

# TechNote #12

## Blue Fusion 5300 Firmware Upgrade Procedure

To upgrade the firmware on your controller follow these steps. It is very important not to interrupt the upgrade process once it has begun.

**Save the firmware file to a directory on your hard drive.**

- Stop the program running in the controller.
- Open your internet browser and begin an FTP session with the 5300 controller by typing [FTP://admin@\[controller's IP Address\]](ftp://admin@[controller's IP Address]). Enter user name and password when prompted (default user name is “admin”, default password is “BlueFusion”).
- Open the directory where the new firmware file is located. Drag and drop the new firmware file to the root directory of the 5300 i.e. anywhere in the main window (do not put the file in the “\_system folder”).
- After dragging and dropping the file to the 5300 controller’s root directory, be sure to allow ample time for the 5300 to load the new firmware. As the file transfers, status light ST1 will illuminate. When complete, status lights ST2 and ST3 will also illuminate for a short time, and then all three lights will turn off upon completion of the flash upgrade. It is a good idea to allow some extra time (30 to 60 seconds or so) to ensure the upgrade process is complete. It is very important not to interrupt this process.
- After the new firmware is successfully loaded, you must recycle power and allow the 5300 controller to re-initialize from a clean boot.

**Verify firmware version.**

- After the 5300 controller is re-powered, you can verify the firmware version by opening a Telnet session via the Window’s Command Prompt.
- From the Window’s Command Prompt run the command, “telnet [IP Address]”.
- Log in with the user name and password (default user name is “admin”, default password is “BlueFusion”).
- From the Telnet prompt type the instruction, “get versions” (note: this instruction is case-sensitive). All module and CPU version information will scroll down the screen.