Connectivity Installation Guide

English

Prinergy to Lotem 800 II / Lotem Quantum Family

version 2.0

653-00688A-EN

www.creo.com

Prinergy to Lotem 800 II / Lotem Quantum Family

version 2.0

Connectivity Installation Guide

creo™

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RE37,376	5,325,217	5,532,728	5,742,743	5,996,499	6,158,345	6,353,216
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4,743,091	5,343,059	5,568,595	5,764,381	6,003,442	6,164,637	6,371,026
4,992,864	5,355,446	5,576,754	5,771,794	6,014,471	6,180,325	6,377,739
5,049,901	5,359,451	5,579,115	5,785,309	6,016,752	6,181,362	6,387,597
5,079,721	5,359,458	5,592,309	5,813,346	6,031,932	6,181,439	6,396,422
5,103,407	5,367,360	5,594,556	5,818,498	6,043,865	6,186,068	6,396,618
5,111,308	5,384,648	5,600,448	5,854,883	6,060,208	6,189,452	6,407,849
5,113,249	5,384,899	5,608,822	5,861,904	6,063,528	6,191,882	6,414,755
5,122,871	5,412,491	5,615,282	5,861,992	6,063,546	6,204,874	6,422,801
5,124,547	5,412,737	5,625,766	5,875,288	6,072,518	6,208,369	6,435,091
5,132,723	5,420,702	5,636,330	5,894,342	6,090,529	6,214,276	6,441,914
5,150,225	5,420,722	5,649,220	5,900,981	6,096,461	6,217,965	6,450,092
5,153,769	5,459,505	5,650,076	5,934,196	6,098,544	6,260,482	6,456,396
5,155,782	5,473,733	5,652,804	5,942,137	6,107,011	6,266,080	6,476,931
5,157,516	5,481,379	5,680,129	5,946,426	6,112,663	6,266,134	6,477,955
5,208,818	5,488,906	5,691,823	5,947,028	6,115,056	6,267,054	6,509,903
5,208,888	5,497,252	5,691,828	5,958,647	6,121,996	6,268,948	
5,247,174	5,508,828	5,696,393	5,966,504	6,130,702	6,283,589	
5,249,067	5,509,561	5,699,174	5,969,872	6,134,393	6,295,076	
5,283,140	5,517,359	5,699,740	5,973,801	6,136,509	6,299,572	
5,291,273	5,519,852	5,708,736	5,986,819	6,137,580	6,318,266	
5,323,248	5,526,143	5,713,287	5,995,475	6,147,789	6,352,816	

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: 1-604-451-2700
Fax: 1-604-437-9891

http://www.creo.com

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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.x to the Lotem 800 Quantum, Lotem 800 II, Lotem 800 Quantum with Spectrum, Lotem 800 II with Spectrum, or Lotem 400 Quantum workflow, to be referred to in the rest of this manual as the Prinergy to Lotem 800 II / Lotem Quantum family workflow. It explains how to connect Prinergy to the Lotem Quantum family or Lotem 800 II 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 800 II / 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 800 II / Lotem Quantum Family Connectivity User Guide

Lotem 800 II / Lotem Quantum Family Installation Guide

Lotem 400 Quantum Family Installation Guide

Prinergy Onsite Client Installation Manual

Prinergy to Lotem Quantum SCSI Connectivity Installation Guide - http://techplanet.creo.com/output/device_connectivity/cs_xpose/content/install/scsi_connection.pdf

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

1 Introduction

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1.1 About the Prinergy to Lotem 800 II / Lotem Quantum Connectivity Workflow

The Prinergy to Lotem 800 II / Lotem Quantum family workflow combines the workflow of the Prinergy application and the features of a Lotem 800 II / Lotem Quantum family device (for example, Lotem 800 Quantum).

Basically, Prinergy sends raster data directly to the Lotem 800 II / Lotem Quantum device. CS Xpose acts as the pipeline between Prinergy and the Lotem 800 II / Lotem Quantum. Job Tickets are created in Prinergy and sent via Generic Device Application Programming Interface (GDAPI) and the CS Xpose application, to the PC Controller device controller software. The PC Controller software applies exposure, layout, and media parameters to the job before it is imaged on the Lotem 800 II / Lotem Quantum family device.

The Prinergy to Lotem 800 II / Lotem Quantum family direct workflow proceeds as follows:

1. On the Lotem PC Controller workstation, configure Media Definitions.



Note: You usually configure media definitions initially when you first install your system and when you have new media sizes or change vendors. Defining media is important but not part of a daily workflow. On the PC Controller you daily configure which media is installed and how many plates.

2. In the Prinergy workstation, create Job Tickets.
3. Expose Prinergy jobs on the Lotem 800 II / Lotem Quantum platesetter (Lotem 800 Quantum, Lotem 400 Quantum, or Lotem 800 Quantum with Spectrum).
4. View the job process.

1.2 Workflow Components

To run the Prinergy to Lotem 800 II / Lotem Quantum family workflow, you need the following components:

- Prinergy Connect 2.x software (running on a PC platform)
- CS Xpose 2.0 (running on the same workstation as the Prinergy Connect software)
- SCSI LVD (Low-Voltage Differential) on board controller (internal only) used with Dell 2500, 4400, and 6400.



See the *Prinergy to Lotem Quantum SCSI Connectivity Installation Guide* for more information on what SCSI board and cable to use with which Dell computer - http://techplanet.creo.com/output/device_connectivity/cs_xpose/content/install/scsi_connection.pdf.

- The Lotem PC Controller (part of the Lotem 800 II / Lotem Quantum, with the workstation on a separate table)
- Lotem 800 Quantum, Lotem 400 Quantum, or Lotem 800 Quantum with Spectrum, Lotem 800 II, or Lotem 800 II with Spectrum

To run the Prinergy to Lotem 800 II / Lotem Quantum with Spectrum family workflow, you need the following components:

- Prinergy Connect 2.x software (running on a PC platform)
- The INI file patch
- CS Xpose 2.0 (running on the same workstation as the Prinergy Connect software)
- 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.



See the *Prinergy to Lotem Quantum SCSI Connectivity Installation Guide* for more information on what SCSI board and cable to use with which Dell computer - http://techplanet.creo.com/output/device_connectivity/cs_xpose/content/install/scsi_connection.pdf.

- The Lotem PC Controller (part of the Lotem 800 II / Lotem Quantum, with the workstation on a separate table)
- A Lotem 800 II / Lotem Quantum with Spectrum

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 800 II / Lotem Quantum family device
- A SCSI board
- CS Xpose application (CD)
- Prinergy to Lotem 800 II / Lotem Quantum Family Connectivity User Guide and Prinergy to Lotem 800 II / Lotem Quantum Family Installation Guide in pdf format on the CS Xpose application CD.

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 making and platemaking are automated and managed by the system for increased process control and productivity.

In the Prinergy Connect environment, prepress operators can work individually or as a team to process incoming data and make it suitable for output on digital imagers. Prinergy Connect 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 resides on the Prinergy workstation as a stand-alone application. CS Xpose connects the Prinergy workstation to the Lotem 800 II / Lotem Quantum device.

The CS Xpose workflow supports both a direct workflow via GDAPI or an indirect 1-bit TIFF workflow via hot folders. 3rd party 1-bit TIFF workflows require a CS Xpose license key.

CS Xpose acts as the pipeline between Prinergy Connect and the Lotem 800 II / Lotem Quantum device. CS Xpose enables Prinergy to read the media sets configured in PC Controller and the supported resolutions in the Lotem 800 II / Lotem Quantum device, and to send raster data to PC Controller to be exposed on the Lotem 800 II / Lotem Quantum device.

For direct connections, CS Xpose runs in the background. If you are running a direct connection from Prinergy to the Lotem 800 II / Lotem Quantum device, you do not need to modify the settings in CS Xpose after it is installed and configured on the Prinergy workstation. In Prinergy you send jobs directly to the Lotem 800 II / Lotem Quantum device via GDAPI.



For more information on sending Prinergy jobs directly to the Lotem 800 II / Lotem Quantum device see the *Prinergy to Lotem 800 II / Lotem Quantum Family Connectivity User Guide*.

CS Xpose creates an indirect 1-bit TIFF workflow from Prinergy Connect to the Lotem 800 II / Lotem Quantum device via hot folders and job ticket templates defined in CS Xpose. In Prinergy, you output your 1-bit TIFF job, to a CS Xpose hot folder that has either a platemaking or proofing template attached. CS Xpose applies the media, layout, expose, and separation parameters defined in the job ticket template to the job, and then sends the job, via the SCSI cable, to PC Controller for exposure or proof on the Lotem 800 II / Lotem Quantum device. For more information on defining CS Xpose hot folders and templates and on sending 1-bit TIFF proof jobs from Prinergy to the Lotem 800 II / Lotem Quantum device see the *Prinergy to Lotem 800 II / Lotem Quantum Family Connectivity* User Guide.

1.4.1 What Is GDAPI?

GDAPI 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. GDAPI operates in the background, enabling 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 properties of jobs submitted to CS Xpose, you cannot edit the job properties in CS Xpose. If the job is

queued and job properties are not set correctly in the RIP software, then the job must be canceled and re-submitted in order to correct the job properties.

1.5 What Is PC Controller?

The PC Controller monitor is your interface between the PC Controller device controller software and the Lotem 800 II / Lotem Quantum family device. Its Main window is your basic working area, where the application indicators, buttons, boxes, and windows appear.

You can monitor the operation of the lotem device, check its status, and perform routine operations, such as releasing a cassette from the PC Controller workstation monitor. The PC Controller software that controls the device is located inside the right side door of the device.



For more information on the PC Controller, see the PC Controller online help accessed via the Messages window on the PC Controller software application.

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 eight-up plates per hour. With its imaging predictability and consistent results, Creo SQUAREspot thermal imaging assures plate imaging integrity. Advanced automation and customized, inline punch assures accurate and repeatable notches for perfect register on press.

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 offers the following options:

- A Lotem 800 Quantum plate size range between 457 x 381 mm (18 x 15 inch) and 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 800 Quantum with Spectrum?

The Lotem 800 Quantum with Spectrum produces digital color halftone proofs as well as imaging plates. Media for up to three (3) proofs can be loaded into a proofing tray that is inserted into the upper tray of the Dual Loading Cassette (DLC). The media is then automatically loaded onto the drum and imaged.

For complete instructions, see the *Lotem 800 Quantum Family User Guide.*

1.8 What is the Lotem 800 II?

The new Lotem 800 II platesetter offers higher throughput, more speed options, and optional thermal halftone proofing.

More speed options mean that printers can match throughput to their production needs. The Lotem 800 II platesetter offers new speed options that improve throughput up to 29 plates per hour. Adding the optional thermal halftone proofing produces proofs from the same digital files, using the same screening and same halftone dot structure used to image the plates. The resulting proof is exactly what will be printed.

Lotem 800 II is fully automatic, with additional speed and throughput, support for thermal halftone proofing.

Available models are available in:

- Lotem 800 II Speed - (S speed) 15 pph
- Lotem 800 II Speed - (F speed) 22 pph
- Lotem 800 II Speed - (V speed) 29 pph

All in two resolutions: 2400/2540 dpi.

The Spectrum option is available for all models.



For more details on the Spectrum option see the *Lotem 800 II with Spectrum User Guide, 399Z3R873A*.

The Lotem 800 II uses a thermal imaging head 830 nm just like any other Creo CTP device.

The Lotem 800 II does not support thermal compensation.

Lotem 800 II plate size ranges from 457 x 381 mm (18 x 15 inch) to 1130 x 905 mm (44.5 x 35.4 inch).

The Lotem 800 II is available in the following configurations: single, dual or multi-cassette units; all plate-loading options support automatic slip-sheet removal; optional connectivity to In-line processors:

- **Single cassette unit:** up to 100 plates with slip-sheets.
- **Dual-loading cassette:** allows for two different plate sizes; the main cassette holds up to 60 plates; the upper tray holds up to 10 plates (of a different size) or proofing media.



See the *DLC for Lotem 800 User Guide, 399Z1R080B*.

- **Multi-cassette unit**: holds up to 500 plates in five cassettes, each with up to 100 plates. The required cassette is automatically selected according to the job definition. Empty cassettes can be reloaded while the platesetter is running.



See the *MCU for Lotem 800 User Guide, 399Z1R092A*.

1.9 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 four-up plates per hour (with an MCU option). With its imaging predictability and consistent results, Creo SQUAREspot thermal imaging assures plate imaging integrity with an automatic loader.

The Lotem 400 Quantum offers the following options:

- A plate size range between 381 x 318 mm (15 x 12.5 inch) and 750 x 622 mm (29.5 x 24.5 inch).
- Manual loading
- Multi-cassette unit (MCU) (See the *Using the MCU for Lotem 400 Quantum* document).

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 workflow. Then, plates are automatically mounted on the drum for imaging and are unloaded directly into an optional inline processor.



For more information, see the *Lotem 400 Quantum User Guide*.

2

CS Xpose Installation and Upgrade

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2.1 Connecting Prinergy Workstation to Lotem 800 II / Lotem Quantum Family

This section describes connecting Prinergy to a Lotem 800 II / Lotem Quantum device. The basic installation connectivity workflow is as follows:

1. Connect Prinergy via the SCSI cable link (see *Connecting Prinergy Via the SCSI Cable Link* on page 12).
2. Install CS Xpose on the Prinergy workstation (see *Installing CS Xpose* on page 14).
3. Install the CS Xpose sample files in the DataVolumes folder (the default is J drive).
4. Set up the TCP/IP Connectivity (see *Setting Up TCP/IP Connectivity* on page 36).
5. Configure CS Xpose (see *Configuring CS Xpose* on page 39).
6. Verify the SCSI Connection (see *Checking the SCSI Connection* on page 45).



For more information see the *Prinergy to Lotem Quantum SCSI Connectivity Installation Guide* at http://techplanet.creo.com/output/device_connectivity/cs_xpose/content/install/scsi_connection.pdf.

7. Verify the connection between Prinergy and a Lotem 800 II / Lotem Quantum device (see *Connecting Prinergy to the Lotem 800 II / Lotem Quantum Family* on page 60).

2.1.1 Connecting Prinergy Via the SCSI Cable Link

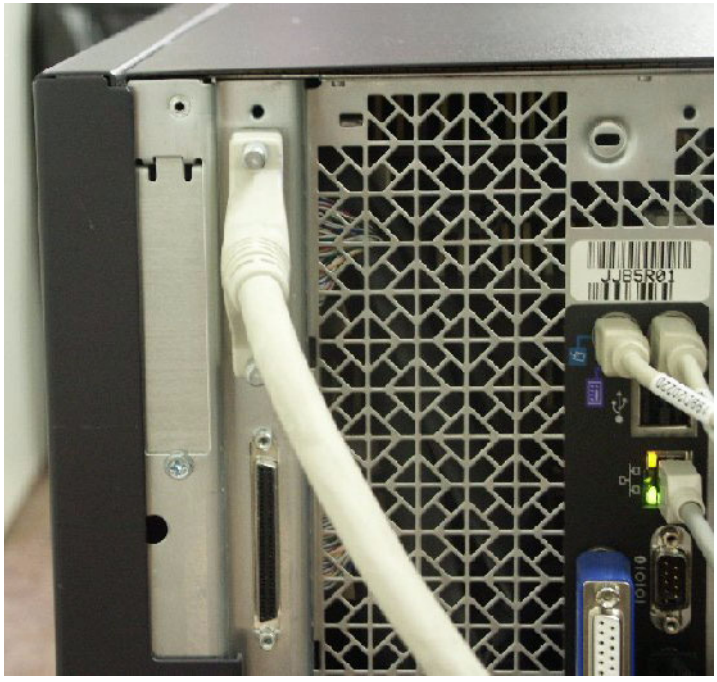
After installing Prinergy on the workstation and before you install CS Xpose, you need to install the SCSI cable connection between the Prinergy workstation and the Lotem 800 II / Lotem Quantum device.

To install the SCSI cable:

1. Shut down the Lotem 800 II / Lotem Quantum.
2. Shut down the Prinergy Workstation.

Attention: You must shut down the Lotem 800 II / 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 either to the onboard SCSI card, as shown below.



Or, to the SCSI LVD board and connector cable, as shown on page 14.



4. On the Lotem 800 II / 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 800 II / Lotem Quantum device.
6. Turn on the Prinergy Workstation.
7. Install and configure CS Xpose. See *Installing CS Xpose* on page 14 for more information.
8. Check the SCSI connection. See *Checking the SCSI Connection* on page 45 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.

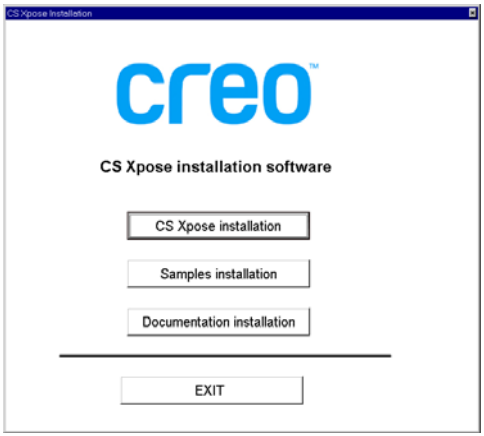
2.3 Loading CS Xpose

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.

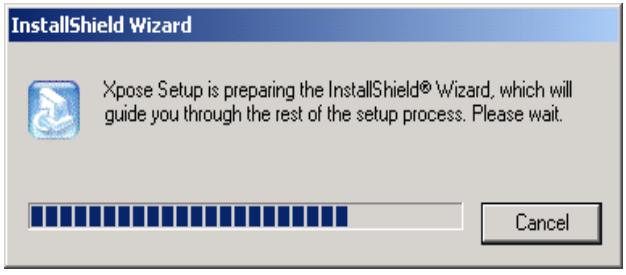


2. From the installation wizard select the **CS Xpose Installation** button.

   The CS Xpose installation application starts.



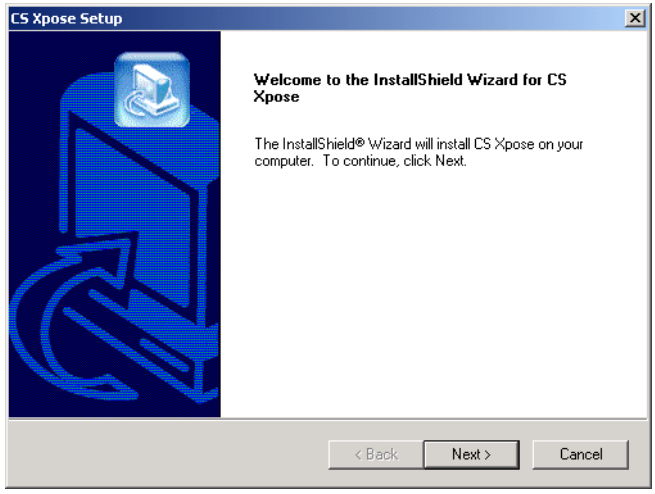
   The InstallShield Wizard appears.



3. In the CS Xpose Setup dialog box, 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 20 below.

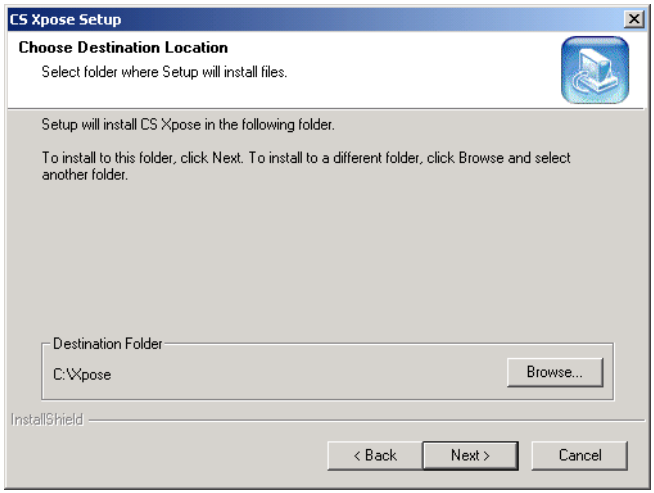


The Software License Agreement screen appears.



4. Read the Software Licence Agreement.
5. Click **Yes** to confirm the Software License Agreement.

The CS Xpose Setup dialog box appears.



6. If you want to change the Destination Folder:
   a. In the **Destination Folder** box, click the **Browse** button.

      The Choose Folder dialog box appears.

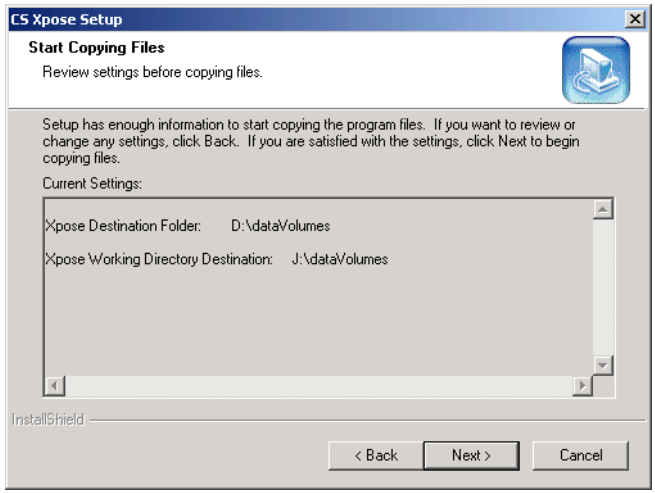
   b. In the **Directories** box, select the new destination folder.

   c. Click **OK**.

      The **Destination Folder** box displays the new path.

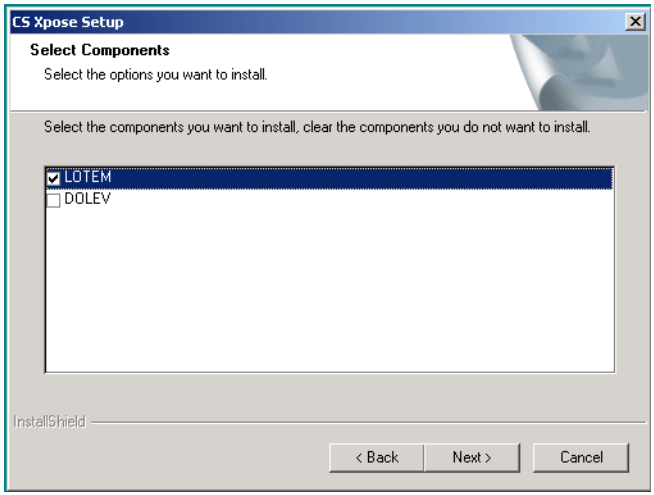
7. Click **Next**.

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



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

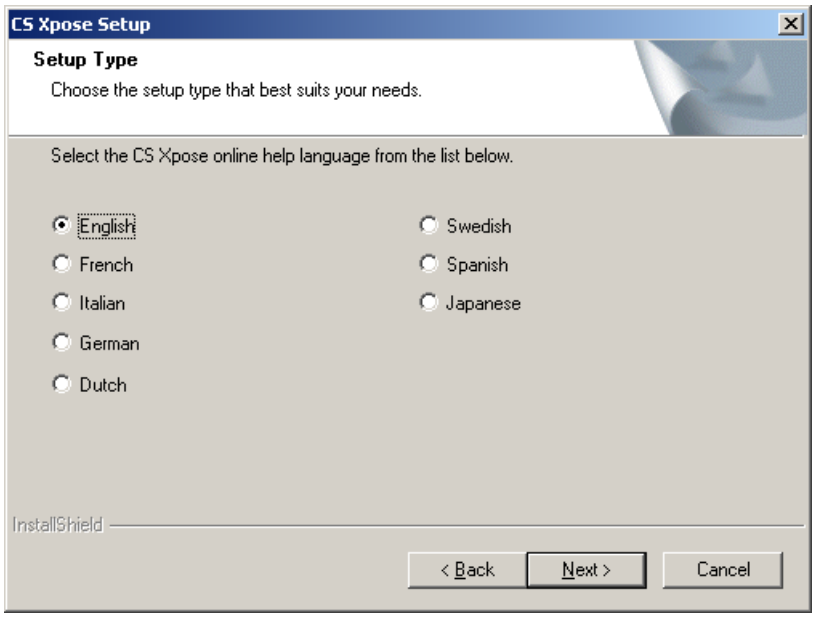
   The Select Components dialog box appears.



10. Select the **Lotem** check box to connect to a Lotem 800 II / Lotem Quantum device.
11. Click **Next.**

    CS Xpose installs the necessary components for the selected device.

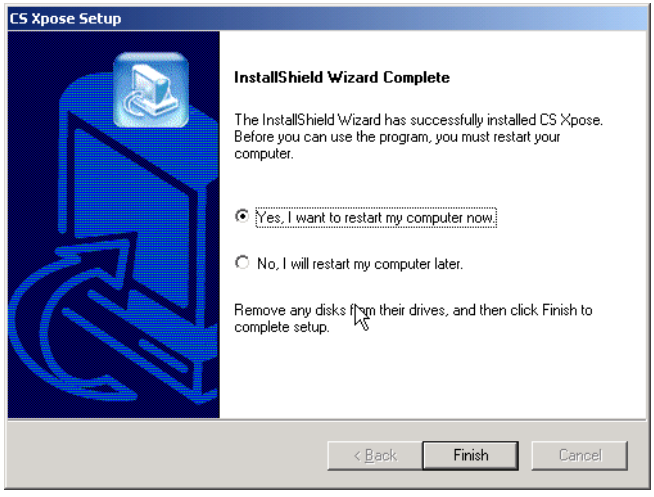
    The Online Help Installation dialog box appears.



12. Select the language option for your online help system.
13. Click **Next.**

    A confirmation message that the online help has been installed appears.
14. Click **OK.**

    The CS Xpose Setup finish dialog box appears.



15. 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.

16. Click **Finish.**

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

2.4 Changing the J:/DataVolumes Drive

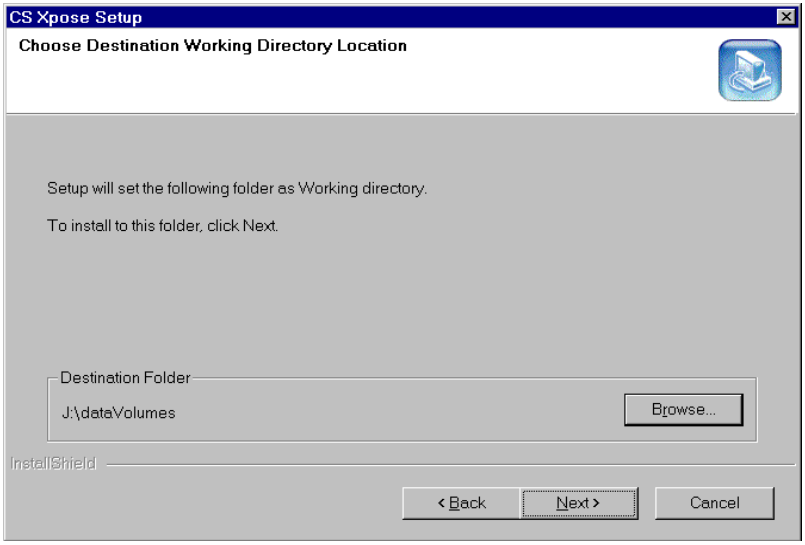
If your system does not support the J drive, only during the initial installation of CS Xpose can you change the Xpose Working Directory Destination drive (default is J).

If you are upgrading CS Xpose from an earlier version, you cannot change the working directory. CS Xpose takes the working directory settings from your previous configuration settings and applies them during the upgrade.

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

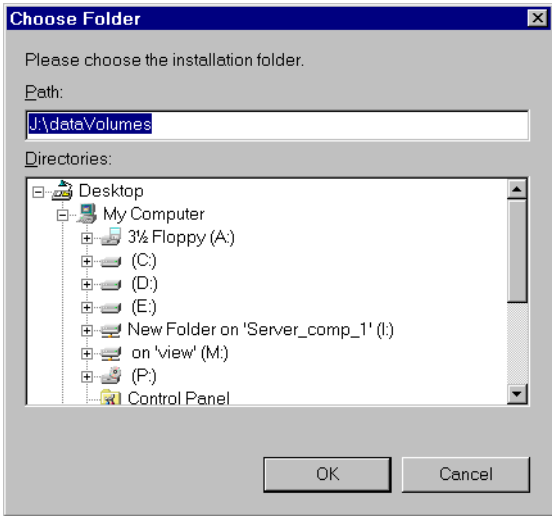
1. Follow steps 1 to 5 in the procedure *Loading CS Xpose* on page 14.
2. Click **Next.**
3. If there is no J drive on your system, an error message appears.
4. Click **OK.**

The Choose Destination Working Directory Location dialog box appears.



5. Click the **Browse** button.

   The Choose Folder dialog box appears.



6. In the **Directories** box, select a new Xpose Working Directory Destination.

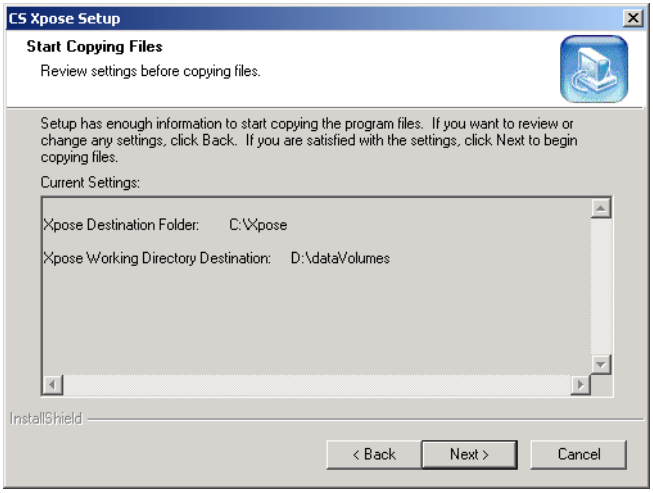
   Or, in the **Path** box, type a new destination.

7. Click **OK**.

   In the Choose Destination Working Directory Location dialog box, in the **Destination Folder** section, the new destination appears.

8. Click **Next**.

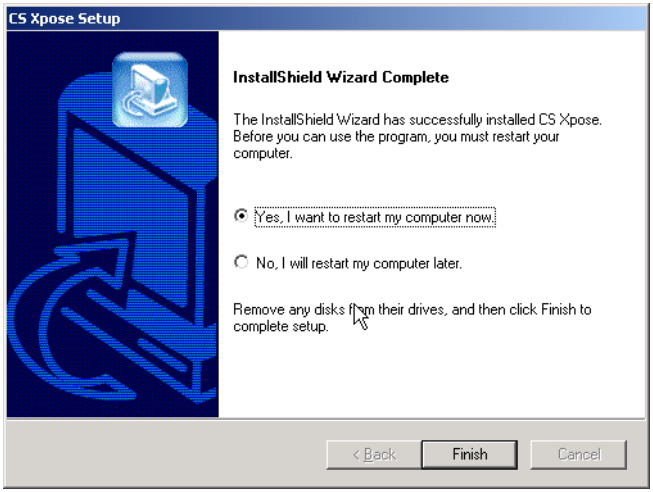
   The Start Copying Files dialog box appears displaying the current settings.



9. Verify that the Destination Paths are correct.

10. Click **Next**.

    The CS Xpose Setup finish dialog box appears.



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

When you install the Sample files, the following folders and files are installed on your system:

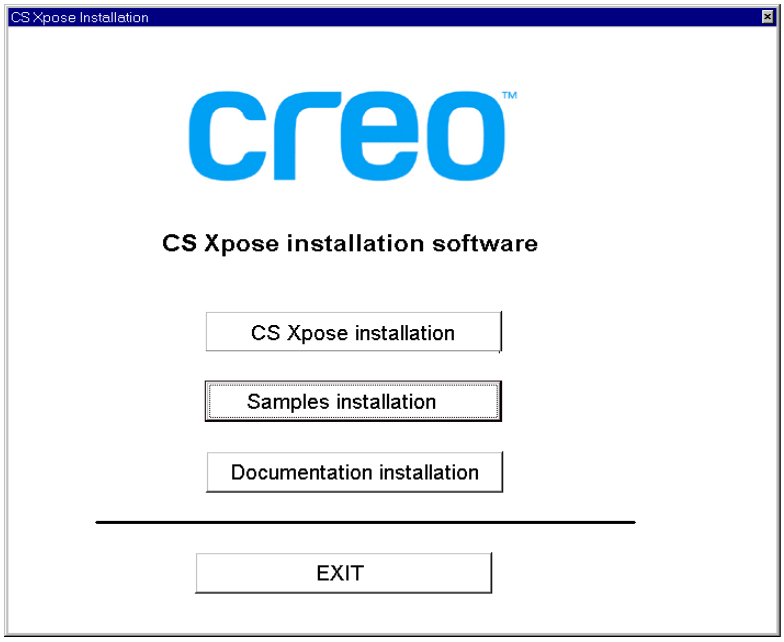
- 2400_A4
- 2540_A4
- PS_A4
- 2400_8up
- 2540_8up
- PS_8up
- Platetest.zip

The TIFF sample folders (2400 and 2540) also contain text files with information about the screen settings.

To install the sample files:

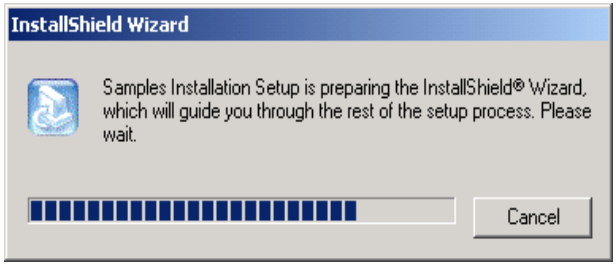
1. Insert the Application software CD into the CD drive.

   The CS Xpose installation wizard appears.

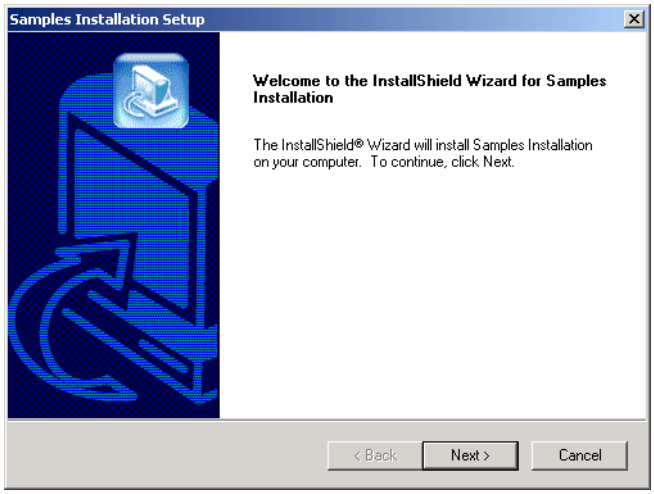


2. Click the **Samples Installation** button.

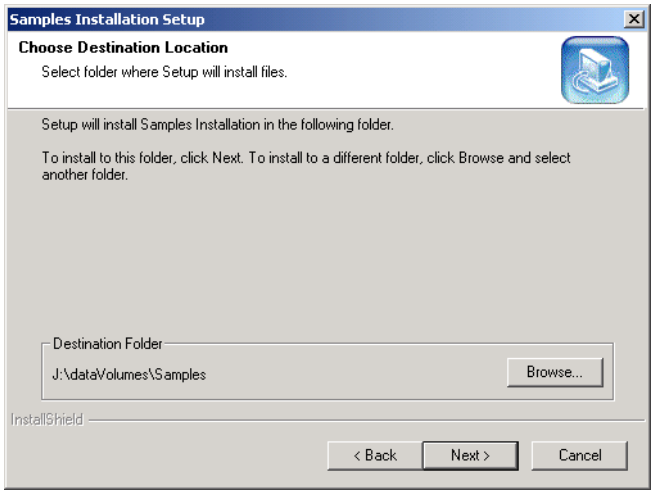
   The InstallShield Wizard appears.



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



The Choose Destination Location dialog box appears.

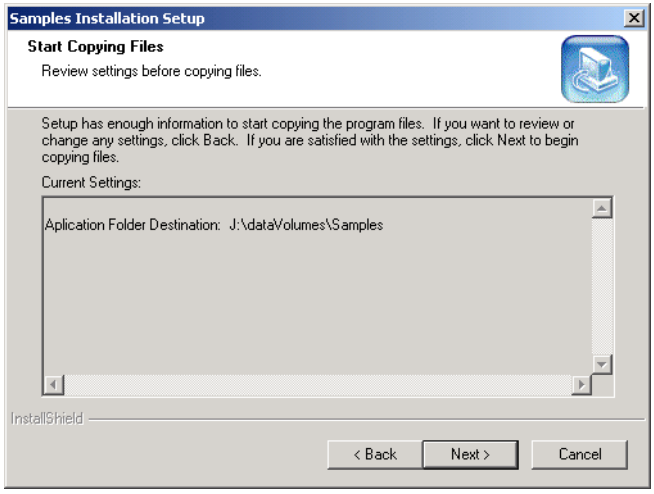


4. Click **Next**.
5. If you want to change the destination path:
   a. Click **Browse**.
   b. In the Browse dialog box, select a new path.
   c. Click **OK**.

      The new path appears in the **Destination Folder** section.
6. Click **OK**.

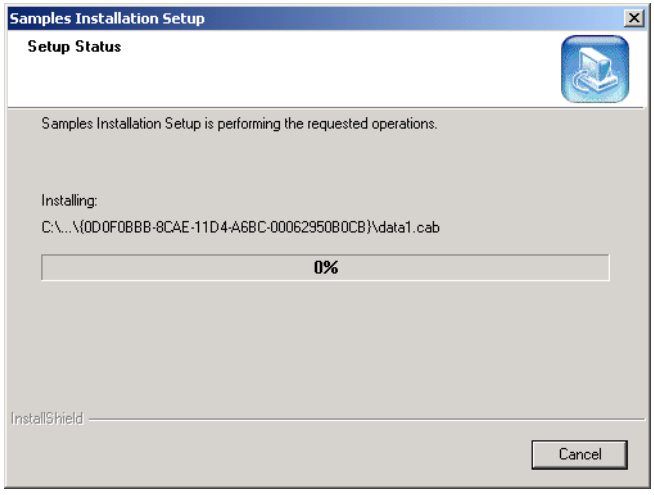
7. Click **Next.**

   The Start Copying Files dialog box appears.



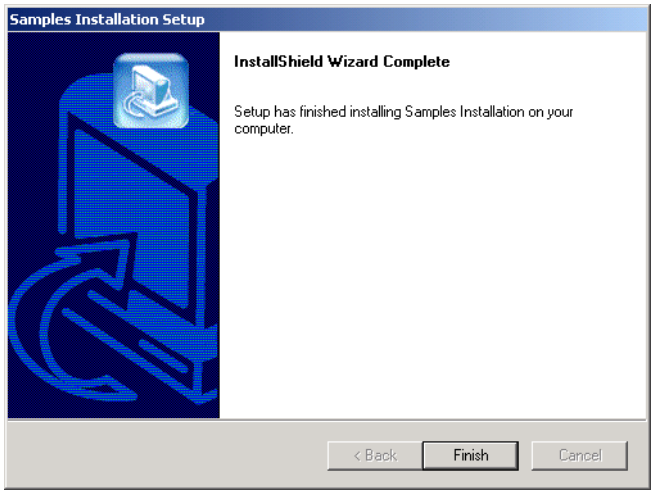
8. Check the **Current Settings** section to make sure the settings are correct.
9. If the settings need to be changed, click **Back**.
10. If the settings are correct, click **Next.**

    The Setup Status dialog box appears.



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

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



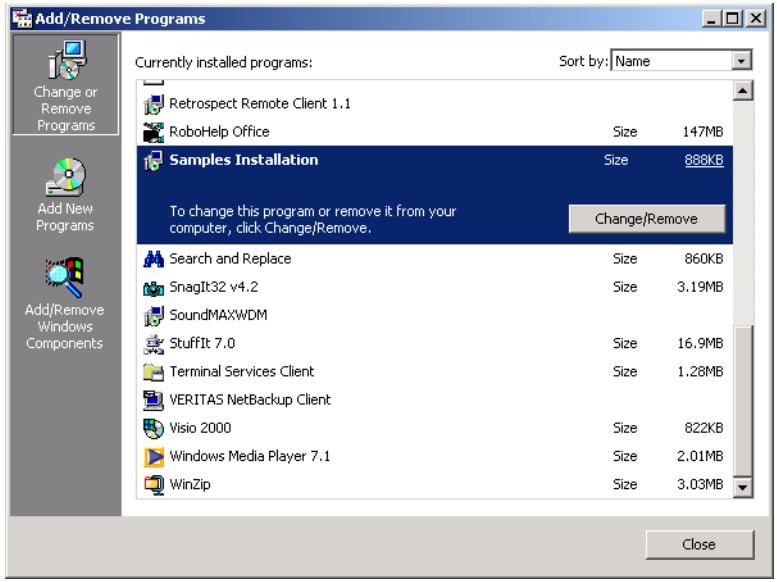
12. Click **Finish**.
13. Remove the Application software CD from the CD drive.
14. Reboot the workstation.

2.5.1 Uninstalling the Sample Files

If you want to uninstall the sample files from your system, you need to run the Uninstall wizard.

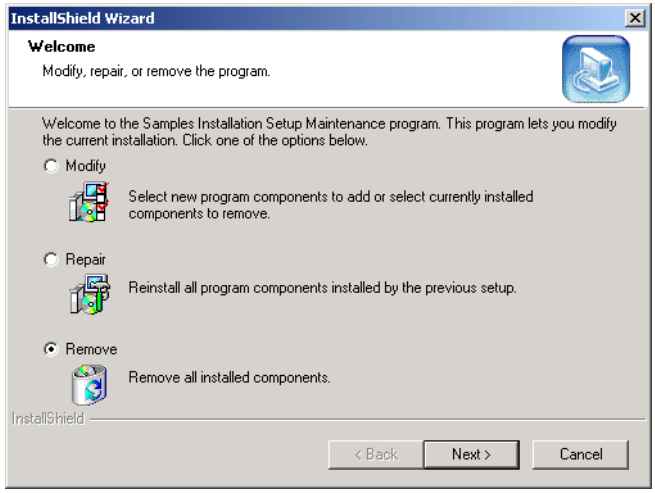
To uninstall sample files:

1. On your desktop select **Start**>**Settings**>**Control Panel** to open the Control Panel dialog box.
2. Double-click **Add/Remove Programs** to open the Add/Remove Programs dialog box.



3. Select the **Samples Installation** option.
4. Click the **Change/Remove** button.

   The Install Shield wizard appears.

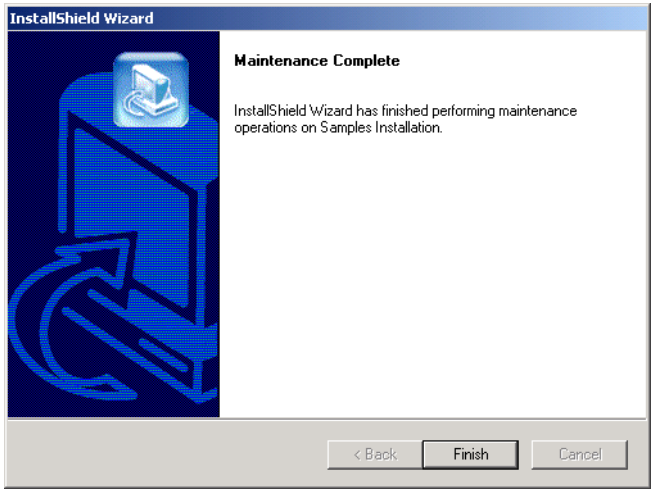


5. Select the **Remove installed components** option.
6. Click **Next.**

   A Message prompt dialog box appears.

7. Click **OK** to confirm the deletion of the sample files.

   The Maintenance Complete wizard dialog box appears.



8. Click **Finish**.

   The sample files are deleted.

2.6 Installing Documentation

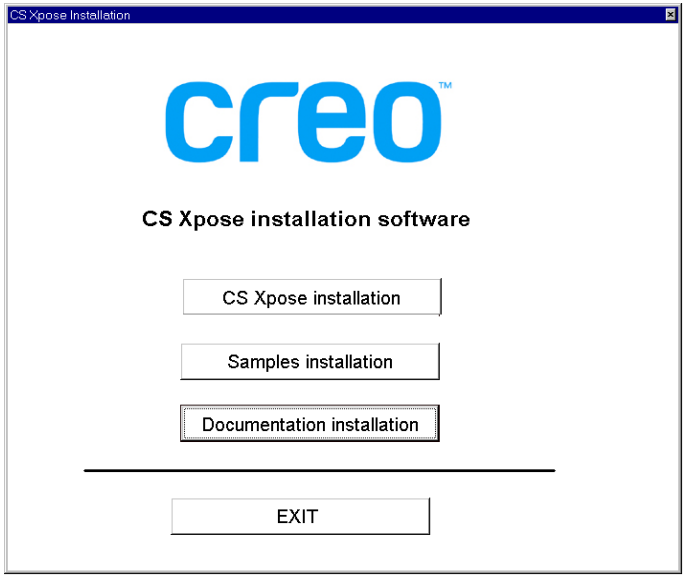
Once you have installed the CS Xpose software and sample programs, open and save the appropriate *Prinergy to Lotem 800 II / Lotem Quantum Family Connectivity User Guide* language pdf and the English *Prinergy to Lotem 800 II / Lotem Quantum Family Connectivity Installation Guide* pdf.

The *Prinergy to Lotem 800 II / Lotem Quantum Family Connectivity User Guide* has been translated into the following languages: French, German, Italian, Spanish, Dutch, and Swedish.

To open the documentation:

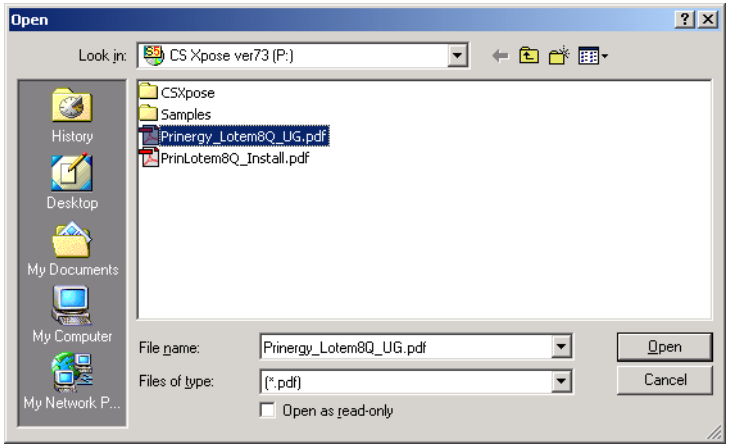
1. Insert the Application software CD into the CD drive.

   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 Activating The CS Xpose 3rd Party TIFF Workflow License

To activate the CS Xpose 3rd Party TIFF workflow license, you need to install the license software.

You must install the CS Xpose license software after you have installed the CS Xpose application and restarted the workstation.

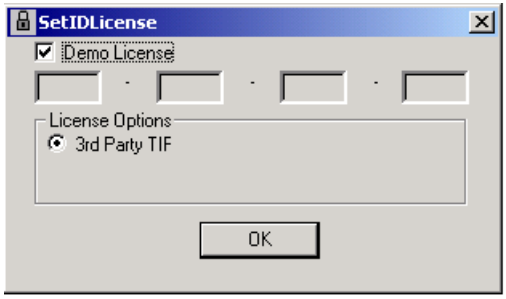
2.7.1 Installing The CS Xpose 3rd Party TIFF Workflow License Software

Install the license software after you have installed the CS Xpose software, and before you have run the configuration.

You can install a Demo license for 35 days before you decide to purchase the license.

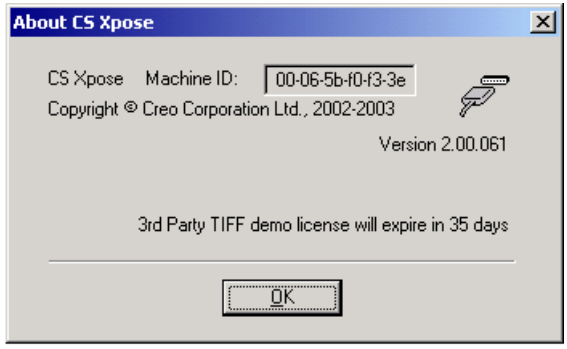
To install the Demo License

1. From the **Start** menu, select **Programs > CS Xpose > License.**
2. In the **SetIDLicense** dialog box, select **Demo License.**



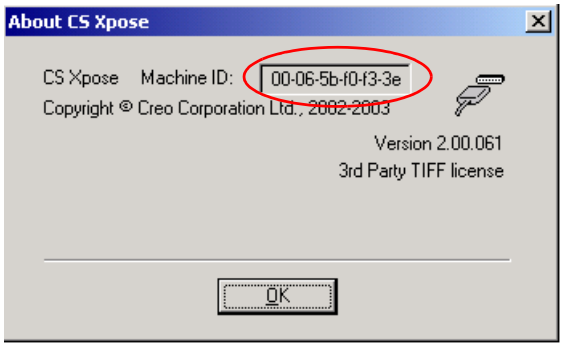
A confiramtion message appears indicating that the Demo License has been activated and is valid for 35 days.

In the About CS Xpose window, **3rd Party Tiff** now appears. The Demo license is active for 35 days.



To install the license software:

1. From the **Help** menu, select **About > About CS Xpose.**

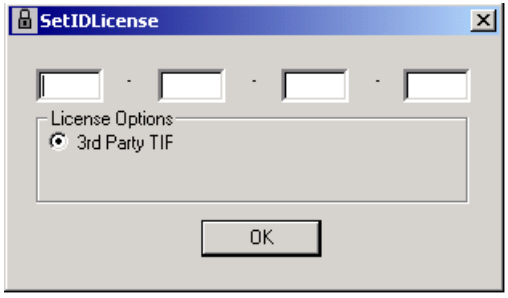


2. Copy the number in the **Machine ID** box and send it to the CSC focal point.

   You will receive a password.

3. From the **Start** menu, select **Programs > CS Xpose > License**.

4. In the **SetIDLicense** dialog box, type the password you were given.



5. When a message stating that your password was accepted appears, click **OK**.

   CS Xpose is now licensed to support 3rd party TIFF files.

2.8 Upgrading CS Xpose

When upgrading CS Xpose, perform the following:

1. Remove the existing CS Xpose.

   See *Removing CS Xpose* on page 34.

2. Reboot the Prinergy workstation.
3. Install the new CS Xpose.

   See *Loading CS Xpose* on page 14.
4. Reboot the workstation.
5. Configure CS Xpose.

   See *Configuring CS Xpose* on page 39.
6. Restore the template and hot folder settings from the previous version.

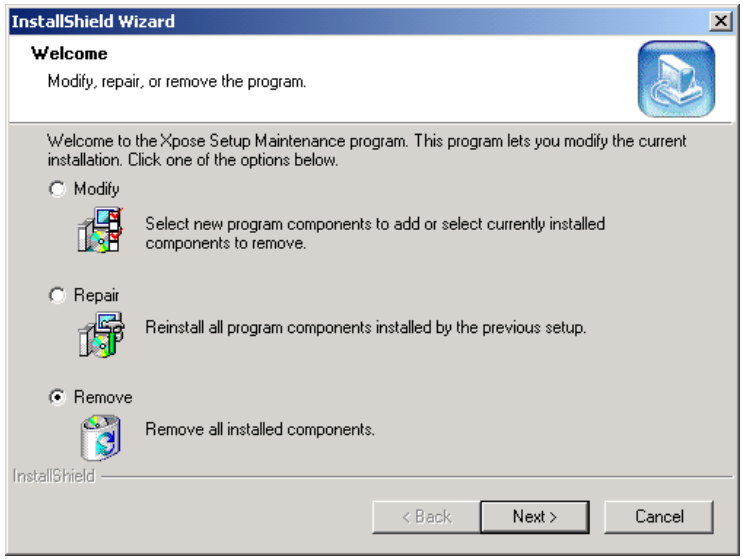
   See *Restoring Settings After An Upgrade* on page 43.
7. Check the connection.

   See *Checking the SCSI Connection* on page 45.
8. Start CS Xpose.

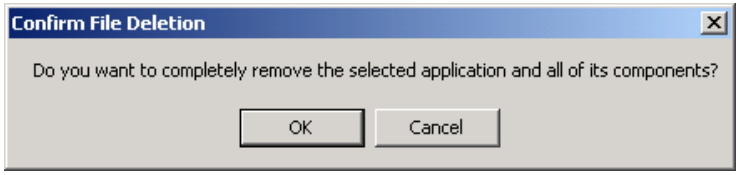
2.9 Removing CS Xpose

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 the **Change/Remove** button.

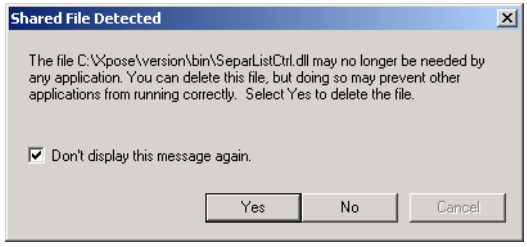
   The InstallShield Wizard dialog box appears.



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

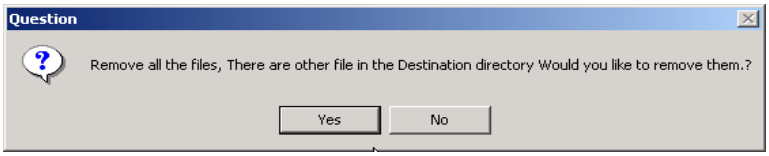


A ReadOnly File Detected or a SharedFile Detected dialog box appears.



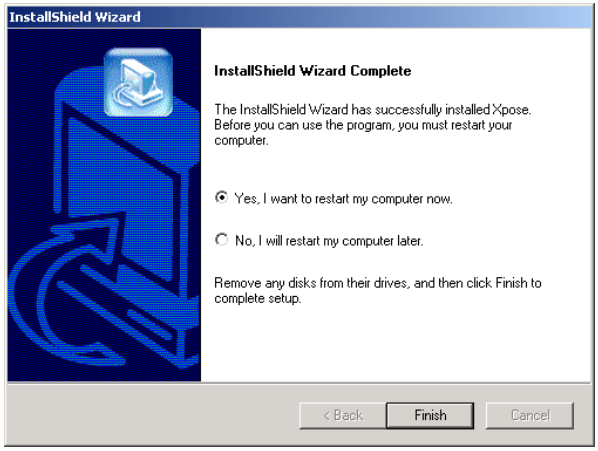
7. Select the **Don't display this message again** box.
8. Click **Yes.**

   The Question dialog box appears.



9. Click **Yes.**

   The InstallShield Wizard dialog box appears.



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

    The computer restarts.

2.10 Setting Up TCP/IP Connectivity

You must set up the TCP/IP connection between Prinergy and the Lotem 800 II / Lotem Quantum, and connect both Prinergy and the Lotem 800 II / 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

2.10.1 Defining the IP Address of the Lotem 800 II / Lotem Quantum

1. Start the Lotem 800 II / Lotem Quantum.



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

2. In Windows NT, from the **Start** menu, select **Settings**>**Control Panel.**
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 800 II / 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, see the *Lotem 800 Quantum Family Installation Guide*.

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

2.10.2 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, Prinergy Workshop will be dependent on this service and may perform poorly if it is not properly configured, or if the service is interrupted. For this reason, it is recommended that customers do not rely on external DNS server from an ISP. If customers require DNS, it is recommended that they maintain their own server. All 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** from the short-cut menu. The Network and Dialup Connections window appears.
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 the **WINS** tab.
8. Select the **Enable NetBIOS over TCP/IP** check box.

9. Click **OK** .

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

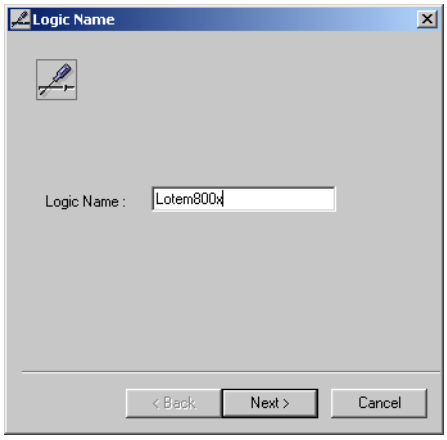
2.11 Configuring CS Xpose

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.

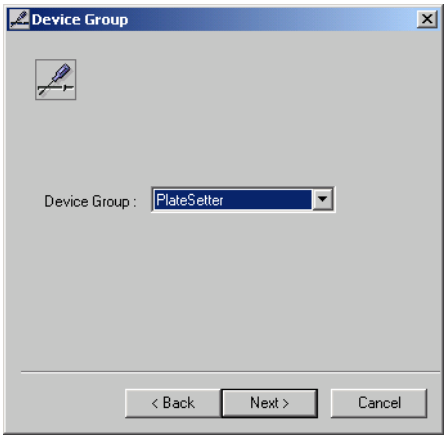


3. In the **Logic Name** box, type in a logical name for the connected device. For example, Lotem 800x.

Note: If the "Device already exists" error message appears, see *Troubleshooting Installation Problems* on page 80.

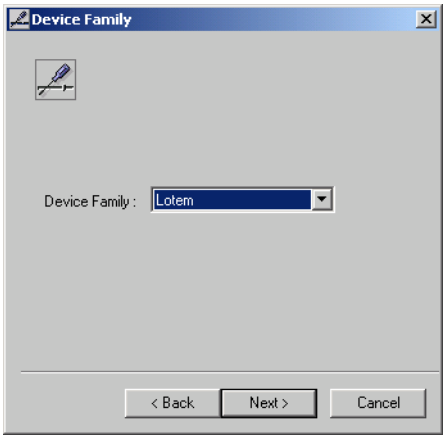
4. Click **Next**.

   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** option and type the Lotem device's IP Address.

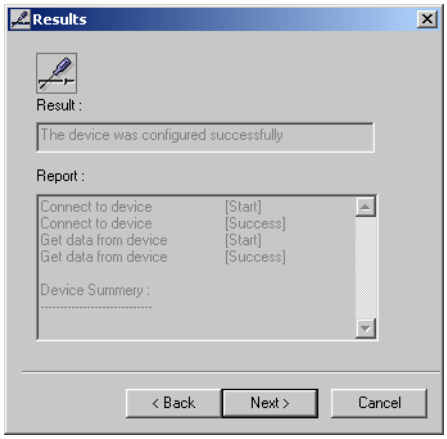


Note: To find out the IP Address of the Lotem 800 II / Lotem Quantum, on the Lotem PC Controller workstation, from the **Start** menu, select **Run**. On the Run dialog box, in the **Open** box, type `winipcfg`. Click **OK**. The IP Address of the Lotem device appears.

   - 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.

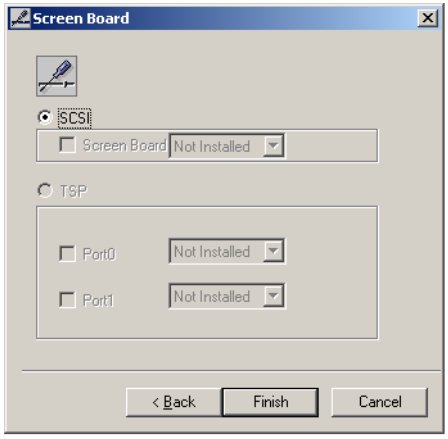


12. In the **Results** box, verify that the device was successfully configured.
13. In the **Report** box, verify that there are no error messages.

Note: For a Prinergy to Lotem 800 II / 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**.

2.11.1 Restoring Settings After An Upgrade

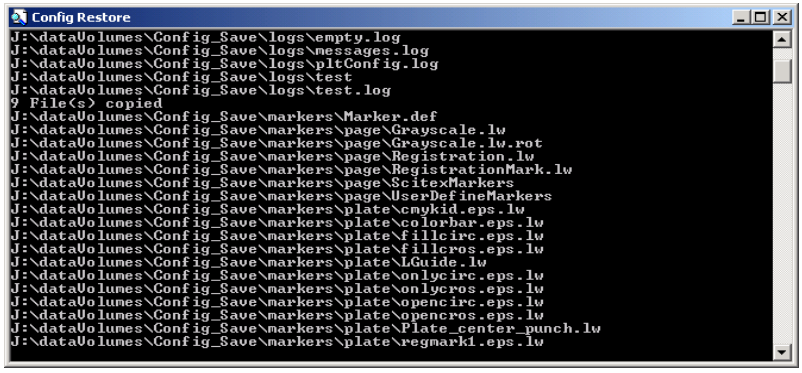
After upgrading to CS Xpose 2.0 from an earlier version and configuring the connection to the device, you can restore the CS Xpose hot folder and template settings.

To restore hot folder and template settings:

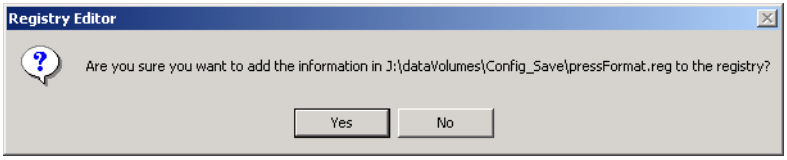
1. Exit CS Xpose.
2. On the Desktop select **Start** > **Programs** > **CS Xpose** > **Restore Settings**.

Note: When you upgrade a version, select the option **Restore settings** and not **Restore settings from...**

The Restore Settings DOS window appears and automatically begins to restore the previous configuration.



After the Restore Settings operation completes, a message prompt appears.



3. Click **Yes.**

   A confirmation dialog box appears.

4. Click **OK**.

   The configuration is restored.

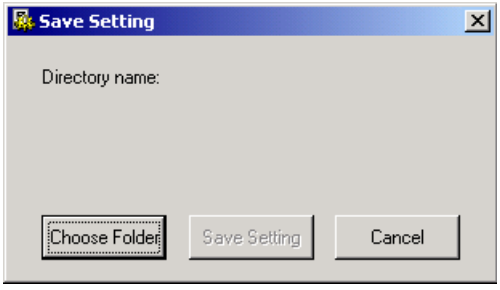
5. Start CS Xpose.

2.11.2 Saving and Restoring Settings

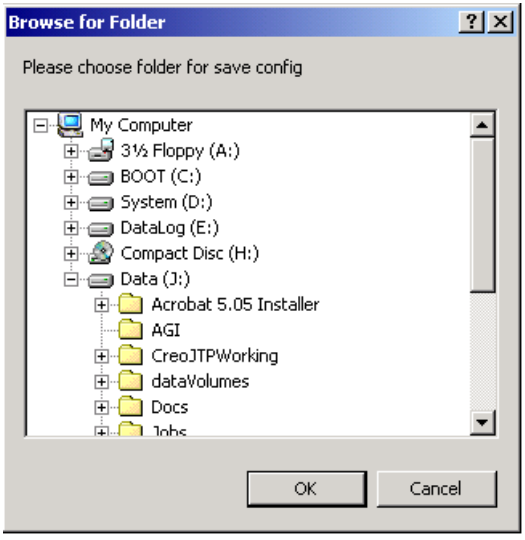
You can save your settings even when you are not upgrading to a newer software version. You can do this so that you will be sure not to lose any of your preferences.

To save your settings:

1. From the **Start** menu, select **CS Xpose > Save Settings to..**and click **Choose Folder.**



2. Browse to the location where you want to save your settings.

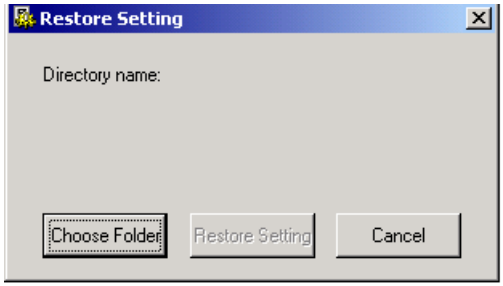


3. Click **OK**.

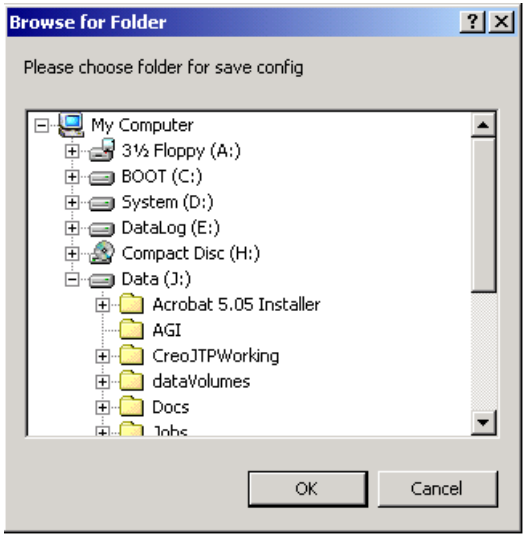
   It takes a few minutes for the settings to be saved.

To restore your settings:

1. Close CS Xpose.
2. From the **Start** menu, select **CS Xpose > Restore Settings from....**and click **Choose Folder.**



3. Browse to the location where you saved your settings (in Save settings to...).



4. Click **OK**.

   It takes a few minutes for the settings to be restored.

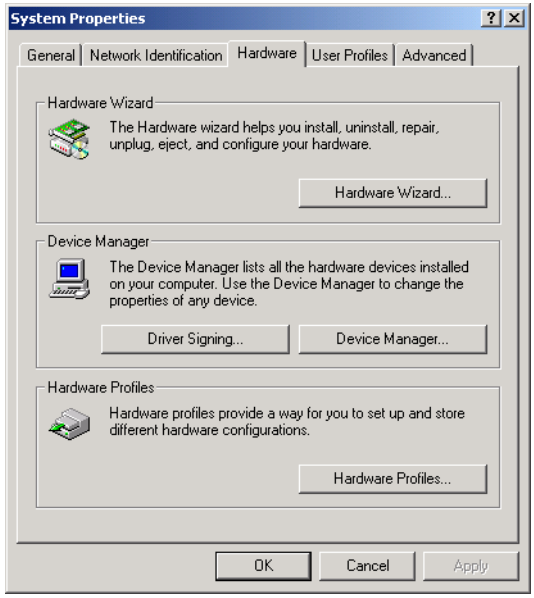
5. Open CS Xpose.

2.12 Checking the SCSI Connection

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

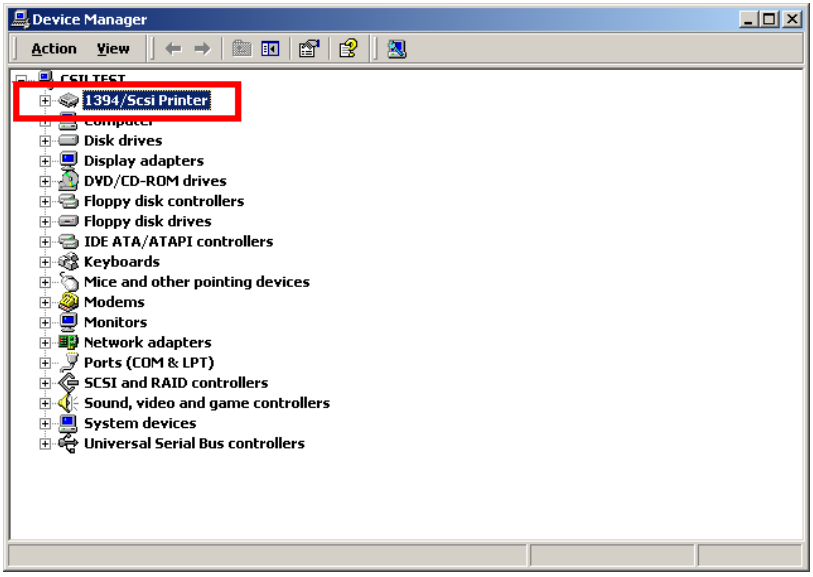
To check the SCSI connection:

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.

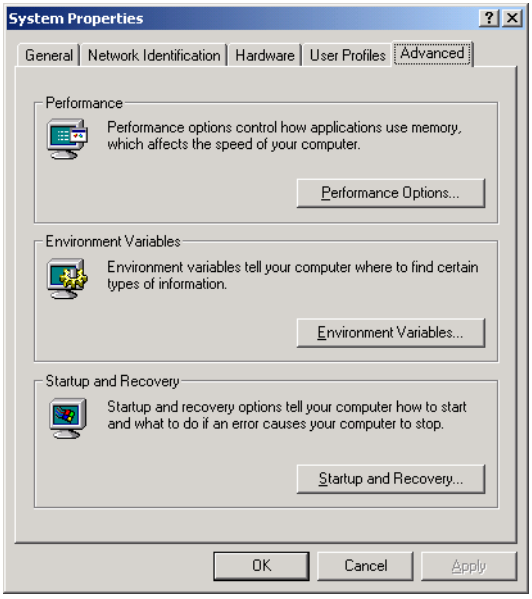
2.13 Running in Simulation Mode

Running in Simulation Mode without SCSI

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

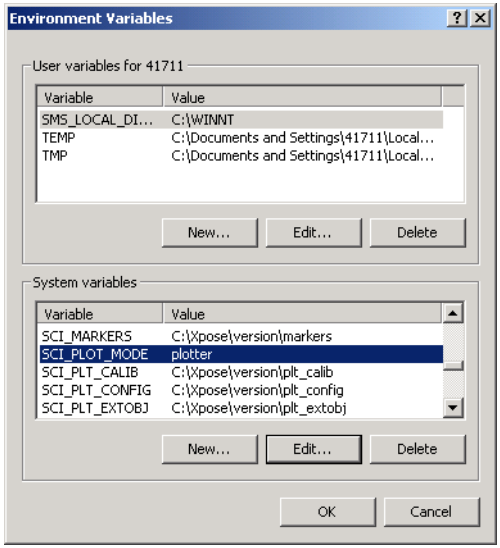
1. Right-click on the **My Computer** icon on the Prinergy workstation and select **Properties** from the shortcut menu.

   The System Properties dialog box appears.



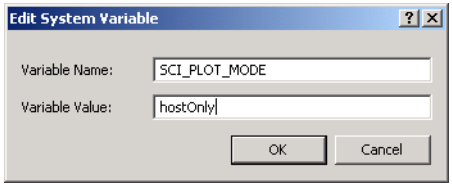
2. Select the **Advanced** tab.
3. Click **Environment Variables**.

   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**.

Running in Simulation Mode without SCSI and TCP/IP

If you want to prevent CS Xpose from checking for a SCSI connection , and you do not have an IP address for a Lotem Quantum device, you can open CS Xpose in simulation mode.

To run CS Xpose in simulation mode:

1. Install CS Xpose, and restart the workstation.
2. Browse to the **\Xpose\version\registry** folder.

3. Double-click **LotemSimulator.reg**.

   The Registry Editor dialog box appears.

4. Click **Yes** to begin configuring CS Xpose.
5. When prompted, click **OK**.
6. Browse to the **\Xpose\version\bin** folder.
7. Double-click **CSXpose_simulation_mode.bat** to run the bat file.

   CS Xpose automatically opens enabling you to send test jobs without connecting to a Lotem Quantum family device.

2.14 Modifying CS Xpose Preferences

Change the CS Xpose default preference settings from the **Start** menu>**Programs**>**CS Xpose**>**Preferences**.



See the CS Xpose online help for more information on modifying Preference settings.

3

Remote Support

Safety Precautions....52
Installing Remote Support....52
Activating Remote Support....54
Disabling Remote Support....57

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 800 II / Lotem Quantum workflow enables the customer to receive support remotely.

You obtain remote support on Prinergy via PC Anywhere. On the Lotem 800 II / 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 The Prinergy Render Station

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 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 800 II / Lotem Quantum, you obtain remote support via NetMeeting and VNC.

3.3.1 Activating Remote Support on The Prinergy Render Station

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 800 II / 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 800 II / 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 Activating Remote Support on The Lotem PC Controller

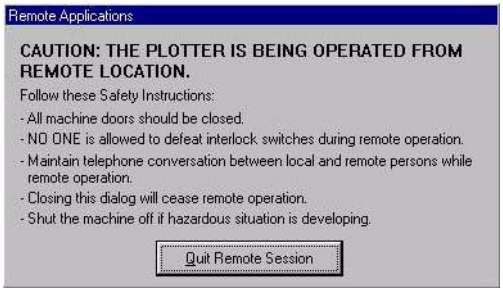
There are two methods to activating remote support on the Lotem PC Controller.

- 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 800 II / 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 800 II / 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 The Prinergy Render Station

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 800 II / Lotem Quantum

To disable remote support on the Lotem 800 II / 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

Prinergy to Lotem 800 II / Lotem Quantum Family Workflow

Connecting Prinergy to the Lotem 800 II / Lotem Quantum Family 60

Creating Process Plans to Use with Lotem 800 II / Lotem Quantum Family Devices....63

General Prinergy Workflow 68

Testing the Workflow 69

4.1 Connecting Prinergy to the Lotem 800 II / Lotem Quantum Family

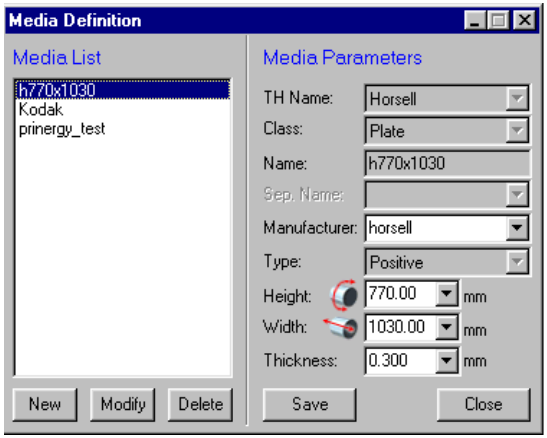
This section describes the general platemaking workflow in setting up the Prinergy 2.x to Lotem 800 II / Lotem Quantum family workflow.

- Before starting CS Xpose and Prinergy, you must define media in PC Controller. See *To define media:* on page 60.
- Once the required media definitions and preferences are defined in PC Controller you can configure Prinergy. See *To configure Prinergy to expose plates on a Lotem 800 II / Lotem Quantum family device:* on page 61.

To define media:

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

   The Media Definitions dialog box appears.



4. 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.
5. Click **Save**.
6. From the Preferences dialog box, set the measurement units and language default.

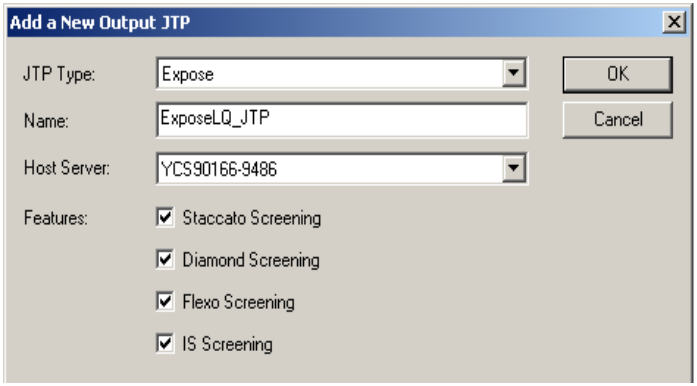
To configure Prinergy to expose plates on a Lotem 800 II / Lotem Quantum family device:

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 800 II / Lotem Quantum Family Devices* on page 63.

4.2 Creating Process Plans to Use with Lotem 800 II / Lotem Quantum Family Devices

This section describes how to create Prinergy final output process plans in a Prinergy 2.x to Lotem 800 II / Lotem Quantum family workflow.

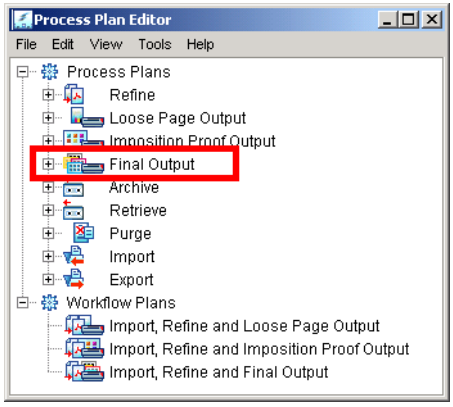
You need to create an output process plan for every media size you want to use on a Lotem 800 II / Lotem Quantum family device.

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 800 II / Lotem Quantum family device:

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

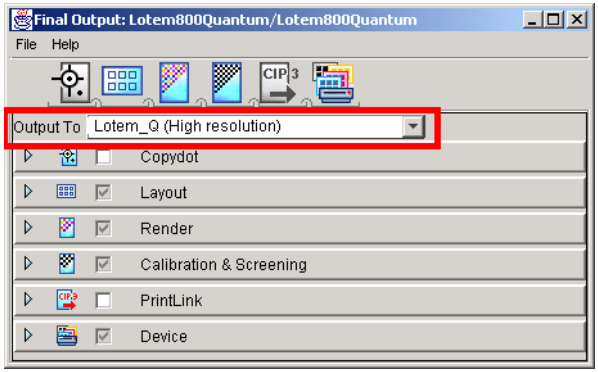
   The Process Plan Editor dialog box appears.



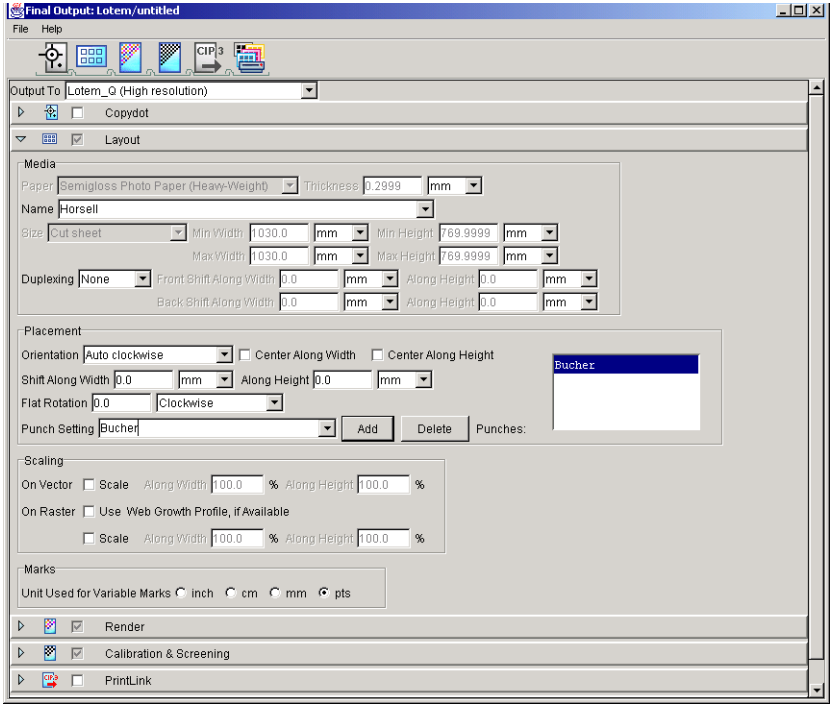
3. Highlight **Final Output.**
4. From the **File** menu, select **New Process Plan.**

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.



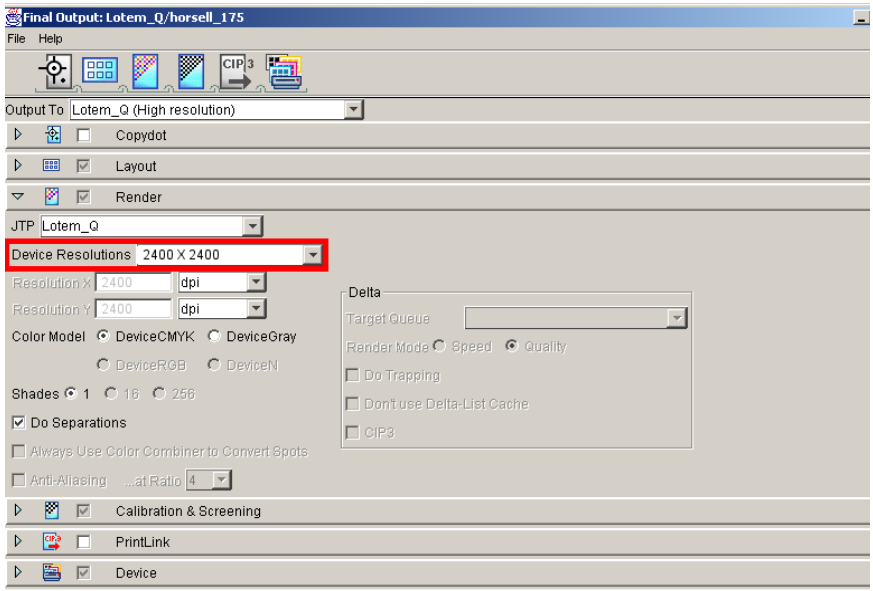
5. In the **Output To** box, select the name of the CS Xpose JTP.
6. Click the right-facing triangle on the **Layout** horizontal bar to display the **Layout** section.



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.

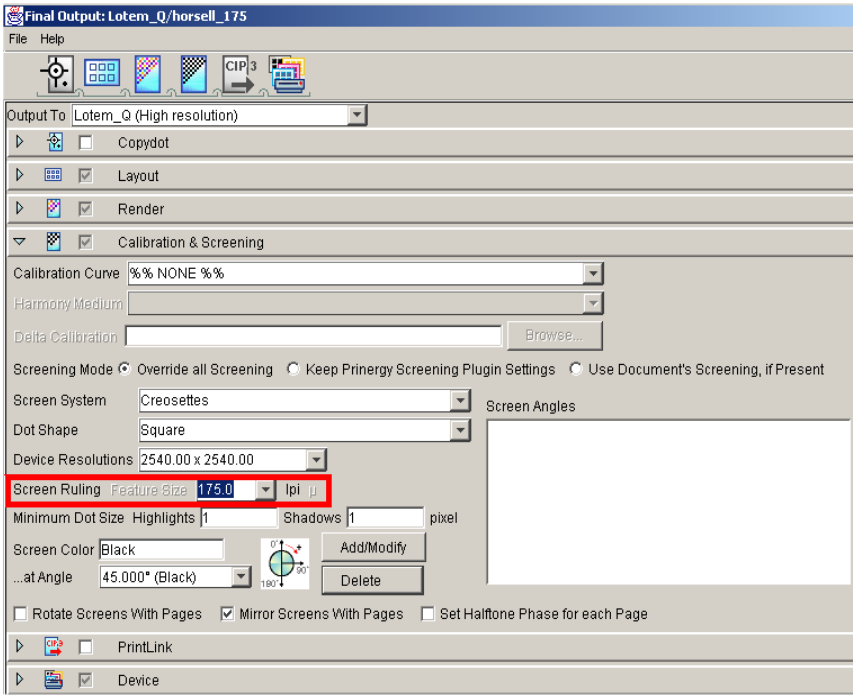
     For more information about Orientation, see *Orientation Settings* on page 75.
   - Select the **Center Along Width** check box.
   - Select the **Center Around Width** check box.
   - In the **Punches** box, select a punch option and click **Add**.

     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.



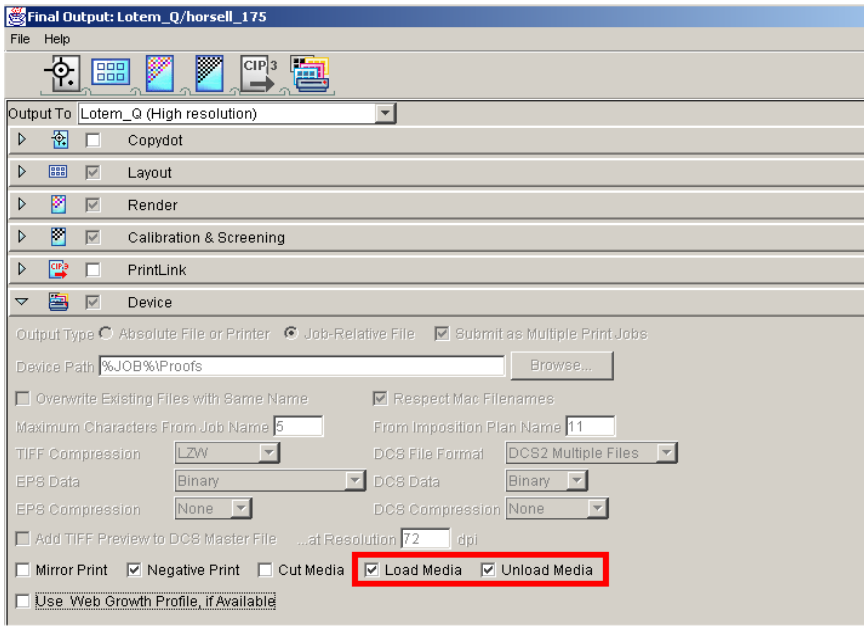
9. In **Device Resolutions** box, select the device resolution (2400 dpi or 2540 dpi).

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.

4.3 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 800 II / Lotem Quantum Family Devices* on page 63.

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.

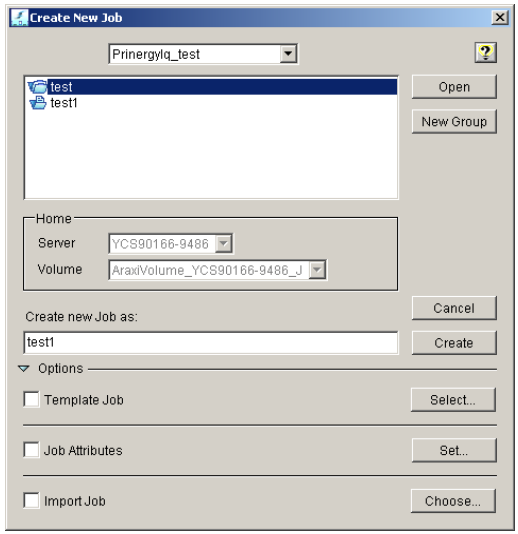
4.4 Testing the Workflow

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.

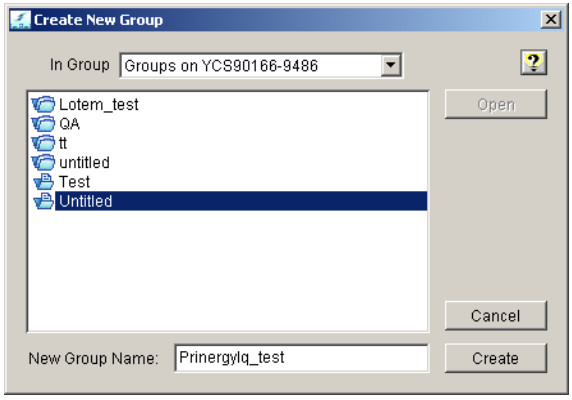
1. Start Prinergy Workshop.
2. From the **File** menu, select **New Job**.

   The Create New Job dialog box appears.



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

The New Group dialog box appears.



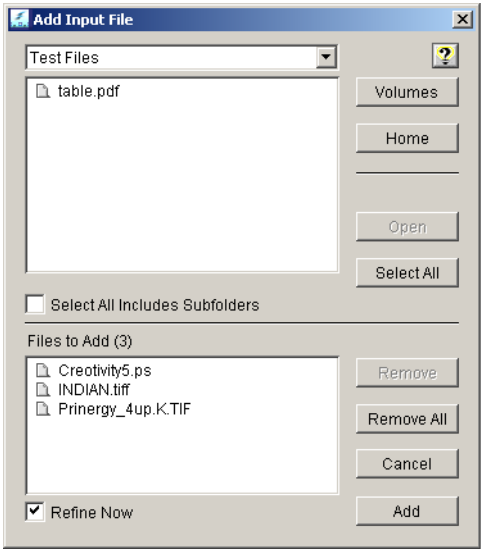
4. In the **New Group Name** box, type a group name.
5. Click **Create** to create the new group. The Create New Group dialog box closes.
6. In the Create New Job dialog box, in the **Create new name as** box, type a Job name.
7. Click **Create** to create the new Job.



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.

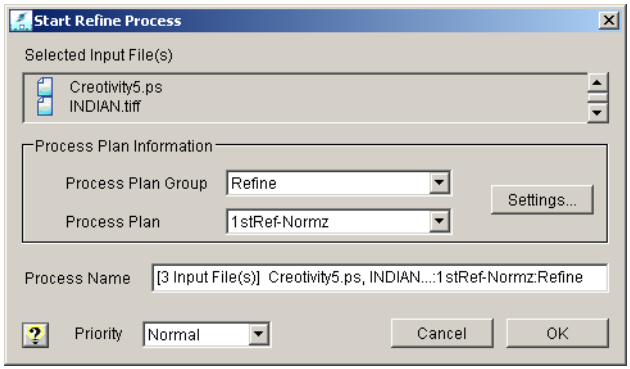


For more information, see the Adding Input Files topic in the Prinergy Workshop online help.

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

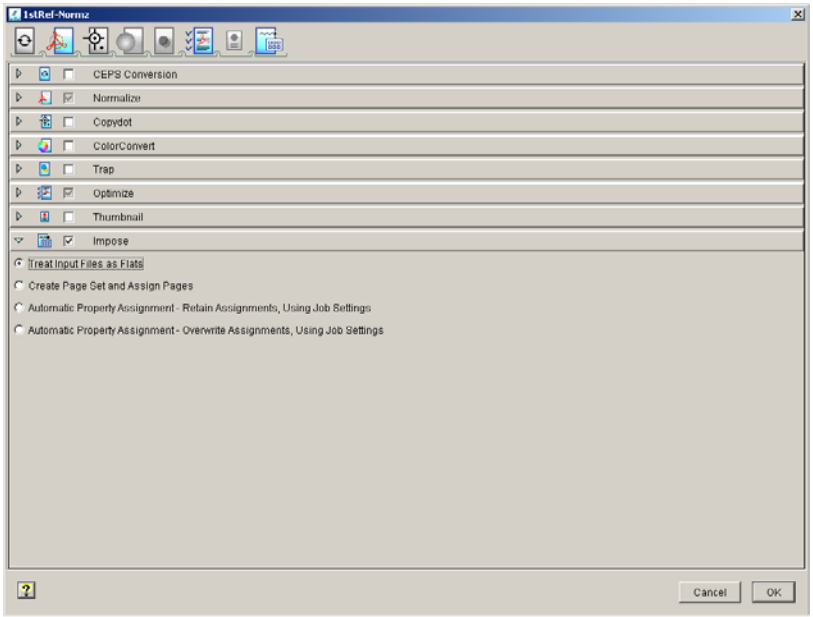
13. From the drop-down list, select a Refine option - for example - 1stRefNorm.

    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.

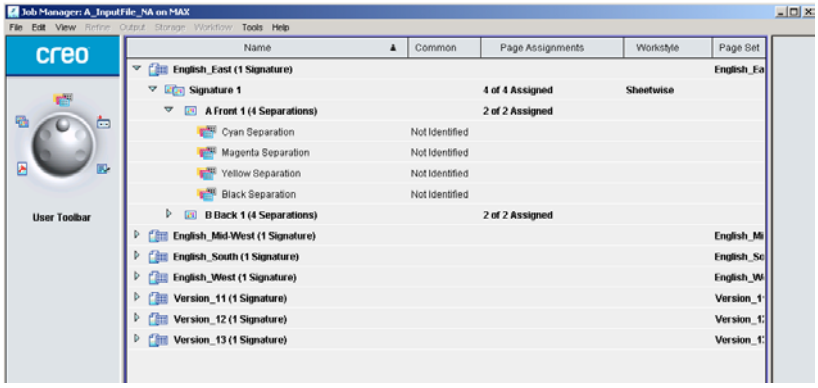
Note: When working with **Treat Input files as flat** selected, no screen sets, separation names, and file names appear on the plate.

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 800 II / 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 800 II / 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 800 II / Lotem Quantum family device, you need to create a final output process plan, as described in *Creating Process Plans to Use with Lotem 800 II / Lotem Quantum Family Devices* on page 63.

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 II / Lotem Quantum family device.

A

Orientation Settings

Setting Orientation Parameters in Prinergy for Postscript Files.....76
Setting Orientation Parameters in Prinergy for 1-bit TIFFs.....76

A.1 Setting Orientation Parameters in Prinergy for Postscript Files

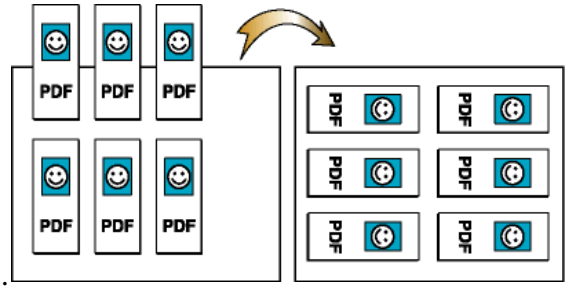
In Prinergy, the **Layout** section of the final output process plan includes an option called **Orientation**. This section describes how the orientation setting affects your job.

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 clockwise as a unit if rotating were to produce a better fit. For example:



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

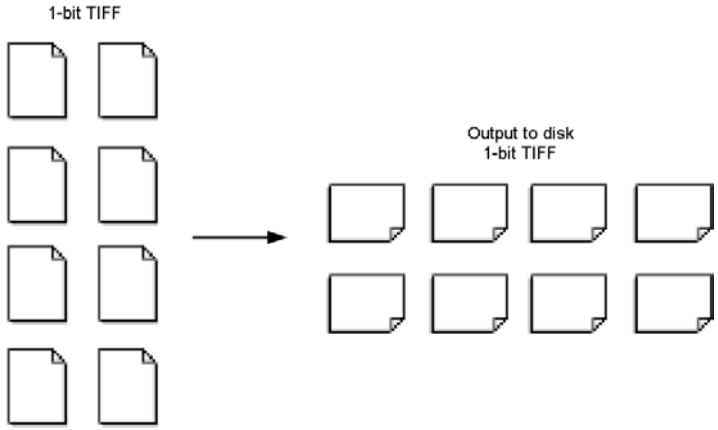
Selecting **0°**, **90°**, **180°**, or **270°** rotates an image the specified amount in a clockwise direction.

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

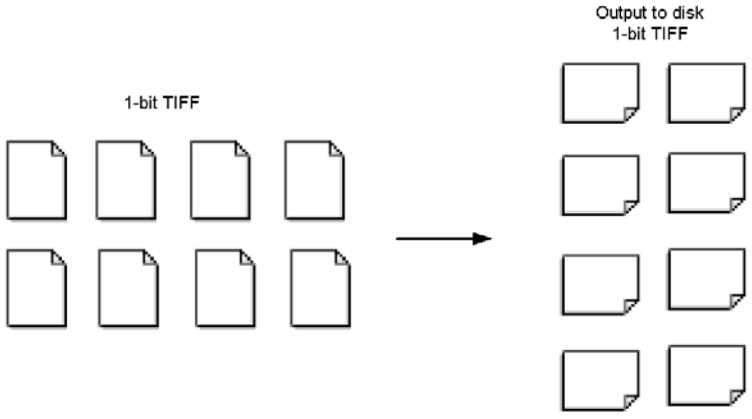
A.2 Setting Orientation Parameters in Prinergy for 1-bit TIFFs

1-bit TIFF files sent via CS Xpose from Prinergy to Lotem 800 II / Lotem Quantum are oriented differently from Prinergy PostScript or TIFF files that are sent directly to the Lotem 800 II / Lotem Quantum device for proofing or expose.

Prinergy automatically rotates the TIFF file 90°. Therefore, if your TIFF file is in portrait orientation, Prinergy will automatically rotate the file 90°, to landscape, when it outputs the file to disk.

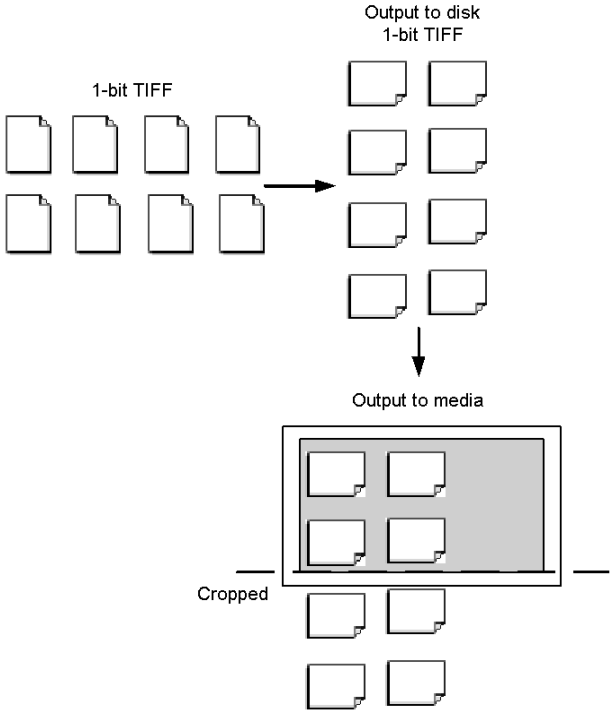


Or, if your TIFF file is in landscape orientation, Prinergy will automatically rotate the file 90°, to portrait orientation, when it outputs the file to disk.



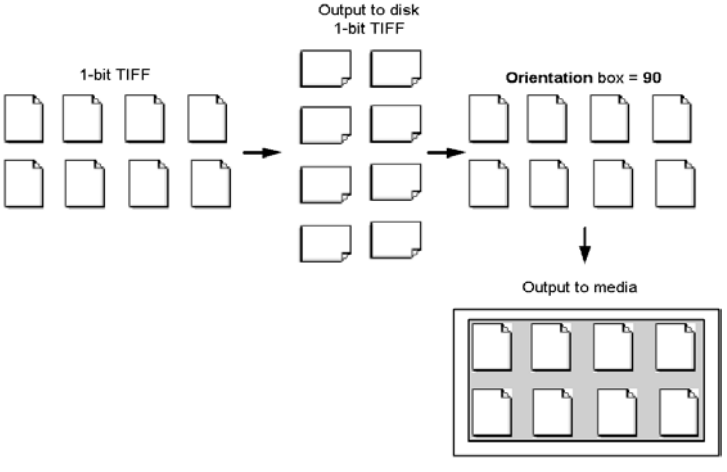
If the file's original orientation is the same as the media orientation, the file will be cropped when CS Xpose sends the TIFF file for expose or proof.

For example:



It is, therefore, recommended that if your file orientation is the same as the media orientation, in the TIFF final output process plan, in the **Layout** section, in the **Orientation** box, you select 90**°.**

For example:



B

Troubleshooting

Troubleshooting Installation Problems.....80
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B.1 Troubleshooting Installation Problems

This section describes installation troubleshooting solutions.

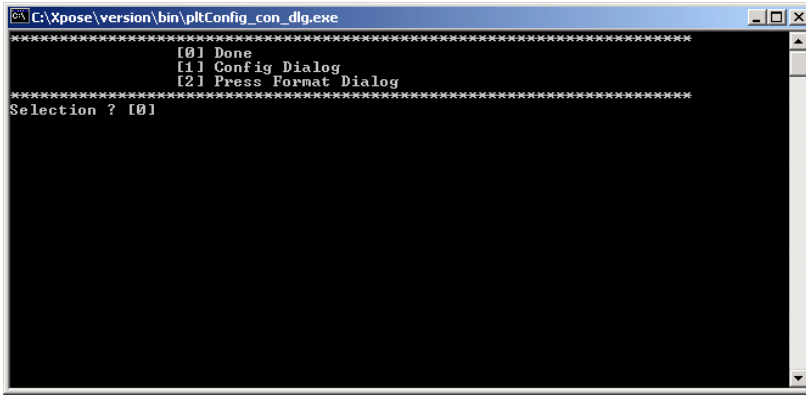
B.1.1 Can't Reconfigure Device

After upgrading CS Xpose (see *Activating The CS Xpose 3rd Party TIFF Workflow License* on page 31), 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:

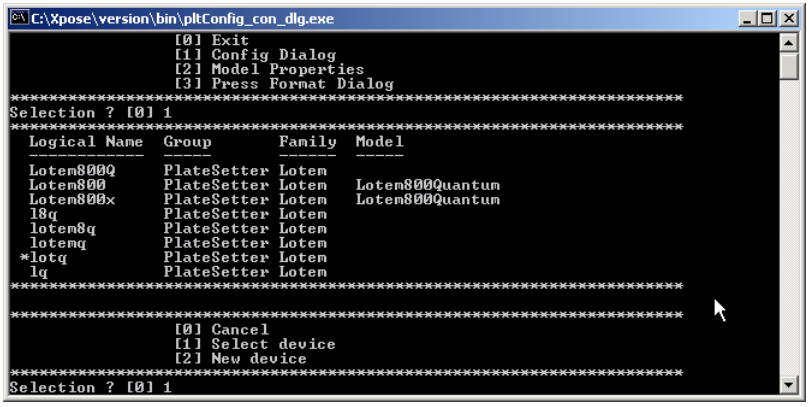
1. On the Prinergy Workstation, open Windows Explorer.
2. In \Xpose\version\bin\, double-click `pltConfig_con_dlg.exe`.

   The Config DOS window appears.

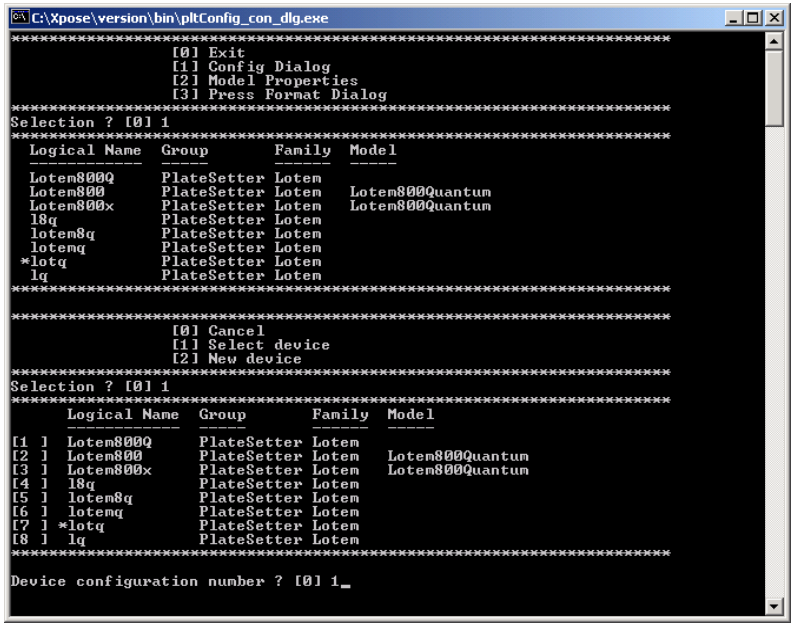


3. In the **Selection ?** row, type **1** and press ENTER.

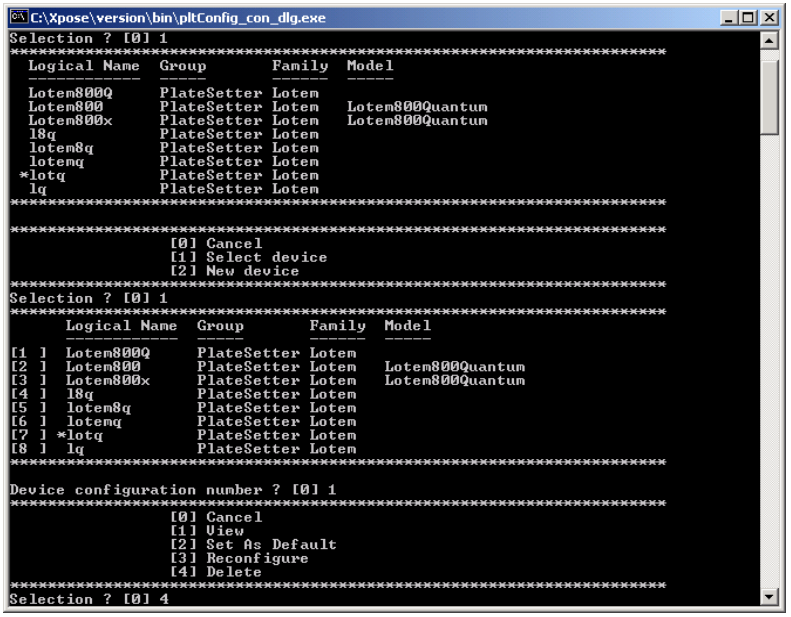
   A list of the configured devices appears in the window.



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.

B.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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