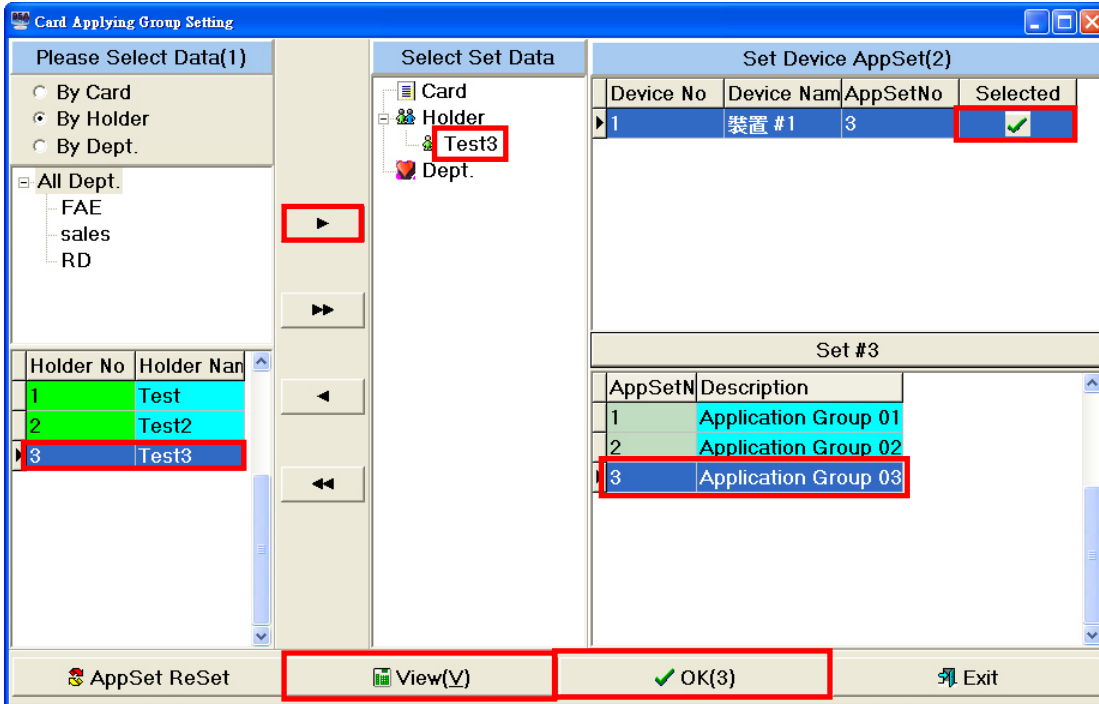
1. Select Holder No1 Guest.
2. Transfer to Select Set Data field.
3. Show the Holder No1 Guest.
4. Select controller device.
5. Select application group.
6. Confirm setting and transfer the application setting to controller device.



7. Repeat step 1~6, the valid card 2 and 3 apply application group 02 and 03.



8. View the application group.

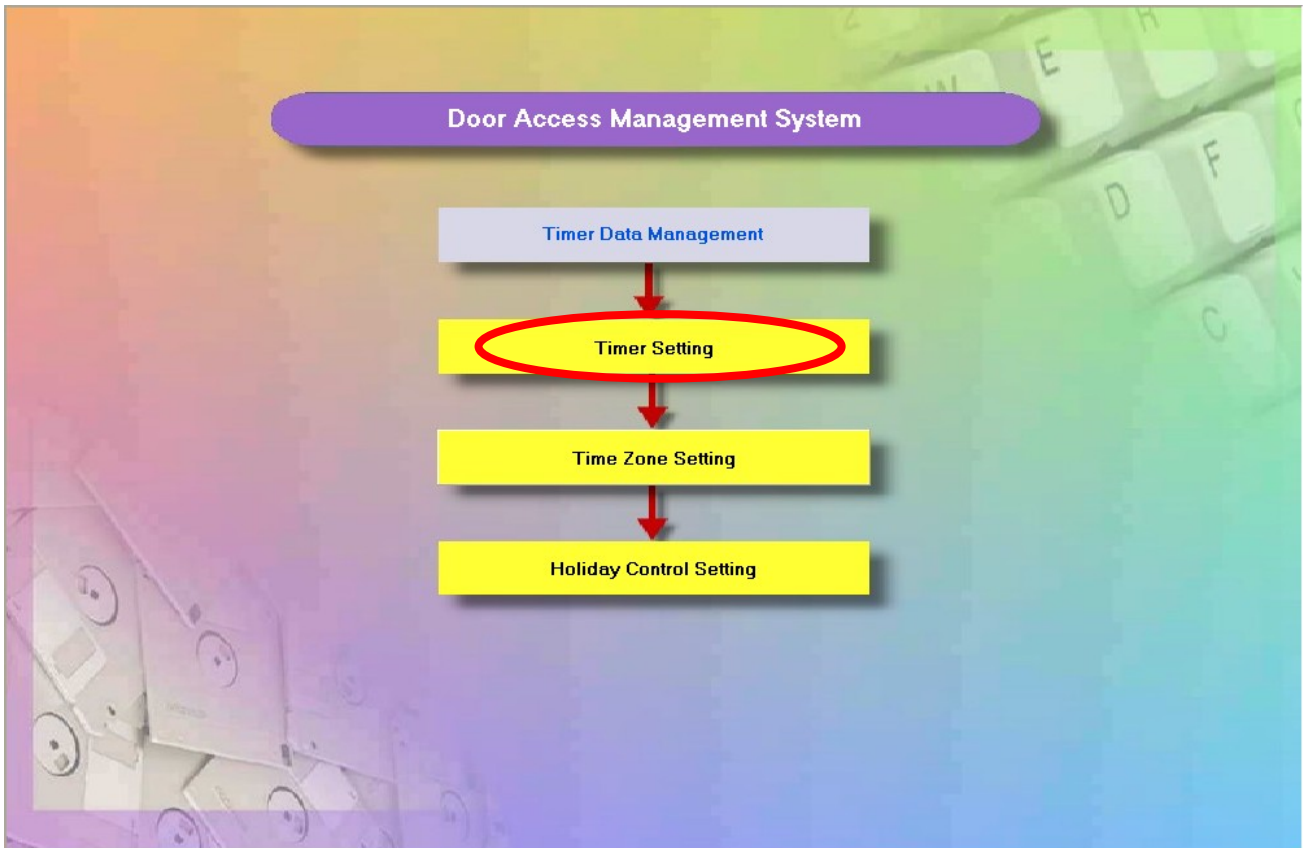


9. Show the application group.

The screenshot shows a software window titled "Card AppSet View". It features a navigation bar at the top with left and right arrow buttons and a search icon. Below the navigation bar are two radio buttons: "By DeviceUnit" (which is selected) and "By Holder". The main area of the window is divided into two panes. The left pane contains a table with columns "Device No", "Device Name", and "Device ID", showing a single entry: Device No: 1, Device Name: 装置 #1, Device ID: 1. The right pane contains a larger table with columns "Holder No", "Holder Nam", "Device No", "Device Nam", "DeviceID", and "AppSetNo". This table has three rows: Row 1: Holder No: 1, Holder Nam: Test, Device No: 1, Device Nam: 装置 #1, DeviceID: 1, AppSetNo: 1; Row 2: Holder No: 2, Holder Nam: Test2, Device No: 1, Device Nam: 装置 #1, DeviceID: 1, AppSetNo: 2; Row 3: Holder No: 3, Holder Nam: Test3, Device No: 1, Device Nam: 装置 #1, DeviceID: 1, AppSetNo: 3. The second and third rows of the right table are highlighted in cyan and green respectively, and a red border surrounds the entire right table.

Holder No	Holder Nam	Device No	Device Nam	DeviceID	AppSetNo
1	Test	1	装置 #1	1	1
2	Test2	1	装置 #1	1	2
3	Test3	1	装置 #1	1	3

Scenario : Users are able to access at 08:00~18:30 on Sat. And unable to access all day on Sun.



The screenshot shows the 'Timer Setting' window with a table of timer configurations. The table has columns for TimerNo, Start, End, and Description. The selected row (TimerNo 3) shows a start time of 08:00 and an end time of 18:30, with the description '0800~1830 PASS'.

TimerNo	Start	End	Description
0	00:00	00:00	Always Stop
1	00:00	23:59	Always Pass
2	00:00	23:59	ALL STOP
3	08:00	18:30	0800~1830 PASS

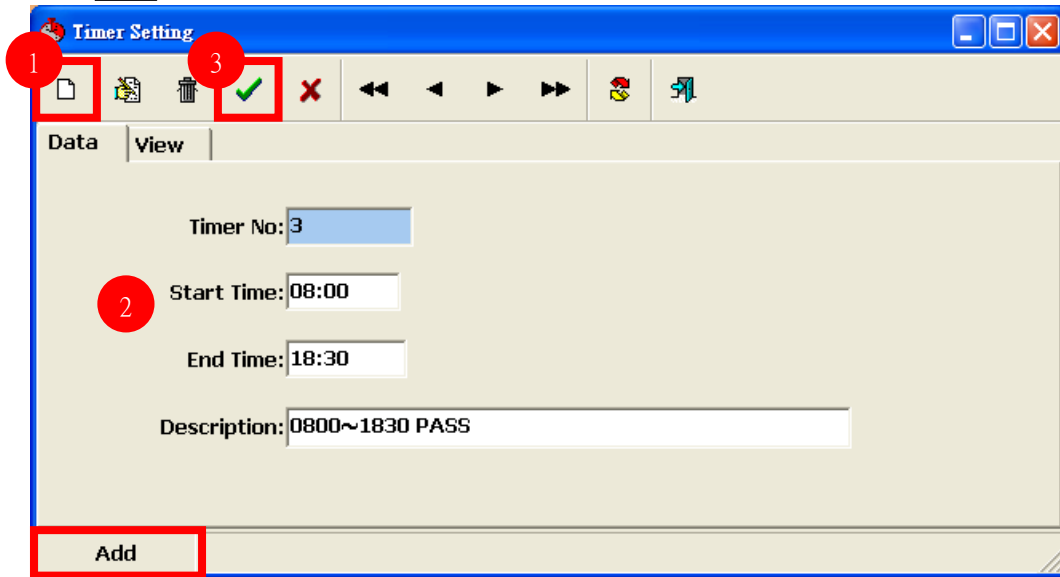
Timer Setting

New Timer Setting :

Step 1. Click  to new a Timer Setting data.

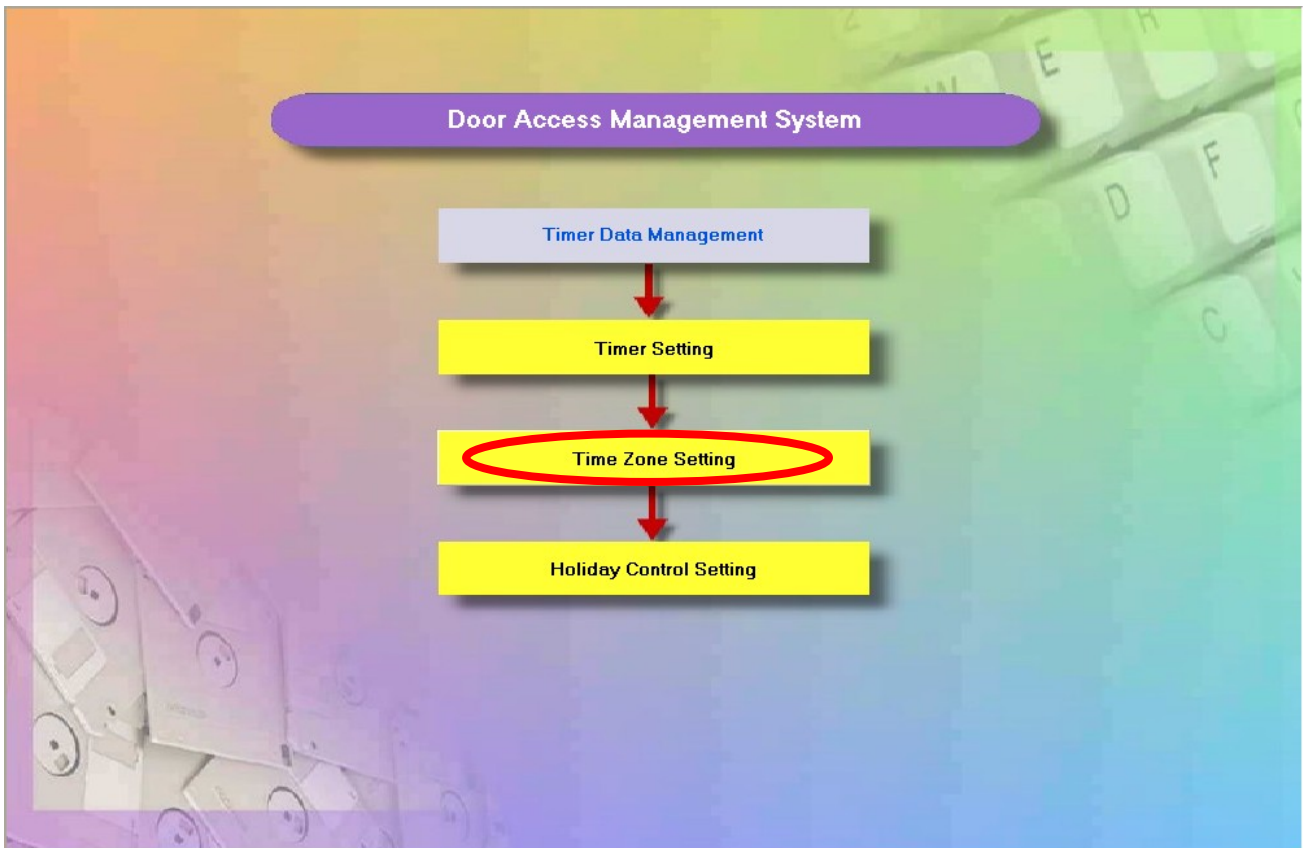
Step 2. Fill-in start time、end time and description.

Step 3. Click  to store data.



It needs to set two timer to meet the scenario : 08:00~18:30 and 00:00~23:59.

Door Access TimerZone

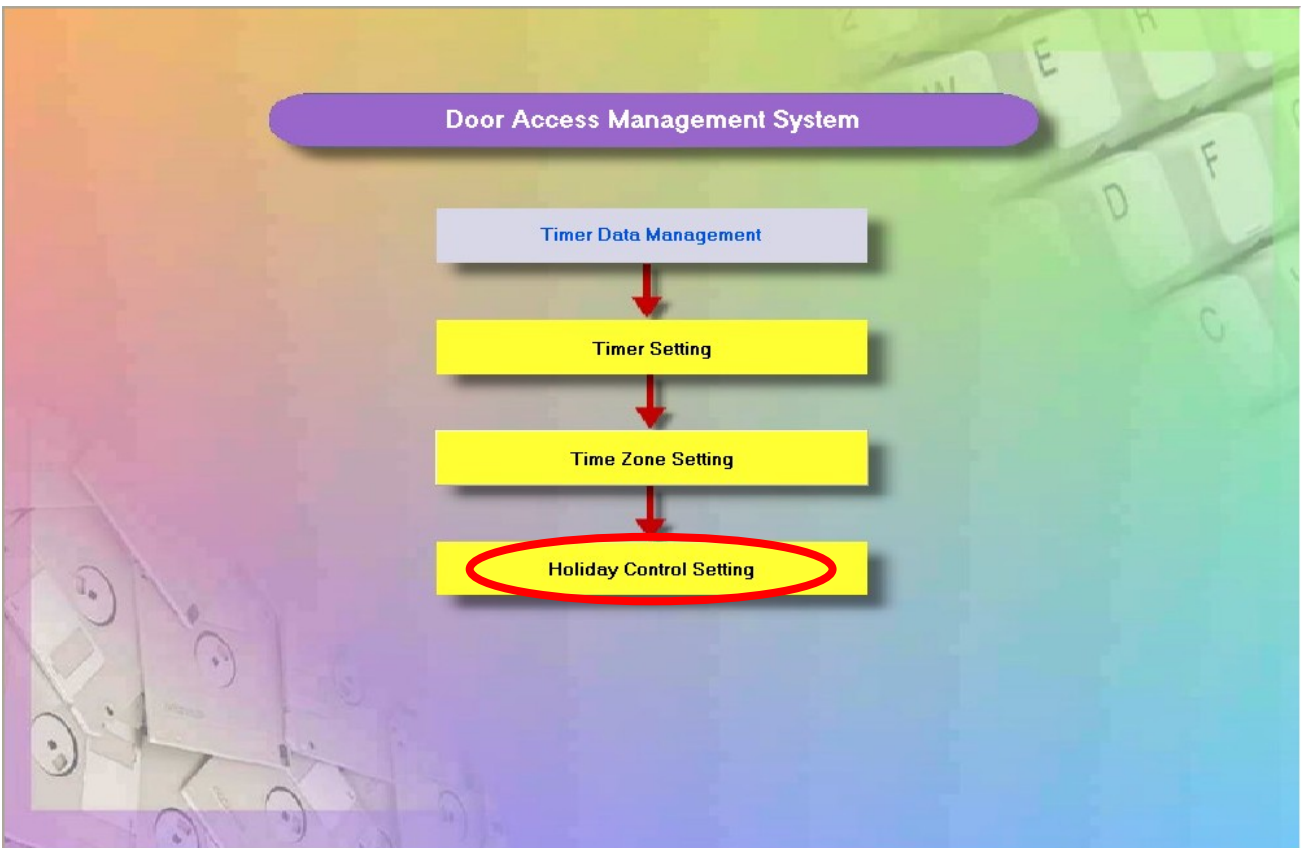


Door Access Time Zone Flowchart

TimeZone No	Description	Timer#1	Timer#2
1	Free Acc	01 00:00~23:59 Always Pass	00 00:00~00:00 Always Stop
2	No Acc	00 00:00~00:00 Always Stop	00 00:00~00:00 Always Stop
3	ALL STOP	02 00:00~23:59 ALL STOP	00 00:00~00:00 Always Stop
4	0800~1800 PA	03 08:00~18:30 0800~1830 PASS	00 00:00~00:00 Always Stop

Time Zone Setting

Door Access Holiday



Door Access Holiday Flowchart

Holiday Control Setting

Year: 2007

Month: 1 2 3 4 5 6 7 8 9 10 11 12

Sun	Mon	Tues	Wed	Thur	Fri	Sat
	1	2	3	4	5	6
						2
7	8	9	10	11	12	13
1			1			2
14	15	16	17	18	19	20
1						2
21	22	23	24	25	26	27
1						2
28	29	30	31			
1						

HolidayType: [1] : Holiday #1

WeeklyRule

1 2

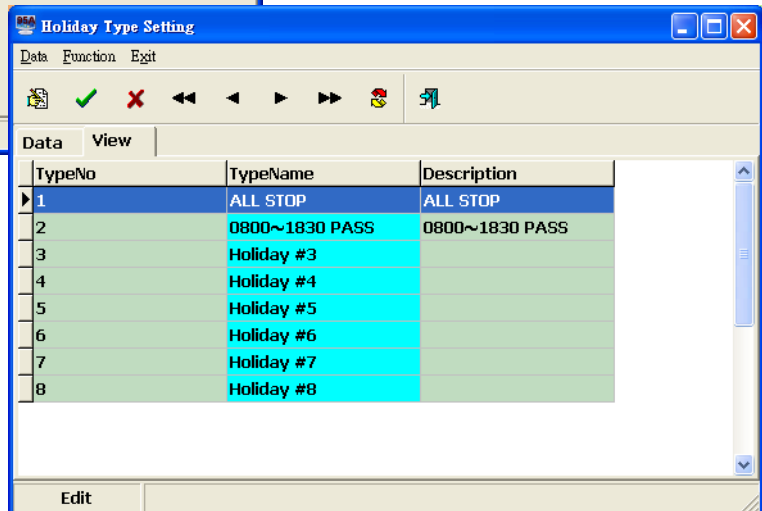
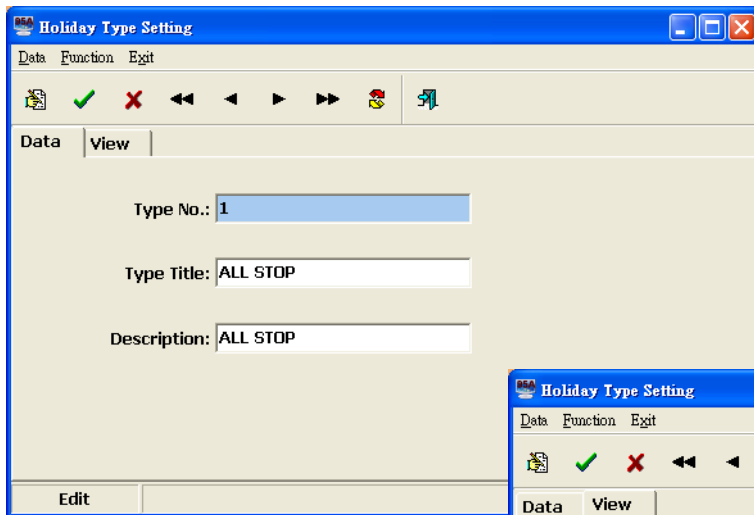
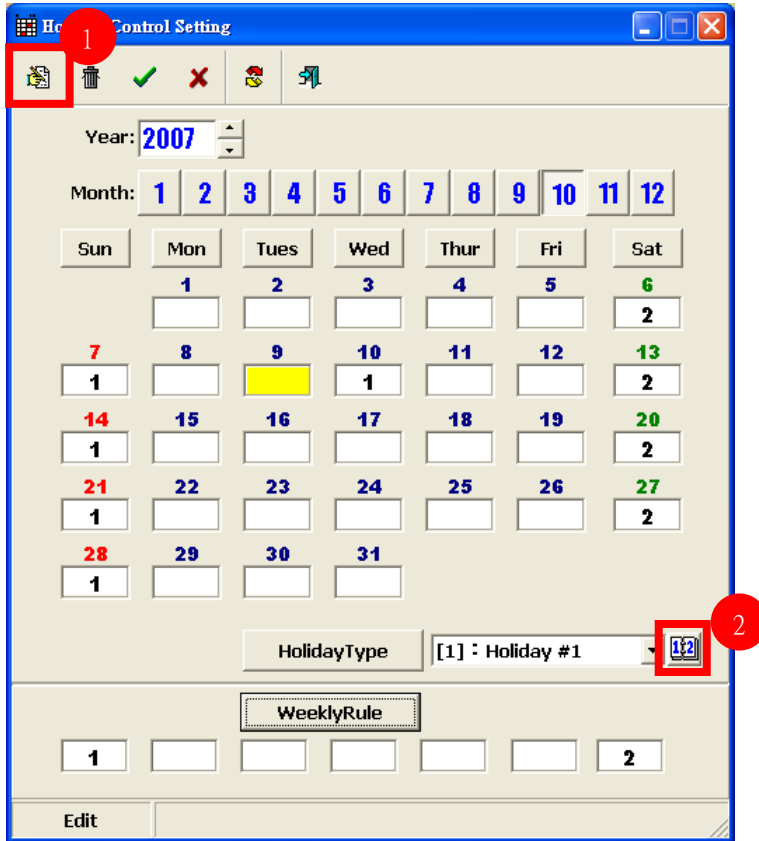
View

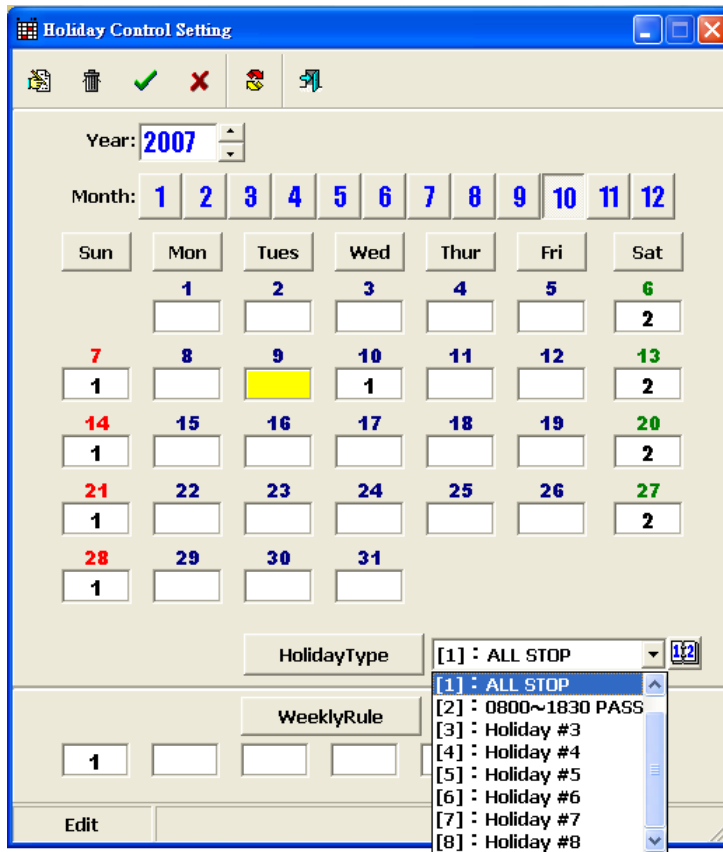
Holiday Control Setting

Edit Holiday Data can click  to edit Holiday Type.

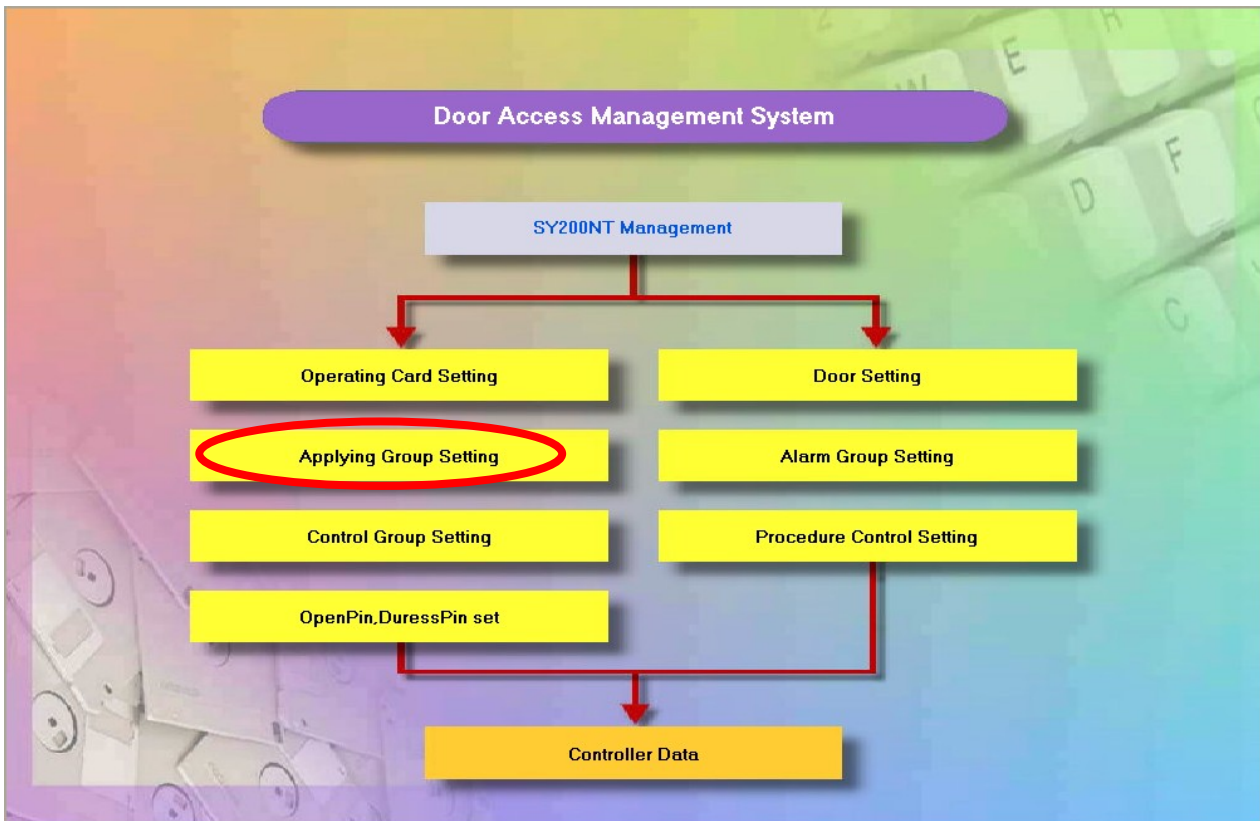
Step1. Click  to edit.

Step2. Click  to edit holiday type.





Door Access AppSet



Door Access Holiday Flowchart

Application group setting

Data View

Device No	APPSet No	Description	Entry Reader	Exit
1	1	Door1-1 READER 1,5	1000	100
2	1	Door2-2 READER 2,6	0100	010
2	2	Door2-2 stop	0000	000
3	1	Door3-3 READER 3,7	0010	001
3	2	Door3-3 stop	0000	000

View

Application Group Setting Browse

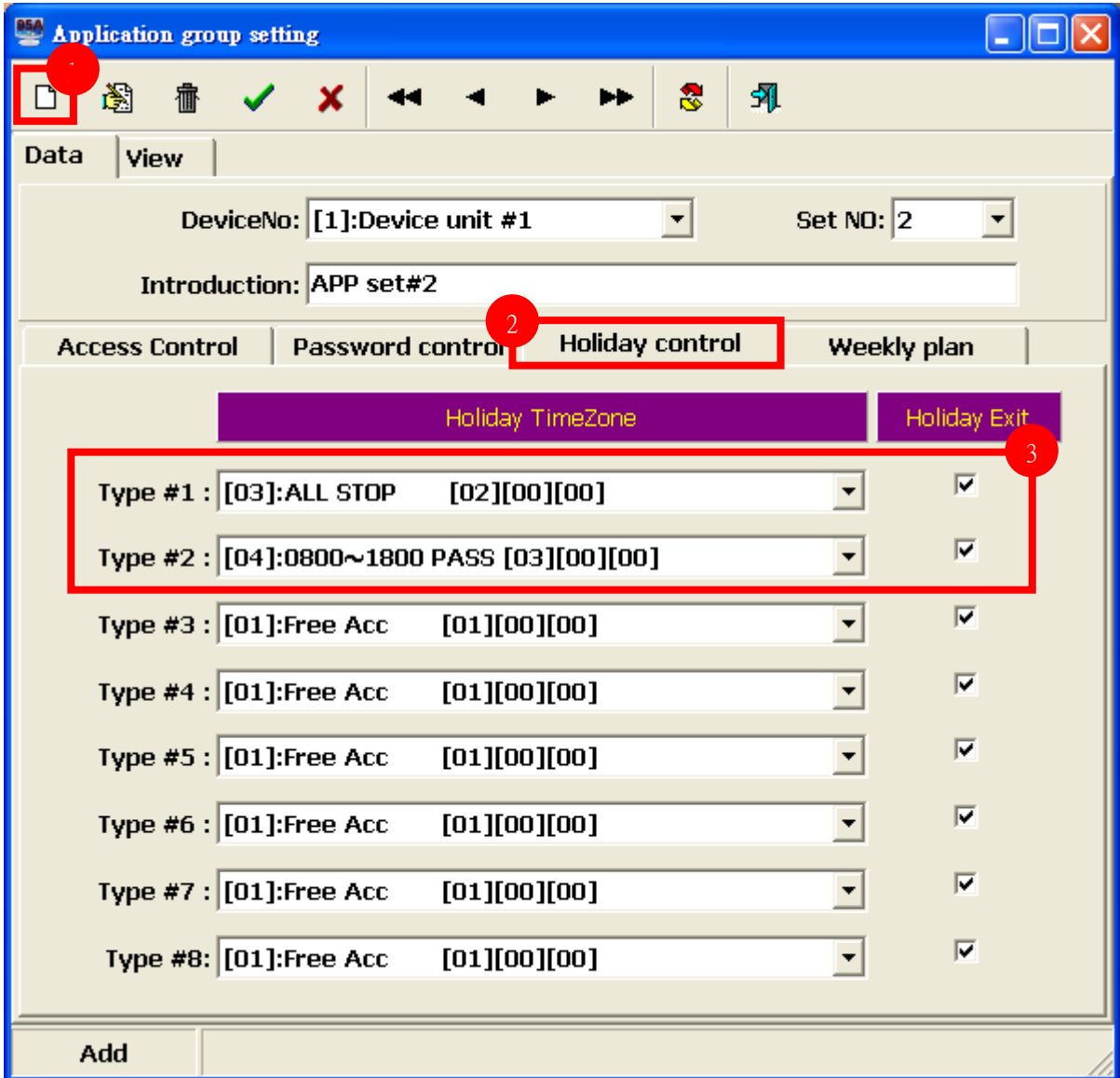
Scenario : Set accessible on Saturday between 08:00~18:30 , and no access on Sunday.

Step 1. Click  to new Application Group Setting.

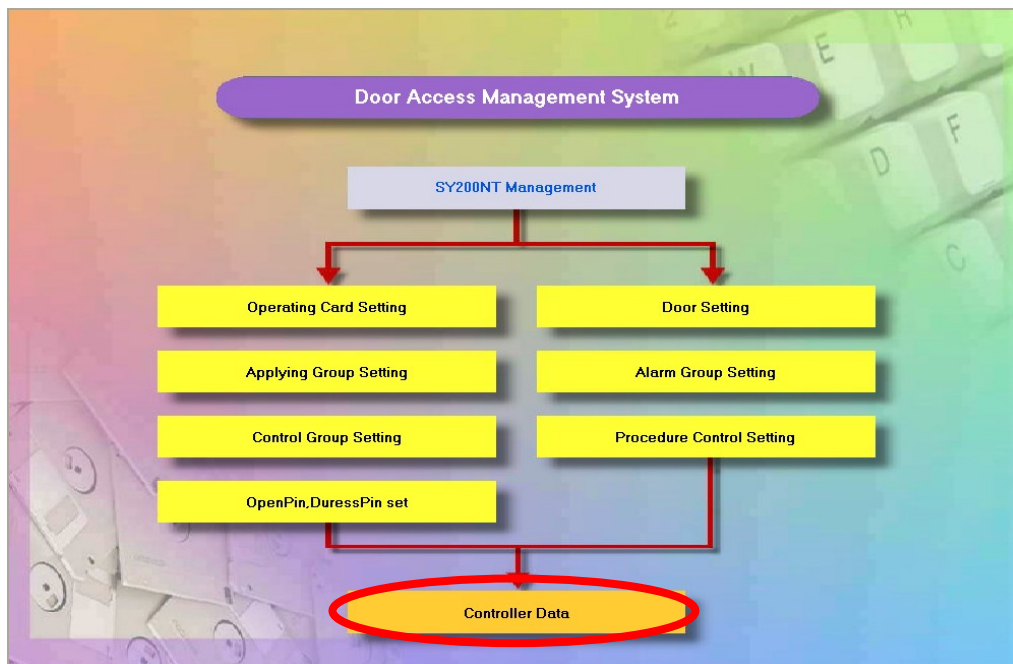
Step 2. Switch into the panel of Holiday control.

Step 3. Choose “ALL STOP”(means no access) and accessible between “0800~1630”
(Type is the same as holiday type)

Step 4. Click  to store data.



Door Access Controller



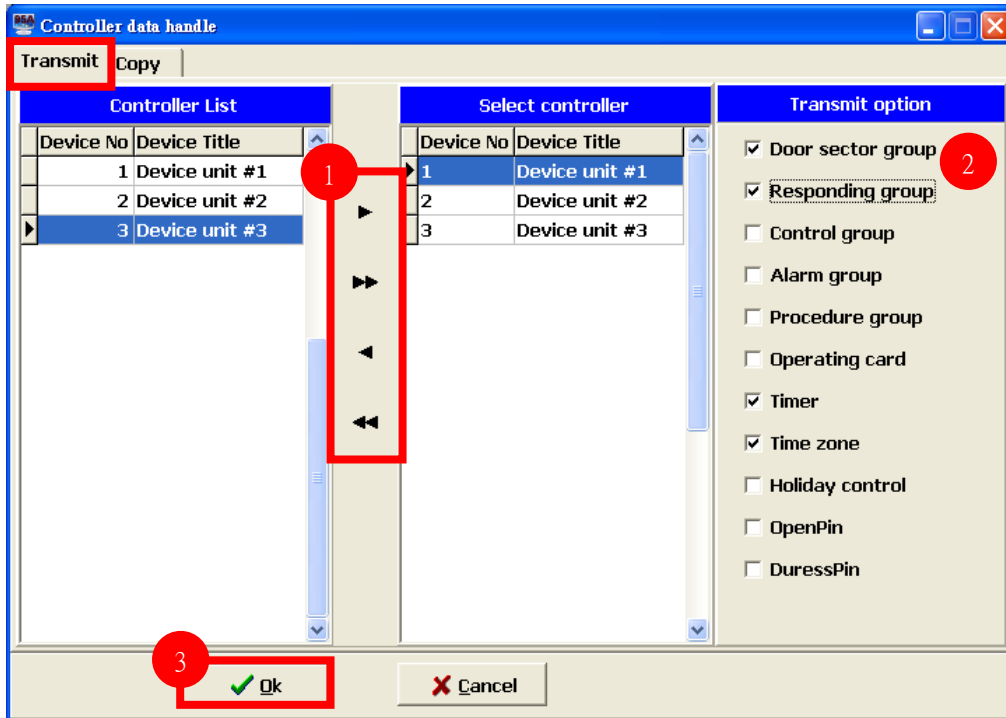
Door Access Holiday Flowchart

Sending setting to controller :

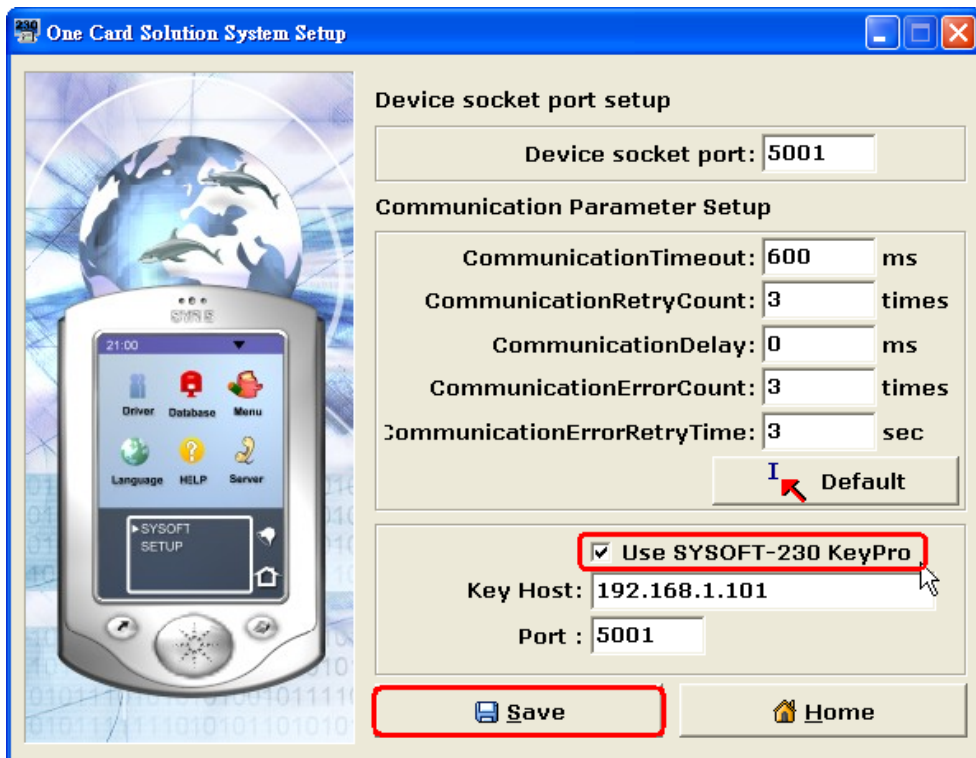
Step 1. Select controller.

Step 2. Check Door sector group、 Responding group、 Timer and Time zone.

Step 3. Click **Ok** to transmit setting.

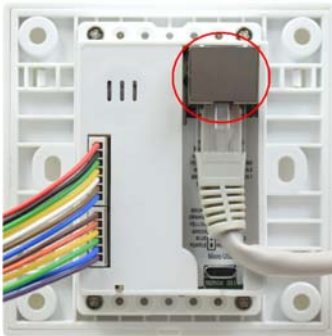


How to enable SYSOFT-230 keypro that is build-in MDNET-1



How to add SYKD86N-H5 in device data

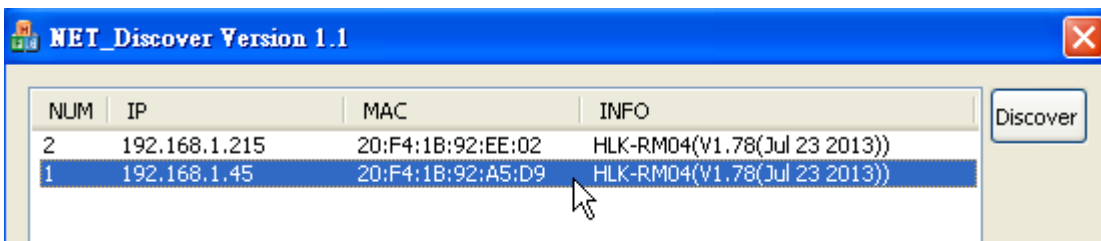
Connect device to LAN via Cable.



Download and activate the tool NET_Discover_V0110.exe

(http://ftp.syris.com/SYRIS_ACS_DVD-ROM/SYSR86N/Tool/NET_Discover_V0110.exe)

Run the tool and press to setup device.



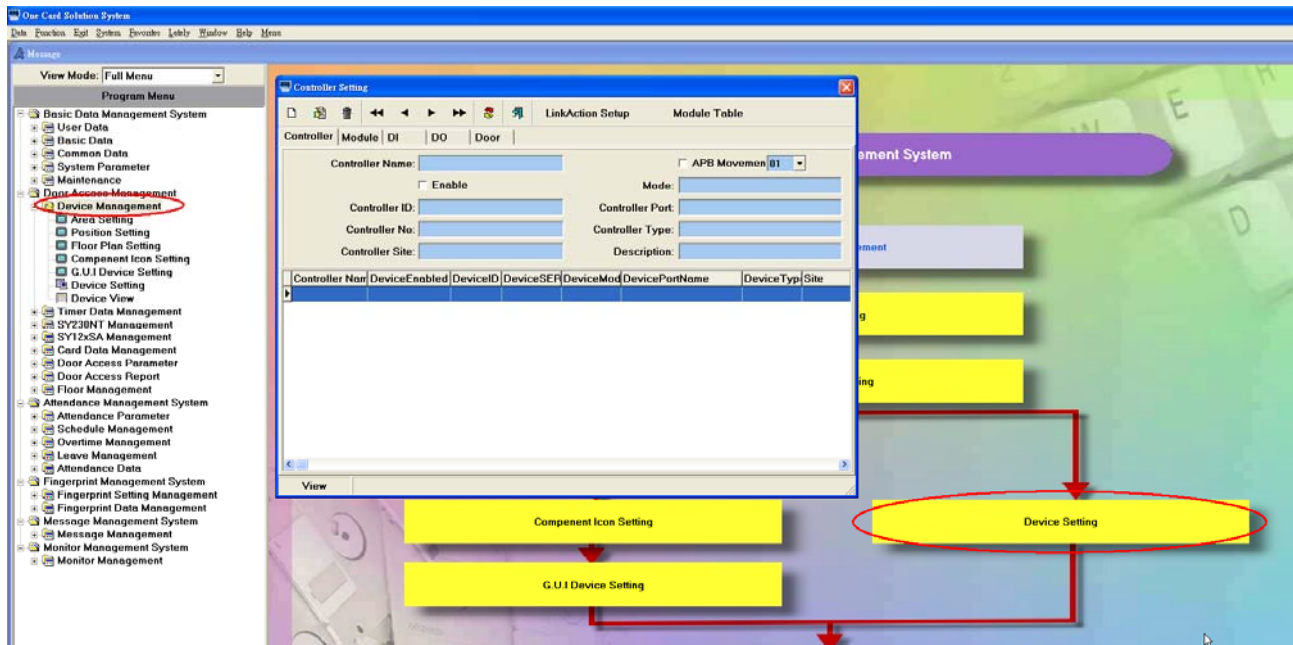
The device we demo is assign an IP 192.168.1.45, we can double click it to login. Default user ID and Password are the same as admin



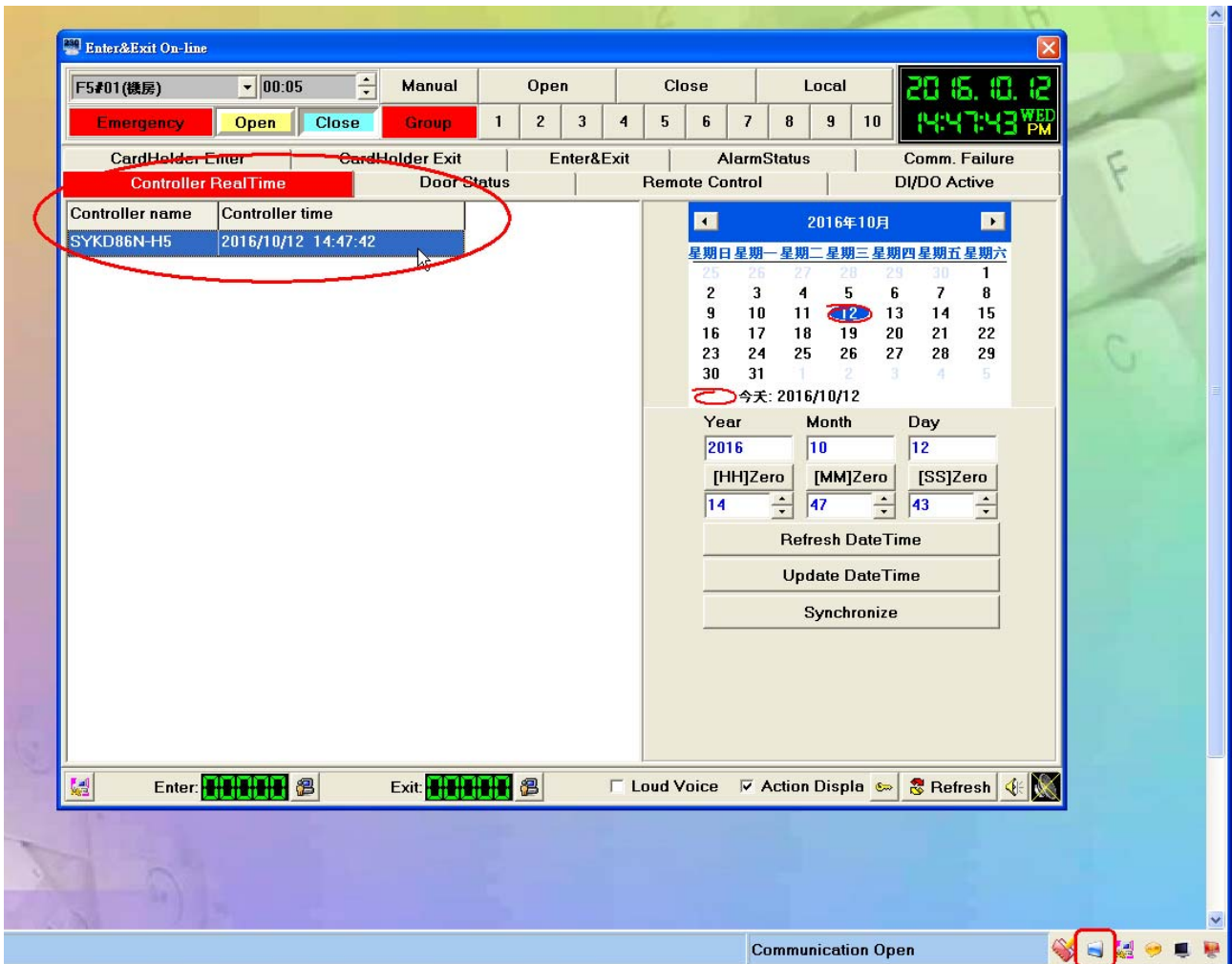
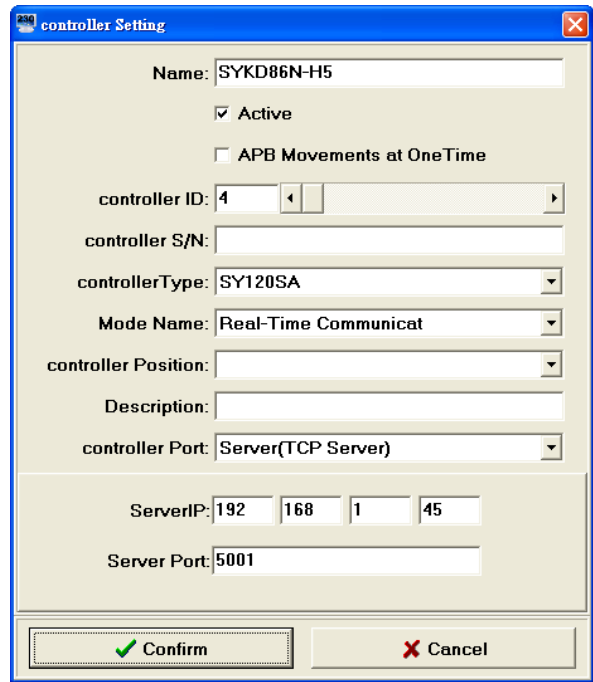
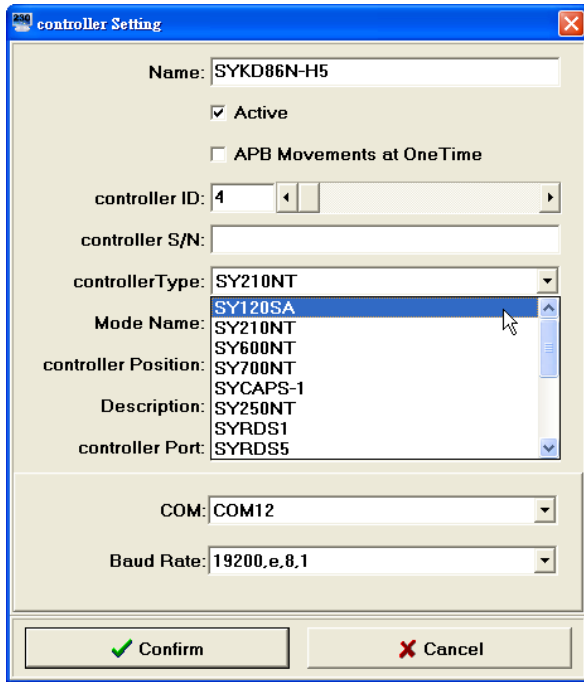
The following setting is applied on wireless connection. We need to assign SSID and Password.



Next step we have to activate SYSOFT-230.



Default device ID is 0001. In this manual we changed it as 0004.



If we can see real time of device, it means setup completely. And now we can enroll card and test device.