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Release Notes NTMS Version 1.6b firmware

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About Firmware Upgrades

Firmware upgrades are made to the NTMS by loading a Networked Robotics .nrf (Networked Robotics Firmware) file into the NTMS through the network using the Networked Robotics Hardware Upgrade Wizard. The Hardware Upgrade Wizard is available from the Download section of the Networked Robotics web site. Firmware upgrades can only be made from a PC on the same subnet as the NTMS.

If the network goes down, or a power failure occurs during the process of firmware upgrade, restart the NTMS unit and begin the process of firmware upgrade again.

Compatibility

NTMS firmware 1.6b can only be used with NTMS hardware shipped after November 1, 2006.

Enhancements

This firmware contains no new enhancements, but has a fix to allow the firmware to operate correctly on newer versions of the microcontroller used in the NTMS. Specifically, this firmware is required if the NTMS is using rev 0x6 (aka b4 silicon) of the PIC18F4620, or newer. NTMS with newer silicon began shipping in late October of 2007. This firmware is also compatible with older versions of the 18F4620 as well.