



Application Services  
(866) 284-5509

Technical Bulletin No. 112603 JM

Insight IC Software ver 1.2.3 and  
MCE ver 1.17 Release

**Description:**

This is the release of version 1.2.3. Only customers with bugs addressed or those that require the features below should be upgraded.

**Bug Fixes Addressed:**

- Most Remote Enable/ Disable problems are corrected.
- This software enables complete Powerhead functionality.
- Static IP Addressing Ethernet issues are resolved.
- Problem in 1.2.1 where the tool runs in Reverse with Remote Enable off is fixed.

**Known Bugs:**

- Only the "Remote Enable" bit can be used. When ON, the tool will operate. When OFF, the tool will not operate. "Remote Disable" has no function.
- Parameter sets can not be loaded off of the PCMCIA when upgrading to 1.2.1. See **Restrictions** below.
- MCE software load only upgrades MCE #1. See **Restrictions** below.

**New or Enhanced Features:**

- "System Ready" Output
- "No Bolt Found" Output
- "Reset Outputs" Input
- Closed-Loop Socket Tray operation
- "1-Line" Remote Enable/Disable ("2-Line" is the same as standard Remote Enable/Disable in earlier versions)
- Configuration Interlock
- Enhanced Dialog Box operation
- Configurations for handheld tools can be selected over Fieldbus
- Enhanced EOR Data for Fieldbus

**Restrictions:**

**When upgrading from 1.1.x versions of IC software, the PCMCIA card or Floppy disk CAN NOT be used to restore parameters.** It is necessary to key parameters back into the system manually. (This is not necessary when the parameters are saved on a 1.2.x system.)

To reduce the impact of re-keying parameters into many systems when upgrading a major installation, Application Services will convert parameter sets to version 1.2.3 free-of-charge. Call (866) 284-5509 and have an RGA number assigned to the parameter set. Mail in a PCMCIA card or diskette or e-mail a zip file to the AIC at least one week before the upgrade is to take place. Configurations will be returned on the same media in which they are submitted.

**When upgrading MCE software, only MCE #1 upgrades on a 2-spindle.** The MCE software can either be upgraded before 1.2.3 is installed, or the CANBus connector can be removed from MCE #1 and the software can be loaded again. With the MCE #1 CANBus connector removed, the system will upgrade MCE #2.

See AS 112403 JM for LeechFTP Setup Instructions  
See AS 112503 JM for Software Load Instructions

*Instructions for Loading ALL Software over FTP:*

1. Print Parameter/Configuration Data to a PCMCIA card, printer, or floppy disk by going to RUN/ VIEW PARAMETERS and pushing the green PRINT key. Choose Spindle #1 and choose *Parallel Port* if you have a printer connected, *Floppy Disk*, or *PCMCIA Flash Disk*.

Repeat this for Spindle #2 if this is a 2-Spindle IC.

**Note:** If the system does not currently have a PCMCIA card installed, you must power down, install the card, and power back up again.



2. Turn OFF power to the Insight unit.
3. Put a jumper on pins 5 and 6 of J15 located on RISC board.
4. Set the laptop PC IP address to 192.168.4.100
5. Connect RJ-45 crossover Ethernet cable from PC to Insight unit.
6. Have LeechFTP running, navigate to the correct software folder and double-click the 192.168.4.2 bookmark.
7. Turn ON power to the Insight Unit and wait until the connection is made and you see the folders on the Insight unit(about one minute).
8. Move the jumper to pins 7 and 8 of J15 located on RISC board.
9. Highlight the file(s) you want to transfer and either click the UPLOAD icon or drag the file(s) to the Insight unit window.
10. Double-click on the "Config" directory on the Insight IC
11. Transfer mce.bin into the "Config" directory (Verify that the file transferred by refreshing)
12. Remove the jumper and recycle power
13. In Setup/ Parameter Transfer, select "Flash Disk" and select "Load Software"
14. Accept the loading of the mce.bin file (If the file transfer window stays on 0% for more than 5 seconds, hit the green "Enter" key and repeat the previous step)
15. After the file has loaded and has been transferred to the MCE's, recycle power
16. Open the file called PRMDMP1.TXT and key in all the variables back into the SETUP/ SPINDLE INITIALIZATION, SETUP/ SYSTEM INITIALIZATION, and SETUP/ ADVANCED SETUP for Spindle #1.

Repeat this for the file called PRMDMP2.TXT for Spindle #2 if this is a 2-Spindle IC.

