FCO 512-00269A Change the crossover connection leading from the output device to Brisque with a network connection

Document number: 719-00479A Rev A

Release date: 23rd June 05

Applies to

- Lotem® 400
- Lotem 400 Quantum
- Lotem 800
- Lotem 800 II
- Lotem 800 Quantum
- Lotem Quantum Spectrum
- Magnus® 400
- Magnus 400 Quantum
- Thermoflex® - Mid
- Thermoflex - Narrow
- Thermoflex – MidII

Priority: **Next visit**

Component	Category 5/6 straight through networking cable, catalog number *216-00129 - RJ45 to RJ45 Shielded Cable 30M*, supplied with FCO 512-00269A. (The existing crossover cable should **not** be used).

Problem

Remote support is not currently possible with crossover connection - need to enable remote support.

Solution

Swap the device over to network connection by switching to Category 5 straight through networking cable (part number 216-00129) - RJ45 Shielded Cable.

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Time required	30 minutes
Prerequisites	• Available port on network switch 100 BT or available wall jack (for network cable mentioned above). • Available IP address on the same subnet as the Brisque's ethernet adapter. Quick way to evaluate the subnet: a. Open an AIX terminal on the Brisque. b. Run the **hostname** command. The Brisque name is displayed. c. Run **ping <hostname>**. The Brisque IP address is displayed. d. Run **smit tcpip** and select **Minimum Configuration & Startup**. e. Select the appropriate network interface (en0, en1, …), and verify the **HOSTNAME** and **Internet ADDRESS** are the same as in steps b and c above. **Note:** The Device IP address should begin with the same three digits as the **Internet ADDRESS.** The value in the **Network Mask** should be used as the device subnet mask for the device. For example, if Brisque IP address is 169.254.255.100, then device IP address should begin with 169.254.255.

Parts included in FCO

Part Number	Part Name	Quantity
216-00129 – RJ45 Shielded Cable 30M	Category 5/6 straight through networking cable	1

FRU after FCO implementation	216-00129 – RJ45 Shielded Cable 30M

Procedure

Connect the Network Cable

1. Open door.
2. Disconnect the existing crossover cable between the Brisque and device. Make sure you do not disconnect the Brisque from the customer network via the fast ethernet board on the Brisque.
   - Brisque 6F1 platform – see 6F1 Ethernet Connectivity (Refer to http://techplanet.creo.com/software_solutions/workflow_software/brisque/content/docs/f50_slide18.pdf).
   - Brisque 44P-170 platform – see 44P Ethernet Connectivity.(Refer to http://techplanet.creo.com/software_solutions/workflow_software/brisque/content/docs/44p_slide18.pdf).
   - Brisque 43P-140/150 platform – see 43P Ethernet Connectivity (Refer to http://techplanet.creo.com/software_solutions/workflow_software/brisque/content/docs/43p_slide18.pdf).
   - Brisque F50 platform – see F50 Ethernet Connectivity (Refer to http://techplanet.creo.com/software_solutions/workflow_software/brisque/content/docs/f50_slide18.pdf).

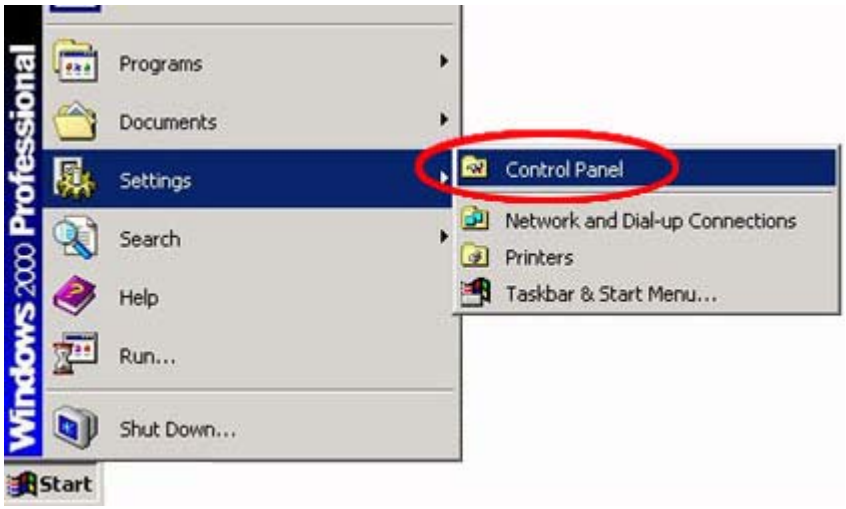
3. Connect the category 5 straight through networking cable from the device to the available port in the switch/wall jack.

Set up a new IP Address on the Device

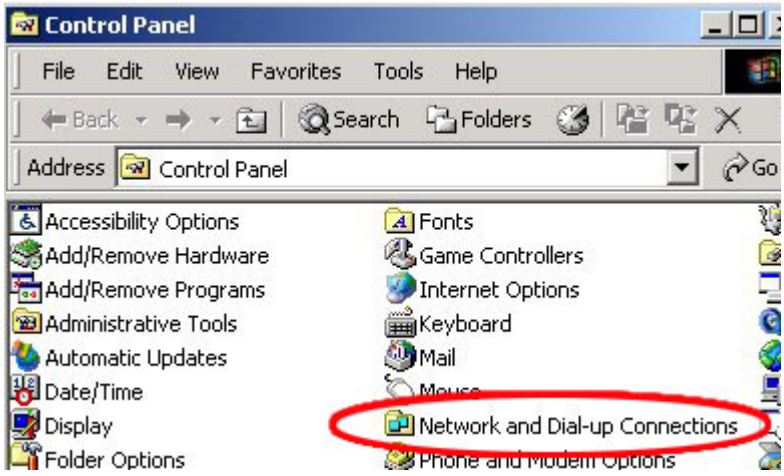
Change the IP address of the device Controller to an available, non-occupied IP address provided by the site administrator, in the same domain as the Brisque (as described in the prerequisites).

For Microsoft® Windows® OS 2000

1. From the Start menu, select **Settings > Control Panel**. The **Control Panel** window is displayed.

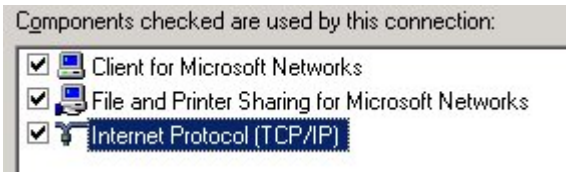


2. Double-click **Network and Dial-up Connections**.

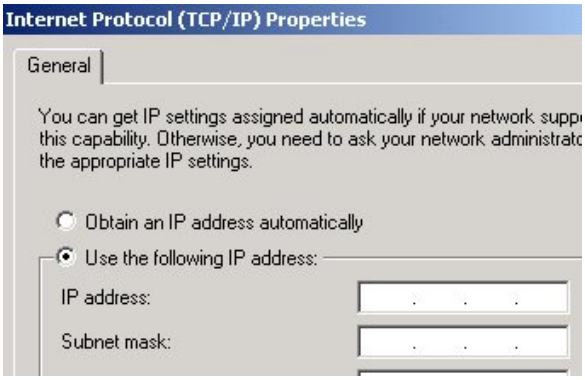


3. In the Network and Dial-up Connections dialog box, select the **General** tab.

4. Double-click **Internet Protocol (TCP/IP)**.



5. In the Internet Protocol (TCP/IP) Properties dialog box, click **Use the following IP address**.
6. In the **IP address** box, type the new IP address of the device.
   Note: Use an available, non-occupied IP address, provided by the site administrator.



7. In the **Subnet mask** box, type the subnet mask – ensure that it matches the Brisque's subnet (see Prerequisites, above).
8. Leave the **Default gateway** field empty.
9. Click **OK**. The Internet Protocol (TCP/IP) Properties dialog box closes.
10. Click **OK**. The Local Area Connection Properties dialog box closes.

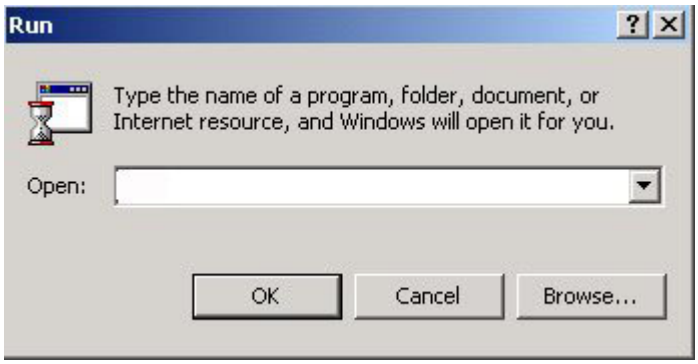
For Microsoft Windows OS 95

1. In device Controller Start menu, select **Settings > Control Panel.**
2. In the Control Panel window, double-click **Network** icon.
3. In the Network and Dial-up Connections dialog box, select the **Configuration** tab.
4. Double-click **TCP/IP**.
5. Select **IP Address** tab.
6. Select **Specify an IP address**.
7. In the **IP address** box, type the new IP address of the device.
   Note: Use an available, non-occupied IP address, provided by the site administrator.
8. In the **Subnet mask** box, type the subnet mask - ensure that it matches the Brisque's subnet (see prerequisites above).
9. Click **OK**. The TCP/IP Properties dialog box closes.
10. Click **OK**. The Network dialog box closes.
11. To restart the Device (if required), click **OK.**
    Note: On first log in after changing to the new settings, it is recommended that you enter the password **scitex** in the login screen.

Your Platesetter's IP Address

For Device platesetters running on Microsoft Windows OS 2000 or Windows NT

1. In device Controller **Start** menu, select **Run**.



2. Type **cmd** and click **OK**.
3. In the command window, type **ipconfig** and press **Enter**. The IP address of the device is displayed.



4. Type **exit** and press **Enter**.

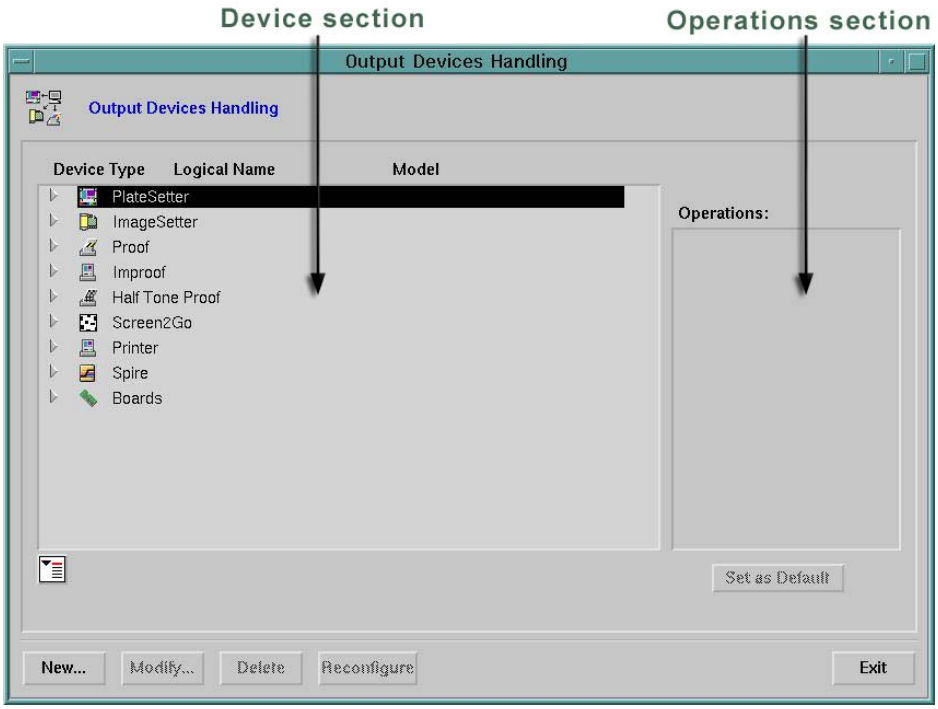
For devices running on Microsoft Windows OS 95

1. In device Controller **Start** menu, select **Run**.
2. In the Run dialog box, type **winipcfg** and click **OK**. The IP address of the device is displayed.

Configuring the platesetter in Brisque

To set up a connection between the Brisque software and an output device, configure the output device in the Brisque host's **Output Devices Handling** window.

After completing the configuration, it is recommended that you perform a *reconfiguration* process to confirm that the connection is set up correctly. The reconfiguration process also stores the output device information in the Brisque database.



The **Output Devices Handling** window is divided into two areas: the device section, which lists all the devices that can be configured in Brisque, and the operation section, which lists all the operations associated with the selected device.

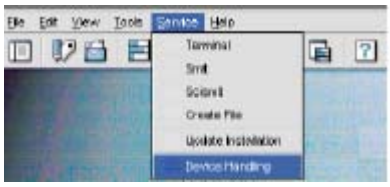
The device section has three columns:

- **Device Type**: This column displays the device groups, such as platesetters, image setters, and proofers. Under each group, the list of device families appears, such as Device and Trendsetter for the platesetter group. You can expand and collapse each level.
- **Logical Name**: This column displays the name of a specific configuration connection. When selecting a logical name, the associated operations become available in the operation section.
- **Model**: This column displays the model name of the device, such as Device 800.

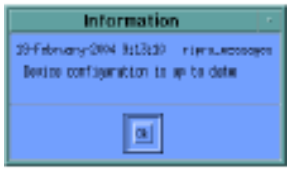
Some operations are device specific, and others are applicable to all output devices.

Reconfiguring a Platesetter

1. In Brisque version 4, double-click **Devices** icon from the **Setup** panel.
2. From the Service menu, select **Device Handling**.



2. In the **Output Devices Handling** window, select **platesetter**, and click **Reconfigure**. A message is displayed, indicating that the device is up to date.



3. In the **Output Devices Handling** window, select the output device whose parameters you want to modify and click **Modify**. (See Output Devices Handling dialog box, page 6.
4. If required, change the **TCP/IP address** and click **Next**.



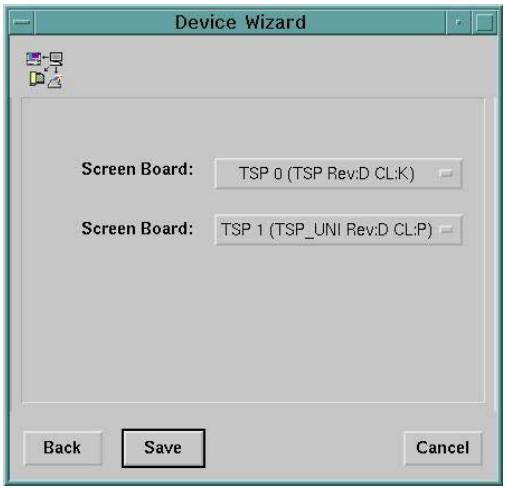
5. If required, edit the **Logical Name** and click **Next**.



6. Ensure steps are checked (v) and press **Next**.



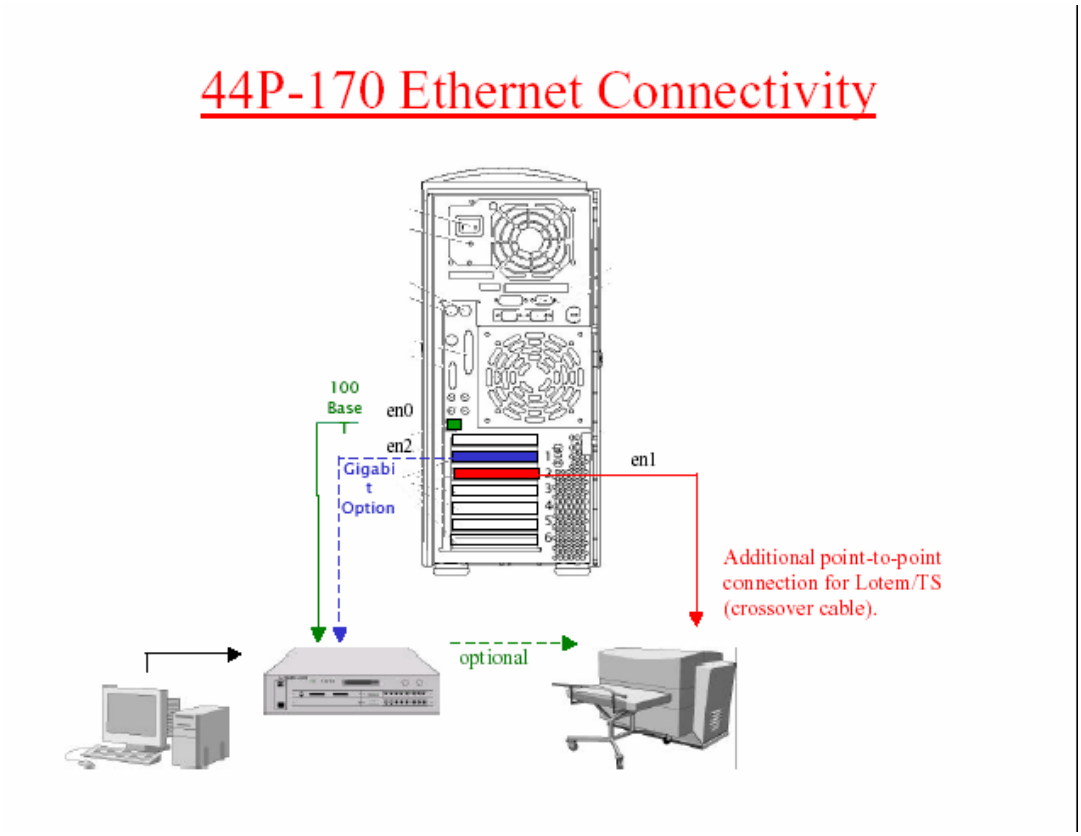
7. To save the modified configuration, choose the **TSP Screen Board** and click **Save**.

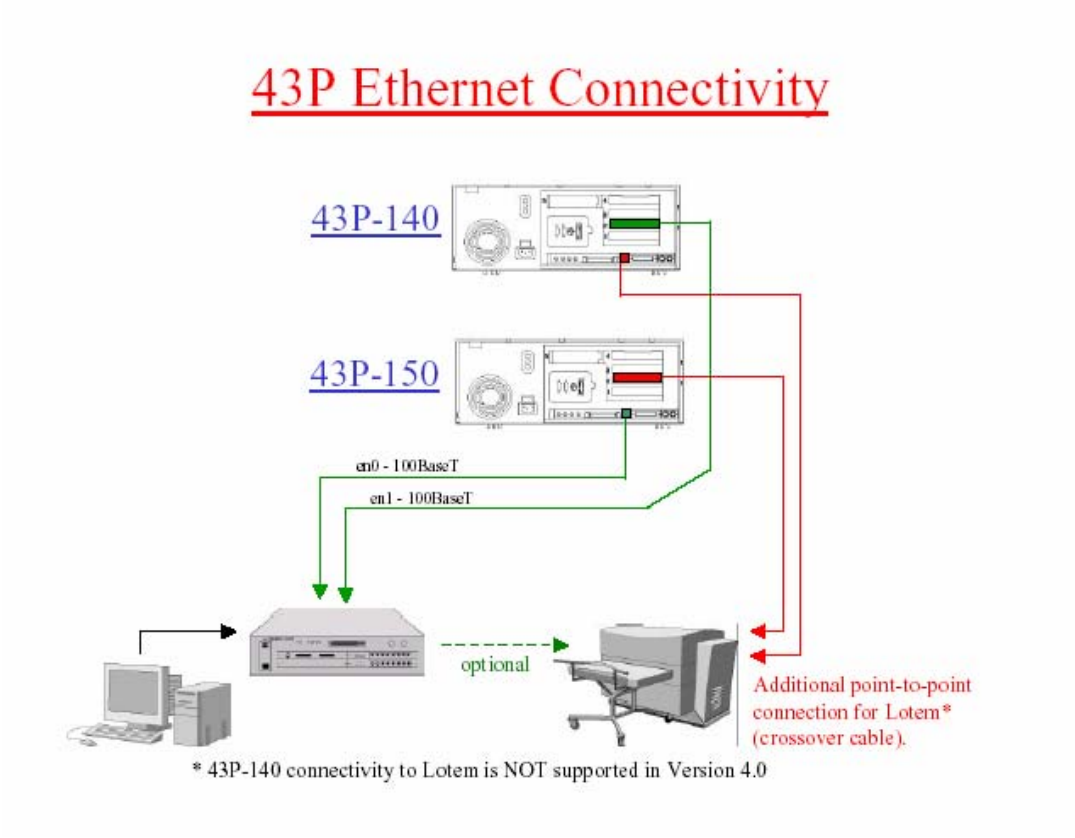


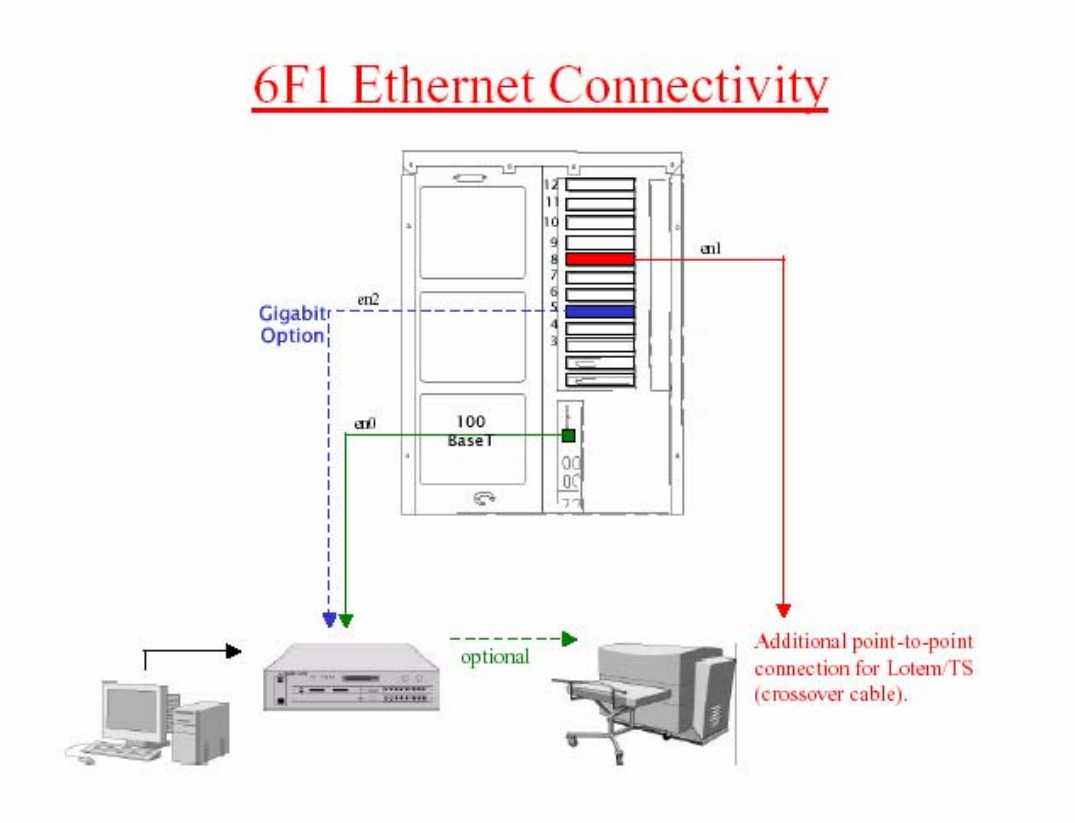
8. The Information dialog box is displayed. Click **OK**.

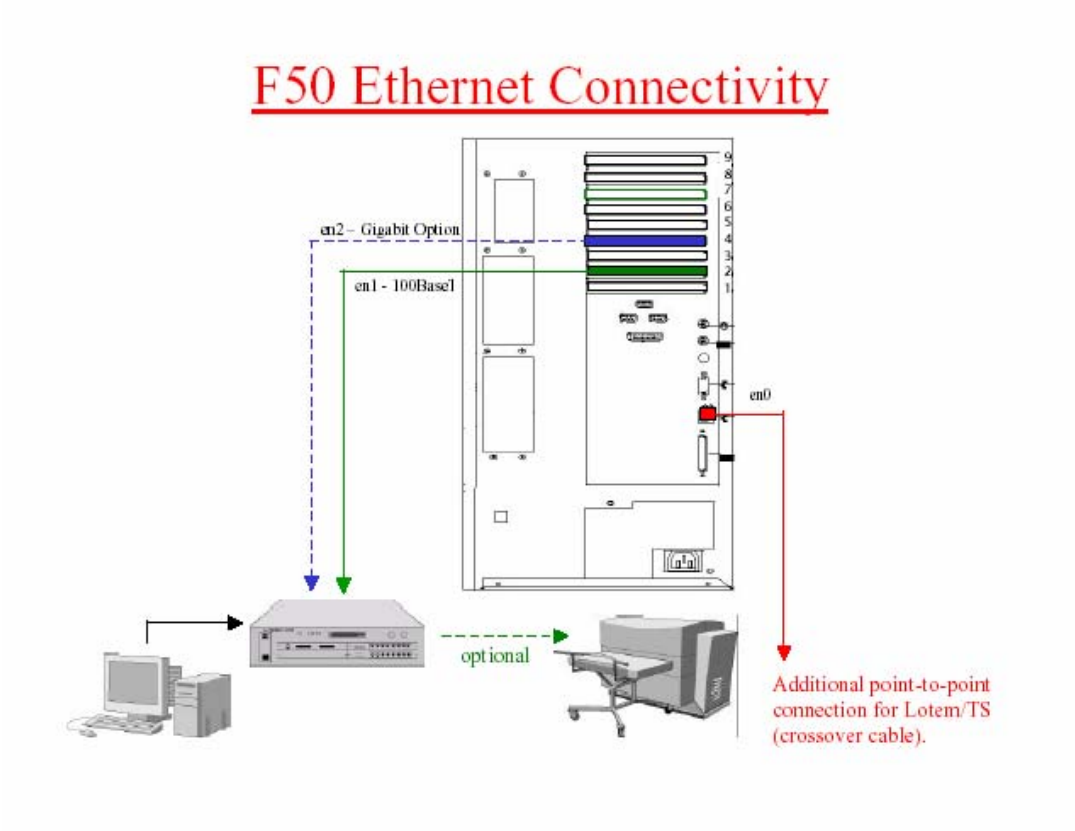


Ethernet Diagrams




43P Ethernet Connectivity
43P-140
43P-150
en0 - 100BaseT
en1 - 100BaseT
optional
Additional point-to-point
connection for Lotem*
(crossover cable).
* 43P-140 connectivity to Lotem is NOT supported in Version 4.0


6F1 Ethernet Connectivity
en1
en2
Gigabit
Option
en0
100
BaseT
optional
Additional point-to-point
connection for Lotem/TS
(crossover cable).


F50 Ethernet Connectivity
en2 – Gigabit Option
en1 - 100Base1
en0
optional
Additional point-to-point
connection for Lotem/TS
(crossover cable).

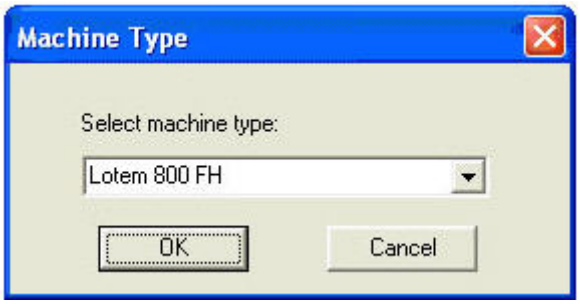
FCO 512-00269A

Upon completion	Install the FCO Updater utility included on the FCO Updater CD-ROM (part number 651-00332A). See **Appendix Implementing FCO Updater** below.
Logistics	Approved quantities:

CSC	Quantity
CAM	100
CEM	20
CAP	20
CJP	20

Material disposition	Crossover cable
See also	http://techplanet.creo.com/sortware_solutions/workflow_software/brisque/content/docs/connectivity_guide.pdf
Technical contact	Nir Peleg
Date submitted	17 May 2005
Last updated	18 Jul 2005

1. When you insert the CD, the Machine Type dialog box appears. If the dialog box does not appear, locate the CD drive and double-click **FCOUpdater.exe**:



2. In the **Select machine type** box, select the platesetter model and click **OK**. The utility verifies if the **Creo Service Port** (CSP) and the **Backup and Restore** (BART) utilities are installed on the platesetter.
3. The current list of FCOs is backed up from the Registry to **C:\FCOBackup** and then the FCO Updater Version 1.00 dialog box appears.