

## Incremental Upgrade Procedure

This document provides step-by-step instructions for performing an incremental upgrade. Upgrades can be performed in two main ways:

### 1. Upgrade Directly from the WTI FTP Site

- Issue the /ufw command and select the Incremental Upgrade Options.
- The system will display the available upgrade packets.
- Follow the on-screen instructions to complete the upgrade.

```
CPM> /ufw
UPLOAD FILE:
1. Servers: FTP/SFTP
2. Upload Firmware <MD5 Image File>
3. Upload Parameters <XML Parameter File>
4. Incremental Upgrade Options
```

### 2. Local Upgrade Methods (Compatible with firmware version v8.07 and above)

#### A. Upgrade via FTP/SFTP

- First access the unit and start the ftp/sftp servers through the /UF command.
- From the upgrade menu, select option 1 to start the ftp/sftp servers and keep the units current configuration.
- From your ftp/sftp application, make a connection to the unit and perform a binary upload of the downloaded file to the unit's default ram disk folder.
- Link to download the incremental files manually:

Console:

[https://ftp.wti.com/pub/TechSupport/Firmware\\_ARM/Console/current/](https://ftp.wti.com/pub/TechSupport/Firmware_ARM/Console/current/)

Power:

[https://ftp.wti.com/pub/TechSupport/Firmware\\_ARM/Power/current/](https://ftp.wti.com/pub/TechSupport/Firmware_ARM/Power/current/)

Note: Once the file has been transferred, it will take about 15 min for the upgrade process to complete. Do not power the unit off during this procedure. The unit will reboot itself when the process has been completed.

```
CPM> /uf

UPLOAD FIRMWARE:

This will start the receiving FTP/SFTP servers and wait for a
client to make a connection and upload a valid firmware binary image.

1. Start Servers Only <Do NOT Default Parameters>
2. Start Servers & Default <Keep IP Parameters & SSH Keys>
3. Start Servers & Default <Default ALL Parameters>
```

## B. Upgrade via WebGUI

- Log into the device at: [https://\(ipaddress\)](https://(ipaddress)).
- In the left navigation pane, click Configuration, then select Firmware.
- Click Choose File, select the downloaded upgrade packet, and proceed with the upgrade.

HOME	
STATUS	+
CONTROL	+
METERING	+
CONFIGURATION	-
GENERAL PARAMETERS	+
SERIAL PORT CONFIGURATION	
NETWORK CONFIGURATION	+
CELLULAR CONFIGURATION	+
USER CONFIGURATION	
VPN OPTIONS	+
PLUG GROUP DIRECTORY	
PLUG PARAMETERS	
REBOOT OPTIONS	+
ALARM CONFIGURATION	
TELEMETRY OPTIONS	+
DOWNLOAD UNIT CONFIGURATION	
<b>FIRMWARE</b>	
TEST	
LOGOUT	

### Firmware Upgrade

Please review the firmware [Release Notes](#), to see if there are any configuration upgrade issues.

Current Firmware Version: Version 8.07

You can check for [Firmware upgrades here](#)

Firmware Upgrade File  No file chosen

Specify a valid firmware file, files not matching your unit type will be rejected.