Release Notes NTMS Version 1.8b firmware

March 11, 2008

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 1.8b can only be used with NTMS hardware shipped after November 1, 2006.

Enhancements

This firmware release contains support for recent changes made to the Revco ultra-cold communication protocol. Previous releases checked the first four incoming bytes to verify they were valid ASCII characters in the range "0" to "9" or "A" to "F". If any of the bytes were not in that range, the entire input was discarded. Recent Revco units changed to start sending 0x00 instead of an ASCII "0" (0x30). This caused the input to be discarded. This release makes allowances for this change. Parsing of the rest of the input string is unchanged.

No new NTMS Configuration Wizard is required for this release. You can continue to use release 4.0.