Application Note   AN2001

ETPort / WattsOn-Mark II (-E4) Firmware Upgrade Procedure

Summary

The firmware for the ETport (both external, and internal integrated on the WattsOn-Mark II –E4 model) may be upgraded in the field. Elkor Technologies Inc. discourages upgrading of firmware unless necessary or authorized by Elkor. This document describes the steps to upgrade the firmware.
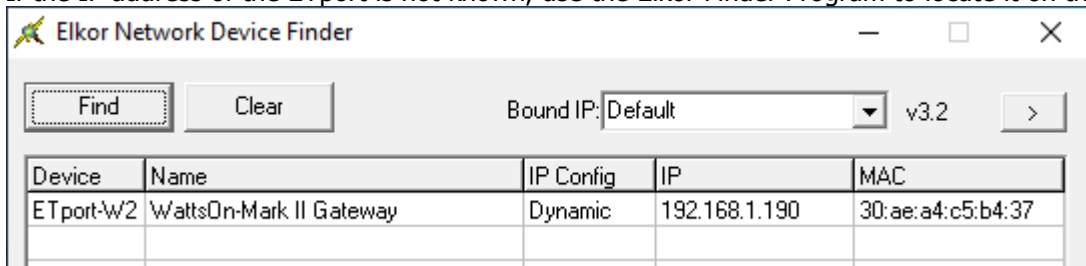
Note: This document refers to the Ethernet module as "ETport". Regardless if using the stand alone ETport, or the integrated model (W2-E4), the procedure is the same.

Preparation:

NOTE: *The default username is* `admin`*. The default password is* `admin`*.*

Step 1: Locate and Log into the ETport

1. If the IP address of the ETport is not known, use the Elkor Finder Program to locate it on the network:

Device	Name	IP Config	IP	MAC
ETport-W2	WattsOn-Mark II Gateway	Dynamic	192.168.1.190	30:ae:a4:c5:b4:37

2. Use the found IP address and open a web page to navigate to the ETport (TIP: you may right-click on the found device, and click "Open Browser" to streamline this process).
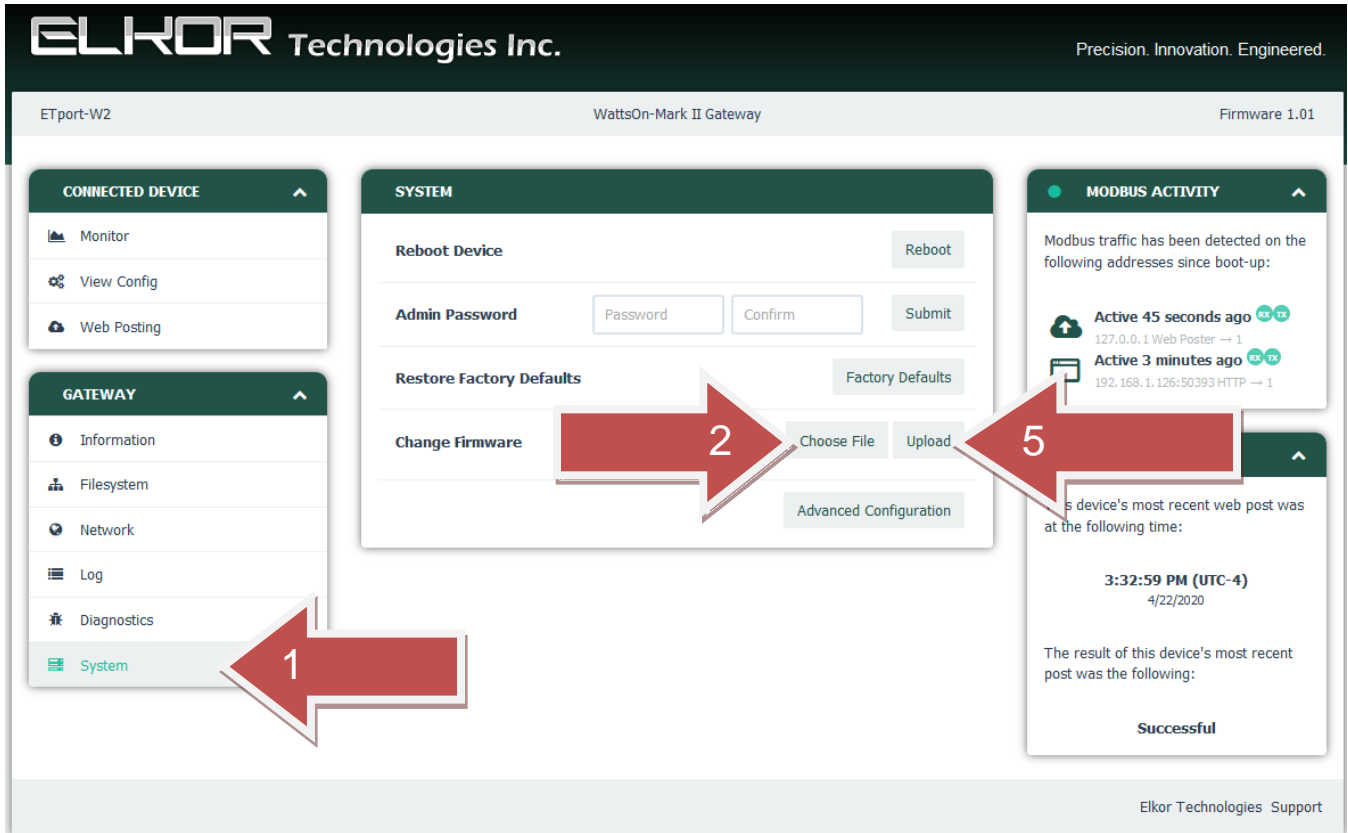
© Elkor Technologies Inc. 2021

Step 2: Reboot the Device

1. Click "System"
2. Click "Reboot"
3. Wait for the ETport to reboot, the web interface should refresh automatically. If it does not, close your browser, and navigate to the ETport again (or repeat Step 1)
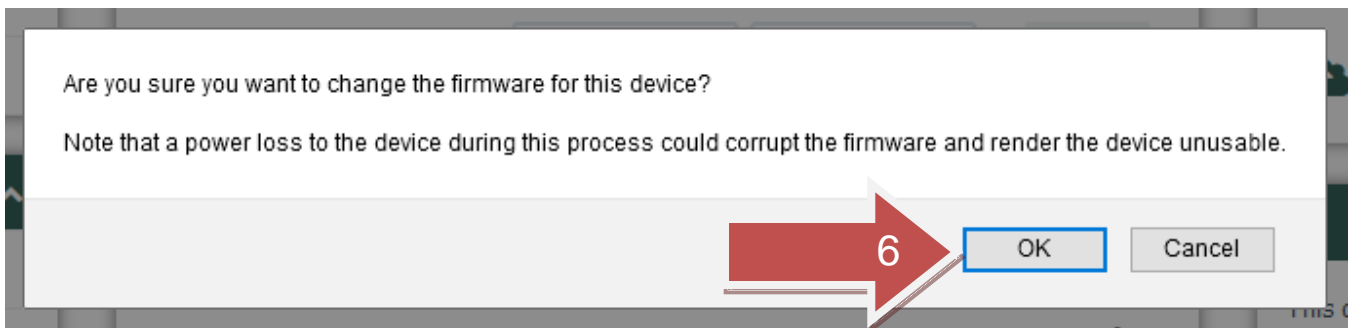
© Elkor Technologies Inc. 2021

Step 3: Update the firmware

1. Click "System"
2. Under "Change Firmware", click "Browse"
3. Navigate to the .frm file provided by Elkor Technologies Inc.
4. Ensure that the filename appears beside the Browse Button.
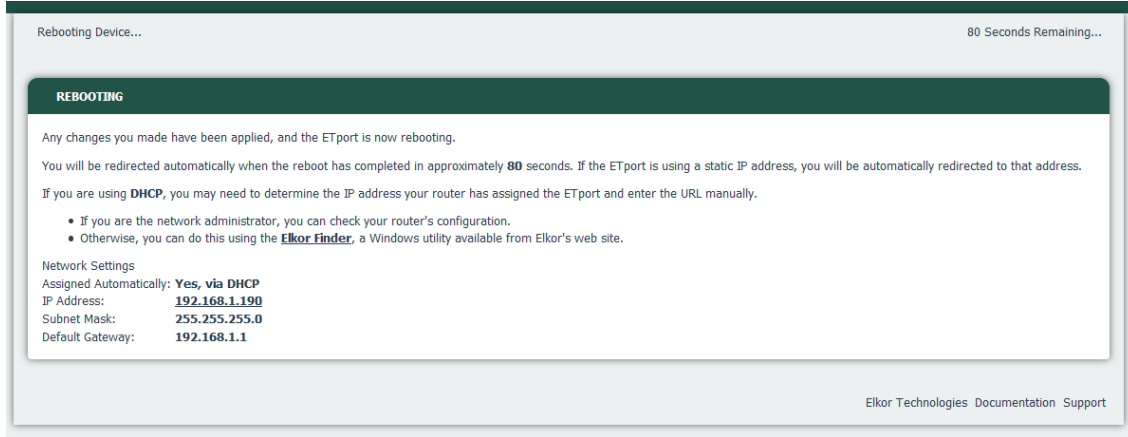5. Click "Upload"

6. Click "OK" to confirm the firmware upgrade

Step 4: Wait until ETport restarts

The ETport will process and apply the firmware upgrade. The firmware file will first upload, which can take 1-2 minutes, and then the device will reboot and apply the firmware update. Wait patiently until the timer expires, the process could take up to 5 minutes.

Step 4: Verify Firmware Version

Ensure that the firmware has been correctly upgraded by checking the firmware version information in the upper right corner & "Gateway Information" sections. (*Note: the screenshot below shows v1.07, however the actual firmware version number should read as per the firmware file provided*).