Firmware Downloads for the PRO2 CDU

Contents

Purpose

This technical note provides instructions for downloading and upgrading CDU firmware.

Note: Verify your CDU is a PRO2 model before using this document for upgrading.
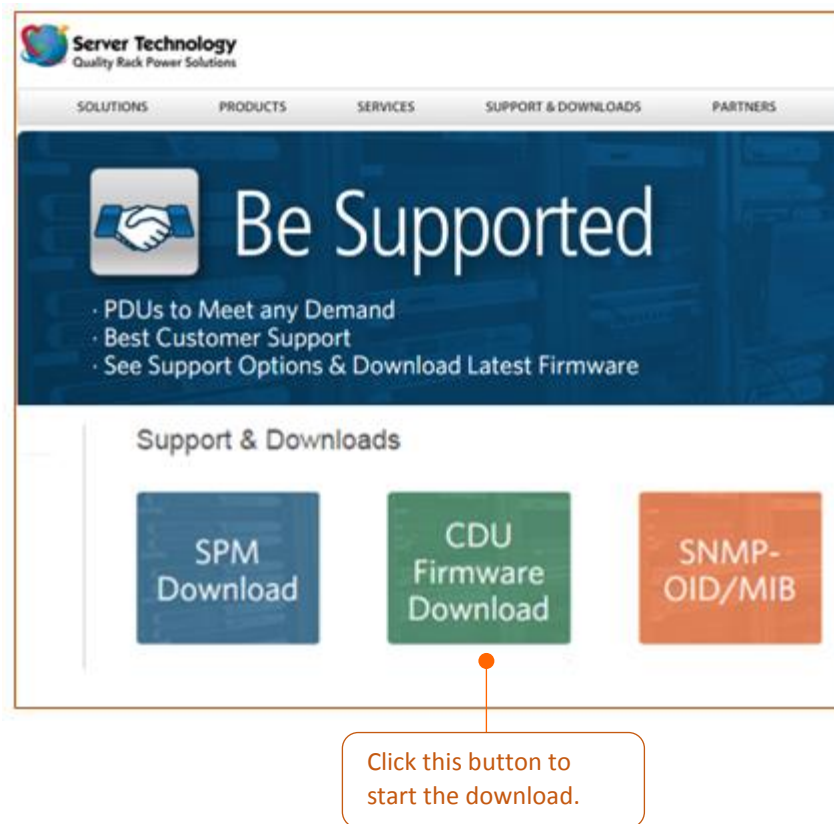
Downloading CDU Firmware from the Website

1. From your root C:\ drive, create a folder named **temp**.

    C:\TEMP

2. Obtain the desired firmware version by going to:

    http://www.servertech.com/support

3. Click the **CDU Firmware Download** button as shown:

Click this button to start the download.

4. ALL PRO2 firmware is the same and can be selected with the Smart, Switched, or -48V firmware link buttons.

5. Select the PRO2 Firmware.

6. Once downloaded, move this file to the C:\TEMP folder you created earlier.

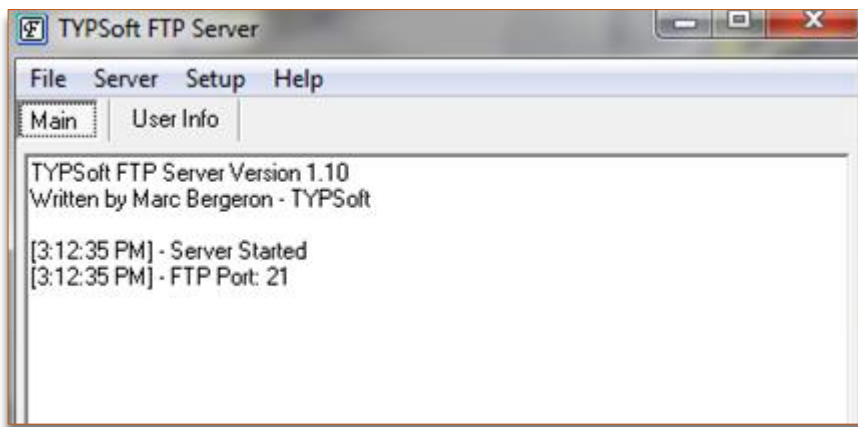## Downloading TYPSoft FTP Server from the Website

Note: This step is only necessary if updating your CDU using FTP.

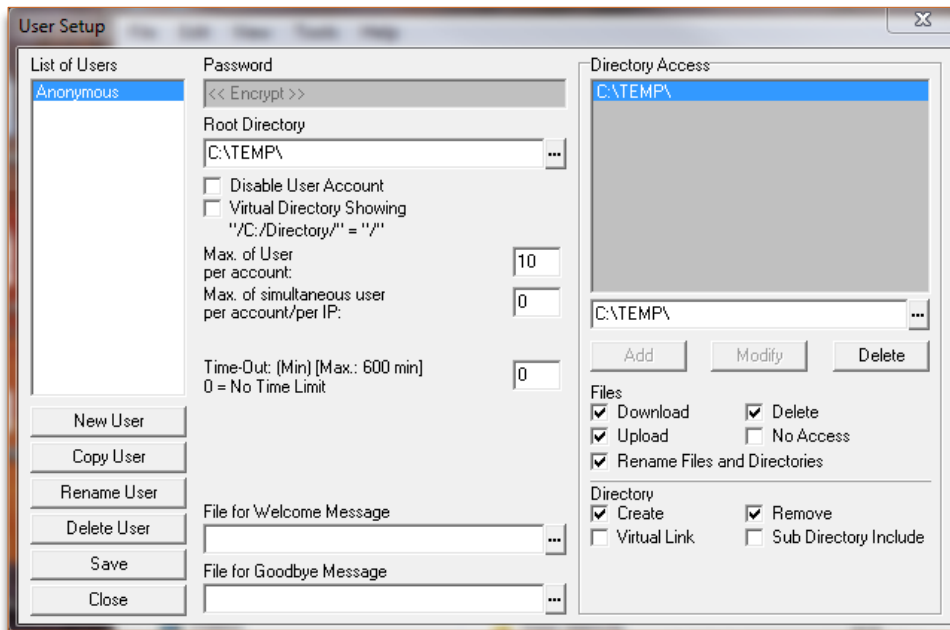From the same webpage as above, download and install the TYPSoft FTP Server by choosing the button as shown below:

TYPSoft FTP server settings

The following instructions show how to work with the TYPSoft FTP windows:

1. To access the next slide, click **Setup** and then click **Users**.

2. In the List of Users in the left-pane, click Anonymous to highlight the option, and make a change by increasing the "Max. of User per account:" value from 0 to 10, as follows:

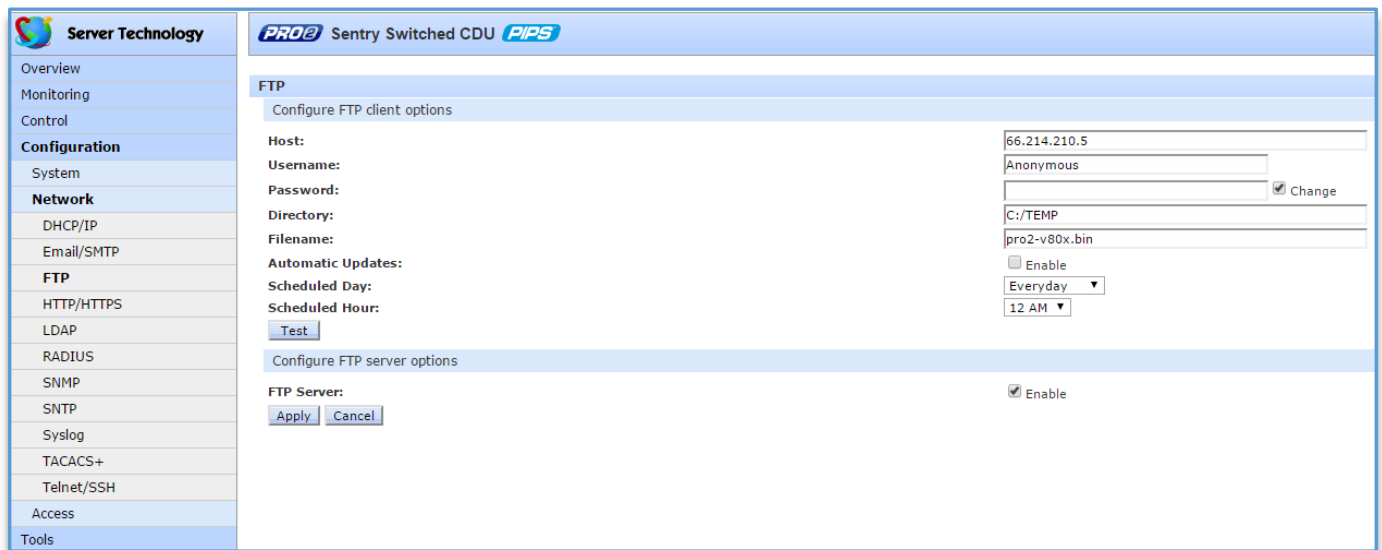**3.** To return to the original TYPSoft window, click **Save**.

Note: If preferred, the User Setup window can remain displayed as shown above.

Methods for Upgrading PRO2 CDU Firmware

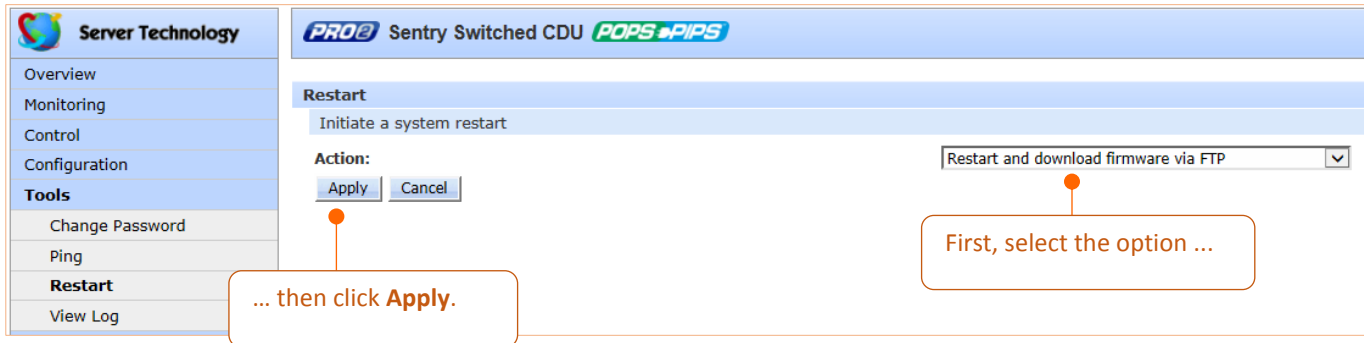### Upgrading firmware in the CDU using FTP

1. Configure the screen to be as displayed below with the exception of typing in your IP address for "Host".

    Note: The IP Address is the box where the firmware bin file was placed in C:\TEMP

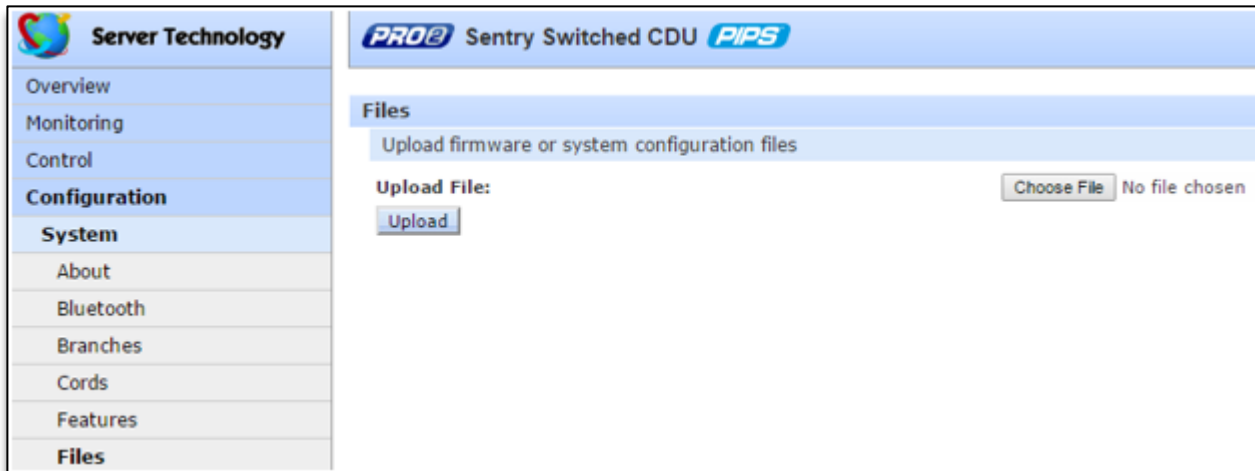| Server Technology	PRO2 Sentry Switched CDU PIPS
Overview	
Monitoring	**FTP**
Control	Configure FTP client options
Configuration	
System	Host: 66.214.210.5
Network	Username: Anonymous
DHCP/IP	Password: ☑ Change
Email/SMTP	Directory: C:/TEMP
FTP	Filename: pro2-v80x.bin
HTTP/HTTPS	Automatic Updates: ☐ Enable
LDAP	Scheduled Day: Everyday ▾
RADIUS	Scheduled Hour: 12 AM ▾
SNMP	Test
SNTP	Configure FTP server options
Syslog	FTP Server: ☑ Enable
TACACS+	Apply Cancel
Telnet/SSH	
Access	
Tools	

2. Click **Apply**, then click **Test**. It should take about 10-20 seconds for the test to come back as "Test Passed – update available".

3. If the test passed, go to the **Tools > Restart** page, use the drop-down arrow to select the "Restart and download firmware via FTP" option, and click **Apply**.
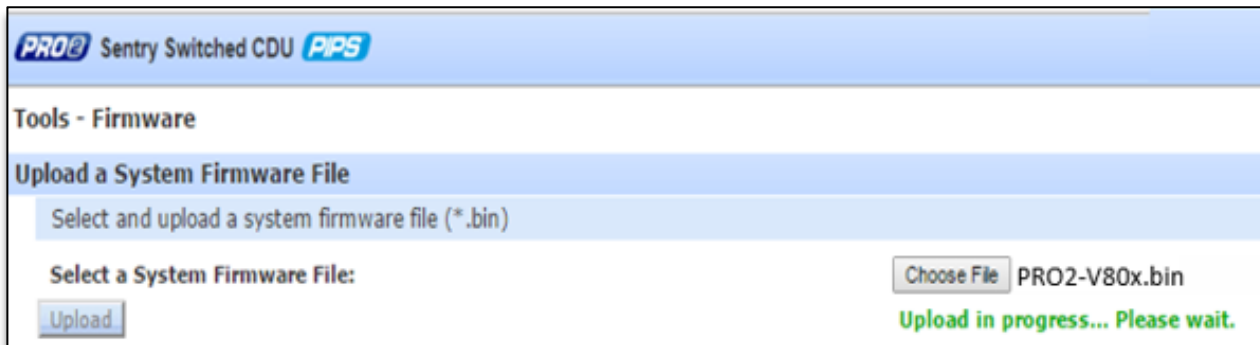
Upgrading CDU firmware

1. From the **Configuration > System Files** Menu, choose the desired upgrade file by clicking **Choose File**.

2. To upgrade your CDU, click **Upload**. This will restart the CDU's Management Module but will not interrupt the power the CDU is supplying to the outlets.
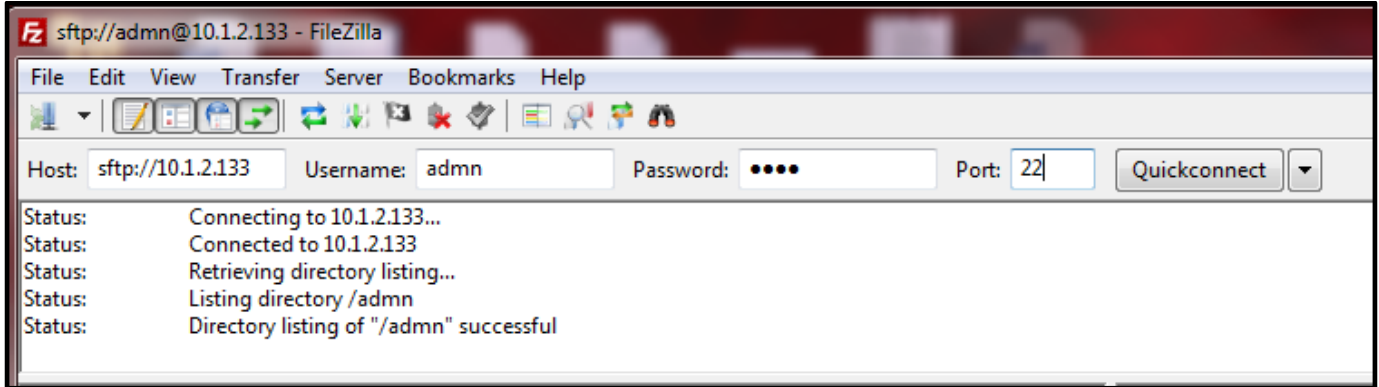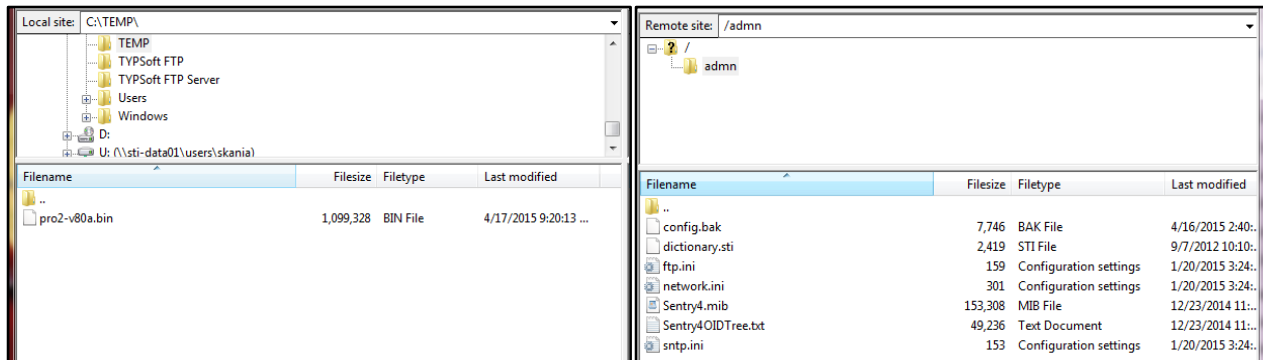
Note the upload progress message…

Upgrading firmware in the CDU over FTPS using an SFTP client

1. Using FileZilla or any compatible FTP client, you can update your PRO2 unit by simply connecting over port 22 and dragging the upgrade file to the root directory in the PRO2 unit as shown below:
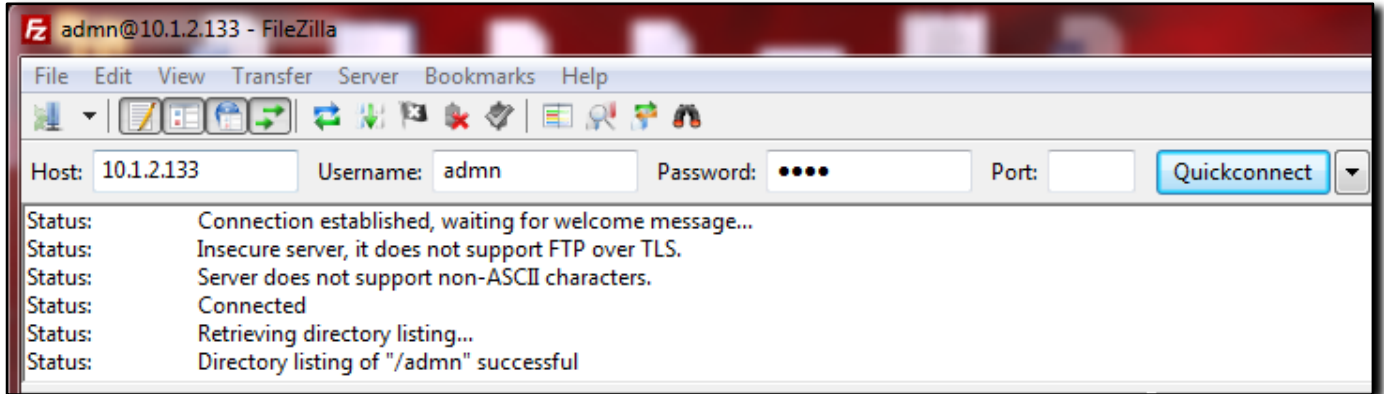

2. Click on the pro2-v8*.bin file and drag the file to the right-side of the pane. The upgrade and subsequent CDU restart will begin automatically. This will not affect the power the CDU is supplying to the outlets.

Upgrading firmware in the CDU over FTP using an FTP client

1. Follow the steps in the Upgrade CDU firmware using SFTPS without specifying a connection protocol parameter. FileZilla will default to FTP using port 21.

Notes

To discover the IP Address of the host box where you placed the bin file, perform the following:

1. Click the Start menu and open a command prompt

2. From the DOS prompt, enter >ipconfig/all

3. Search for:

4. Use this number for your host address.

Contact Technical Support

If you would like assistance with any of the instructions in this technical note, contact Server Technology's Technical Support department as follows:

Experience Server Technology's FREE Technical Support

Server Technology understands that there are often questions when installing and/or using a new product. Free Technical Support is provided from 8 a.m. to 5 p.m. PST, Monday through Friday. After-hours service is provided to ensure your requests are handled quickly no matter what time zone or country you are located in.

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