



Application Services (866) 284-5509

Technical Bulletin AS 082005 JM

ICD & ICM Software Loading using ICS

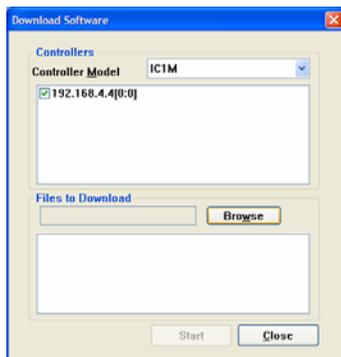
Description:

This bulletin describes the correct loading of **Insight ICD** and **ICM** software using ICS (Insight Control Software). **RISC** software, the **Language File**, and the **MCE** software can all be loaded this way.

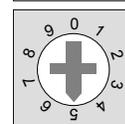
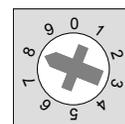
NOTE: Make sure that you have a valid connection to the controller or controllers that you wish to upgrade.

RISC Software Loading Procedure:

1. Ensure that a tool is attached to the controller and launch **ICS Connect**.
2. Go to the **Setup** menu and select "**Download Software**".
3. Select the controller model type and check the box next to the controller's IP address.



4. Click on the **Browse** button and find the file called "**icdm_runtime.irb**". Double click on the file.
5. Change the CAN switch position to **85** as shown.



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

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.**

- When Progress changes from **“Downloading...”** to **“Completed”**, click on the **Close** button to close the Download Software window.

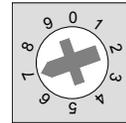
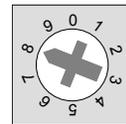


- Wait about **8 minutes** until:

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

ICM: Message **“E-048”** appears.

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

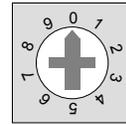
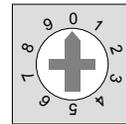


- Wait about **5 seconds** until:

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

ICM: Message **“E-016”** appears.

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



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

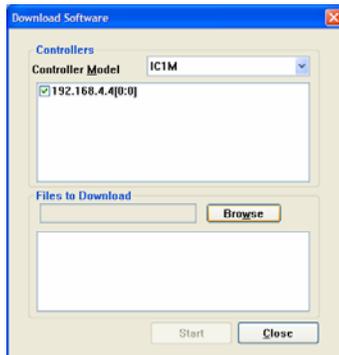
ICD: Displays the Run/ Main screen.

ICM: Message **“E-051”** and **“0.0”** appears.

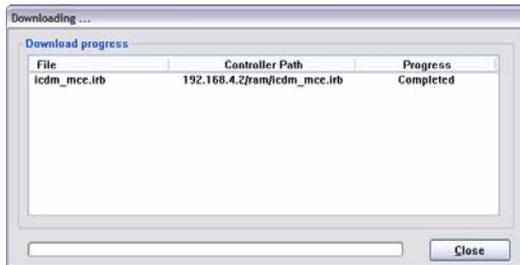
NOTE: On the ICD, the message **“PSR file not found – default language file is being used.”** will briefly flash on the screen. This is normal for the first boot-up following a software upgrade.

MCE File Loading Procedure:

1. Ensure that a tool is attached to the controller and launch **ICS Connect**.
2. Go to the **Setup** menu and select "**Download Software**".
3. Select the controller model type and check the box next to the controller's IP address.

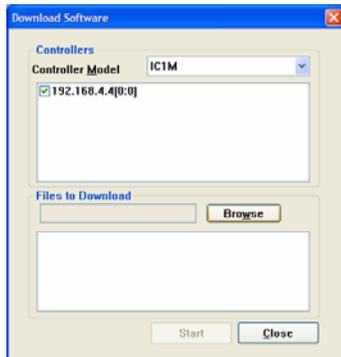


4. Click on the **Browse** button and find the file called "**icdm_mce.irb**". Double click on the file.
5. When Progress changes from "**Downloading...**" to "**Completed**", click on the **Close** button to close the Download Software window.

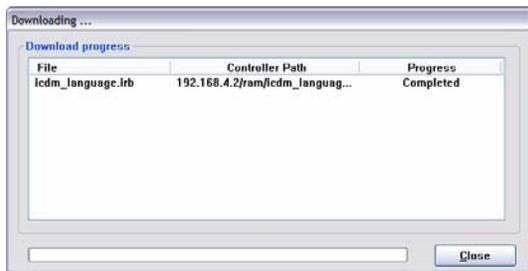


Language File Loading Procedure:

1. Ensure that a tool is attached to the controller and launch **ICS Connect**.
2. Go to the **Setup** menu and select “**Download Software**”.
3. Select the controller model type and check the box next to the controller’s IP address.



4. Click on the **Browse** button and find the file called “**icdm_language.irb**”. Double click on the file.
5. When Progress changes from “**Downloading...**” to “**Completed**”, click on the **Close** button to close the Download Software window.



6. Once the download is complete, the controller will reboot itself.

IMPORTANT! Final Check:

To ensure that all of the software loaded correctly, go to “Setup”/ “General” and choose the controller that was just upgraded. Click on the “Controller Version” button and ensure that the version numbers are all for the new software.

If the version numbers are not correct, repeat the steps above. If the software still can not be loaded this way, refer to bulletin number **AS 041205 JM for ICD & ICM Loading Instructions using LeechFTP**.

See AS 040905 JM for ICS Software Loading and Licensing
See AS 041205 JM for ICD & ICM Loading Instructions using LeechFTP