



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Logicmaster 90-70 TCP/IP Ethernet Setup

AN# 1018A

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Description: Logicmaster Setup with the 9450-AT4+

When GE Fanuc Series 90-70 Logicmaster TCP/IP Ethernet Version 6.02 software in a 9540 with a AT4+ board with 32Meg of memory, Logicmaster will cause random file errors such as crosslinked, file name changes and other erroneous file errors on the hard drive. In the Beame & Whiteside software configuration the buffer space size for Ethernet communication packets should be set to 26000 (default setting) or higher. Anything less then this setting will cause an error.

To change this setting do the following:

1. Go in the BWTCP sub-directory on your hard drive.
2. On the command line run the BWCUSTOM.EXE file.
3. Choose the hardware configuration.
4. Then choose the Buffer size option and enter 26000 if it is less then this.
5. Save your configuration and reboot the system and these errors should not happen.

This problem was found when using the following hardware and software:

1. 3Com III Ethernet card
2. 9450 with a AT4+ board with 32Meg of memory.
3. GE Fanuc Series 90-70 BW-Connect TCP Ver 3.21 software.
4. GE Fanuc Series 90-70 Logicmaster TCP/IP Ethernet Ver 6.02 software.