Connectivity Installation Guide

English

Prinergy to Lotem Quantum Family

version **1.00.076**

399Z1R511A

www.creo.com

Prinergy to Lotem Quantum Family

version 1.00.076

Connectivity Installation Guide

creo™

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4992864	5323248	5517359	5708736	5969872	6136509	
5049901	5325217	5519852	5713287	5973801	6137580	
5079721	5331439	5526143	5739819	5986819	6147789	
5081617	5333064	5532728	5742743	5995475	6158345	
5103407	5339176	5561691	5764374	5996499	6159659	
5111308	5343059	5568595	5764381	5998067	6164637	
5113249	5355446	5576754	5771794	6003442	6180325	
5122871	5359451	5579115	5785309	6014471	6181362	
5124547	5359458	5592309	5802034	6016752	6181439	
5132723	5367360	5594556	5813346	6031932	6186068	
5150225	5367388	5600448	5818498	6043865	6189452	
5153769	5384648	5608822	5854883	6060208	6191882	
5155782	5384899	5615282	5861904	6063528	6204874	
5157516	5412491	5625766	5861992	6063546	6208369	
5177724	5412737	5636330	5864651	6072518	6214276	
5208818	5420702	5649220	5875288	6090529	6217965	
5208888	5420722	5650076	5894342	6096461	6252522	
5247174	5459505	5652804	5900981	6098544	6260482	
5247352	5473733	5680129	5934196	6107011	6266080	

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Who Should Use This Manual

This manual is intended for anyone who is involved in installing CS Xpose software and connecting Prinergy 2.0.x to the Lotem 800 Quantum or Lotem 400 Quantum workflow, to be referred to in the rest of this manual as the Prinergy to Lotem Quantum family workflow. It explains how to connect Prinergy to the Lotem Quantum family, and points out procedures that are specific to your CS Xpose system.

To use this manual, you should:

- have a working knowledge of prepress operations
- be familiar with the Windows operating system
- be familiar with the Macintosh operating system
- be familiar with a Lotem Quantum device
- be familiar with the Prinergy workstation

This manual assumes that:

- Files submitted to the Creo system are free of common errors usually resolved during preflight, such as missing fonts and PostScript errors.

Additional Documentation



- *Prinergy 2.x to Lotem Quantum Family Connectivity User Guide*, 399Z1R512A
- *Lotem 800 Quantum Family Installation Guide*, 399Z1P840A
- *Lotem 400 Quantum Family Installation Guide*, 399Z1R514A
- *Prinergy Onsite Client Installation Manual*, 72-3500-A-D-PR01
- *Netmeeting for Prinergy technical bulletin* - http://techplanet.creo.com/software_solutions/workflow_software/prinergy/content/docs/netmeeting.pdf

Conventions Used in This Manual

This section describes the fonts, terminology, and symbols used in this manual.

Fonts

Frutiger bold is used to refer to buttons and other items in a dialog box, file names, folders, menu names, and menu commands.

Minion Italic is used to refer to other chapters in the manual, book titles, and titles of other manuals.

Frutiger is used for figure and table captions.

`Letter Gothic` is used for messages on your computer screen and for information that you must type.

SMALL CAPS is used for a key or key combination on your keyboard.

Terminology

Clear	Place the mouse pointer over the check box for the specified option, and click the left mouse button so that the X or check mark is removed from the check box.
Click	Place the mouse pointer over the specified option or button and press and release the left mouse button.
Double-click	Place the mouse pointer over the specified option or button and quickly press and release the left mouse button twice.
Drag	Hold down the left mouse button while moving the mouse and release the button.
Enter	Type the information and press the ENTER or RETURN key.
Point	Position the mouse pointer over a submenu or menu command. For example, point to the **File** menu.
Press	Press the specified key or key combination on your keyboard, for example, press CTRL+ALT+DEL.

Right-click	Place the mouse pointer over an area of the application window, and then press and release the right mouse button to display the shortcut menu. For more information about using shortcut menus, see your Windows documentation.
Select	Place the mouse pointer over the check box for the specified option, then click the left mouse button so that an X or check mark appears in the check box. Or: Place the mouse pointer over the specified box or button, and then click the left mouse button.
Type	Type the information. Do not press the ENTER or RETURN key.

Symbols



Attention: This symbol alerts you to things that may cause loss of data or damage to your computer hardware.



Note: A note provides additional information that you may need to consider.



The reference symbol tells you that related information on the topic is available in another Creo document.

PDF Document

This manual is also provided in PDF (Portable Document Format).

The PDF document can be used for online viewing and printing using Adobe Acrobat Reader. When printing the manual, please print the entire manual, including the copyright and disclaimer statements.

1 Introduction

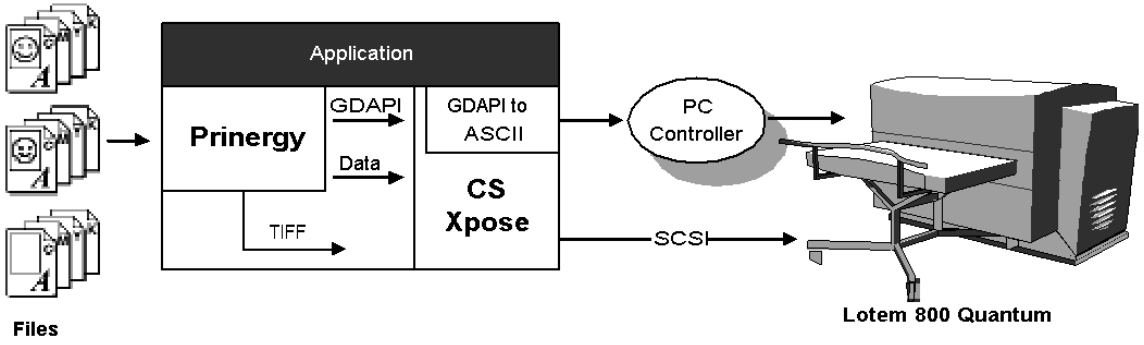
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1.1 About Prinergy to Lotem Quantum Family Connectivity Workflow

The Prinergy to Lotem Quantum family workflow combines the workflow of the Prinergy application and the features of a Lotem Quantum platesetter device. Basically, Prinergy sends raster data direct to a Lotem Quantum device. CS Xpose acts as the pipeline between Prinergy and a Lotem Quantum device. Job Tickets are created in Prinergy and sent via GDAPI (Generic Device Application Programming Interface) and the CS Xpose application, to PC Controller, which applies exposure, layout, and media parameters to the Job before it is imaged on a Lotem Quantum platesetter.

The following describes the Prinergy to Lotem Quantum family direct workflow:

- Configure Media Definitions on Lotem PC Controller.
- Create Job Tickets on the Prinergy workstation.
- Expose Prinergy Jobs on to a Lotem Quantum device.
- View the Job process.



1.2 Workflow Components

In order to run a Prinergy to Lotem Quantum family workflow you need the following components:

- Prinergy 2.0.x Connect (running on a PC platform)
- CS Xpose (running on the same workstation as the Prinergy Connect)
- SCSI LVD on board controller (internal only) used with Dell 2500, 4400, and 6400. The 2940 SCSI LVD on board controller is only used with Dell 2400Hs.



Note: The SCSI board is Low-Voltage Differential (LVD). The SCSI board used to drive the Lotem Quantum family of devices is different than the High-Voltage Differential (HVD) SCSI boards used to drive Creo Trendsetters.

- PC Controller (part of the Lotem Quantum device, with the front end on a separate table)
- Lotem 800 Quantum or Lotem 400 Quantum

1.2.1 Connectivity Kit

The Connectivity Kit should contain the following:

- SCSI cable (15 meters)—to be connected between the Prinergy workstation and the Lotem Quantum family device
- A SCSI board in type
- CS Xpose application (CD)
- Prinergy to Lotem Quantum Family Connectivity User Guide and Prinergy to Lotem Quantum Family Installation Guide.

1.3 What is Prinergy Connect?

Prinergy Connect is a PDF-based prepress workflow and content management tool that organizes prepress and plate production.

Prinergy Connect is a complete workflow management solution for commercial and publication printers. Tasks such as file optimization, trapping, proofing, imposition, archiving, job tracking, and film and platemaking are automated and managed by the system for increased process control and productivity.

Prinergy Connect provides an environment in which prepress operators can work individually or as a team to process incoming data and make it suitable for output on digital imagers. It increases operator efficiency by providing a context for each job, tools to automate repetitive tasks, and status information to help tune the production process.



For more information on Prinergy Connect, see the *Prinergy Connect Quick Start Guide* or the *Prinergy Connect Online Help*.

1.4 What is CS Xpose?

The CS Xpose application sits on the Prinergy workstation as a stand-alone application, connected to the Prinergy workstation through GDAPI (Generic Device Application Programming Interface) and to PC Controller through a SCSI cable.

The CS Xpose application is used to create a direct connection between Prinergy Connect and the Lotem 800 Quantum platesetter.

CS Xpose acts as the pipeline between Prinergy Connect and the Lotem Quantum family device. It allows Prinergy to read the media sets configured in PC Controller and the supported resolutions in the Lotem Quantum family device, and to send raster data to PC Controller to be exposed on the Lotem Quantum family device.

CS Xpose runs in the background. If running a direct connection from Prinergy to the Lotem Quantum family device, you do not need to create settings in the CS Xpose application after it is installed and configured on the Prinergy workstation.

1.4.1 What is GDAPI?

GDAPI (Generic Device Application Programming Interface) is an integral part of CS Xpose. GDAPI connects Prinergy, via CS Xpose, to PC Controller. You do not interact directly with GDAPI and CS Xpose. It operates in the background, allowing you to submit raster images, with job properties defined in the Prinergy workflow, directly to the PC Controller and the Lotem 800 Quantum.

The purpose of GDAPI is to give the RIP software more control over the job and its job properties. Therefore, all job properties must be applied or edited in the RIP software before being submitted to GDAPI and CS Xpose. Because the RIP software controls the job properties of jobs submitted to CS Xpose, you cannot edit the job properties in CS Xpose. If the job is queued and job properties were not set correctly by the RIP, then the job must be canceled and re-submitted in order to correct the job properties.

1.5 What is the PC Controller?

The PC Controller monitor is your interface with the PC Controller and the Lotem 800 Quantum device. Its Main window is your basic working area, where the application indicators, buttons, popup menus and windows displays.

You can monitor the machine operation, be updated with the machine status, and perform routine operations, such as release a cassette. The PC Controller that controls the device is located inside the right side door of the machine and the monitor resides on a nearby table.



For more information on the PC controller, see the PC Controller Online Help accessed via the Messages window.

1.6 What is the Lotem 800 Quantum?

The state-of-the-art Lotem 800 Quantum platesetter offers superb quality and high platemaking productivity of up to 25 8-up plates per hour. Creo SQUAREspot thermal imaging predictability and consistency assures plate imaging integrity. Advanced automation, customized, inline punch assures accurate and repeatable notches for perfect register on press. The Lotem 800 Quantum is driven by a Prinergy workflow system.

The fully automated platesetting sequence produces press-ready plates without your intervention. Plates are loaded automatically from a cassette, after automatic slip-sheet removal. The customized, inline punch system punches plates according to the press profile selected on the DFE. Then plates are automatically mounted on the drum for imaging and unloaded directly into an optional inline processor.

The Lotem 800 Quantum includes:

- Lotem 800 Quantum plate size ranges from 457 x 381 mm (18 x 15 inch) to 1130 x 905 mm (44.5 x 35.4 inch).
- Single cassette
- Dual loading cassette (DLC)
- Multi cassette unit (MCU)

The Lotem 800 Quantum platesetter can accept data from any standardized digital file format including PostScript™, EPSF, PDF™, TIFF-IT, and Scitex CT/LW files.



For more information on the Lotem 800 Quantum, see the *Lotem 800 Quantum Family User Guide*, *Installation Guide*, and *Safety Guide*.

1.7 What is the Lotem 400 Quantum?

The state-of-the-art Lotem 400 Quantum platesetter offers superb quality and high platemaking productivity of up to 25 4-up plates per hour (with MCU option). Creo SQUAREspot thermal imaging predictability and consistency assures plate imaging integrity with Automatic loader. Driven by a Brisque or Prinergy, the Lotem 400 Quantum is for the discriminating printer who cannot compromise. This ultimate computer-to-plate (CTP) device meets and adapts to all your needs for efficient, continuous production that keeps the presses running.

Creo is a pioneer of thermal imaging, the de facto standard CTP technology today due to its outstanding performance and quality. SQUAREspot thermal imaging maintains consistent reliable plate imaging despite normal process variation such as changes in plate sensitivity or processor chemistry. This precise process control enables reliable FM screening and artifact-free images.

The Lotem 400 Quantum includes:

Plate size ranges from 381 x 318 mm (15 x 12.5 inch) to 750 x 622 mm (29.5 x 24.5 inch). Available in the following configurations:

- Manual Loading
- Automatic Loader (See *Using the MCU for Lotem 400 Quantum*, *399Z1R526A*.)

The fully automated platesetting sequence produces press-ready plates without your intervention. Plates are loaded automatically from the cassettes, after automatic slip-sheet removal. The customized, inline punch system punches plates according to the press profile selected on the DFE. Then plates are automatically mounted on the drum for imaging and unloaded directly into an optional inline processor.

2

CS Xpose Installation and Upgrade

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2.1 Connecting Prinergy Workstation to Lotem Quantum Family

This section describes connecting Prinergy to a Lotem Quantum device. The basic installation connectivity workflow is as follows:

- Connect Prinergy via the SCSI cable link (see *Connecting Prinergy Via the SCSI Cable Link* on page 10).
- Install CS Xpose on the Prinergy workstation (see *Installing CS Xpose* on page 11).
- Install the CS Xpose sample files in the DataVolumes folder (the default is J drive).
- Set up the TCP/IP Connectivity (see *Setting Up TCP/IP Connectivity* on page 30).
- Configure CS Xpose (see *Configuring CS Xpose* on page 33).
- Verify the SCSI Connection (*Checking the SCSI Connection* on page 37).
- Verify the connection between Prinergy and a Lotem Quantum device (see *Connecting Prinergy to the Lotem Quantum Family* on page 68).

2.1.1 Connecting Prinergy Via the SCSI Cable Link

After installing Prinergy on the workstation and before you install CS Xpose, you need to install the SCSI cable connection between the Prinergy workstation and the Lotem Quantum device.

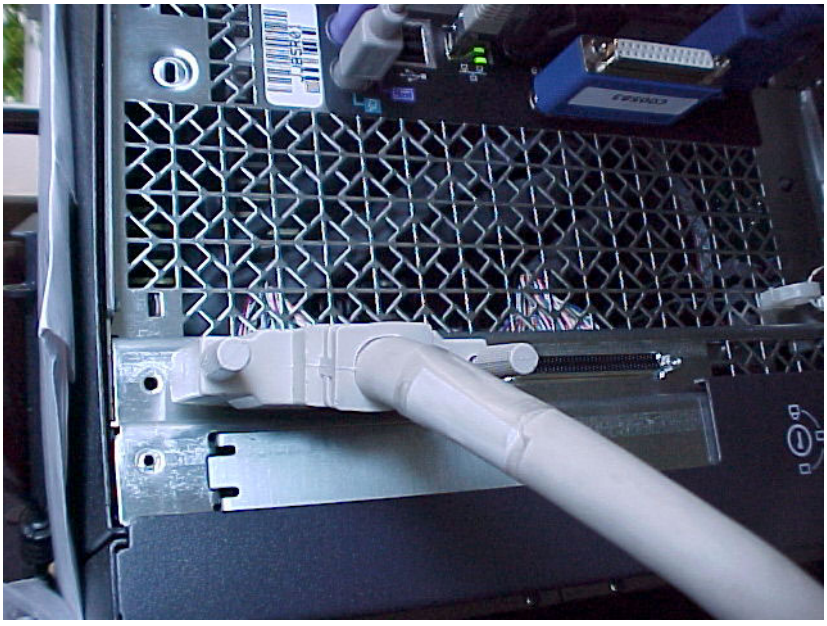
To install the SCSI cable:

1. Shut down the Lotem Quantum.
2. Shut down the Prinergy Workstation.



Attention: You must shut down the Lotem Quantum and the Prinergy Workstations before connecting the SCSI cable. If you do not shut down the device and workstation the SCSI will not connect properly and you will have to reinstall.

3. On the Prinergy Workstation, connect the SCSI cable to the SCSI onboard.



4. On the Lotem Quantum, plug the SCSI cable into the Turbo MCE board at the J42 WS_SCSI connection. The SCSI cable should be no longer than 15 m.
5. Turn on the Lotem Quantum device.
6. Turn on the Prinergy Workstation.
7. Install and configure CS Xpose. See *Installing CS Xpose* on page 11 for more information.
8. Check the SCSI connection. See *Checking the SCSI Connection* on page 37 for more information.

2.2 Installing CS Xpose

When installing CS Xpose on the Prinergy workstation you can install it from scratch or upgrade the software.

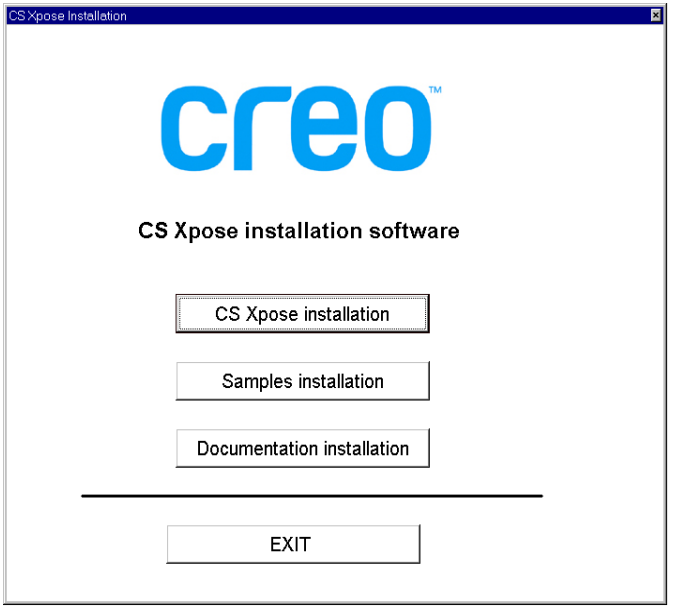
2.3 Loading CS Xpose

When you are installing CS Xpose for the first time on the Prinergy workstation, you need to install separately both the CS Xpose application and the sample test files. If you are upgrading the software, you only need to install the CS Xpose application.

This section describes installing CS Xpose from scratch.

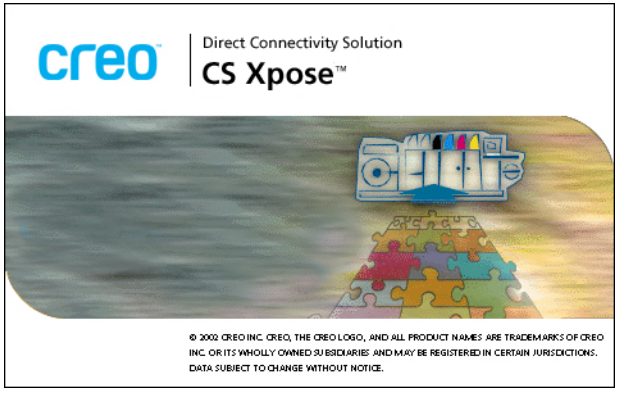
1. Insert the Application software CD into the CD drive.

   The CS Xpose installation wizard appears.

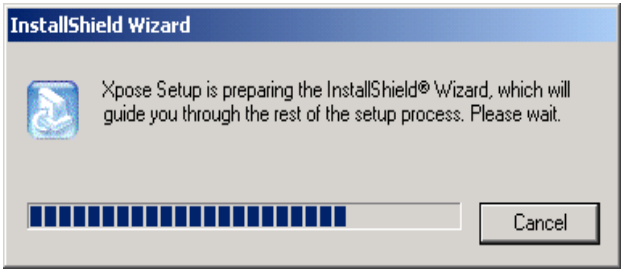


2. From the installation wizard select the **CS Xpose Installation** button.

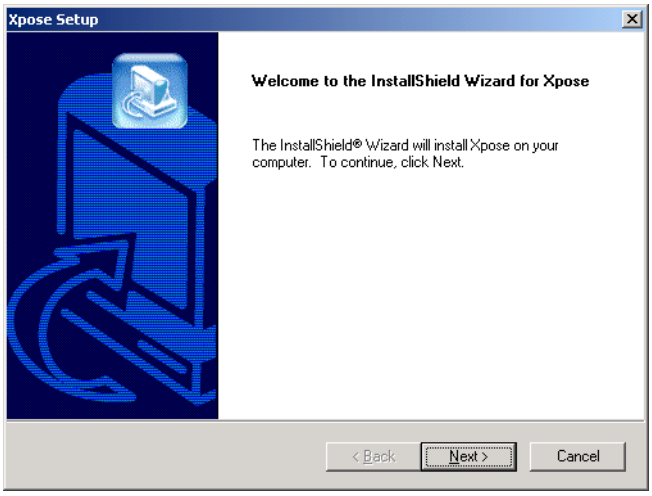
   The CS Xpose installation application starts.



   The InstallShield Wizard appears.



3. In the Xpose Setup dialog box, click **Next.**

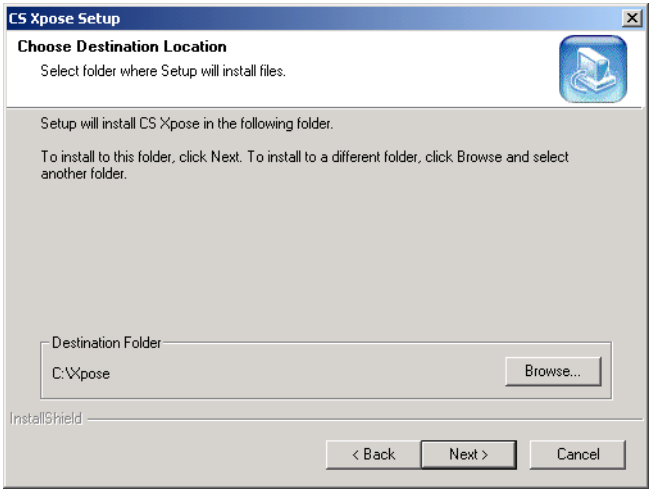


The Software License Agreement screen appears.



4. Click **Yes** to confirm the Software License Agreement.

The Xpose Setup dialog box appears.

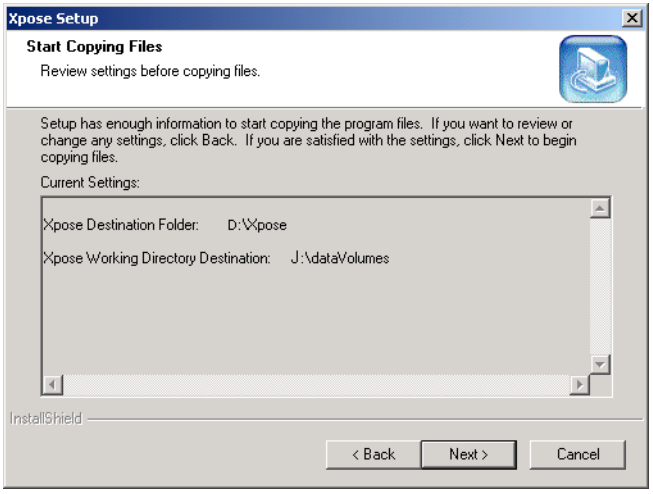


5. If you want to change the Destination Folder:
   a. In the **Destination Folder** box, click **Browse**.
   b. In the Browse dialog box, select the new destination folder.
   c. Click **OK**. The **Destination Folder** box displays the new path.
6. Click **Next**.



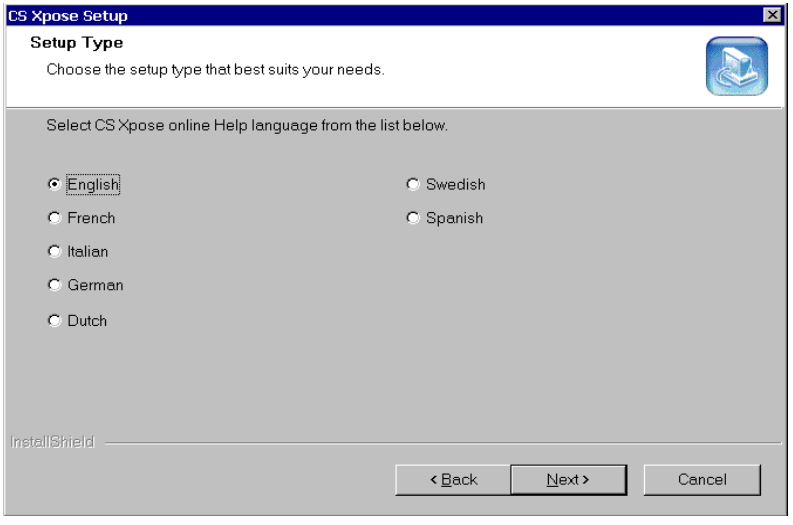
Note: If your system does not have a J drive, an error message appears when you click **Next**. To change your Xpose Working Destination Folder, see *Changing the J:/DataVolumes Drive* on page 18 below.

The Start Copying Files dialog box appears displaying the current settings.



7. Verify that the Destination folders are correct.
8. Select **Next**.

   The Online Help Installation dialog box appears.



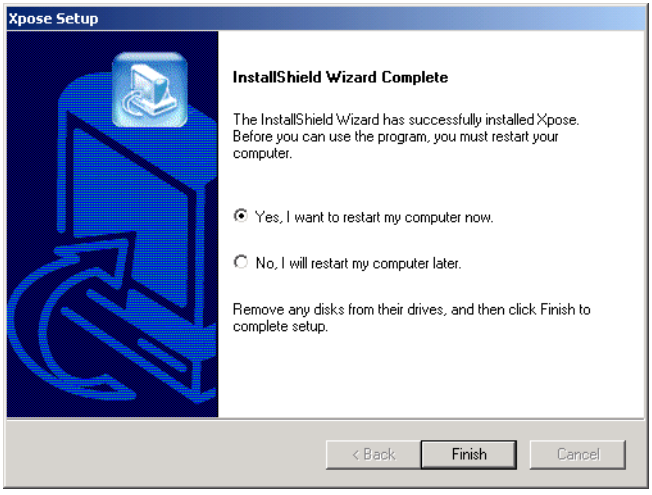
9. Select the language option for your online help system.

10. Click **Next.**

    A confirmation message that the online help has been installed appears.

11. Click **OK.**

    The Xpose Setup finish dialog box appears.



12. Select the **Yes I want to restart my computer now** box.

Note: If you are going to install Sample files, select the **No, I will restart my computer later** check box and click **Finish**. After you have installed the Sample files, then restart the workstation.

13. Click **Finish.**

14. Your computer restarts, and the CS Xpose application can be started from the **Start** menu—**Programs.**

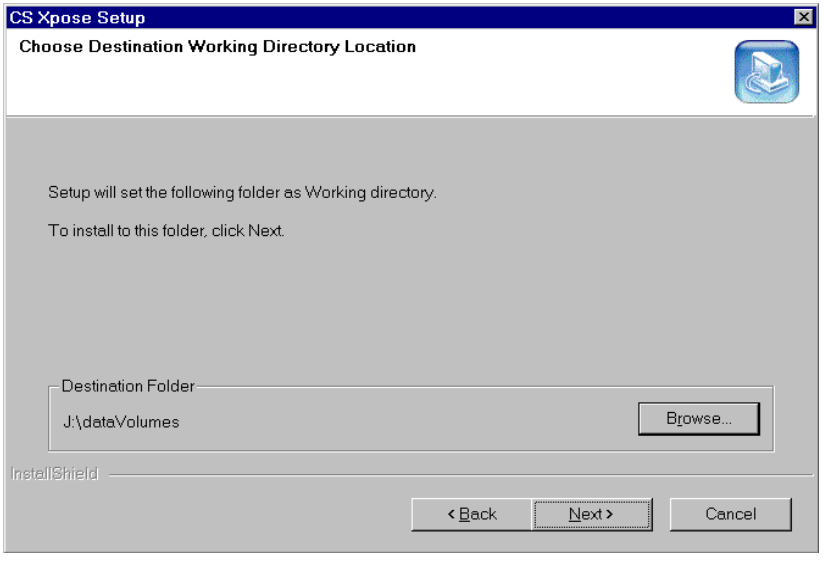
2.4 Changing the J:/DataVolumes Drive

If your system does not support J drive, during installation of the CS Xpose you must change the Xpose Working Directory Destination drive (default is J).

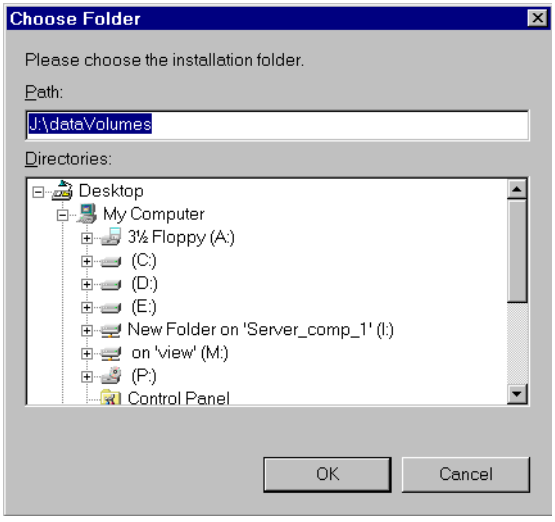
To change the J:/DataVolumes Xpose Working Directory Destination drive:

1. Follow steps 1 to 5 in the procedure *Loading CS Xpose* on page 12.
2. Click **Next**.
3. If there is no J drive on your system, an error message appears.
4. Click **OK**.

   The Choose Destination Working Directory Location dialog box appears.



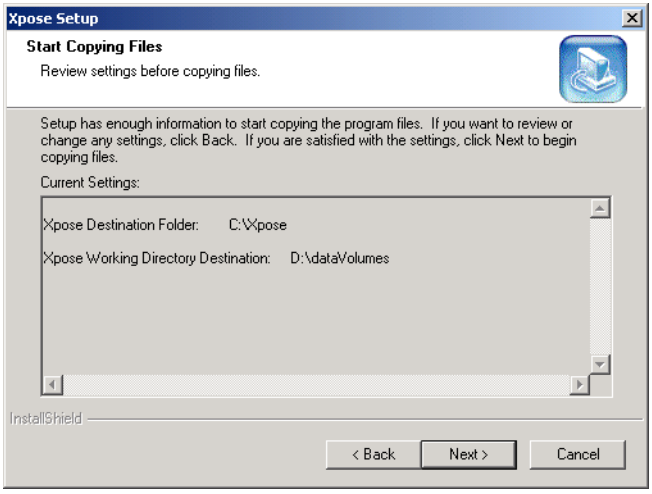
5. Click the **Browse** button.
6. The Choose Folder dialog box appears.



7. In the **Directories** box, select a new Xpose Working Directory Destination.
8. Or, in the **Path** box, type a new destination.
9. Click **OK**.

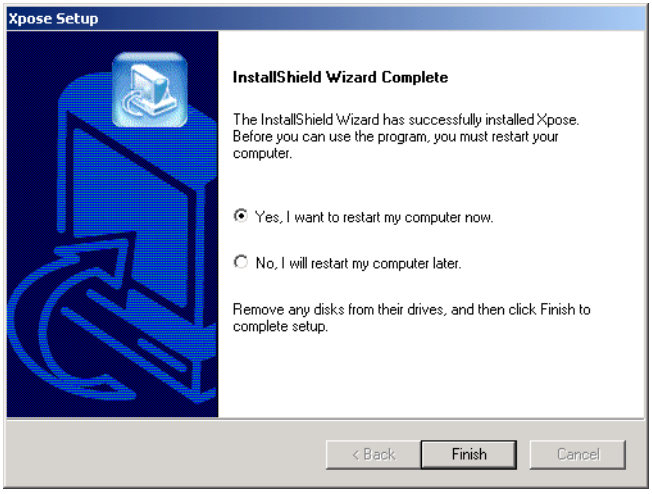
   The new destination appears in the **Destination Folder** section in the Choose Destination Working Directory Location dialog box.
10. Click **Next**.

The Start Copying Files dialog box appears displaying the current settings.



11. Verify that the Destination Paths are correct.
12. Click **Next**.

The Xpose Setup finish dialog box appears.



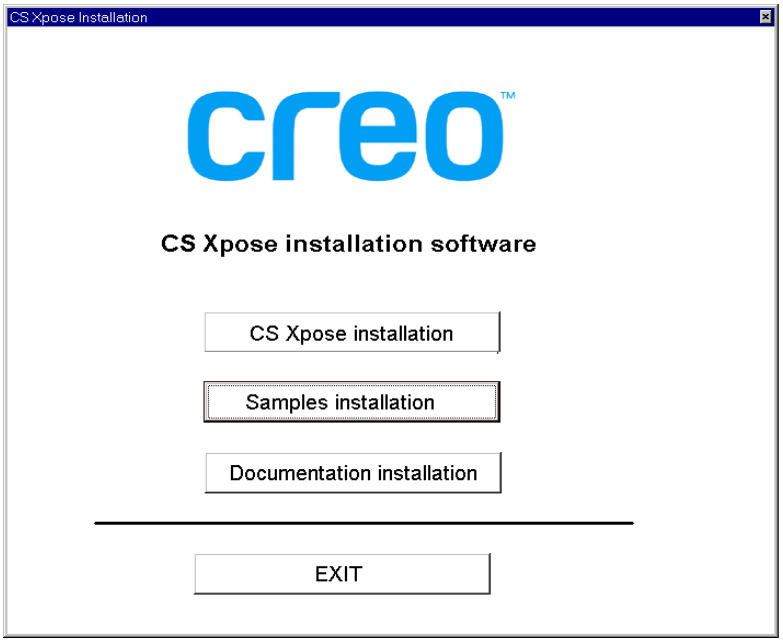
13. Select the **Yes I want to restart my computer now** box.
14. Click **Finish.**

2.5 Installing the CS Xpose Sample Files

Once you have installed CS Xpose, you can install the CS Xpose sample test files. You only need to install the sample test files once. If you upgrade the CS Xpose software, you do not need to reinstall the sample test files.

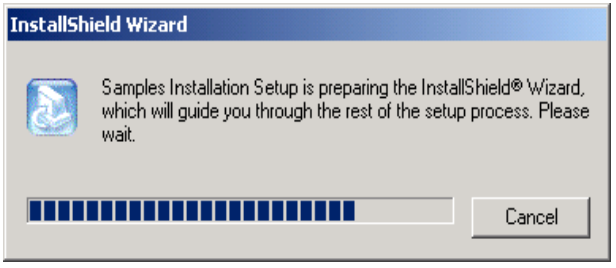
1. Insert the Application software CD into the CD drive.

   The CS Xpose installation wizard appears.

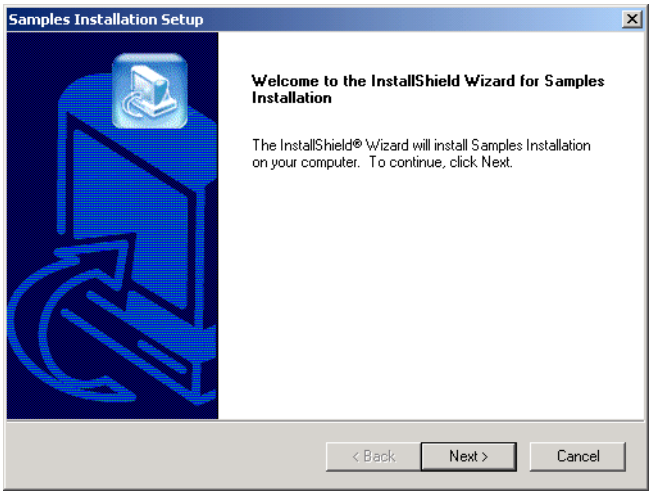


2. Click the **Samples Installation** button.

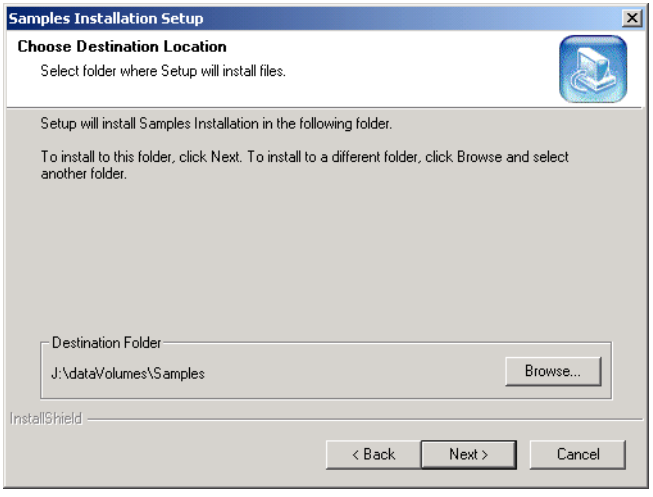
   The InstallShield Wizard appears.



3. In the Samples Installation Setup dialog box, click **Next.**



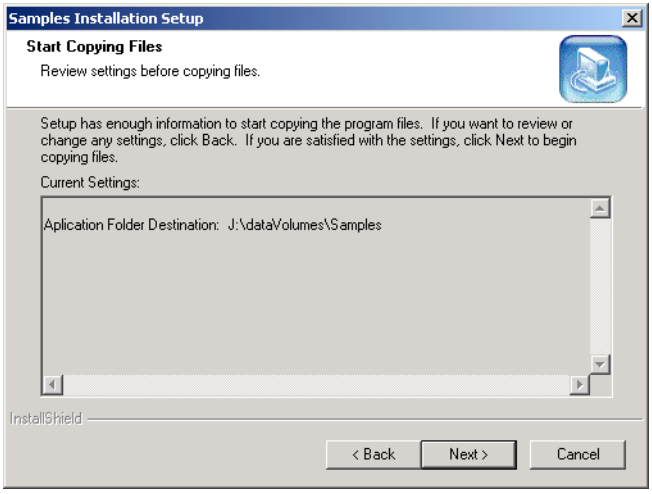
The Choose Destination Location dialog box appears.



4. Click **Next.**
5. If you want to change the destination path:
   a. Click **Browse**.
   b. In the Browse dialog box, select a new path.
   c. Click **OK**. The new path appears in the Destination Folder section.
6. Click **OK.**

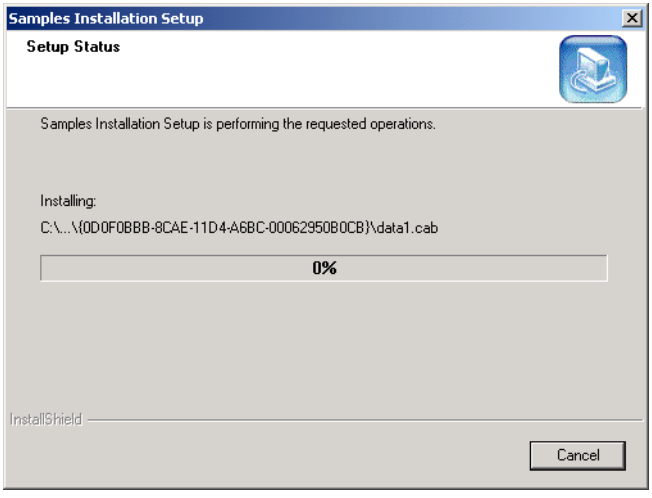
7. Click **Next**.

   The Start Copying Files dialog box appears.



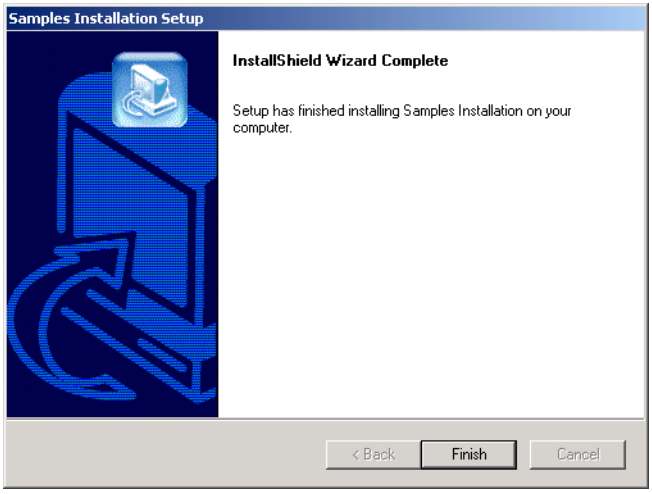
8. Check the Current Settings section to make sure the settings are correct.
9. If the settings need to be changed, click **Back**.
10. If the settings are correct, click **Next.**

    The Setup Status dialog box appears.



11. The sample test files are installed in a DataVolumes folder on the destination drive.

12. Once the installation has completed the sample test files setup, the final Samples Installation Setup dialog box appears.



13. Click **Finish.**
14. Remove the Application software CD from the CD drive.
15. Reboot the workstation.

2.6 Installing Documentation

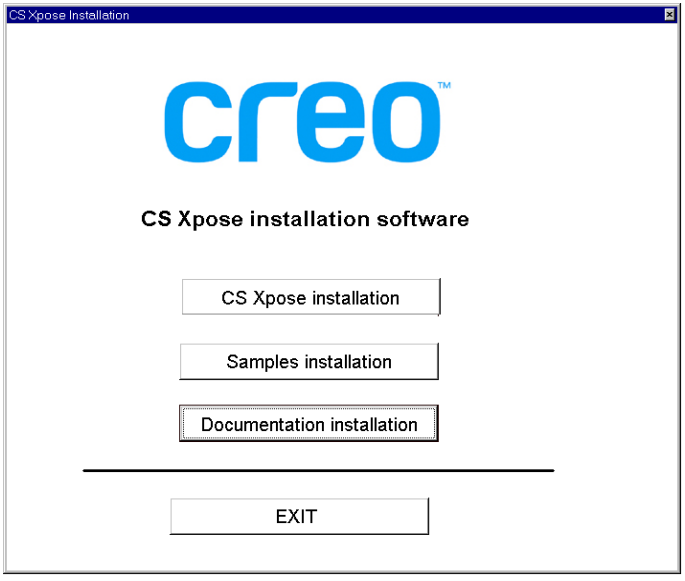
Once you have installed the CS Xpose software and sample programs, open and save the appropriate *Prinergy to Lotem Quantum Family Connectivity User Guide* language pdf and the English *Prinergy to Lotem Quantum Family Connectivity Installation Guide* pdf.

The *Prinergy to Lotem Quantum Family Connectivity User Guide* has been translated into the following languages: French, German, Italian, Spanish, Dutch, and Swedish.

To open the documentation:

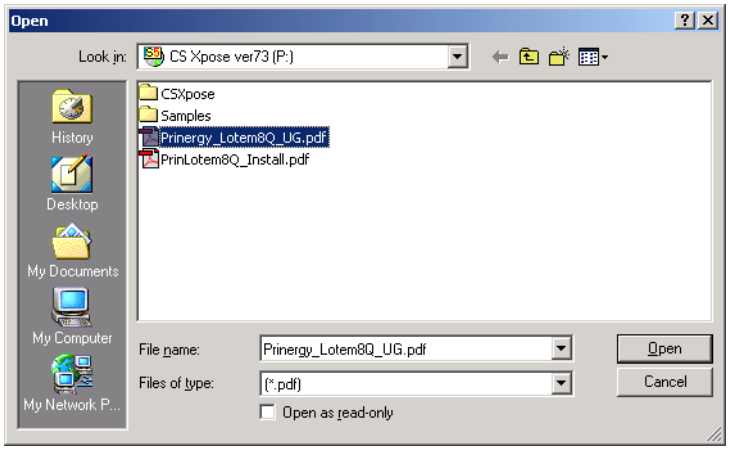
1. Insert the Application software CD into the CD drive.

   The CS Xpose installation wizard appears.



2. Click the **Documentation installation** button.

The Open dialog box appears.



3. Select the .pdf file to open.
4. Click the **Open** button.

   Adobe Acrobat Reader opens and the document appears.

To save the document to your workstation.

1. From the opened pdf, select the **File** menu, and then **Save As**.
2. In the Save As dialog box, select a directory and click **Save**.

   The pdf file saves to the directory specified.

2.7 Upgrading CS Xpose

When upgrading CS Xpose, perform the following:

1. Remove the existing CS Xpose.

   See *Removing CS Xpose* on page 28.
2. Reboot the Prinergy workstation.
3. Install the new CS Xpose.

   See *Loading CS Xpose* on page 12.
4. Reboot the workstation.
5. Configure CS Xpose.

   See *Configuring CS Xpose* on page 33.

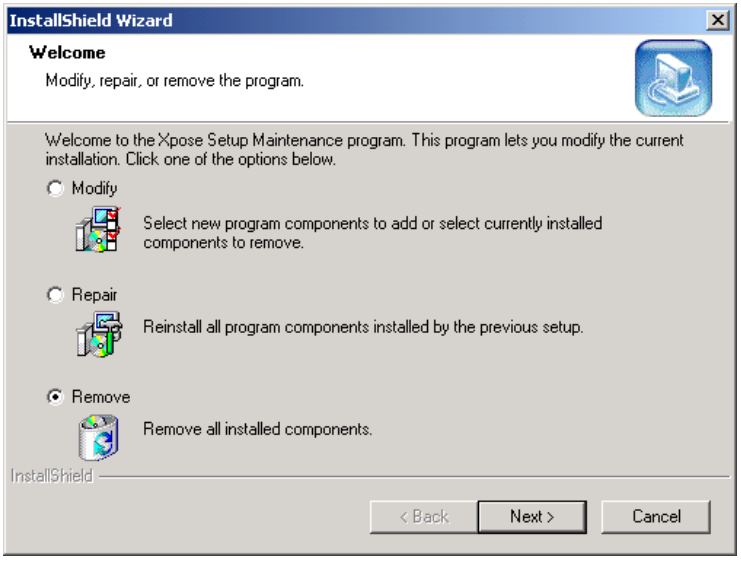
6. Check the connection.

   See *Checking the SCSI Connection* on page 37.

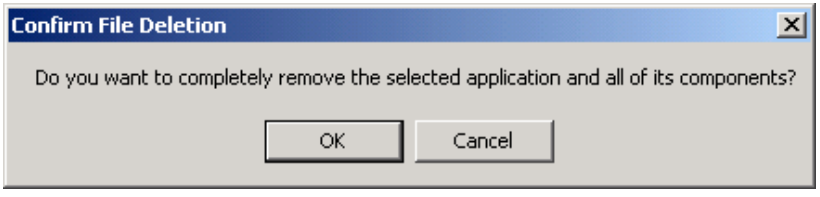
2.8 Removing CS Xpose

1. From the **Start** menu, go to **Settings**-**Control Panel** and select **Add/Remove Programs**.
2. In the Add/Remove Programs dialog box, select **CS Xpose**.
3. Click **Change/Remove**.

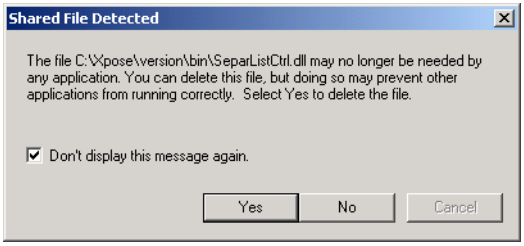
   The InstallShield Wizard dialog box appears.



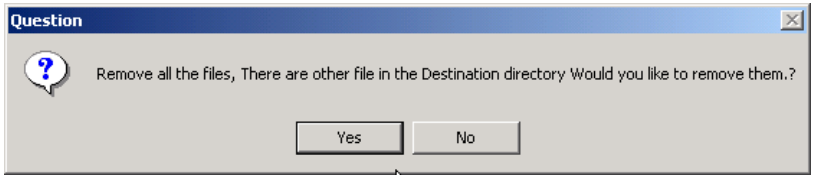
4. Select **Remove**.
5. Click **Next**.
6. Click **OK** to confirm the Remove.



A ReadOnly File Detected or a SharedFile Detected dialog box appears.

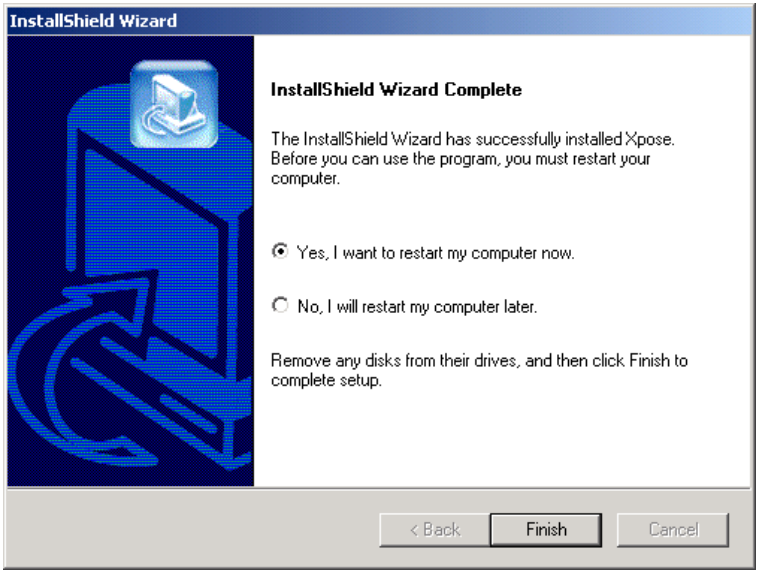


7. Select the **Don't display this message again** box.
8. Click **Yes**.



9. In the Question dialog box, click **Yes**.

   The InstallShield Wizard dialog box appears.



10. Select **Yes I want to restart my computer now.**
11. Click **Finish.**

    The computer restarts.

2.9 Setting Up TCP/IP Connectivity

You must set up the TCP/IP connection between Prinergy and the Lotem, and connect both Prinergy and the Lotem Quantum to the site network infrastructure.

This section describes how to set up the TCP/IP connectivity via a direct link and includes the following procedures:

- Defining the IP Address on the Lotem PC Controller
- Defining the IP Address on Prinergy
- Configuring CS Xpose

2.9.1 Defining the IP Address of the Lotem Quantum

1. Start the Lotem.



Note: The Lotem PC Controller should already be booted up with the Windows 95 startup screen displayed.

2. In Windows NT, from the **Start** menu, select **Settings**, **Control Pane**l.
3. Double-click the **Network** icon to open Network (viewing mode) window.
4. Select the **Configuration** tab.
5. Double-click **TCP/IP Protocol** to open the TCP/IP Properties window.
6. Type in the **IP Address** and the **Subnet** for the Lotem PC Controller.



Note: To find out the IP Address of the Lotem Quantum, on the Lotem PC Controller workstation, from the **Start** menu, select **Run**. On the Run dialog box, in the **Open** box, type `winipcfg`. Click **OK.** The IP Address of the Lotem device appears.

7. Click **OK.**
8. Double-click the **Lotem** icon on the desktop.
9. Verify that the system executes the startup sequence.



For more information on installing Lotem 800 Quantum, please see the *Lotem 800 Quantum Family Installation Guide*.

For more information on installing Lotem 400 Quantum, please see the *Lotem 400 Quantum Family Installation Guide.*

2.9.2 Defining the IP Address of the Prinergy Workstation

Prinergy uses TCP/IP protocol for communications. It is important that you configure TCP/IP to ensure optimal performance. The Windows client requires a switched 100 Base T connection.

Using DHCP to assign IP address is acceptable, but static IPs are recommended. Static IP addresses are recommended because the locator daemon automatically adds the clients IP to the hosts file on all Prinergy servers to optimize Orbix performance.



Note: If the IP address changes, the **hosts** file may have conflicting entries and must be manually edited.

The client should be on the same subnet as the Prinergy server. This ensures that routers do not add additional overhead when the client is communicating to the primary server.

Router and Name server (DNS) addresses are not required. It is actually preferable that you *do not enter a DNA address.* If you enter a DNS address, Workshop will be dependent on this service and may perform poorly if it's not properly configured, or if the service is interrupted. For this reason, we recommend that customers do not rely on external DNS server from an ISP. If they require DNS, it's recommended that they maintain their own server. Any DNS servers must have a properly-configured reverse lookup zone.

To configure TCP/IP on a Windows client:

1. Log in as an Administrator.
2. On the desktop, right-click on **My Network Places** and select **Properties.** The Network and Dialup Connections window opens.
3. Right-click on the **Local Area Connection** and select **Properties.** The Local Area Connection Properties dialog box opens.
4. In the **Components checked are used by this connection** box, select **Internet Protocol** and click on **Properties.** The Internet Protocol (TCP/IP) Properties dialog box opens.

5. You may need to contact the network administrator for the following information. Fill in the following:
   - IP Address
   - Subnet Mask
   - Default Gateway (not necessary)
   - Preferred DNS (not necessary)
   - Alternate DNS (not necessary)
6. Click **Advanced**. The Advanced TCP/IP Settings window opens.
7. Click on the **WINS** tab. Ensure that **Enable NetBIOS over TCP/IP** is checked.
8. Click **OK** three times to exit.



For more information on installing Prinergy, please see the *Prinergy Onsite Client Installation Manual*.

2.10 Configuring CS Xpose

Once you have installed CS Xpose you need to configure the application to connect to the device.

To configure CS Xpose:

1. Make sure the Lotem PC Controller is in **Ready Status**.
2. From the **Start** menu, select **Programs**, **Xpose**, **Config**.

   The Config wizard begins, and the Logic Name dialog box appears.

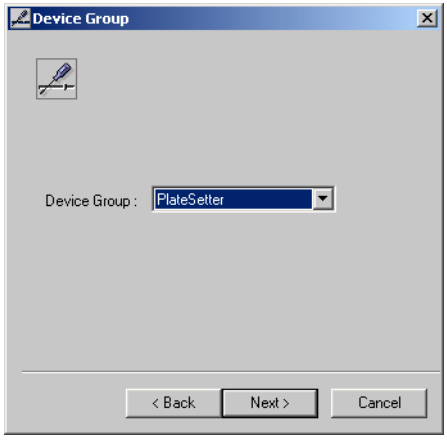


3. In the **Logic Name** box, type in a logical name for the connected device. For example, Lotem 800x.

Note: If the "Device already exists" error message appears, see *Troubleshooting Installation Problems* on page 86.

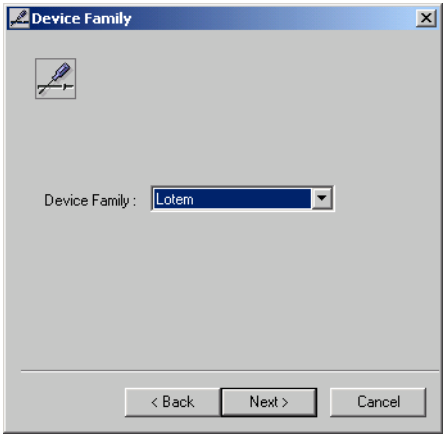
4. Click **Next**.

   The Device Group dialog box appears.



5. In the **Device Group** box, select the option. For example, **Platesetter**.
6. Click **Next**.

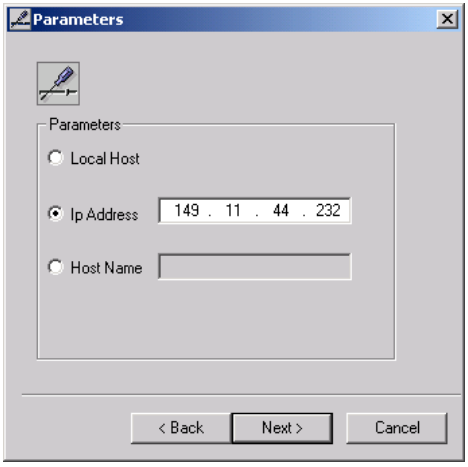
   The Device Family dialog box appears.



7. In the **Device Family** box, select the device family. For example, **Lotem**.

8. Click **Next.**

   The Parameters dialog box appears.



9. In the **Parameters** section:

   - Select the **IP Address** box and type the Lotem device's IP Address.

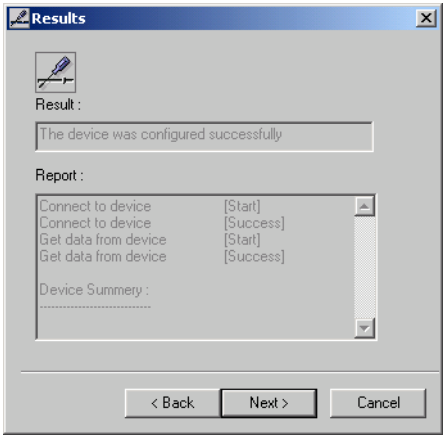


Note: To find out the IP Address of the Lotem Quantum, on the Lotem PC Controller workstation, from the **Start** menu, select **Run**. On the Run dialog box, in the **Open** box, type `winipcfg`. Click **OK.** The IP Address of the Lotem device appears.

   - Or, select the **Host Name** box, and type the name of the workstation on which the PC Controller is installed.

10. Click **Next.**

11. The Results dialog box appears.

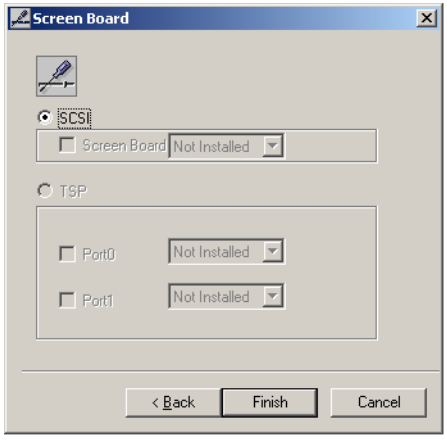


12. In the **Results** box, verify that the device was successfully configured.
13. In the **Report** box, verify that there are no error messages.

Note: For a Prinergy to Lotem Quantum family workflow, the SCSI boards must be installed.

14. Click **Next.**

    The Screen Board dialog box appears.



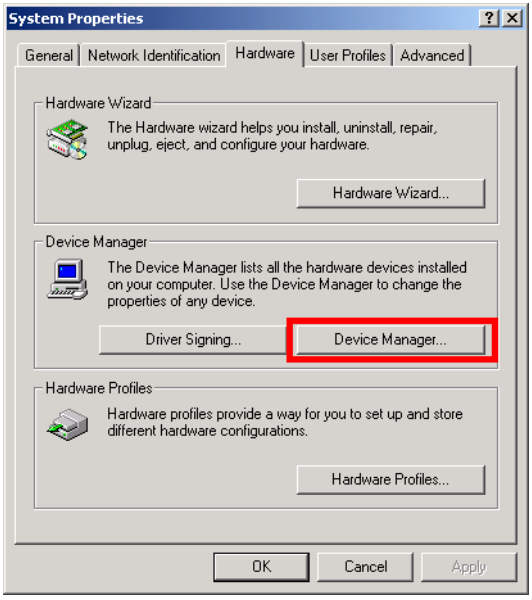
15. Select the **SCSI** check box.
16. Click **Finish.** A message stating that the configuration was successful appears. Click **OK**.

2.11 Checking the SCSI Connection

Once you have completed the installation of the CS Xpose, you must check the SCSI connection.

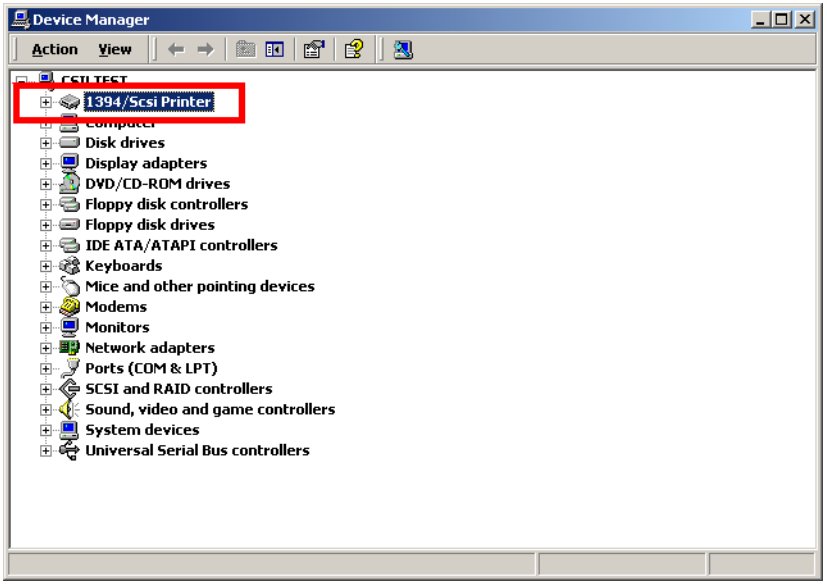
To check the SCSI connection:

1. Right-click on the **My Computer** icon on the Prinergy workstation, and select **Properties** from the shortcut menu.
2. In the System Properties dialog box, click the **Hardware** tab.



3. In the **Hardware** tab, click **Device Manager**.

   The Device Manager dialog box appears.



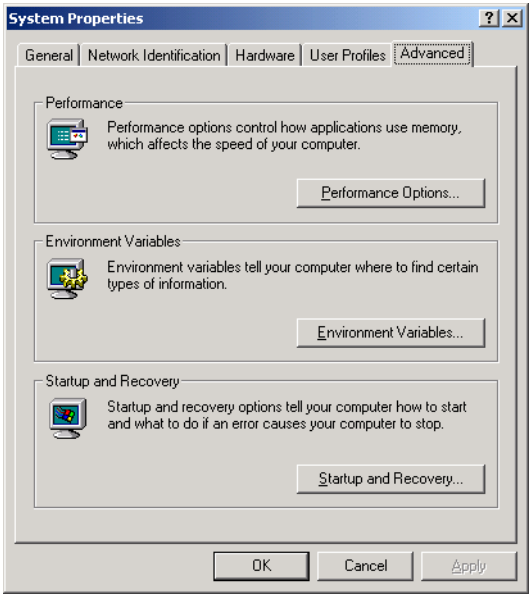
4. Verify that **<####>/ScsiPrinter** appears. If this information does not display, the device is not connected.

2.12 Running in Simulation Mode

If you want to prevent CS Xpose from checking for SCSI, you must change your system's environment variable SCI_PLOT_MODE to hostOnly.

1. Right-click on the **My Computer** icon on the Prinergy workstation and select **Properties** from the shortcut menu.

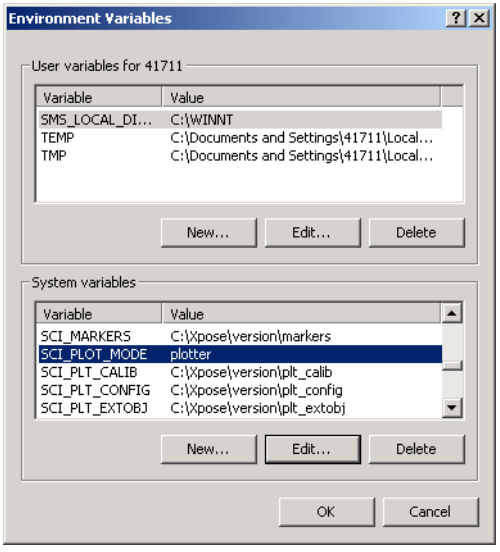
   The System Properties dialog box appears.



2. Select the **Advanced** tab.

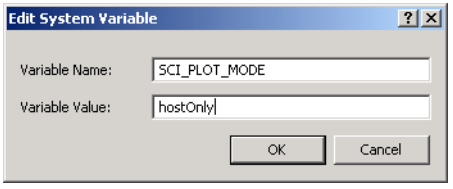
3. Click **Environment Variables**.

   The Environment Variables dialog box appears.



4. In the **System Variables** box, select SCI_PLOT_MODE.
5. Click **Edit.**

   The Edit System Variable dialog box appears.



6. In the **Variable Value** box, type `hostOnly`.
7. Click **OK** three times.

3

Remote Support

Safety Precautions....42
Installing Remote Support....42
Activating Remote Support....44
Disabling Remote Support....47

3.1 Safety Precautions

The following is a preliminary list of safety instructions when using Remote Support.

Before Remote Support takes control over a machine, you should make sure that the following are met:

- A certified operator is near the machine, ready for the Remote Support activity and approves it.
- All the machine doors are closed and all interlocks are operational.
- An operator must be present at all times while the remote support activity occurs. The operator must be aware of all the procedures performed on the machine, and pay close attention to the machine response.
- The operator can, and knows how to, terminate the process if needed.
- If the machine problem is related to an interlock or to any other safety-related device, then no remote activity is allowed.
- A chat session or a phone call should be open between the two ends. This is initiated by a single click on either side.
- Before terminating the session, the machine operator on site should be informed, via chat or telephone.
- If there is any doubt regarding one or more of the above instructions, you should not proceed with the remote support process.

3.2 Installing Remote Support

Prinergy to Lotem Quantum workflow enables the customer to receive support remotely.

You obtain remote support on Prinergy via PC Anywhere. On the Lotem Quantum, you obtain remote support via NetMeeting and VNC.

To prepare the customer for Remote Support, make sure the following is installed on the Prinergy workstation:

- a modem, and that there is a telephone line
- RAS (Remote Access Server)
- PC Anywhere

On the Lotem PC Controller workstation, make sure the following is installed:

- NetMeeting

  See the *Netmeeting for Prinergy technical bulletin* - http://techplanet.creo.com/software_solutions/workflow_software/prinergy/content/docs/netmeeting.pdf for more information.

- VNC

3.2.1 Installing Remote Support on Prinergy

By default, Routing and Remote Access (RRAS) is installed but not enabled. It should be configured only after the server has been renamed with the shipping name. Remote Access allows remote dial-in in order to remotely manage the system.



See the *Windows 2000 Installation Using Ghost Image* document, 72-3476B-D-PR01 (http://intranet.creo.com/sapphire/72/3476B/D/72-3476B-D-PR01.pdf) for the complete procedure to install remote access on Prinergy servers.



Note: Remote support is not installed on client machines that run Prinergy workshop.

To install remote access:

1. Enable the remote server.
2. Configure the remote access port.
3. Change the RRAS IP address pool size.
4. Disable the DHCP relay agent.
5. Configure remote access.
6. Grant dial in permission.
7. Configure PC Anywhere.

3.2.2 Installing Remote Support on Lotem PC Controller



For more information on installing remote support on the Lotem PC Controller see your Lotem 800 Quantum *Remote Support Site Installation* document (http://techplanet.creo.com/software_solutions/networking_os/customer_site/nav/SitePrep_install.htm).

3.3 Activating Remote Support

You obtain remote support on Prinergy via PC Anywhere. On the Lotem Quantum, you obtain remote support via NetMeeting and VNC.

3.3.1 Activating Remote Support on Prinergy

The following steps are required to activate a remote support session on Prinergy:

On the Prinergy workstation:

1. Connect the telephone line to the modem.
2. Turn on the modem.
3. Activate PC Anywhere (for remote access to Prinergy).
4. Verify RAS is activate.

After completing the Remote Support session:

5. Disable PC Anywhere.
6. Turn off the modem.



Note: The PC Anywhere server is set to manual, therefore, before connecting you must start the server. Once the remote session is over, disconnect the server.

3.3.2 Activating Remote Support on the Lotem Quantum

In order to enable the customer to receive remote support, the customer must activate RAS on the Prinergy workstation, and on the Lotem 800 Quantum, activate VNC and NetMeeting.

The following steps are required to activate a remote support session on the Lotem Quantum:

On the Prinergy workstation:

1. Connect the telephone line to the modem.
2. Turn on the modem.
3. Verify RAS is activate.

On the Lotem PC Controller workstation:

1. Activate VNC.
2. Activate NetMeeting.

After completing the Remote Support session:

1. Disable VNC.
2. Disable NetMeeting.
3. Turn off the modem.

3.3.3 On the Lotem PC Controller

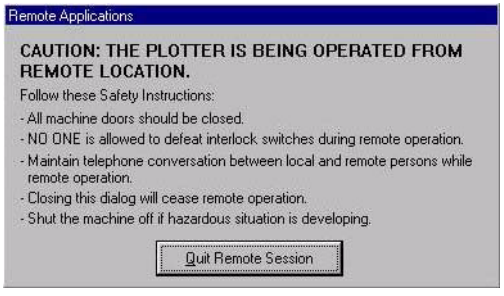
There are two methods to activating remote support on the Lotem PC Controller.

- Via the Lotem PC Controller
- Manually

To activate remote support via the Lotem PC Controller:

➢ From the **Utilities** menu on the main application window, click **Remote Support**.

VNC and NetMeeting are activated and the Remote Applications window appears.



To quit the remote support session, click **Quit Remote Session**. This will quit NetMeeting and VNC.

To manually activate NetMeeting via the workstation desktop:

1. Select **Start**, **Programs**, **NetMeeting**.
2. From the **Tools** menu, select **Remote Desktop Sharing**.
3. Select the **Enable Remote Desktop Sharing** check box.
4. Click **OK**.
5. From the **Call** menu, select **Exit**.
6. From the **Call** menu, select **Activate Remote Desktop Sharing**.

To manually activate VNC via the workstation desktop:

- Select **Start**, **Programs**, **VNC**, **Run Win VNC (App Mode)**.

3.4 Remotely Logging On

To obtain remote support on Prinergy, you need to remotely log on via PC Anywhere. To obtain remote support on the Lotem Quantum, you need to remotely log on via NetMeeting and VNC.

3.4.1 Remote Log On to Prinergy

You remotely log on to Prinergy via PC Anywhere.



See the *Windows 2000 Installation Using Ghost Image* document, 72-3476B-D-PR01 (http://intranet.creo.com/sapphire/72/3476B/D/72-3476B-D-PR01.pdf) for the complete procedure to install remote access on Prinergy servers.

3.4.2 Remote Log On to the Lotem Quantum

To remotely log on:

1. Using DialUp Networking, in the Log on dialog box, in the **User Name** box, type **Administrator**.
2. In the **Password** box, type **creoscitex**.
3. Once on the network, you can use VNC or NetMeeting to take control over the Lotem 800 Quantum.

3.5 Disabling Remote Support

3.5.1 Disabling Remote Support on Prinergy

When you are finished with the remote session on Prinergy, you should disable PC Anywhere, and shut down the modem.

To disable PC Anywhere:

- Disconnect the PC Anywhere server.

3.5.2 Disabling Remote Support On the Lotem Quantum

To disable remote support on the Lotem Quantum, on the Lotem PC Controller:

1. Disable NetMeeting.
2. Disable VNC.

On Prinergy:

3. Turn off the modem.

Disable NetMeeting:

1. Select **Start**, **Programs**, **NetMeeting**.
2. From the **Tools** menu, select **Remote Desktop Sharing**.
3. Clear the **Enable Remote Desktop Sharing** check box.
4. Click **OK**.
5. From the **Call** menu, select **Exit**.

Disable VNC:

1. Right-click on the **VNC** icon on the bottom right of the desktop task bar.
2. Close the VNC window.

To disable RAS:

1. In the Remote Access Admin window, open the **Server** menu.
2. From the **Server** menu, choose **Stop Remote Access Service**.

3. The Stop Remote Access Service window appears. Click **Yes**.
4. Close the window.

After you have disabled NetMeeting, VNC, and RAS, shut down the Modem.

4 CS Xpose

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Starting CS Xpose 51
CS Xpose Launch Pad 51
Setting up the CS Xpose Application 53
CS Xpose Queue 63
Exposing Jobs 66

4.1 Configuring CS Xpose to Accept Raster Data Directly

Manual configuration of CS Xpose is not necessary if flats are sent to the Lotem Quantum family device directly from Prinergy. See *Connecting Prinergy to the Lotem Quantum Family* on page 68 for more information on working with a direct connection workflow.

4.2 Manually Configuring CS Xpose

This chapter describes the CS Xpose application workflow. It briefly describes how to work with CS Xpose as a stand-alone application to create Hot Folders, define press formats and templates, and submit Jobs.



For more information on the CS Xpose application see the CS Xpose online help.

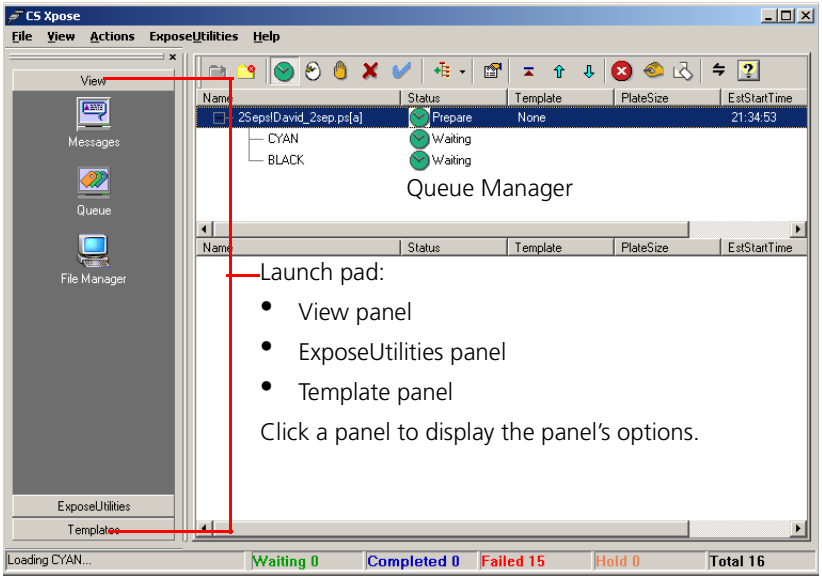
4.3 Starting CS Xpose

When you start CS Xpose, the Queue Manager automatically appears, with the Launch pad on the left.

To start CS Xpose:

➢ From the **Start** menu, select **Programs**, **Xpose**, **Launch Pad**.

CS Xpose starts.



4.4 CS Xpose Launch Pad

The Launch Pad displays the following panels:

- View
- ExposeUtilities
- Template

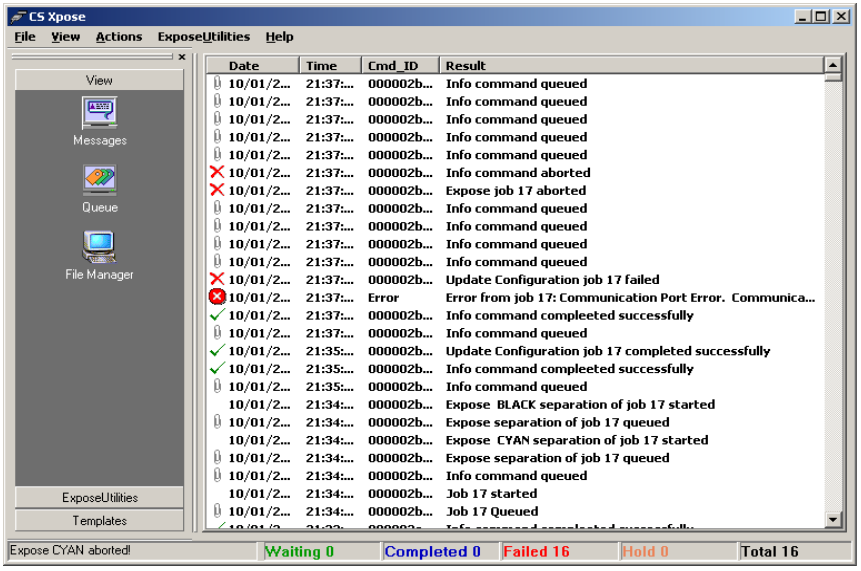


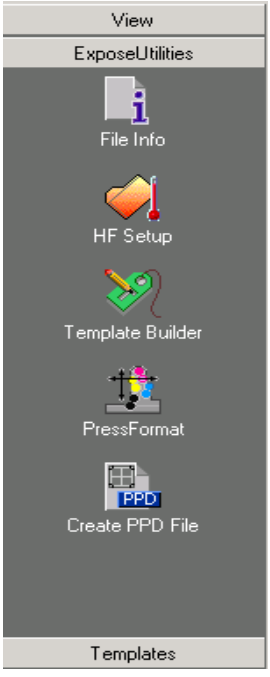
For more information on the Launch Pad panels and dialog boxes, see the CS Xpose online help.

View panel

From the **View** panel, you can change between the **Messages** view and the **Queue Manager** view, and you can access the File Manager.

The **Messages** view displays system and device messages.





Use the **File Manager** as your file browser, enabling you to select Jobs located in hot folders on the local disk or on the network. Selected Jobs are then submitted to the CS Xpose queue.

➢ Click the **File Manager** icon on the **View** panel to open the File Manager window.

ExposeUtilities panel

From the **ExposeUtilities** panel, you can access the following dialog boxes:

- File Info
- Hot Folders
- Template builder
- Press Format
- Create PPD File

From the **ExposeUtilities** panel you can, create hot folders, define press formats and templates, and generate PPDs and PPXs.

Templates panel

From the Templates panel, you can create, edit, and delete templates.

4.5 Setting up the CS Xpose Application

This section describes how to use CS Xpose. It describes the general workflow to define parameters in CS Xpose and to submit 1-bit TIFF raster images to the device.



For more specific information on working with CS Xpose, see the CS Xpose online help.

To configure CS Xpose:

1. Calibrate the Lotem (usually completed by your service representative).



See your Lotem User Guide for more information on calibrating the Lotem.

2. Define Press Formats.
3. Define Templates.
4. Setup hot folders.
5. Once configured, submit TIFF Jobs to the hot folder and the online queue for direct exposure on the Lotem device.



Note: If connected to a Lotem device, before configuring CS Xpose, you must define media definitions in the Lotem device's PC Controller. See PC controller's online help for more information on defining media definitions.

4.5.1 Calibrating the Lotem

Calibrations should be performed before using the platesetter for the first time, and for periodic verification of output quality. You can create different calibration tables (curves) for different types of media.

Basic calibration involves: Intensity calibration.



Important: Your platesetter requires additional tests to be fully calibrated. These calibrations are performed by your service engineer.

The Intensity calibration determines the optimal drum speed and laser intensity for a given plate at your working resolution (60, 80, 100, 120, 140 dpm, or 1524, 2032, 2540, 3048, 3556 dpi).

Intensity test results depend on the plate type, so this test should be performed for each plate type. Results are not affected by plate size or thickness. The optimal laser intensity and drum speed values are saved in the PC controller database and are accessible during production.

Perform the Intensity calibration:

- the first time the platesetter is used
- every time you change media or processing parameters
- periodically, to maintain the quality of the exposed output



See the *Lotem 800 Quantum Calibration* documentation on http://techplanet.creo.com/output/computer_to_plate/lotem_quantum/content/documentation/800_Q-Calibration.pdf.

4.5.2 Define Press Formats

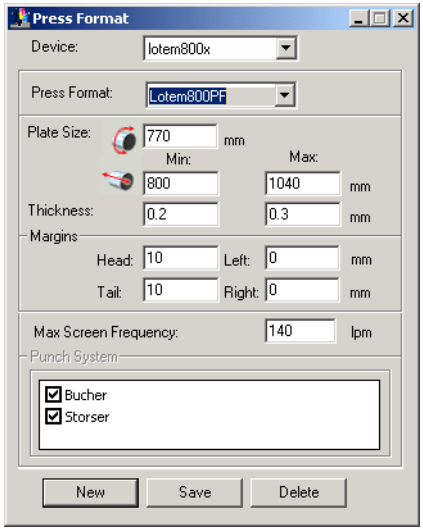
Press Formats define the plate-specific attributes of your press, such as plate size and thickness, and gripper margins. Press format settings vary according to your press machine. For example, Lotem 400V with a HeidelbergSM74 press allows a plate width of 500 to 745 mm, plate height of 605 mm and plate thickness of 0.25 to 0.3 mm.

To create a new press format:

1. In the **ExposeUtilities** panel, click the **Press Format** icon.

   The Press Format dialog box appears.

2. View the existing press formats and their settings, per device.
3. In the **Device** box, make sure the device on which you want to expose is selected.
4. Click **New**.
5. In the **Press Format** box, type in the name of the new press format. Do not use the following characters, \/:*?"<>| or <space>. These characters are automatically replaced with an underscore (_).
6. In the **Plate Size** boxes, type in the plate size of the press, that is, the size of the plates along and around the drum that can be loaded in your press.



7. In the **Thickness** box, type in the plate thickness values (minimum and maximum) according to the currently selected press. The maximum thickness should not exceed the value that was set when the plate was defined.
8. In the **Margins** section, type in the margin values for the **Head**, **Tail**, **Left**, and **Right** boxes.

   These values define the non-exposable area on the plate according to your press.
9. If your device supports punch systems, in the **Punch System** section, select the punch systems to apply to the press format.
10. Click **Save** to save the new Press Format and its setting.

Note: The new press format is listed in the **Press Format** box in the Press Format and PlateExpose dialog boxes.

11. Close the Press Format dialog box.

4.5.3 Define Templates





Use the Template Builder in the **ExposeUtilities** panel, or the Plate Expose window in the **Template** panel to create a template.

A template is a set of Expose processing instructions that you can define and save, in order to automate repetitive production tasks. As soon as you drag a file onto a template, it creates and launches a Job, which enters the Queue Manager. From the Queue Manager the job is processed according to the template instructions.

Once defined, you can use a template repeatedly for production.

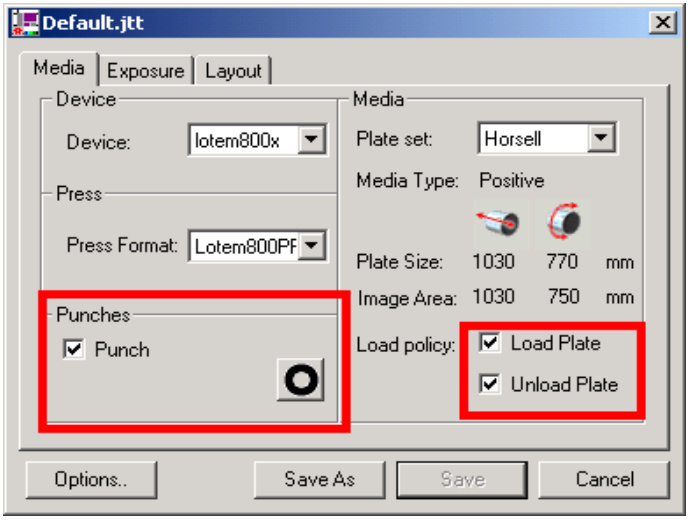
There are several ways in which you can access the Plate Expose dialog box:

- from the PlateExpose icon in the **Templates** panel
- from the Hot Folder setup
- from the Template Builder (displays as the <template name>.jtt dialog box)

To define templates:

1. In the **ExposeUtilities** panel, click the **Template Builder** icon.

   The Default.jtt dialog box appears.



2. In the **Media** tab:

   - In the **Device** box, select the device with which to expose the Job.
   - In the **Press Format** box, select the option which corresponds with the connected device.
   - In the **Plate set** box, select the media size on which you want to expose the Job.

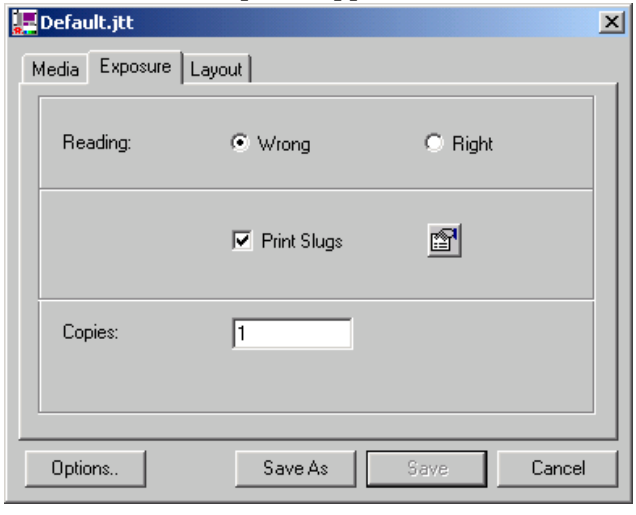


Note: CS Xpose reads Plate Set values from the media definitions you configured in PC Controller. See *To define media:* on page 68.

   - If you want to apply a punch system to your template, select the **Punch** check box.
   - Click the **Punch** button, and in the PUNCHES dialog box, select the punch system(s) to configure with the template.
   - Select **Load Plate** to have the device automatically load plates.
   - Select **Unload Plate** to have the device automatically unload plates.
   - For manual loading or unloading of plates, clear the **Load Plate** or **Unload Plate** check boxes, respectively.

3. Click the **Exposure** tab.

   The **Exposure** tab options appear.

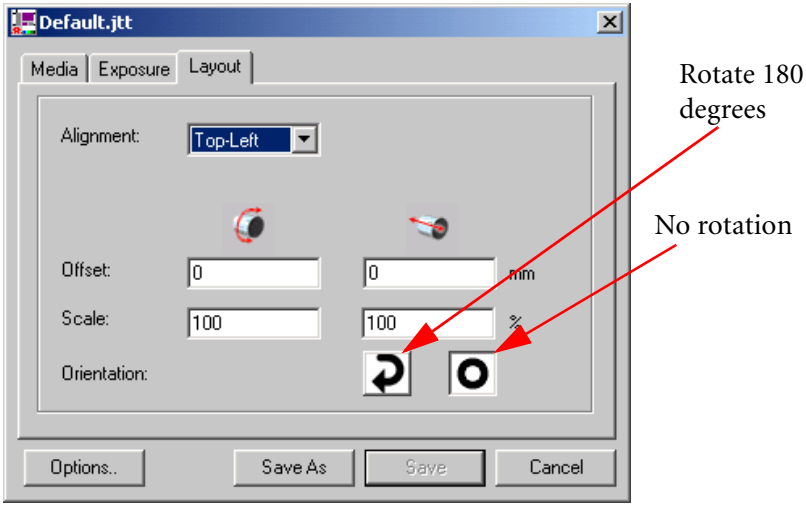


4. In the **Exposure** tab, define whether to expose the image right or wrong reading and whether to print slugs.

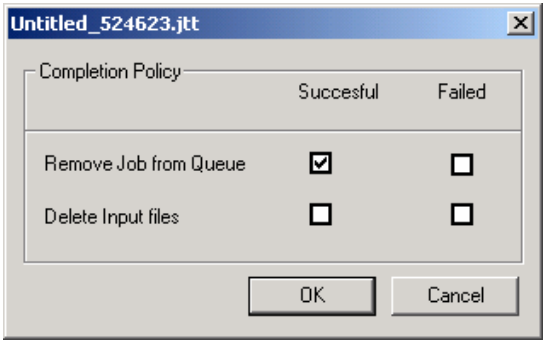
For more information on the Exposure tab options, see the CS Xpose online help.

5. Click the **Layout** tab.

   The **Layout** tab options appear.



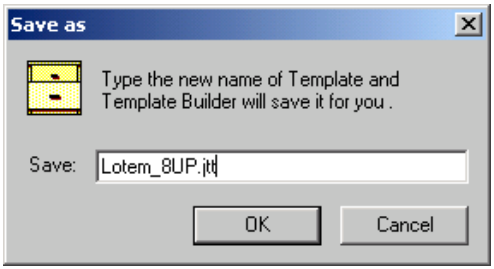
6. In the **Layout** tab, define the orientation and position of the image on the plate.
7. Click the **Options** button.



8. In the Completion Policy dialog box, select the completion policy options.
9. Click **OK**.

10. Click **Save As.**

11. In the **Save as** dialog box, type the name of the new template.



12. Click **OK**. The new template is saved in the Template panel.

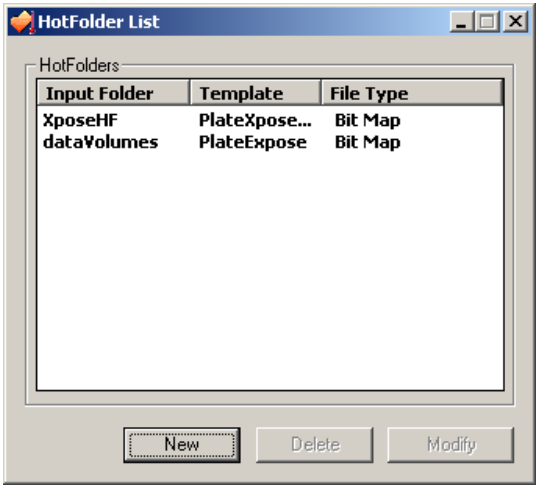
Note: You must edit templates from the Template panel.

4.5.4 Setup Hot Folders

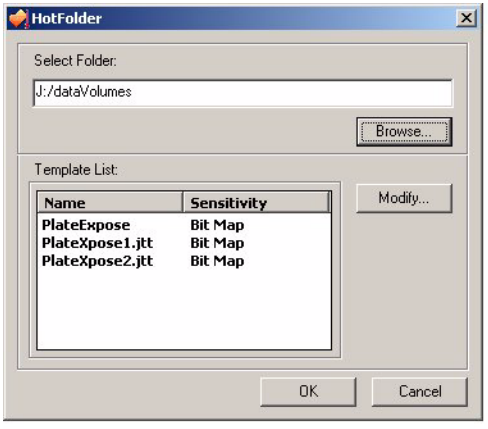
The main concept behind Hot Folder creation is automatic workflow management. Hot Folders contain file handling instructions, and a link to a Template which defines the file processing instructions. Each Hot Folder appears on the network (after defining it as such), and thereby allowing you to launch production directly from the RIP workstation. You can drag a file onto a Hot Folder, or save, copy and move a file into a Hot Folder from the RIP workstation. Once a file is sent to a Hot Folder, it is automatically processed according to the Hot Folder definitions.

To setup hot folders:

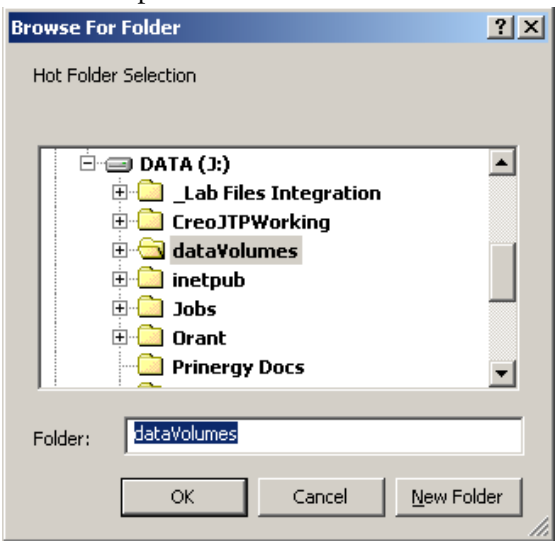
1. Click the **Hot Folder Setup** icon in the **ExposeUtilities** panel. The HotFolder List dialog box appears.



2. Click **New.** The HotFolder dialog box appears.



3. In the **Select Folder** box, type the hot folder path, or click the **Browse** button to open a standard file browser window.



4. Double-click on the folder that you want to select as the Hot Folder and click **OK**.

   Or:

   Click the **New Folder** button to create a new folder that will be designated as the hot folder. Name the folder and click **OK**.

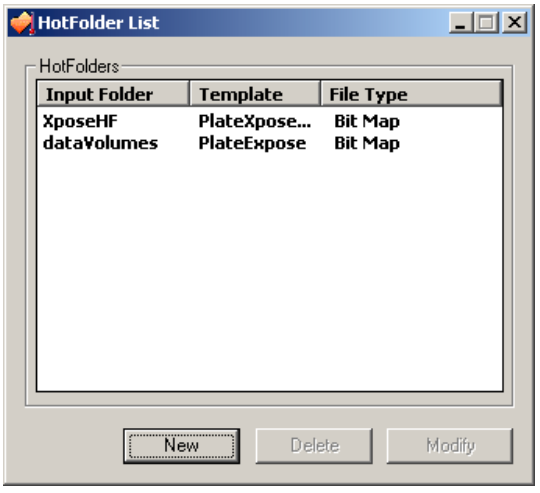
   The HotFolder dialog box opens, showing the selected hot folder.

5. In the **Template List** box, select the template that you want to use. If you want to modify the template, proceed to step 6; otherwise proceed to step 8.

6. To modify the selected template, click **Modify**. The PlateExpose dialog box opens. For details, see *Define Templates* on page 56.

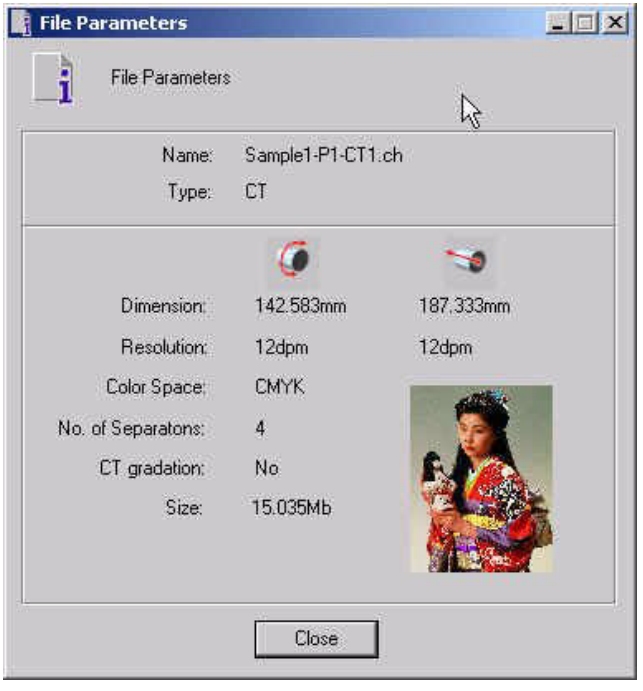
7. After editing the expose parameters, click **Save As** and assign a new name to the modified template. You return to the HotFolder dialog box where, in the **Template List** box, you need to select the modified template.

8. Click **OK** in the HotFolder dialog box. The name of the new Hot Folder is listed in the HotFolder List dialog box that opens.



4.5.5 File Info

When you drag a Job onto the **File Info** icon in the ExposeUtilities, the File Parameters window appears with information on the Job.



The information in the window varies according to file type. The following parameters are listed: Job name, file type, required plate size, resolution, color space, number of separations, file size and creator.

The File info utility is sensitive to the following file types:
TIFF, all types of CTs and LWs, Page, Layout, and Job.

4.5.6 Generating PPD Files

To generate PPD and PPX files from CS Xpose:



1. Define the Media Definitions have been defined in PC Controller.
2. From the Production Manager, click the **Refresh** icon.
3. Click the **Create PPD File** icon in the **ExposeUtilities** panel in CS Xpose.

   CS Xpose automatically generates PPD and PPX files.

   A message box displays where the PPD file is stored.

Once the PPD and PPX files are created you must manually copy them to your Preps software program.

4.6 CS Xpose Queue

From the Queue Manager you monitor and manipulate the status of Jobs. You can arrange the order of Jobs in the queue, temporarily place Jobs on hold, manually return Jobs on hold to the queue, and cancel Jobs. You can also generate a list of successfully completed or failed Jobs.

The Queue Manager is comprised of four different queues; each corresponding to a different Job status: online, on hold, failed, and completed.

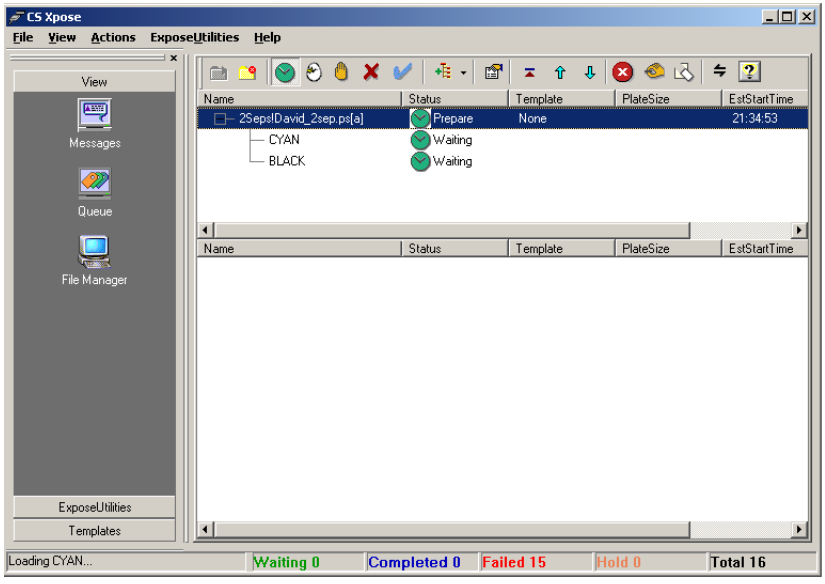


Figure 4: Queue Manager

For the online, hold, completed, and failed queues, the following information is available:

	Online	Displays the Online queue. Lists all the Jobs to be processed. The first Job is currently running while the other Jobs are waiting.
	Hold	Displays the on hold queue. Lists all Jobs that have been placed on hold.
	Completed	Displays the completed queue. Lists all Jobs that have been completed. The Completion policy, defined in the template, determines whether the completed Job is listed.
	Failed	Displays the Failed queue. Lists all Jobs that have failed. The Completion policy, defined in the template, determines whether the completed Job is listed.
	Expand/ Collapse	Expands or collapses the view of the job, either hiding or displaying the Job's separations.

	Properties	Displays the Job's properties.
	Abort	Stops the Job's exposure process.
	Set Hold	Sets a hold on the selected Job. Moves the Job to the hold queue.
	Delete	Delete the Job from the queue (does not delete the file from disk)
	Refresh plate setting	After defining a new plate in PC Controller, click this icon to add the new plate.
	Online help	Accesses the CS Xpose online help.

The following is provided for each Job: Job name, status, plate size, estimated start time, end time and remarks.

In the Online queue, you can also change the order of the Jobs, using the following buttons at the top of the queue:

	Move up	advance the Job one step up
	Move down	move the Job one step down
	Move to top	advance the Job to top of queue

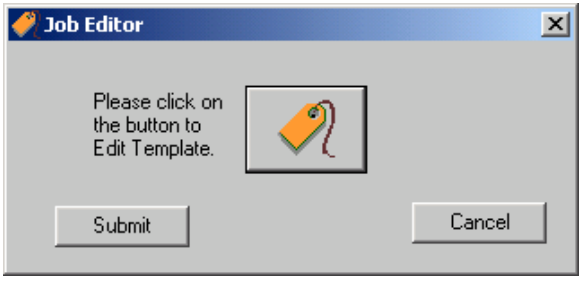
You can delete and expand Jobs in these queues by right-clicking and selecting an option from the shortcut menu.

4.7 Exposing Jobs

To expose TIFF Jobs to the connected device:

1. Submit a TIFF job by drag-and-dropping it onto a .jjt template in the **Templates** panel.

   The Job Editor dialog box appears.



2. To edit the template, click the **Edit Template** button. The templatename.jtt dialog box displays. See *Define Templates* on page 56 for more information.
3. Otherwise, click **Submit** to submit the Job to the CS Xpose online queue for exposing.

Alternatively:

- From the Prinergy workstation, submit the Job to the CS Xpose hot folder.

CS Xpose applies the template parameters to the TIFF Job and submits it to the online queue for exposure on the device.

You can view the Job's process from the CS Xpose Queue view.

4.8 Resubmitting Jobs

For direct connections, where, for example, Jobs are defined and submitted directly from Prinergy to the device, if the Job fails, you must resubmit the Job from the Prinergy workstation.

- For TIFF workflows, where the Job template is defined in CS Xpose, to resubmit the Job, in the queue, right-click on the Job to resubmit, and select **Resubmit** from the shortcut menu.

  The Job is resubmitted to the online queue.

5

Prinergy to Lotem Quantum Family Workflow

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Creating Process Plans to Use with Lotem Quantum Family Devices ...71
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Testing the Workflow 77
Orientation Settings in Prinergy 82

5.1 Connecting Prinergy to the Lotem Quantum Family

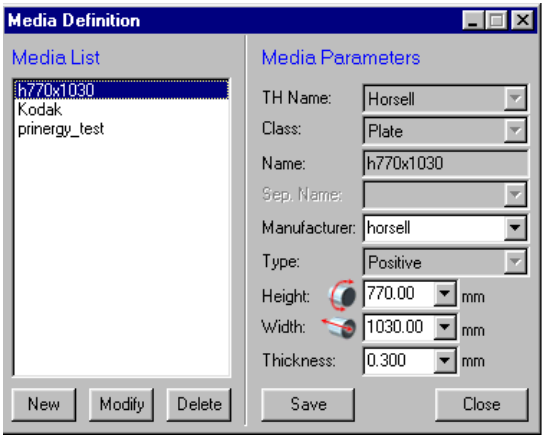
This section describes the general workflow in setting up the Prinergy 2.x to Lotem Quantum family workflow.

- Before starting CS Xpose and Prinergy, you must define media in PC Controller. See *To define media:* on page 68.
- Once the required media definitions and preferences are defined in PC Controller you can configure Prinergy. *To configure Prinergy to expose plates on a Lotem Quantum family device:* on page 69.

To define media:

1. Start Lotem PC Controller.
1. Make sure the Lotem PC Controller displays **Ready Status**.
2. In Lotem PC Controller, from the **Utilities** menu, select **Plate Definitions**.

   The Media Definitions dialog box appears.



3. On the Media Definitions dialog box:
   a. Click **New.**
   b. In the **TH Name** box, select a media type.
   c. In the **Class** box, select **Plate.**
   d. In the **Name** box, type the name of the new media definition—for example, plate name and plate size.
   e. In the **Manufacturer** box, select the manufacturers of the plate.
   f. In the **Height** box, type the height of the plate.
   g. In the **Width** box, type the width of the plate.
   h. In the **Thickness** box, type the thickness of the plate.
4. Click **Save.**
5. From the Preferences dialog box, set the measurement units and language default.

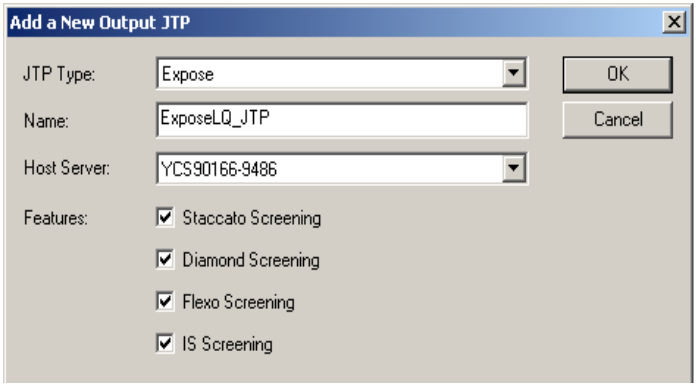
To configure Prinergy to expose plates on a Lotem Quantum family device:

1. On the Prinergy Workstation, from the **Start** menu, click the **CS Xpose Launch Pad** icon to start CS Xpose.
2. Once running, minimize CS Xpose.
3. On the Desktop, select **Start**, **Program**, **Prinergy**, **Prinergy Administrator.**

   Prinergy Administrator window opens.
4. Make sure the Prinergy Administrator window displays **Running** status.

5. From the **JTP** menu, select **Add JTP**.

   The Add a New Output JTP dialog box appears.



6. Add an Expose JTP.
   - In the **JTP Type** box, select **Expose**.
   - In the **Name** box, type a name for the Xpose JTP.
   - Click **OK**.



See Adding an Output JTP in the Prinergy Administrator online help for instructions on adding a JTP.

7. In the Prinergy Administrator window, click the **JTP** tab.
8. In the **JTP** tab, make sure the new Expose JTP **Status** reads as **Ready**.
9. Set up the final output process plans to use the new JTP.

   See *Creating Process Plans to Use with Lotem Quantum Family Devices* on page 71.

5.2 Creating Process Plans to Use with Lotem Quantum Family Devices

This section describes how to create Prinergy final output process plans in a Prinergy 2.x to Lotem Quantum family workflow.

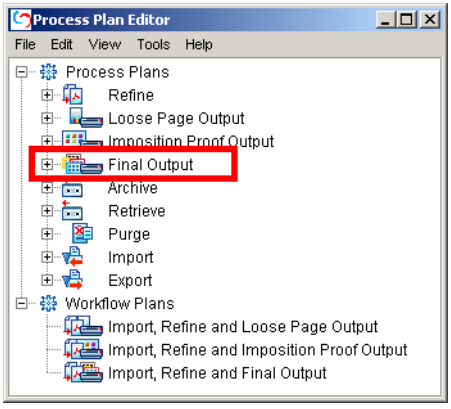
You need to create an output process plan for every media size you want to use on a Lotem Quantum family device.

For more information, see the Final Output Process Plan section of the Prinergy Workshop online help.

To create a final output process plan for use with a Lotem Quantum family device:

1. Start Prinergy Workshop.
2. From the **Tools** menu, select **Process Plan Editor**.

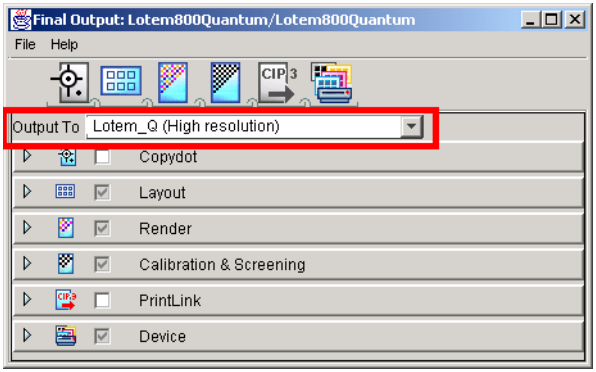
   The Process Plan Editor dialog box appears.



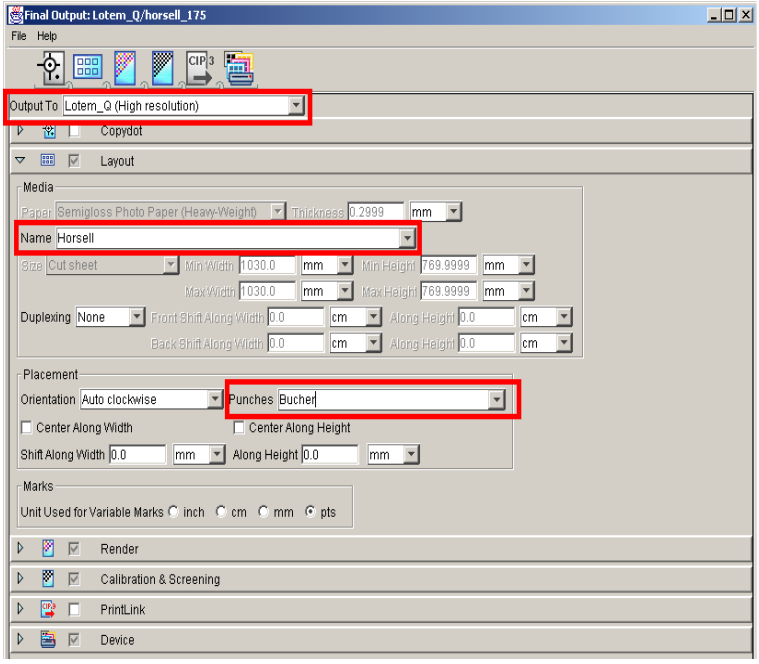
3. Highlight **Final Output**.
4. From the **File** menu, select **New Process Plan**.

Note: Alternately, you can modify an existing final output process plan and save it with a new name. For more information, see the Modifying Process Plans topic in the online help.

The Final Output Process Plan dialog box appears.



5. In the **Output To** box, select the name of the CS Xpose JTP.
6. Click the right-facing triangle on the **Layout** horizontal bar to display the **Layout** section.



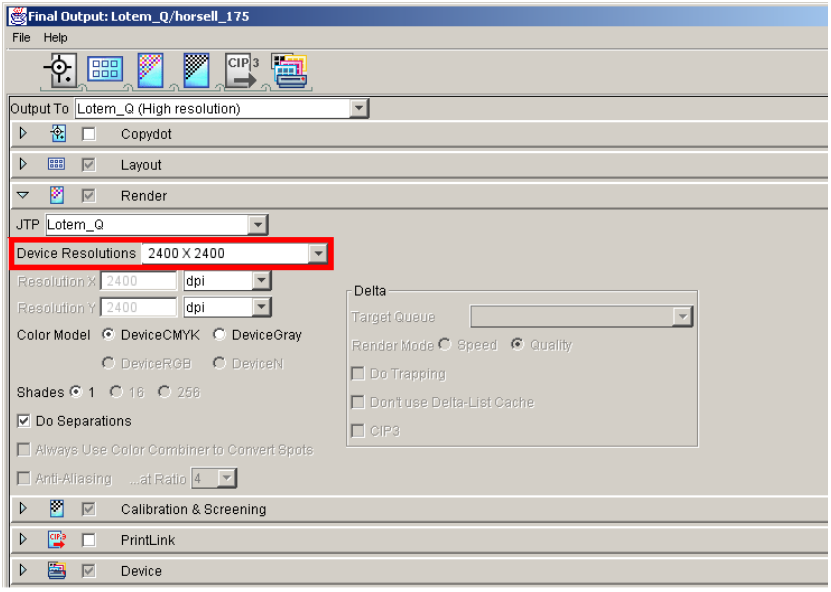
7. Enter the following settings:

   - In the **Name** box, select a media name—configured in PC Controller—from the list of options.
   - In the **Orientation** box, select the required orientation.

     For more information about Orientation, see *Orientation Settings in Prinergy* on page 82.
   - Select the **Center Along Width** check box.
   - Select the **Center Around Width** check box.
   - In the **Punches** box, select a punch option.

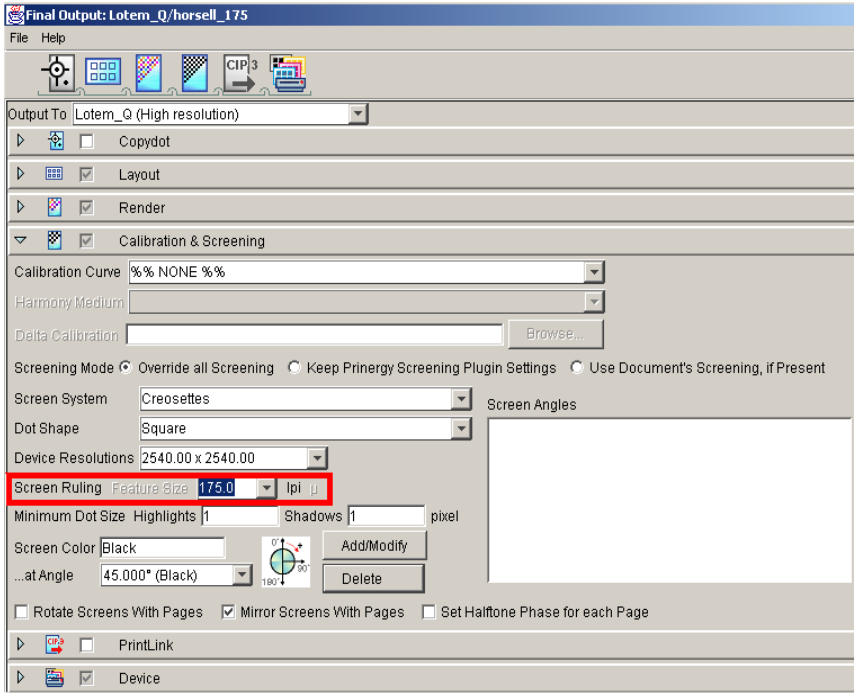
     Prinergy reads the available punch options from CS Xpose.

8. Click the right-facing triangle on the **Render** horizontal bar to display the **Render** section.



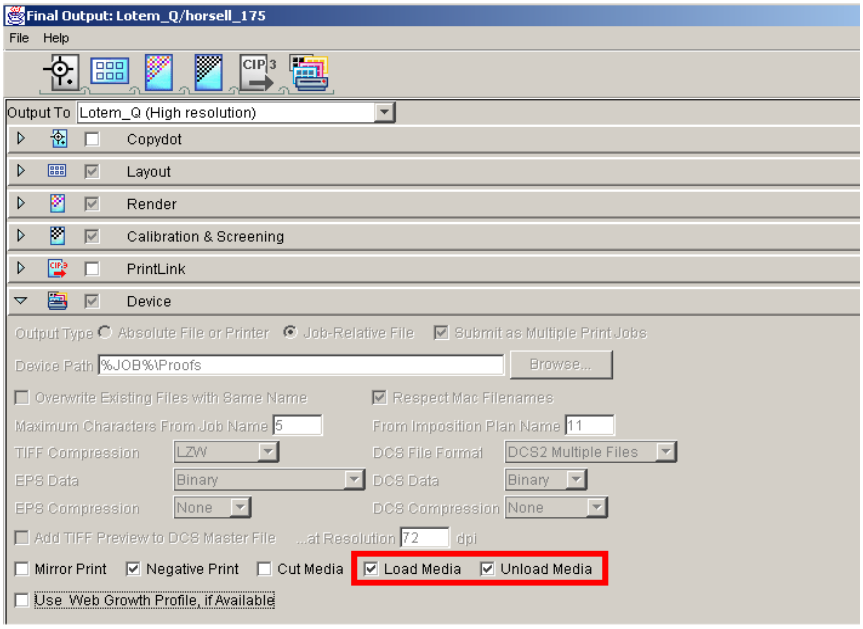
9. In **Device Resolutions** box, select the device resolution (2400dpi or 2540 dpi).

10. Click the right-facing triangle on the **Calibration & Screening** horizontal bar to display the **Calibration & Screening** section.



11. In the **Screen Ruling** box, select the optimum setting.

12. Click the right-facing triangle on the **Device** horizontal bar to display the **Device** section.



13. Enter one of the following pairs of settings:

    - Select the **Load Media** and **Unload Media** check boxes if you want to automatic loading and unloading.

    Or:

    - Clear the **Load Media** and **Unload Media** check boxes if you want manual loading and unloading.

14. From the **File** menu, select **Save**.

15. Repeat steps 3 to 9 for every plate size you want to use on the Lotem 800 Quantum, selecting the appropriate plate size from the **Name** box in the **Layout** pane.

5.3 General Prinergy Workflow

The following is a general platemaking workflow in Prinergy.



For more information about the Prinergy workflow, see Workflow Basics—A Sample Workflow in the Prinergy Workshop online help.

1. Start Prinergy Workshop.
2. Create a job.

   You can create a new group for the job, or add the job to an existing group.

   For complete instructions, see the Creating a Job and Creating a Group topics in the Prinergy Workshop online help.
3. Add input files to the job.

   See the Adding Input Files topic in the online help.
4. Import an imposition plan.

   See the Importing Imposition Plans topic in the online help.
5. Refine input files.

   See the Refining Input Files topic in the online help.
6. Assign pages to page positions in the page set.

   See the Assigning Pages to Page Positions topic in the online help.
7. Create proofs.

   See the Creating Soft Proofs, Creating Loose Page Proofs, and Creating Imposition Proofs topics in the online help.
8. Create final output.

   See the Outputting Plates or Film topic in the online help.

Parameters for platemaking process are taken from the final output process plan that you select. Before you can create plates on the Lotem 800 Quantum, you need to create a final output process plan, as described in *Creating Process Plans to Use with Lotem Quantum Family Devices* on page 71.

Once you select the imposition, signatures, surfaces, or separations to output, and the final output process plan, the job automatically begins processing and imaging on the Lotem 800 Quantum.

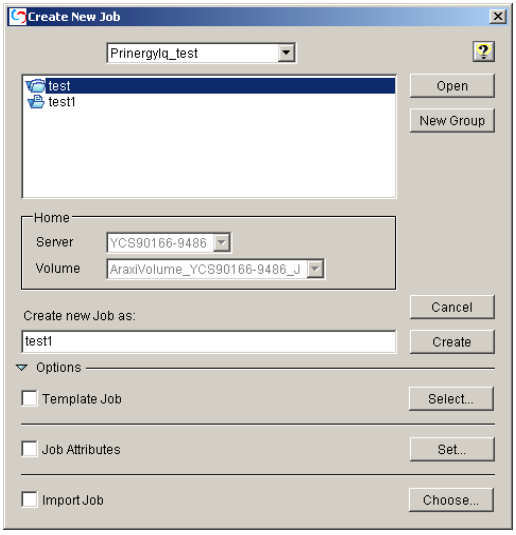
5.4 Testing the Workflow

Use the following platemaking workflow to test the Prinergy to Lotem workflow.

For more information about the Prinergy workflows, see Workflow Basics—A Sample Workflow in the Prinergy Workshop online help.

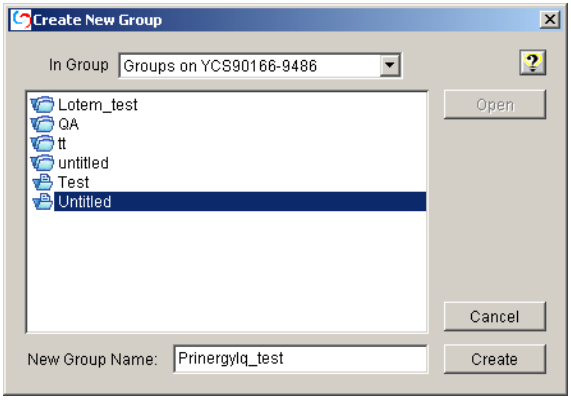
1. Start Prinergy Workshop.
2. From the **File** menu, select **New Job**.

   The Create New Job dialog box appears.



3. Click the **New Group** button.

The New Group dialog box appears.



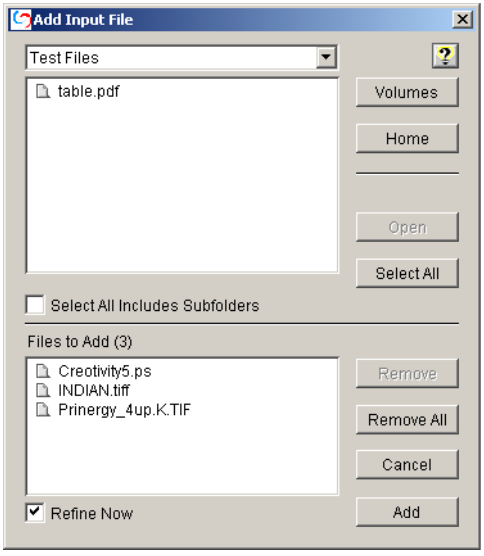
4. In the **New Group Name** box, type a group name.
5. Click **Create** to create the new group. The Create New Group dialog box closes.
6. In the Create New Job dialog box, in the **Create new name as** box, type a Job name.
7. Click **Create** to create the new Job.



For complete instructions, see the Creating a Job and Creating a Group topics in the Prinergy Workshop online help.

8. From the **File** menu, select **Add Input**.

The Add Input File dialog box appears.



9. In the drop-down box, select J:/DataVolumes/samples/PS/LotemQuantumsample.ps.
10. Click the **Select All** button.
11. Click the **Add** button to add the LotemQuantumsample.ps file to the **Files to Add** box.

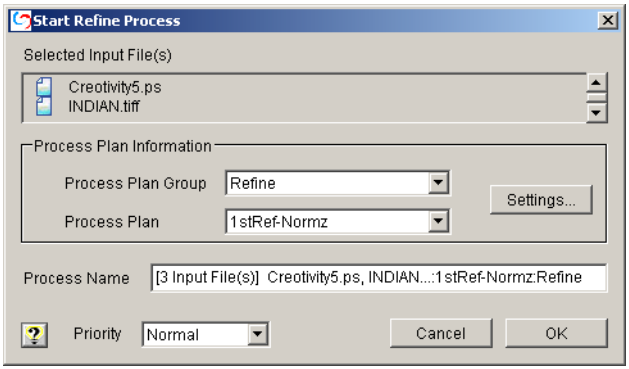


For more information, see the Adding Input Files topic in the Prinergy Workshop online help.

12. From the **Refine** menu, select **Refine**.

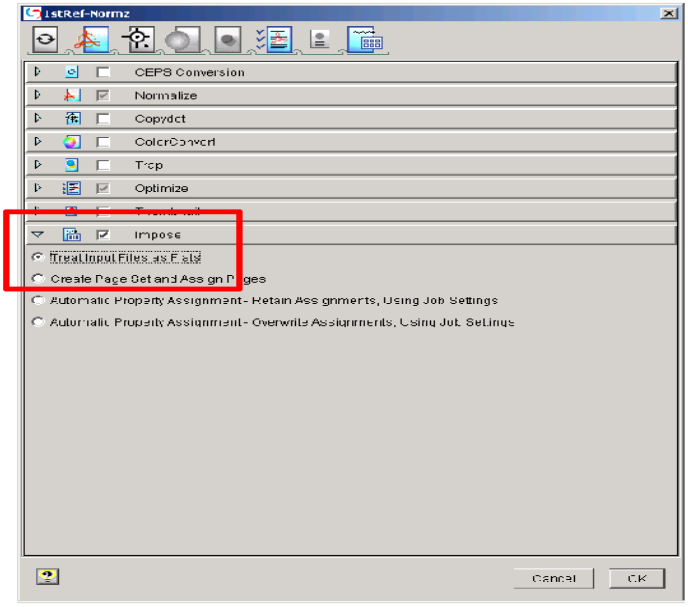
13. From the drop-down list, select a Refine option - for example - 1stRefNorm.

    The Start Refine Process dialog box appears.



14. Click the **Setting** button.

    The <Refine option name> dialog box appears.



15. Select the **Impose** check box.

16. Click the Impose triangle, to open the **Impose** panel.

17. Select the **Treat Input files as flat** check box.

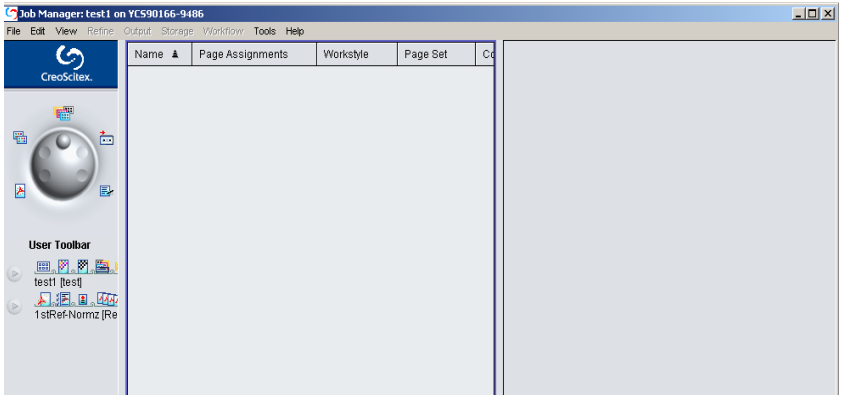
Note: When working with **Treat Input files as flat** selected, no screen sets, separation names, and file names appear on the plate.

18. Click **OK**.

19. Wait for the input file to finish refining.

For more information, see the Refining Input Files topic in the Prinergy Workshop online help.

20. On the wheel, click the **Separation** button to open the **Separation** view.



21. Select the input file, and open all paths.

22. Select the separation you want to expose. For example, Cyan.

23. From the **Output** menu, select the output process plan for the Prinergy to Lotem Quantum workflow.

24. Start the final output process.

25. Click **OK**.

26. The Output Process Plan dialog box appears.
27. In the Output Process Plan dialog box, make sure that the correct parameters for the Prinergy to Lotem workflow are set.
28. Click **OK**.
29. Prinergy submits the jobs to the Lotem Quantum family device to be exposed.



See the Outputting Plates or Film topic in the Prinergy Workshop online help.

Parameters for platemaking process are taken from the final output process plan that you select. Before you can create plates on a Lotem Quantum family device, you need to create a final output process plan, as described in *Creating Process Plans to Use with Lotem Quantum Family Devices* on page 71.

Once you select the imposition, signatures, surfaces, or separations to output, and the final output process plan, the job automatically begins processing and imaging on the Lotem Quantum family device.

5.5 Orientation Settings in Prinergy

The **Layout** section of the final output process plan has an option called **Orientation**. This section describes how the orientation setting affects your job.

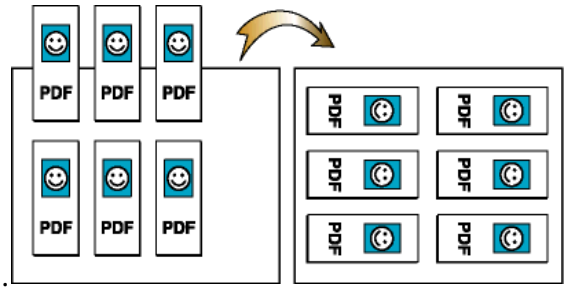
It is recommended that you select an orientation setting if rotating the imposition would result in a better fit to the plate.



Note: Prinergy rotates the entire imposition as a unit, rather than the individual pages.

For example, if your job size is 8.5 inches by 11 inches portrait, and the plate media is 11 inches by 8.5 inches landscape, rotating the imposition would result in a better fit to the plate. You could select one of the following in the **Orientation** box:

- **Auto clockwise** to automatically rotate the pages as a unit clockwise if rotating produces a better fit. For example, in this case:



- **Auto counterclockwise** to automatically rotate the pages as a unit counter-clockwise if rotating produces a better fit.

Selecting **0°**, **90°**, **180°**, or **270°** rotates an image the specified amount in a clockwise direction.



For more information, see the Final Output–Layout Options topic in the Prinergy Workshop online help.

A

Troubleshooting

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A.1 Troubleshooting Installation Problems

This section describes installation troubleshooting solutions.

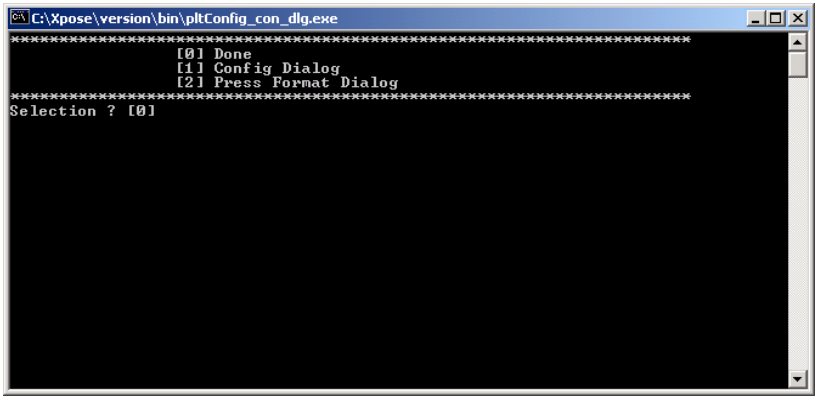
A.1.1 Can't Reconfigure Device

After upgrading CS Xpose (see *Upgrading CS Xpose* on page 27), when you configure CS Xpose with the same device name as the old version (in the Config wizard, **Logic Name** box), an error message "Device already exists" may appear. If this message appears, you need to delete the old device configuration and then configure CS Xpose.

Solution:

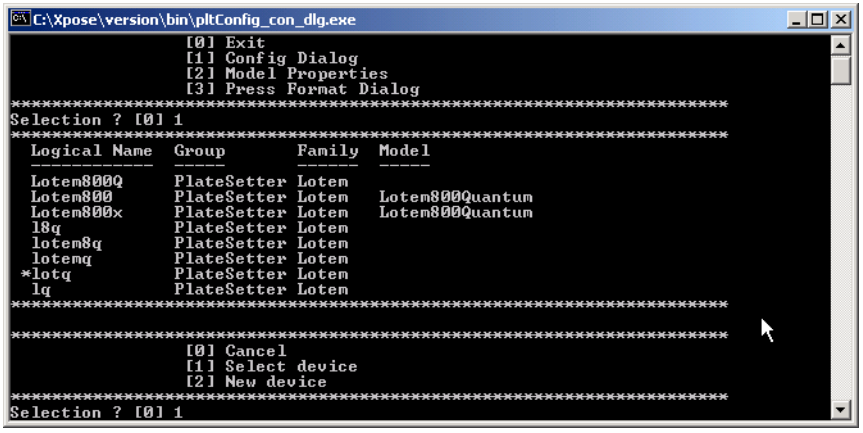
1. On the Prinergy Workstation, open Windows Explorer.
2. In \Xpose\version\bin\, double-click `pltConfig_con_dlg.exe`.

   The Config DOS window appears.

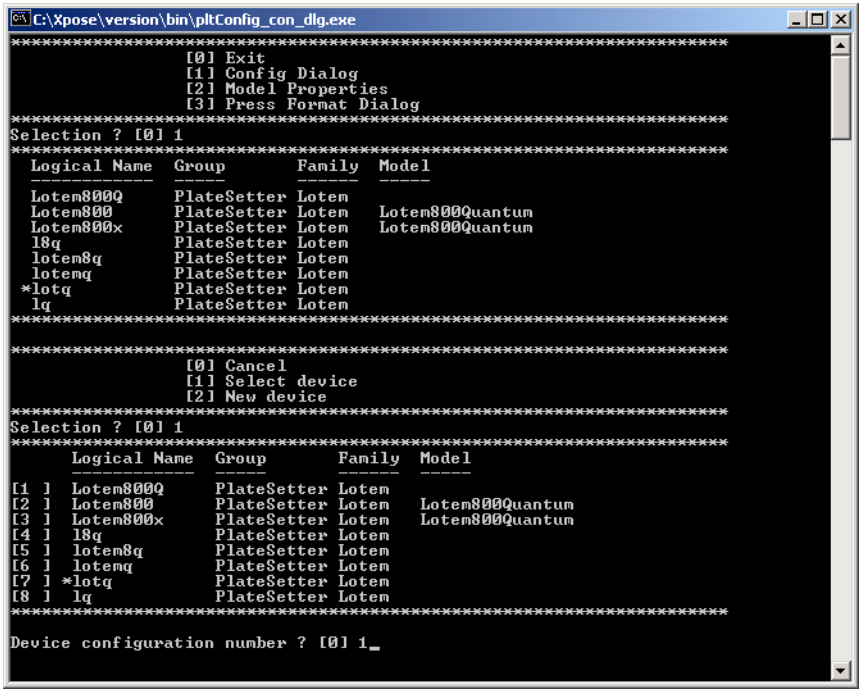


3. In the **Selection ?** row, type **1** and press ENTER.

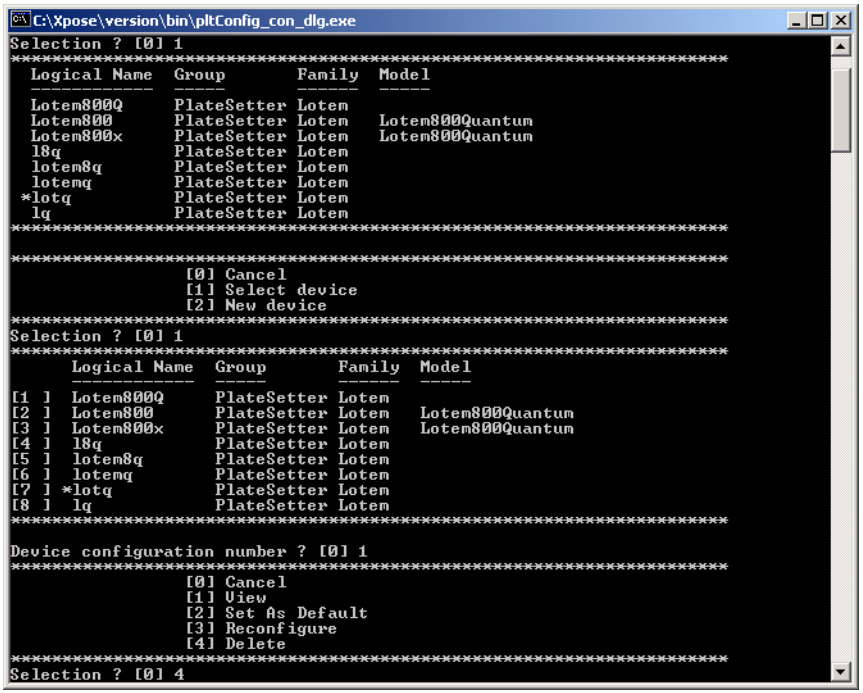
   A list of the configured devices appears in the window.



4. In the next **Selection ?** row, type **1** Select Device, and press ENTER.



5. In the **Device Configuration number?** row, type the number of the device configuration you want to delete and press ENTER.



6. In the next **Selection ?** row, type 4 to delete the configuration, and press ENTER.
7. In the Selection row?, type 0 to exit, and press ENTER.
8. From the **Start** menu, select **Xpose**, **Config** to reconfigure the device.

A.1.2 Error Messages Display When You Start CS Xpose

If you start CS Xpose when Lotem PC Controller is not running, the following error message may appear “Lotem imager error n:2 occurred” although CS Xpose still starts and displays.

Solution:

1. Close CS Xpose.
2. Start Lotem PC Controller.
3. After Lotem PC Controller displays a Ready Status, start CS Xpose.

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