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Connection complete

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BUFFA	1LO								Broade Broad	Band Router d Stat	ion
									B	BR-4HG	
	0	User	Name:		Screen						

Case study: <Example> Firstly, make sure the parent company had installed access control software to control card readers. Now, because of the demand to extend overseas branches , need to use existing software to control overseas subsidiaries card readers. The following case shows the connection mode for reference

Instruction: To installed PC-T100 and card reader in subsidiary and login broadband router setting website (case example- BUFFALO BBR-4HG)

 Open Internet Explorer, enter the broadband router IP address in the URL (in this case http://192.168.1.1), and, press the "Enter" key
 Login username and password, get into settings webpage

*Note: each broadband brand router setting is different, this case is just an example for reference only





Instruction : Setting the physical IP address In the subsidiary broadband router WAN (Need to apply from ISP industry), to complete internet setting

- Click "WAN Settings ",it comes out a pulldown menu, please select "WAN Port"
 :At "WAN side IP Address ".
- 4 please select "Manual Setup" and input public " IP address " and " Subnet mask " (Need to applied from ISP industry).
- 5 :After confirmed, press "Set" to complete setting
- 6 :Click "WAN Settings ",it comes out a pulldown menu, select "WAN Side network"(shown at lower left)
- 7 :At " Default Gateway", please input gateway applied from ISP industry.
 8 :At " DNS (Name) Server Address", please input applied from ISP industry.

9 :At " WEB Set Port No", please stagger the original "80" port, in this case, we changed into "8080" port

* Note: "80" port to be defined as the standard port in the Internet, for this case we will allocate PC-T100 to use "80" port

► <u>LAN Settings</u>	Register/S	Return to previous state	efore registering/ s	aving is	finished, the page is mov	ved on, the
VNetwork Settings	Address trai	nslation table 🧷				
Route Information Address Translation	Group	WAN side IP Address	Protocol		LAN side IP Address	LAN side Port
-Packet Time	FTP	BroadStation WAN IP Address	FTP(TCP	<>	192.168.1.248	FTP(TCP Port:20,21)
-UPnP - <u>VPN Pass-Th</u>	pct100	Group BroadStation(WAN side)	TCP V 4001-4002	<>	192.168.1.150	4001-4002
▶ <u>Management</u>	pct100web	BroadStation WAN IP Address	HTTP(TCP Port:80)	<>	192.168.1.150	TCP Port:80
	Input	an address translation rule				
	Delete all	items				

Instruction: Complete setting for external IP (physical IP) with internal PC-T100 and transfer into specific port from the access control software in the Subsidiary of broadband router

- Click "Network Settings" ,it comes out a drop-down menu, please select "Address Translation " (shown at left)
- 11 : Please press "Input an address translation
 - rule " button, prepare to add on setting
- 12 :1. "Group " name defined "pct100 "
 - 2. "WAN side IP Address" sources from the broadband router WAN settings of BroadStation (WAN side) (Checked previous steps 2 to 4)
 - 3. "Protocol" select "TCP ""4001-4002 "
 - 4." LAN side IP Address" sources from the broadband router inner PC-T100 IP (in this case, the default IP address is 192.168.1.150)
 - 5."LAN side Port" select "TCP""4001-4002 "
- **13** :Press " Register/Save " to complete setting.
 - * Note: "4001-4002" is special port for Pegasus access software ,can not be modified.

Network Settings	Address tra	nslation table /	2				
Route Information Address Translation	Group	WAN	i side IP Address	Protocol		LAN side IP Address	LAN side Port
Packet Filter Intrusion Detection	FTP	BroadSt	tation WAN IP Address	FTP(TCP Port:20,21)	<>	192.168.1.248	FTP(TCP Port:20,21
- <u>UPnP</u> - <u>VPN Pass-Through</u>	pct100	BroadSt	tation WAN IP Address	TCP Port:4001- 4002	<>	192.168.1.150	TCP Port:4001- 4002
LogOut	pct100web	Group pct100web 🛩	BroadStation(WAN side) 🛩	TCP 🖌	<>	192.168.1.150	80
14	Input	an address trans	lation rule				

BroadBand LocalRouter **Broad Station** RRR_4HC

Instruction: Parent company can be connected into subsidiary internal PC-T100 configuration website after complete the subsidiary broadband router setting

- 14 :Press " Input an address translation rule " button, to add on the setting
- **15** :1. "Group " we defined "pct100web " 2. "WAN side IP Address " from the broad band router WAN settings of BroadStation (WAN side) (Previous steps 2 to 4) 3. "Protocol " select "TCP " "80 " 4. "LAN side IP Address" from the broad band router inner PC-T100 IP (in this case, the default IP address is 192.168.1.150) 5. "LAN side Port" select "TCP" "80 "

16 : Press "Register / Save" to complete setting. * Note: "80" port to be defined as the standard port in the Internet Protocol, in this case is for PC-T100 usage, the parent company can be access subsidiary public IP connect into the subsidiary internal PC-T100 configuration website

我的最愛 🌈 Login		'全性©) ▼
Cont	roller Status	
System time elapsed	1 06:00:26	
Firmware release date	Dec 17 2003 12:36	
Serial number	B2B-4687-3CD001D8	
Se	tup Login	
180	Login	

Instruction: Back to the parent company, and login the subsidiary of PC-T100 settings page

Open Internet Explorer, enter the subsidiary public IP address in the URL (in this case http://61.xx30), finally, press the "Enter" key

 At this step you can enter the PC-T100 settings page, enter the password and press the "Login" button to enter.

* Note: Default PC-T100 no need to enter the password

🚖 我的最	👷 🌈 Setup	🕯 • 🗟 · 🖸 🖶 • 網頁(2) • 安全性(3) • 🗆
	Contr	roller Setup
	address	192.168.1.150
9 (Subnet mask	255.255.255.0
	Gateway address	192.168.1.1
	Network link speed	Auto 🖌
	DHCP client	Disable 💌
	Socket port of HTTP setup	80 💌
	Destination IP address / socket port (TCP client and UDP)	0.0.0.0
	Packet mode of serial input	Disable 👻
	Device ID	1
	Report device ID when connected	Disable 👻
	Setup password	
	Access password	
	Serial Port 1	
	Socket port	4002 TCP Server
\mathbf{n}	Baud rate, parity, data and stop bits	RS 232
9	Serial Port 2	
	Socket port	4001 TCP Server
	Interface	RS 485 (Half Duplex) 💌
	Baud rate, parity, data and stop bits	9600 💙 None 💙 8 💙 1 🌱
	Digital I/O Post	
	Socket port	10Z TCP Server 🗡
	Configuration	IO1 Input Y IO2 Input Y
		IO3 Input V IO4 Input V
		IO5 Input 👻 IO6 Input 💌
		IO7 Input 💌 IO8 Input 💌

Instruction: Back to the parent company, and login the subsidiary of PC-T100 settings page

- 19 :At subsidiary PC-T100's IP address, subnet mask, and default gateway
- 20 :1."Serial Port 1 " is in charge of RS-232 interface; "Serial Port 2" is in charge of the RS-485 interface, please follow the card reader communications and wiring connection to the "Socket port" for "4001 TCP Server" (Another requested "4002" is not used)
 - 2."Baud rate" and other related settings based on the card reader specifications
- 21 :After confirmation,press " Update" to save the setting
 - * Note: <This case based on> PP-6750V (Baud rate 9600bps) by RS-485 interface to communicate with PC-T100



1	
Login(L)	File Setting Inquire(I) View Help
	Initial Setting
	Save access record (in Text)
	Custom text file format
	Export to Txt File in Manual Mode
	Automatic Adjust Time
	Auto Download Access Schedule
	Database
	Change Background
	User
	End
4	

Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection settings



:Please login to the administrator account system

Account name: pegasus Password: pongee



 23 : Click the menu "File" and dropdown manu display window than click "Initial Setting"(shown at left)

•	
Login(L) File Setting Inquire(I) View Help	
Initial Setting	С
Communication Mode Communication Mode Support time zone functi Compare Card No. Mode Check the Card Number with reader The In / Out setting of devices Controll : In / External reader : Out Auto receive Enable Auto adjust time Communication Mode Controller belong Support time zone functi Support time zone functi Communication Mode Communication Mode Support time zone functi Communication Mode Communication Communication Communication Mode Communication Mode Com	Doc per /0
Login 26 Setting Inquire(I) View Help	
Connect Setting	
Holiday Setting	
Time Zone Setting	
Reader Setting	
Access Group Setting	
Add Access Group	
Inquire Door Access	
Personal operation under 1401 mode(Only 3760)	
Setting floor	or O
Reporter Setting	
	In

Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection settings

- : "Communication Mode ",please select " RS-485 "
 - Note: according to the steps
 18 20, the PC-T100 use RS-485 interface communication to card reader.
- **5** : P
 - : Press " OK " to save the setting
- Click the menu "Setting (S)" and drop-down manu display window then click " Connect Setting"(shown at left)

Login(L) File Setting Inquire(I) View Help	
Connect setting	
1 Address 61. Area Subsidiary 31 CK Cancel	13

Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection settings

- 27 : "Select Connect Mode", please select "TCP/IP "
- 28 :Please press " Edit IP Address "to add the subsidiary of the PC-T100 IP address
- 29 :"Edit IP Address" window appears, please click "Add"
- Please enter the subsidiary of PC-T100 IP address, " Area" input "Subsidiary" to facilitate the identification
- 31 : Press " OK " to save the setting
- 32 :The software will be included in the list of IP address
- 33 : Press " X " to complete the setting

Login(L) File Setting Inquire(I) View Help
Connect setting
Select Connect Mode TCP/IP
Comport TCP/IP
IP Address: Edit IP Address
Connecting Status:
61
Connect
Disconnect
36 Close 13
Login(L) File Setting Inquire(I) View Help
Connect Setting
💼 💹 Personal Setting
Holiday Setting
37 Reader Setting Ca
Access Group Setting
Add Access Group
Inquire Door Access Door
Personal operation under 1401 mode(Only 3760)
Setting floor
Setting floor br Open Reporter Setting
Setting floor Reporter Setting
Setting floor Reporter Setting
Setting floor Reporter Setting In / Ou
Setting floor Reporter Setting In / Ou

Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection settings

- 34 :Click " Connect All " button, the software begin to detect all TCP / IP device
- 35: You can find the subsidiary PC-T100 IP in the final state -" Successful connection", it means the TCP / IP connection is succeed
- 36 : Press " Close " to complete the setting
- Click the menu "Setting (S)" and drop-down manu display window then click "Reader Setting"(shown at left)

ngin(L) File Setting Inquire(I) View Help	
Controller Setting	
Clear Collect Data Set Parameter Inquiry Parameter Adjust Time Upload Holiday Setting Upload Holiday Setting Upload Time Zone Data Upload Time Zone for Automatic Change Open Door Mode upload free access data Open door	4
Property create reader	
	2/27/2

Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection settings

 38 : In the "Reader setting "menus, please click the "controller settings", it will drop-down manu display window, please select "Add"



F	Receive data Get version from
C	and digits Religite - Reader Type CZER/ Social
4	
Addr	ess Setting
	Address: 00 -
	Description: Pegasus Subsidiary Door
0	r Anne Control C for Time Attendance C for elevator
1.00	e or waiting for upload personal access 400 (1/1000 second)
	Waiting time for receive data 200 (1/1000 second
Sele	ct IP Address
4	IP Address 61.200 .30
	For RS-422 Multi Controller (PCP832-X)

Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection

settings

- 39 :Click "General" sheet, the system corresponding setting will switch to the window automatically
- PP-6750V installed in accordance with the subsidiary configuration, <Example> PP-6750V reference follows
 - 1." Card digits " normal is " 8 digits "
 - 2. " Reader Type " be sure to click on the " 6750 V Series "
 - 3. " Address" with subsidiary card reader configuration
 - Description " define the actual subsidiary card reader position (as shown on the left: "Pegasus Subsidiary Door ", meet the on-site situation
 - 5."Purpose" in accordance with the requirements set
- In the "Select IP Address " item, please check drop-down menu to select subsidiary IP
- 42 : Press " OK " to save the setting



Instruction: Login to parent company access control software and do the subsidiary of the PC-T100 + PP-6750V card reader connection settings

- 43 :Left mouse button click the "Pegasus Subsidiary Door " reader (anti-blue card reader is selected)
- Then right-click the mouse button, the system will drop-down function menus, use left mouse button to select " Open door".
 - : At this time there are "view events "window.
- 46 :Please confirm " Pegasus Subsidiary Door " open door result is "Succeed ".

47 : Finally, click "OK" button to end