XP-8X4X-CE6 OS Version 1.3.5.0

Release Notes

Release Date: Aug. 10, 2012

Key Features

Features	Supported	Description
OS Language	Yes	Windows CE 6.0 Multi-language edition ● English ● French ● German ● Italian ● Russian ● Spanish ● Japanese ● Korean ● Simplified Chinese ● Traditional Chinese
.NET Compact Framework 3.5	Yes	
SQL CE 3.5	Yes	SQL CE 3.5 (3.5.8080.0)
FTP Server	Yes	
HTTP Server	Yes	
Telnet	Yes	
Printer	Yes (PCL 6)	Support for HP Laser Jet printers using a USB interface and an Ethernet connection (over the network neighborhood)
Touch Panel	Yes	Support for touch panel using the RS-232 and USB interfaces
Multi-Serial Port Communication Module	Yes	I-8112iW (RS-232 *2) I-8114W (RS-232 *4) I-8114iW (RS-232 *4) I-8142iW (RS-485 *2) I-8144iW (RS-485 *4) The maximum number of ports can be extended to 28 (I.e., 7 slots * 4 ports per module = max. of 28 ports)

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OS Version 1.3.5.0 Release Notes

This version of the OS now includes support for PPPoE connections and fixes the issue related to the display of certain Simplified Chinese characters.

New Features

- Add support for PPPoE connections. Connections to the Internet or LAN can now be made via the PPPoE dial-up function. For more details regarding PPPoE dial-up settings, refer to page 4.

Bug Fixes

- In the previous version, there was an issue when displaying certain Simplified Chinese characters. This issue has now been fixed in the updated version of the OS.
- Canceled the "Allow connection with desktop computer when device is attached" pop-up item in the "PC-Connection" function to prevent the message window from interrupting with the user.
- The registry value "priority256" for COM1 and COM2 has been added.
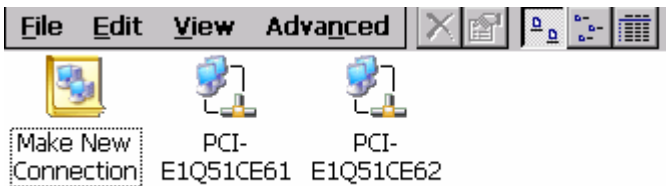
Toolkit Changes

- **XPAC SDK DLL Version 2.0.1.2**　　[Aug.10, 2012]
    - ◆ Fixed the issue where calls to the uart_Close function instructing the COM port to close caused a memory error.

- **XPAC Utility Version 1.1.0.3**　　[Aug.10, 2012]
    - ◆ Fixed the issue related to the number of serial ports displayed on the Multi-IO page.

- **XPAC Web Utility Version 1.0.0.0**　　[Aug.10, 2012]
    - ◆ The XPAC Web Utility is the web edition of the XPAC Utility for users to configure the XPAC remotly by using a standard web browser on PC. The operation of the XPAC Web Utility is now almost the same as the XPAC Utility. For more details, refer to page 8.
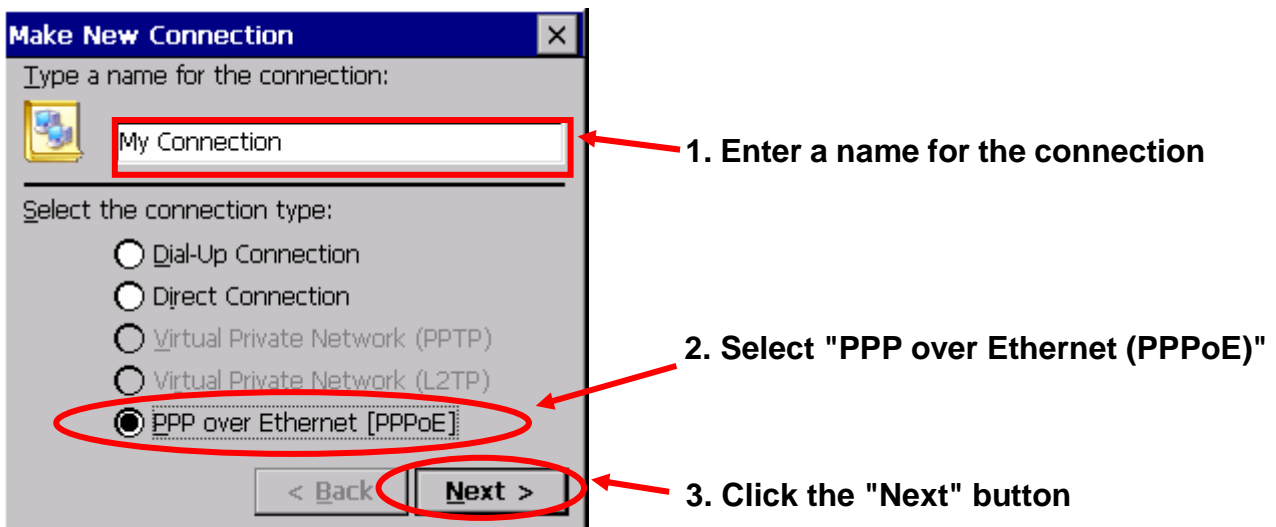
How to Add a PPPoE Dial-up Connection

Step 1: Open the Network settings by clicking "Settings" → "Control Panel" and then double-click the "Network and Dial-up connections" icon.
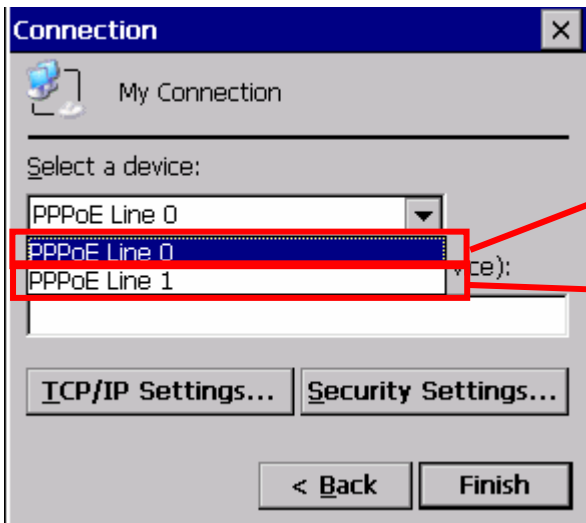
Network and Dial-up Connections

Step 2: Double-click the "Make New Connection" icon to create a new connection.

| File | Edit | View | Advanced |

Make New Connection   PCI-E1Q51CE61   PCI-E1Q51CE62

Step 3: In the "Make New Connection" dialog box, enter a name for the connection and select the "PPP over Ethernet (PPPoE)" option as the connection type, and then click the "Next" button.
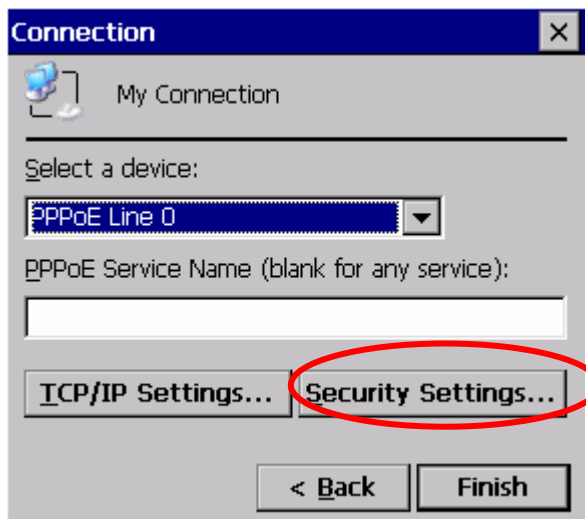
Make New Connection

Type a name for the connection:

My Connection

1. Enter a name for the connection

Select the connection type:

○ Dial-Up Connection
○ Direct Connection
○ Virtual Private Network (PPTP)
○ Virtual Private Network (L2TP)
● PPP over Ethernet [PPPoE]

2. Select "PPP over Ethernet (PPPoE)"

< Back   Next >

3. Click the "Next" button

Step 4: In the "Select a device" drop-down menu, select the "**PPPoE Line 0**" option indicated as the dial-up connection from LAN1, select the "PPPoE Line 1" option indicated as the dial-up connection from LAN2.
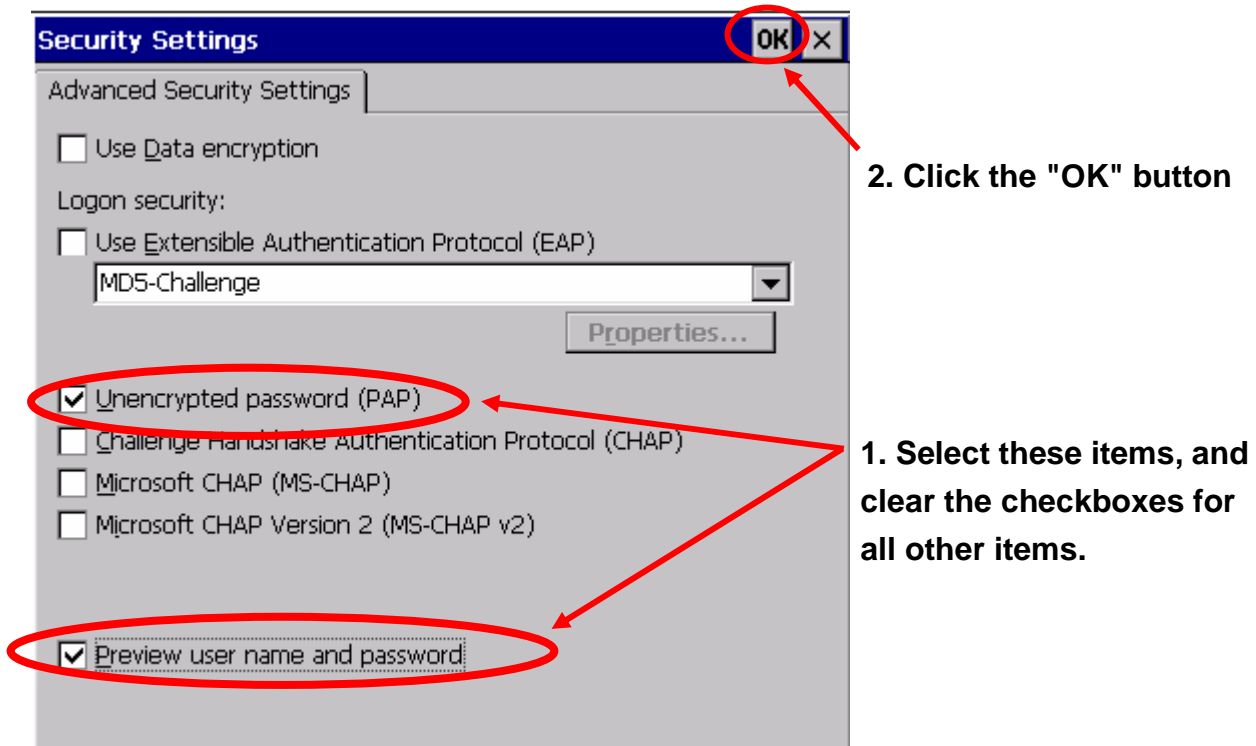

Select the Dial-up connection from LAN1

Select the Dial-up connection from LAN2

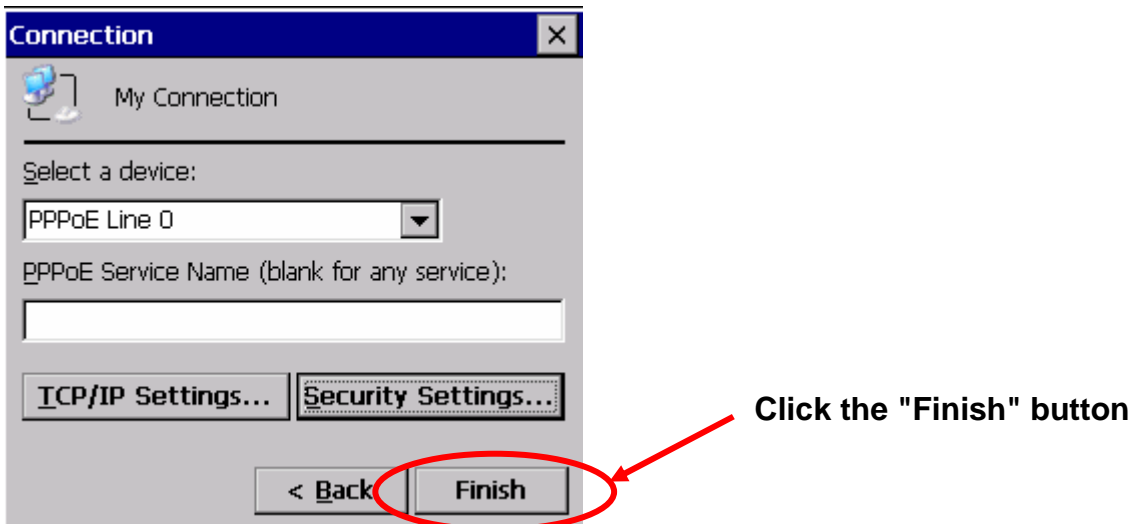**Step 5:** Click the "Security Settings" button.

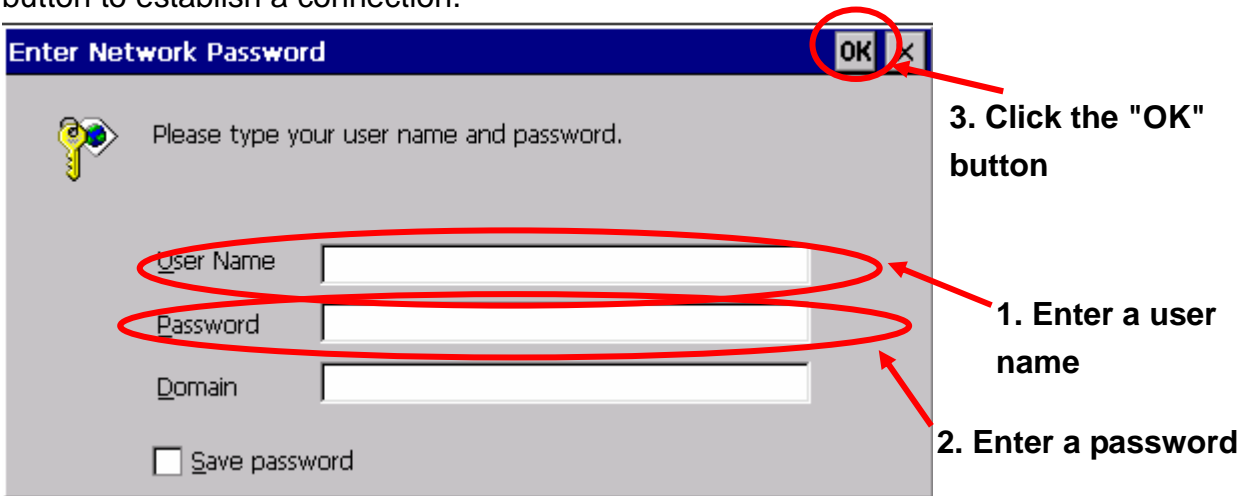**Click the "Security Settings" button**

Step 6: In the "Security Settings" dialog box, check the "Unencrypted password (PAP)" and the "Preview user name and password" checkbox items, and clear check boxes for all other items, then click the "OK" button.
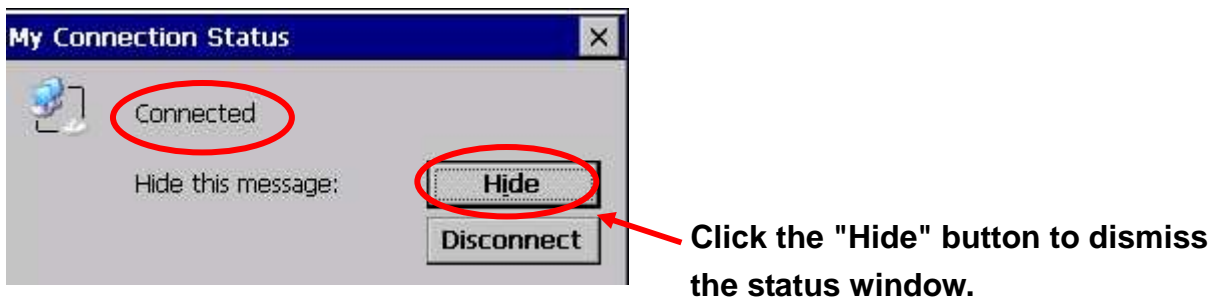
2. Click the "OK" button

1. Select these items, and clear the checkboxes for all other items.

Step 7: Click the "Finish" button to save the settings and complete the creation of the new connection.

Click the "Finish" button

Step 8: In the Network settings window, double-click the icon for the new PPPoE connection and then enter a user name and password in the login window. If you wish to save the password for future use, check the "Save password" checkbox. Click the "OK" button to establish a connection.

3. Click the "OK" button

1. Enter a user name

2. Enter a password

Step 8: A status window will be displayed with the message "Connected", indicating that the connection was success fully established.

Click the "Hide" button to dismiss the status window.

How to use the Web Utility

The Web Utility is a series of built-in web pages embedded on the XPAC that allows users to easily configure the XPAC from a remote location using a standard web browser without needing to connect a monitor, mouse or keyboard.

Supported browsers

On windows-based computers, the XPAC Web Utility supports IE 8, Firefox 3.2, Google Chrome 13, and Opera 11 and later editions.
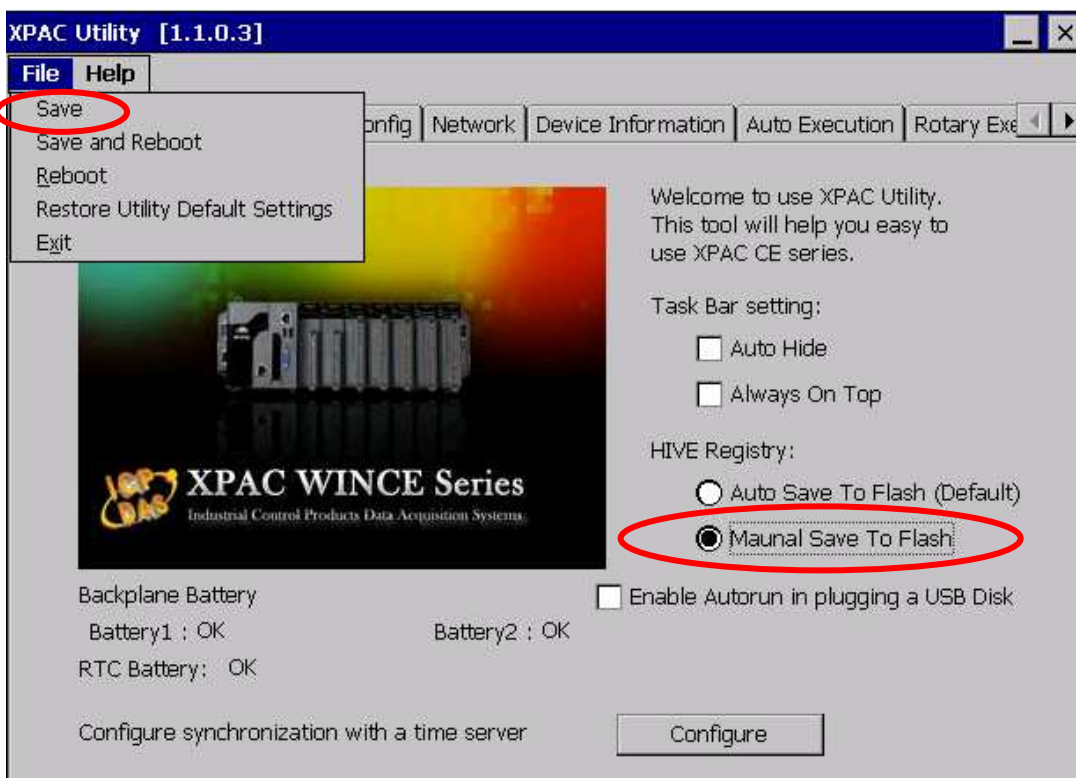Supports Safari 4.0 and earlier editions.

Web Utility and XPAC Utility

The Web Utility is similar to the XPAC Utility, so the operation of both is almost the same. If you have never previously used the XPAC Utility, please refer to Section 3.2 of the XP-8000-CE6 user manual. However, there are still a numer of differences between the Web Utility and the XPAC Utility, which are detailed below.
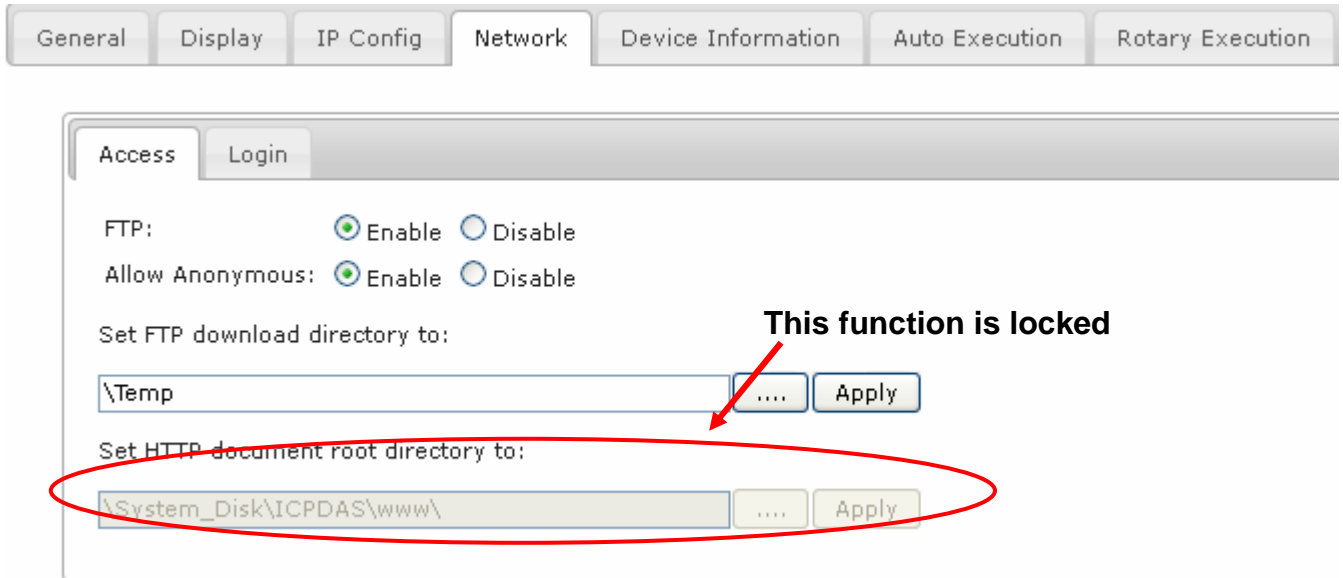
1. The registry can't be saved using the Web Utility.

If you select the "Manual Save to Flash" option in the XPAC Utility, clicking "Save" from the "File" menu allows you to save your registry, but the Web Utility doesn't provide a function for saving the registry, so be aware that if you select this option when using the Web Utility, your settings won't be saved.

2. The default HTTP document folder can't be changed using the Web Utility.

The default path to the HTTP document folder is "\System_Disk\ICPDAS\www", and files related to the Web Utility are included in this path. If the location of the HTTP document folder is changed, the Web Utility will no longer function after rebooting. Consequently, this function is locked.

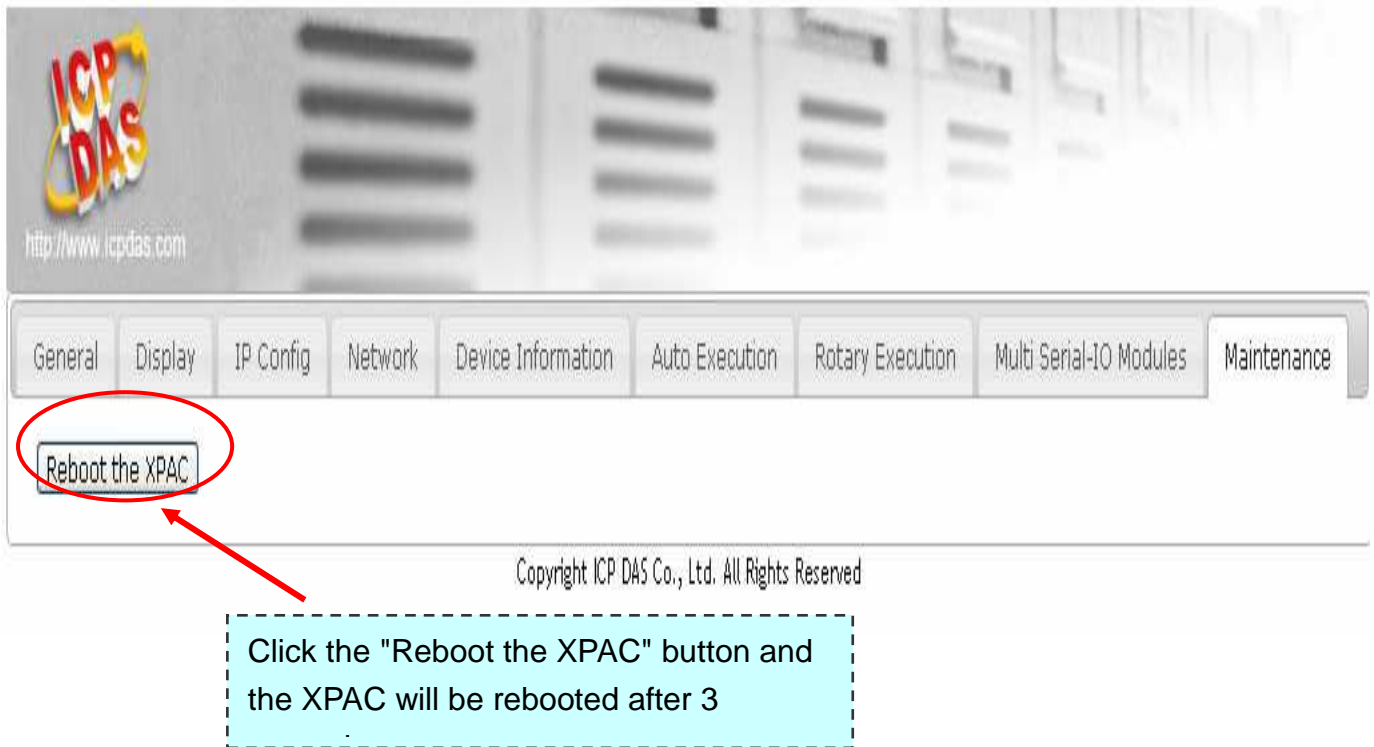## 3. The Web Utility can't be used to set the sharing folder.

The sharing folder can be set using the XPAC Utility, but the Web Utility currently doesn't provide this function. However, this function will be included in a future version.

4. The Web Utility can't be used to modify the Multi-Serial port name.

The Multi-Serial port name can be modified using the XPAC Utility, but the Web Utility currently doesn't provide this function. However, this function will be included in a future version.

5. Reboot XPAC in the Web Utility

The Web Utility includes a unique "Maintenance" page, which is used to reboot the XPAC.

Click the "Reboot the XPAC" button and the XPAC will be rebooted after 3

If you have other questions related to using the XPAC Web Utility, please refer to the file, indicated in the FTP link below, or send an e-mail to: **service@icpdas.com**
ftp://ftp.icpdas.com/pub/cd/xpac-atom-ce6/document/faq/system_maintenance/X2-17_How_to _use_the_web_utility_from_a_web_browser_en.pdf