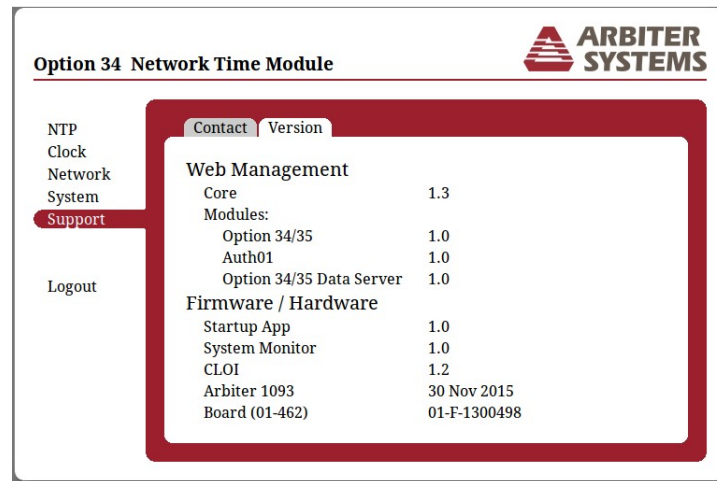
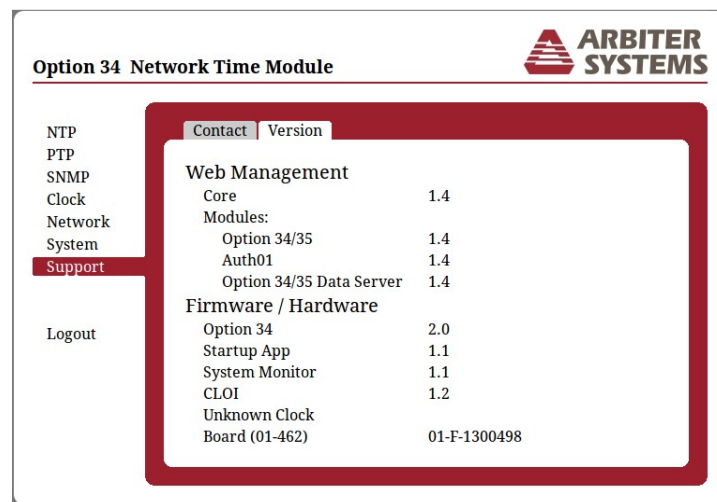


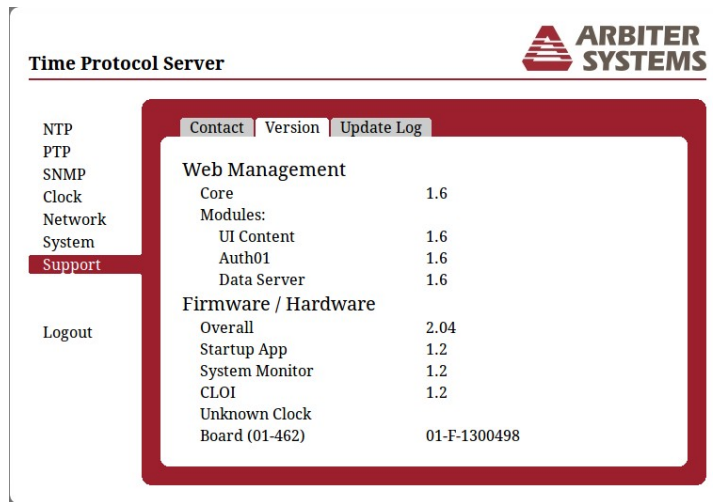
1. Log into your Option 34 (Opt34) or Time Protocol Server (TPS) and check the Version tab in the Support menu to see if your system is running 1.x or 2.x firmware.
  - If the first entry under the Firmware/Hardware heading is Startup App and the first digit of the Web Management Core version is a 1, your system is running 1.x firmware.



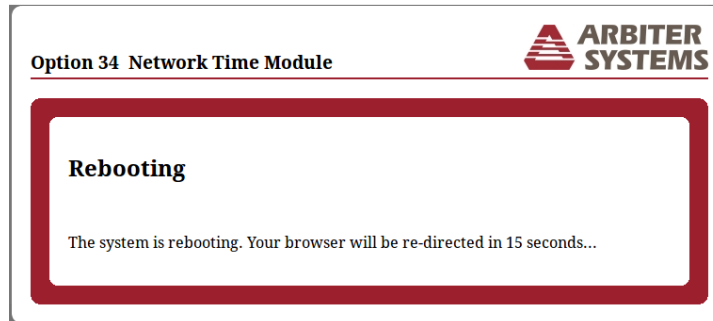
- If the first entry under the Firmware/Hardware heading is Option 34 and the first digit of the Option 34 version is a 2 as in the following screen shot, your system is running 2.x firmware. If the first digit is a 1, your system is running 1.x firmware.



- If the first entry under the Firmware/Hardware heading is Overall and the first digit of the Overall version is a 2 as in the following screen shot, you system is running 2.x firmware.

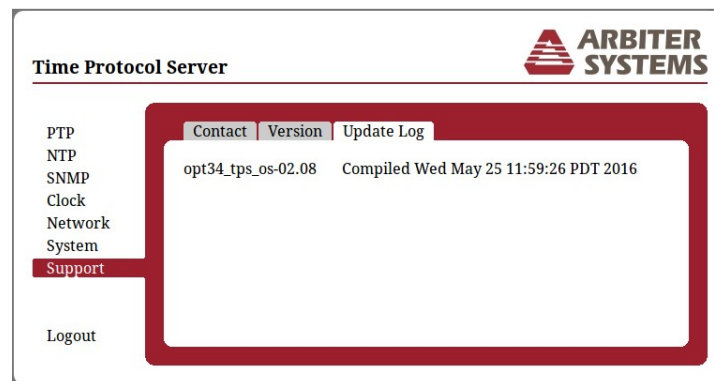


2. If your system is 2.x, skip this step and proceed to step 3.
  - The 1.x firmware has a bug in the partition table that must be fixed before continuing with the upgrade. This step will correct the problem.
  - Select the Upload tab of the System menu and upload the Opt34-1.x-prep.apf package. This step is very short and returns quickly. Once the prep package has completed, you will need to reboot the board. Sometimes the Web UI kicks the user out before a reboot has occurred. Just log back in and select reboot again. You should see the following screen as the system is rebooting.

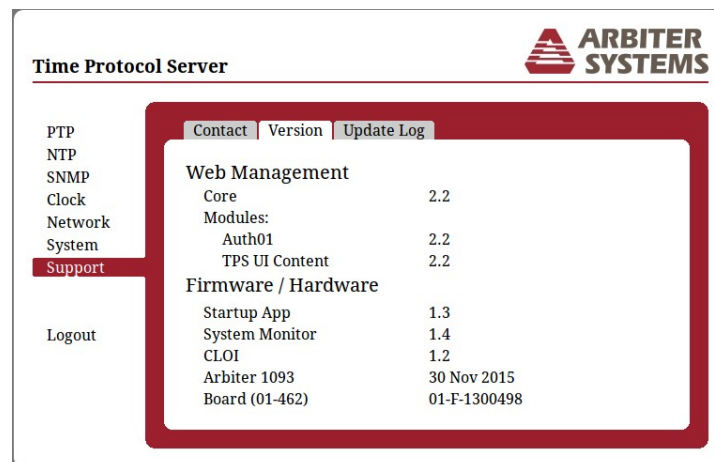


3. At this point, you should have confirmed that your system is 2.x or you have completed the procedure in step 2.
  - Select the Upload tab of the System menu and upload opt34\_tps\_os-02.08.apf package. This step takes a while. Please be patient and do not interrupt power during this time.
  - Your browser will probably not be able to reconnect in the time allowed for the reboot. Please wait an additional 30 seconds or so and retry.
  - After reconnecting, the system might kick you out and require another log in. If you get the Overriding Warning screen as a result, select Override and proceed.

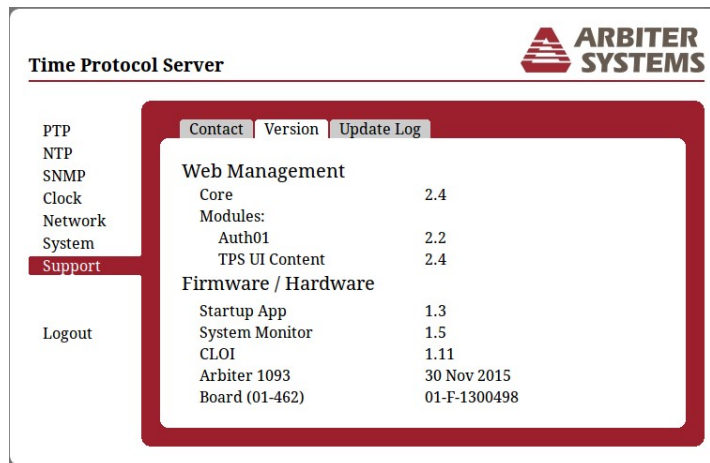
4. Check the Update Log tab in the Support menu to confirm 2.08 has been installed.



5. Check that the Version tab in the Support menu looks like this to confirm 2.08 is running.



6. If 2.08 is running, skip this step and proceed to step 7.
  - If 2.08 is installed (based on Update Log tab) but not running (based on Version tab), reboot the board and go back to step 5.
  - If 2.08 has not been installed, go back to step 3 and upload the 2.08 package again. This can happen if step 2 was skipped or didn't work for some reason. In this case, the first upload of the 2.08 OS package should have completed step 2 for you so proceed back to step 3.
7. Upload the opt34\_tps\_02.08\_update-00.11.apf package and power cycle.
8. Check the Version tab and the Update Log tab in the Support menu to confirm the update has been completed. If not, go back to step 7.



9. Upload the opt34\_tps\_ui-02.05.apf and power cycle.
10. Check the Version tab and the Update Log tab in the Support menu to confirm the update has been completed. If not, go back to step 9.

