Description:

This procedure will load the Insight PFS1-G or PFS2-G Graphics Software to a controller with or without Laplink 5 (LL5) software. If the Laplink software is already installed in the controller then the remote install of LL5 is not required, proceed with the actual installation of the Graphics Software.

The SCM software is loaded using Procomm Plus and the bulletin number AS 030904 DS.

Alternative:

In some cases, the LapLink software will not be able to maintain reliable communication with the Insight Graphics system. If you are unable to load software after repeated attempts, a pre-loaded "Disk-on-Chip" is available from the Service Department at (866) 284-5509.

This can be used to replace the currently installed "Disk-on-Chip" shown below for a complete software upgrade to the door computer.

ARCNET BOARD AND ADAPTER

1.   Turn system power OFF.

2.   Remove the plexiglass cover from the back of the door computer.

3.   Remove the Arcnet Board and Adapter and swing it out of the way.
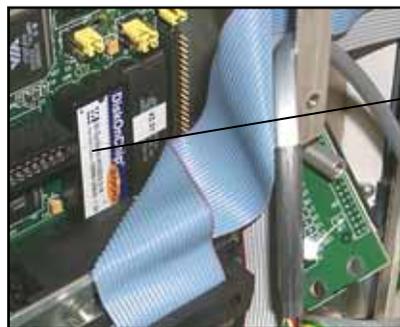
DISK ON CHIP

4.   Remove the small circuit board covering the Disk-on-Chip (it is held in place by one screw) and swing it out of the way.

5.   Remove the Disk-on-Chip. Be careful not to bend the pins.

NOTCH

6.   Make sure that the dot on the top of the Disk-on-Chip matches the notch on the top of the header and install the new Disk-on-Chip.

7.   Reinstall the small circuit board, Arcnet board, and plexiglass cover.

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Items Required:

Desktop or Laptop Computer with a Serial Port
A licensed copy of **LapLink 5** for DOS
DB-9 Male to Female Null Modem Cable

Installing and Setting Up LapLink 5 on the Desktop/ Laptop:

1. Make a new temporary folder on the C: drive and unzip LL5.ZIP into it.

2. Double-Click on "**Install.exe**"

3. When it asks if your screen ac display colors, press "**Y**"

4. Type your name.

5. Accept the default installation directory.

6. Enter a name for your PC.

7. When is asks if there is a printer on LPT1, press "**Y**"

8. When is asks if you want to run in Windows, choose "**N**"

9. Choose "**Express**"

10. Choose "**Ignore**" if the software has problems opening the COM ports.

11. Press **[Alt][o]** to go to the "Options" menu and scroll to **Port/ Modem Setup**.

12. Scroll to **COM2** and press **[Enter]**. This will disable the COM2 port.

13. Press **[Alt][e]**, then **[Alt][o]**, then **[Alt][d]** when finished.

Remote Install of LL5 Procedure:

1. When the Insight system is in the Run Main Screen, open the door and pull the long green plug out of the back of the Insight computer. After the Insight shows the "C:\TWISTER" prompt on the screen, push the plug back in.

LONG GREEN CONNECTOR

2. Turn on the desktop/ laptop computer and launch the Laplink software by going to the c:\LL5 directory and double-clicking on "**LL5.exe**".

3. Connect the null modem cable from the com port of the laptop computer (9 Pin Connector) to the AUXILIARY COM port of the side of the Insight cabinet.

4. On the right hand side of the laptop computer Laplink screen use the down arrow and the **[Enter]** key to select "Remote Install".

5. Ensure that com port COM1 is selected for both the local and remote computers. If it is not the press **[Alt][l]** or **[Alt][r]** to change port settings.

6. Type the name "INSIGHT" for the remote computer name and press **[Enter]** to install LL5 on the remote machine.

7. On the Insight computer type "**5689**" and press the **[Enter]** Key.

8. On the laptop computer press **[Enter]** to OK.

9. On laptop computer press **[Enter]** to OK begin remote install.

10. When finished, you may restart the Insight or begin uploading software.

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Insight Software Installation Procedure:

1. If the Insight software is still running, go to "**Setup/ Password and Login**" and log in with the password "**4119**".

2. Go to the "**Windows**" button and press **[Enter]**.

3. Type **[555]** and then press **[Enter]**.

4. On the right hand side of the laptop computer display, arrow down to "**INSIGHT on COM1 (155,200)**", and press **[Enter]**.

5. NOTE: if a message comes on the screen indicating the systems have different times, select "Don't change".

6. On the right hand side of the screen select "**c:**", and press **[Enter]**.

7. On the right hand side of the screen select "**TWISTER**" directory, and press **[Enter]**.

8. On the laptop computer on the right hand side of the screen, tag (by pressing the space bar) all files to be deleted in the **c:\twister** directory. This will include all files except "**.bat**" files.

9. Press **[F6]** to DELETE files. Then press **[d]** to actually delete the files.

10. If the files to be copied are on a floppy disk, select to view your a: drive on the laptop computer (left hand side). If they are in a directory on your c: drive then select the directory by pressing **[Enter]** until you are in the directory.

11. On the laptop computer, on the left hand side of the screen, tag (by pressing the space bar) all files to be copied to the Insight system. Note: Make sure the right hand side of the screen is in the C:\TWISTER directory.

12. Press **[F2]** to copy all of the tagged files and then press **[Enter]**.

13. When all files have been loaded, turn OFF; wait 10 seconds, then turn ON the Insight computer.

14. When the Insight system is coming up, you will receive a message, "**Could not find the required file 'setup\twister.dat'. It may be missing or it is corrupt"** and a message, "**Unable to read EOR data for spindle 1**", press **[Enter]** for both messages, you are now finished.