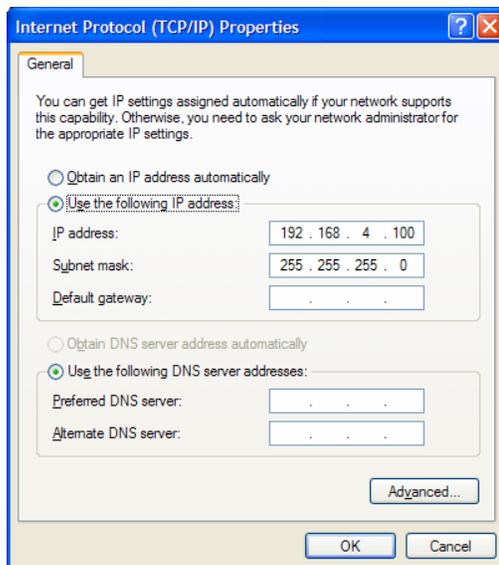Application Services (866) 284-5509

Description:

This bulletin describes the correct loading of **Insight ICD** and **ICM** Software. **RISC** software, the **Language File**, and the **MCE** software are all loaded different ways.

PC Setup Procedure for FTP:

1. From the "Start" menu select "Settings" then "Control Panel"

2. From the Control Panel double click "Network" icon.

3. In the "Configuration" tab, scroll down until you find "TCP/IP -> (your network card name that you will connect to the Insight -IC box).

4. Click "Properties" and you will get into another screen.

5. Click on "Specify an IP address"

6. Type in **192.168.4.100** for the "IP Address"

7. Type in **255.255.255.0** for the "Subnet Mask"

8. Click "OK". Restart the computer if required.

9. Connect an RJ-45 Ethernet Crossover Cable from the PC to the Insight-IC box directly. If you are using a hub then use 2 RJ-45 Patch Cables.
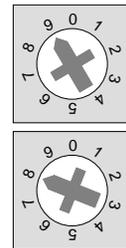
Note: You can tell the difference between Ethernet Patch Cable and Crossover Cable by looking at the wire colors at the ends. Both ends of a Patch Cable will look the same, but some wires will be in different positions on a Crossover Cable.
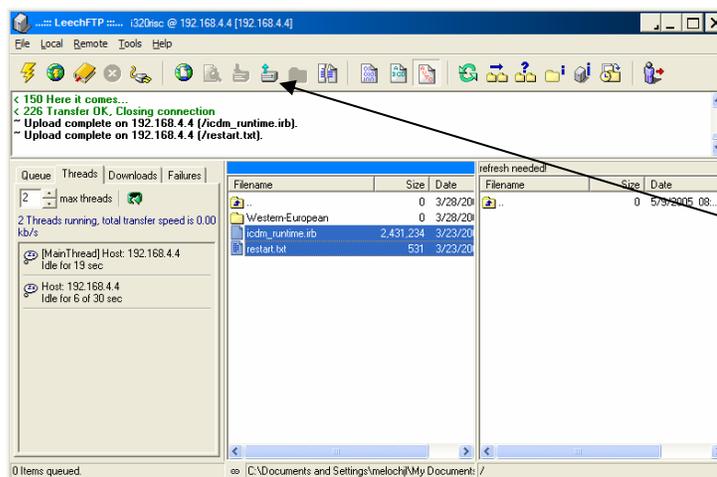
Leech FTP Setup:

1. Add a bookmark in Leech FTP with "**192.168.4.4**" for the "Host or URL", "**i320risc**" for the "Username", and "**olympus**" for the "Password".

RISC Software Loading Procedure:

1. Connect the controller to the PC using an Ethernet crossover cable.
2. With the controller OFF change the CAN switch position to **98** as shown.

3. Turn ON the controller. Wait about **15 seconds** until:

   ICD: Message "**FTP file: /icdm_runtime.irb**" appears

   ICM: Message "**E-017**" appears

4. Connect to the controller using LeechFTP and the **192.168.4.4** bookmark described above.
5. Highlight the RISC files "**icdm_runtime.irb**" and "**restart.txt**" and click the "Upload" icon.

UPLOAD ICON
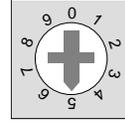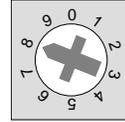
Wait about **10 seconds** until:

   ICD: Message "**Restore CAN switch position to runtime setting.**" appears

   ICM: Message "**E-016**" appears

6. Change the CAN switch position to **85** as shown. The controller will start showing percentage of load:

       ICD: Shows the actual percentage.

       ICM: Shows dashes across the screen until there are 5 dashes total.

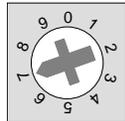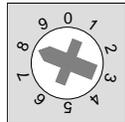The controller will reboot automatically. **DO NOT TURN OFF THE UNIT DURING THIS PROCESS**.

7. Wait about **4 minutes** until:

       ICD: Message "**Set CAN switch to accept or reject, 87 or 83.**" appears

       ICM: Message "**E-048**" appears.

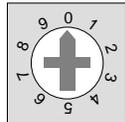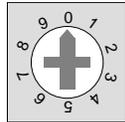8. Change the CAN switch position to **87** as shown.

9. Wait about **5 seconds** until:

       ICD: Message "**Restore CAN switch to runtime setting.**" appears

       ICM: Message "**E-016**" appears.

10. Change the CAN switch position to **00** as shown.

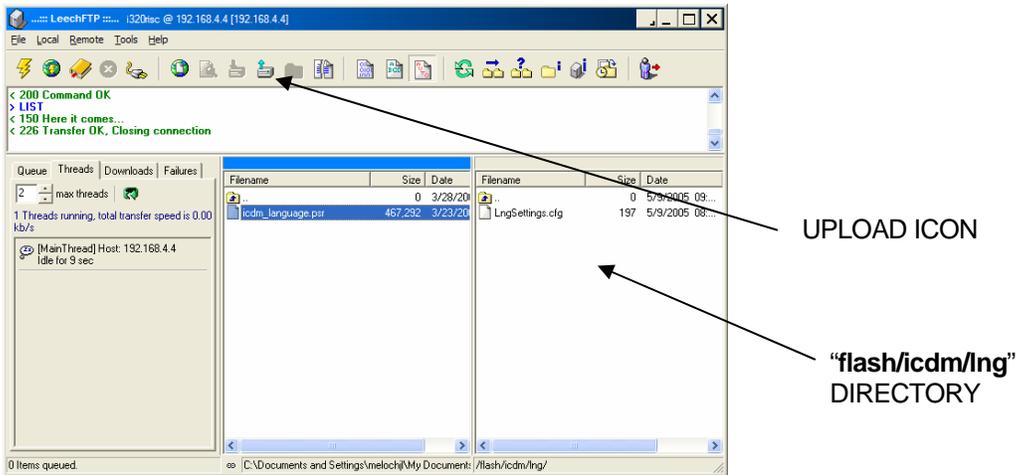11. Wait about **3 minutes** while the system formats and restarts:

       ICD: Displays the Run/ Main screen.

       ICM: Message "**E-051**" and "**0.0**" appears.

NOTE: On the ICD, the message "PSR file not found – default language file is being used." will briefly flash on the screen. This is normal for the first boot-up following a software upgrade.

Language File Loading Procedure:
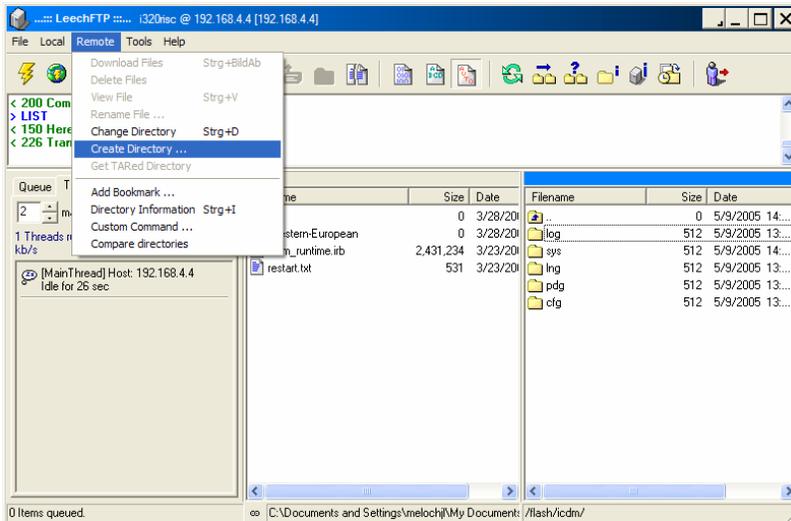
1.   Connect the controller to the PC using an Ethernet crossover cable.

2.   Connect to the controller using LeechFTP and the **192.168.4.4** bookmark described above.

3.   In the right-hand panel, double-click on "**flash**", then "**icdm**", and then "**lng**".

4.   Highlight the Language file "**icdm_language.psr**" and click the "Upload" icon.

UPLOAD ICON

"**flash/icdm/lng**"
DIRECTORY

5.   Reboot the controller.

MCE File Loading Procedure:

1.   Connect the controller to the PC using an Ethernet crossover cable.

2.   Connect to the controller using LeechFTP and the **192.168.4.4** bookmark described above.

3.   In the right-hand panel, double-click on "**flash**" then "**icdm**".

4.   Go to the **Remote** menu and choose "**Create Directory**…"
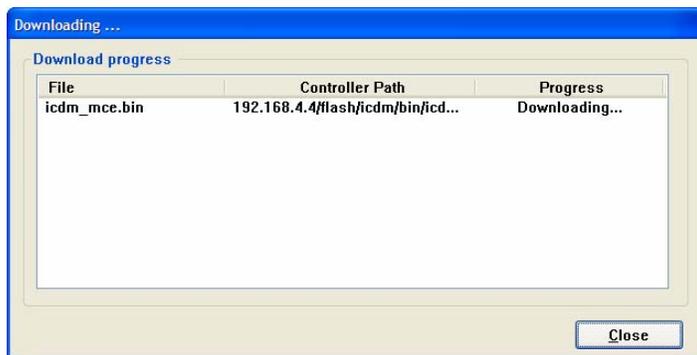

5.   Name the new directory "**bin**".

6.   Ensure that a tool is attached to the controller and launch **ICS Connect**.

7.   Go to the **Setup** menu and select "**Download Software**".

8.   Select the controller model type and check the box next to the controller's IP address.

9.   Click on the **Browse** button and find the file called "**icdm_mce.bin**". Double click on the file.

10.   Click on the **Start** button. (Two warnings will appear – Click "**Yes**" and "**OK**" to these.

11.   When Progress changes from "**Downloading…**" to "**Completed**", click on the **Close** button to close the Download Software window.