Connectivity
Installation Guide

English

Prinergy to Dolev 800V Family

version 2.0

399Z3R882A

www.creo.com

Prinergy to Dolev 800V Family

version 2.0

Connectivity Installation Guide

creo™

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RE37,376	5,283,140	5,517,359	5,699,740	5,969,872	6,134,393	6,283,589
4,456,924	5,291,273	5,519,852	5,708,736	5,973,801	6,136,509	6,295,076
4,500,919	5,323,248	5,526,143	5,713,287	5,986,819	6,137,580	6,299,572
4,558,302	5,325,217	5,532,728	5,742,743	5,995,475	6,147,789	6,318,266
4,743,091	5,339,176	5,561,691	5,764,374	5,996,499	6,158,345	6,340,817
4,992,864	5,343,059	5,568,595	5,764,381	5,998,067	6,159,659	6,352,816
5,049,901	5,355,446	5,576,754	5,771,794	6,003,442	6,164,637	6,353,216
5,079,721	5,359,451	5,579,115	5,785,309	6,014,471	6,180,325	6,366,339
5,081,617	5,359,458	5,592,309	5,802,034	6,016,752	6,181,362	6,371,026
5,103,407	5,367,360	5,594,556	5,813,346	6,031,932	6,181,439	6,377,739
5,111,308	5,384,648	5,600,448	5,818,498	6,043,865	6,186,068	6,387,597
5,113,249	5,384,899	5,608,822	5,854,883	6,060,208	6,189,452	6,396,422
5,122,871	5,412,491	5,615,282	5,861,904	6,063,528	6,191,882	6,396,618
5,124,547	5,412,737	5,625,766	5,861,992	6,063,546	6,204,874	6,407,849
5,132,723	5,420,702	5,636,330	5,875,288	6,072,518	6,208,369	6,414,755
5,150,225	5,420,722	5,649,220	5,894,342	6,090,529	6,214,276	6,422,801
5,153,769	5,459,505	5,650,076	5,900,981	6,096,461	6,217,965	6,435,091
5,155,782	5,473,733	5,652,804	5,934,196	6,098,544	6,252,522	
5,157,516	5,481,379	5,680,129	5,942,137	6,107,011	6,260,482	
5,208,818	5,488,906	5,691,823	5,946,426	6,112,663	6,266,080	
5,208,888	5,497,252	5,691,828	5,947,028	6,115,056	6,266,134	
5,247,174	5,508,828	5,696,393	5,958,647	6,121,996	6,267,054	
5,249,067	5,509,561	5,699,174	5,966,504	6,130,702	6,268,948	

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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® 2.1 to Dolev® 800V, 800V^2, and 800V^3, to be referred to in the rest of this manual as the Prinergy to Dolev 800V family workflow. It explains how to connect Prinergy to the Dolev 800V 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 Dolev 800V family 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.
- You have read the Prinergy 2.1. and Dolev 800V family documentation and have a basic understanding of both systems.

Additional Documentation



Prinergy 2.x to Lotem Quantum Family Connectivity User Guide

Prinergy Onsite Client Installation Manual

Harmony User Guide—provides information on how to create excurve calibration curves

Dolev 800V^3/800V^4 User Guide—provides information on working with the Dolev 800V^3 device

Dolev 800/800V User Guide—provides information on working with the Dolev 800, Dolev 800V, and Dolev 800V² devices

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.



This symbol indicates that related information on the topic is available in the online help.

PDF Document

This manual is 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 the Prinergy to Dolev 800V Family Connectivity Workflow

The Prinergy to Dolev 800V family workflow combines the workflow of Prinergy and the features of a Dolev 800V family device (for example, Dolev 800).

Basically, Prinergy sends raster data to the Dolev 800V family imagesetter. CS Xpose acts as the pipeline between Prinergy and the Dolev. Job tickets are created in Prinergy and sent via hot folders, or local or network folders to CS Xpose, and then to the Dolev 800V family imagesetter.

The Prinergy to Dolev 800V family indirect TIFF workflow proceeds as follows:

1. In CS Xpose, calibrate the laser resolution and intensity in the Dolev 800V family imagesetter.



See the CS Xpose online help for more information on calibrating the laser resolution and intensity.



Note: You usually calibrate when you first install your system and when you change media vendors. Resolution and intensity calibration is important but not part of a daily workflow.

2. Define your templates
3. Configure your hot folders and attach a template to the hot folder.

   See the *Prinergy to Dolev 800V family Connectivity User Guide* or CS Xpose online help for more information on defining templates and configuring hot folders.

4. In the Prinergy workstation, create job tickets. See *Connecting the Prinergy Workstation to a Dolev 800V Family Imagesetter* on page 8.
5. Create process plans. See *Creating TIFF Output Process Plans in Prinergy* on page 44.
6. Expose Prinergy jobs on the Dolev 800V family imagesetter.
7. View the job process.

1.2 Workflow Components

To run the Prinergy to Dolev 800V family workflow, you need the following components:

- Dolev 800V, Dolev 800V^2, or Dolev 800V^3
- Prinergy Connect 2.1 software (running on a PC platform)
- CS Xpose 2.0.x (running on the same workstation as the Prinergy Connect software, or running on the secondary server if there is more than one Prinergy server)
- For the Dolev 800V, and 800V^2, a TSP 75 board
- For the Dolev 800 V^3, a TSP 100 board
- TSP socket
- TSP plotter cable
- If submitting third party TIFF files, you need a CS Xpose third party TIFF license

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?

CS Xpose resides on the Prinergy workstation as stand-alone software. CS Xpose connects the Prinergy workstation to the Dolev 800V family imagesetter.

CS Xpose acts as the pipeline between Prinergy Connect and the Dolev 800V family imagesetter. CS Xpose enables Prinergy to read the media configured and the supported resolutions in the Dolev 800V family imagesetter, and to send raster data to the Dolev 800V family imagesetter to be exposed.

CS Xpose creates an indirect 1-bit TIFF workflow from Prinergy Connect to the Dolev 800V family imagesetter device via hot folders and job ticket templates defined in CS Xpose. In Prinergy, you output your imposed 1-bit TIFF job to a CS Xpose hot folder that has a template attached, or network or local folder. CS Xpose applies the media, layout, and expose parameters defined in the job ticket template to the job, and then sends the job, via the TSP board and cable, to the Dolev 800V family imagesetter.

1.5 What Is the Dolev 800V Family?

The Dolev 800V family of imagesetters consists of the Dolev 800 V, Dolev 800 V^2, and Dolev 800 V^3.

The imagesetter uses laser optics to image film or polyester plates.

During normal use, once exposure starts, there is no need for operator intervention since all functions are performed automatically.

The Dolev 800V family imagesetter handles high-volume film output of color and black-and-white pages of text and graphics, and it processes this data to produce high-quality film output.

Media can be continuously exposed in single or multiple runs, without operator intervention.

Procedures for film exposure are controlled by the Dolev 800V family imagesetter micro controller.

A punch option enables you to define customized registration marks. This function is especially important when preparing film for impositioning.

The film is automatically cut, exposed, and unloaded into a removable output cassette. At the end of a work session, the cassette is taken to a film processor for development. An optional internal conveyor and inline processor can be used for continuous film development.

Dolev 800V family imagesetter prepares plate-ready separation film to copy directly to plate. Files are transferred from the workstation to the imagesetter and exposed to the film. The film is then transferred to the plate department.

2

CS Xpose Installation and Upgrade

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2.1 Connecting the Prinergy Workstation to a Dolev 800V Family Imagesetter

This section describes connecting Prinergy to a Dolev 800V family device. The basic installation connectivity workflow is as follows:

1. Connect Prinergy via the TSP board cable link. See *Connecting Prinergy Via the TSP Cable Link* on page 8.
2. Install CS Xpose on the Prinergy workstation. See *Installing CS Xpose* on page 10.



Important: If the Prinergy workstation has the Brisque Agent software application installed, you must uninstall it before installing CS Xpose. Otherwise, CS Xpose will not install.

3. Install the CS Xpose sample files in the **DataVolumes** folder (the default is J drive). See *Installing the CS Xpose Sample Files* on page 19.
4. Configure CS Xpose. See *Configuring CS Xpose* on page 34.
5. Verify the connection between Prinergy and a Dolev 800V family device. See *Checking the Installation of the TSP Board* on page 32.

2.1.1 Connecting Prinergy Via the TSP Cable Link

After installing Prinergy on the workstation and before you install CS Xpose, you need to install the TSP cable connection between the Prinergy workstation and the Dolev 800V family imagesetter device.

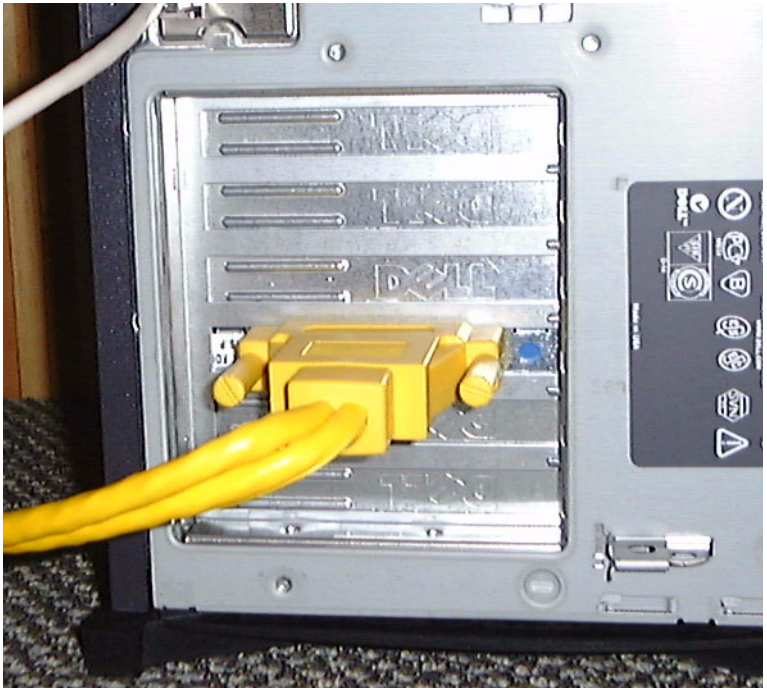
To install the TSP cable:

1. Shut down the Dolev 800V family imagesetter.
2. Shut down the Prinergy Workstation.

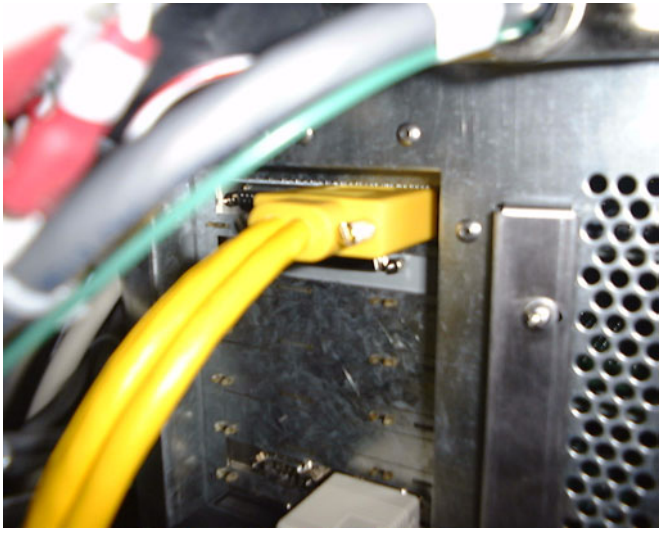


Attention: You must shut down the Dolev 800V family imagesetter and the Prinergy workstations before connecting the TSP cable. If you do not shut down the device and workstation, the TSP will not connect properly, and you will have to reinstall it.

3. On the Prinergy Dell workstation, connect the TSP plotter cable to the TSP board.



4. On the Dolev 800V family imagesetter, open the right-hand side door, and connect the TSP plotter cable to the TSP board.



5. Turn on the Dolev 800V family imagesetter.
6. Turn on the Prinergy Workstation.
7. Install and configure CS Xpose. See *Installing CS Xpose* on page 10 for more information.
8. Check the TSP connection. See *Checking the Installation of the TSP Board* on page 32 for more information.

2.2 Installing CS Xpose

When installing CS Xpose on the Prinergy workstation you can install it for the first time or upgrade the existing software.

2.2.1 Installing CS Xpose for the First Time

When installing CS Xpose for the first time on a Prinergy workstation, separately install 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 for the first time.

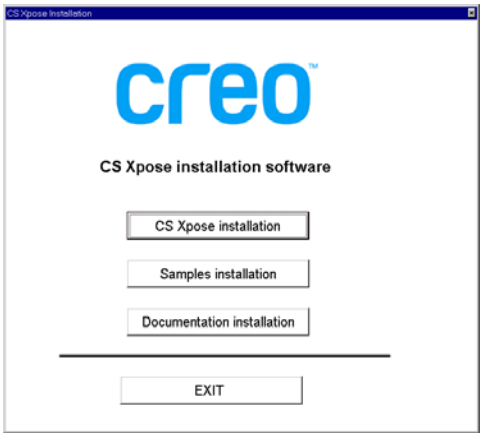


Important: If the Prinergy workstation has the Brisque Agent software application installed, you must uninstall it before installing CS Xpose. Otherwise, CS Xpose will not install.

To install CS Xpose:

1. Insert the software CD-ROM into the CD-ROM drive.

   The CS Xpose installation wizard appears.

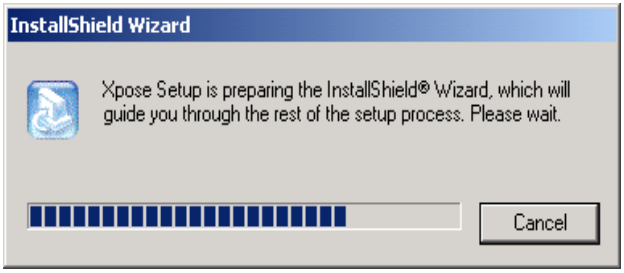


2. From the installation wizard, select the **CS Xpose Installation** button.

   The CS Xpose installation application starts.

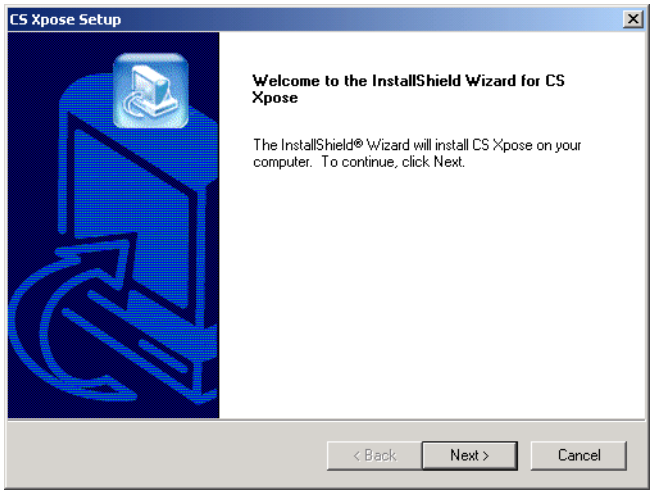


   The InstallShield Wizard appears.

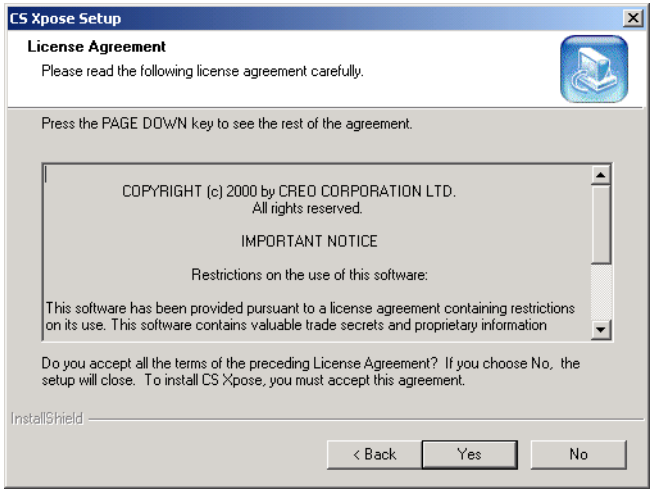


3. In the CS Xpose Setup dialog box, click **Next.**

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 16.

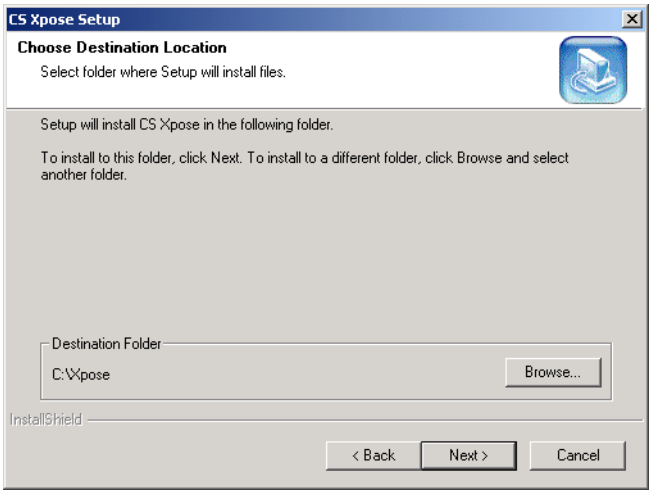


The Software License Agreement dialog box appears.



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

The Choose Destination Location dialog box appears.



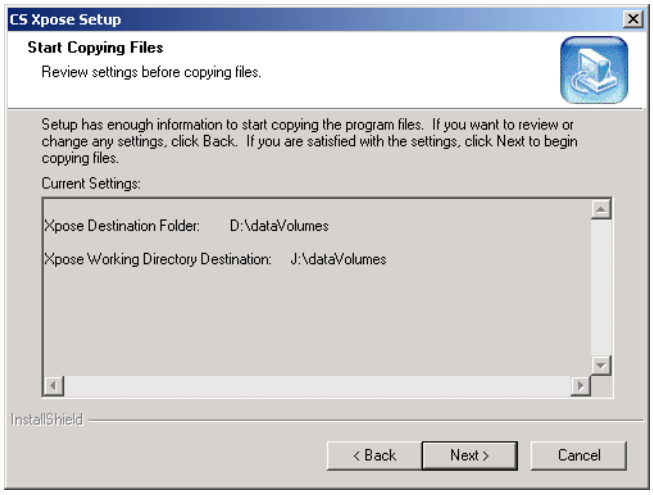
6. If you want to change the destination folder:
   a. In the **Destination Folder** box, click the **Browse** button.

      The Choose Folder dialog box appears.

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

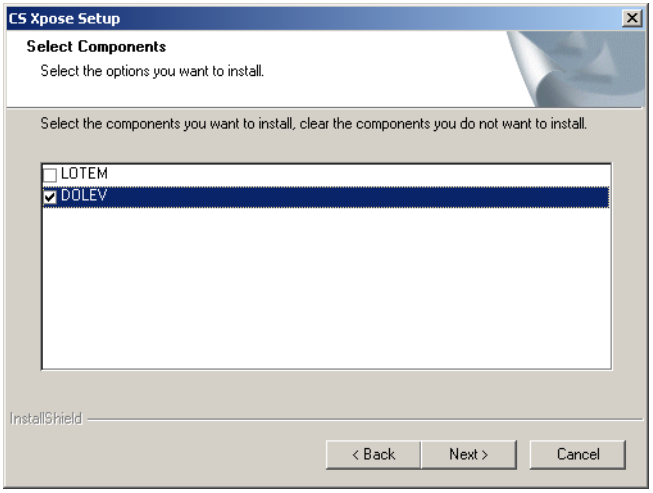
      The **Destination Folder** box displays the new path.
7. Click **Next**.

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



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

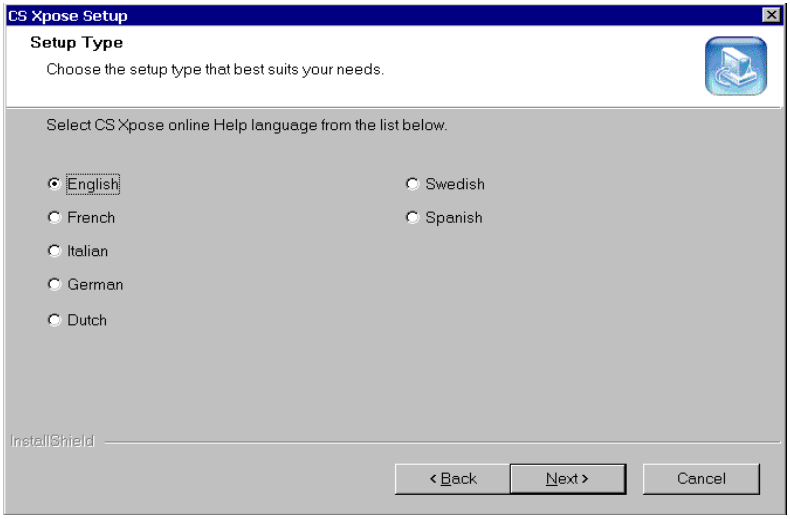
   The Select Components dialog box appears.



10. Select the **Dolev** check box to connect to a Dolev 800V family device.
11. Click **Next**.

    CS Xpose installs the necessary components for the selected device.

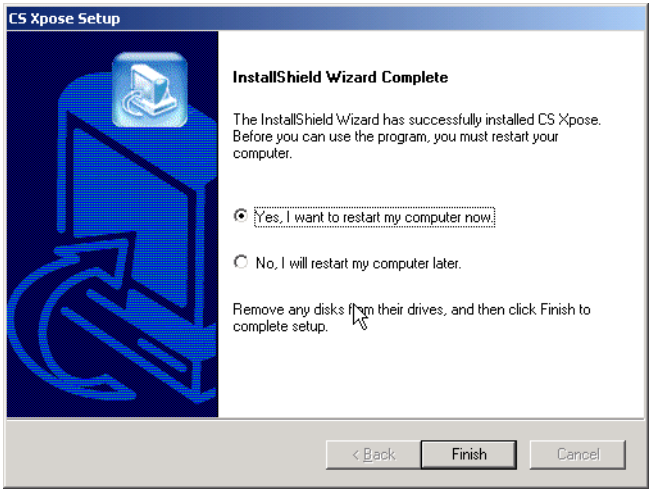
    The Online Help Installation dialog box appears.



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 InstallSheild Wizard Complete dialog box appears.



15. Select the **Yes I want to restart my computer now** option.



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, restart the workstation.

16. Click **Finish**.

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

2.3 Changing the J:/DataVolumes Drive

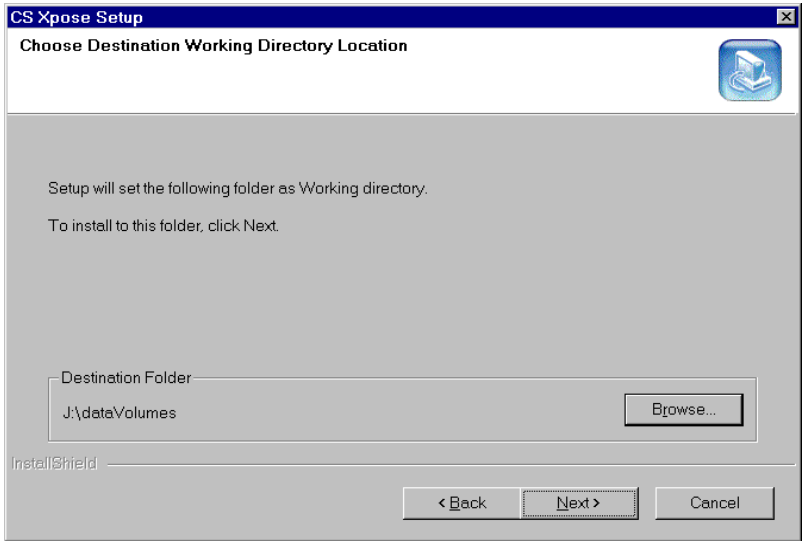
If your system does not support the J drive, you can change the Xpose Working Directory Destination drive (default is J), but only during the initial installation of CS Xpose

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:

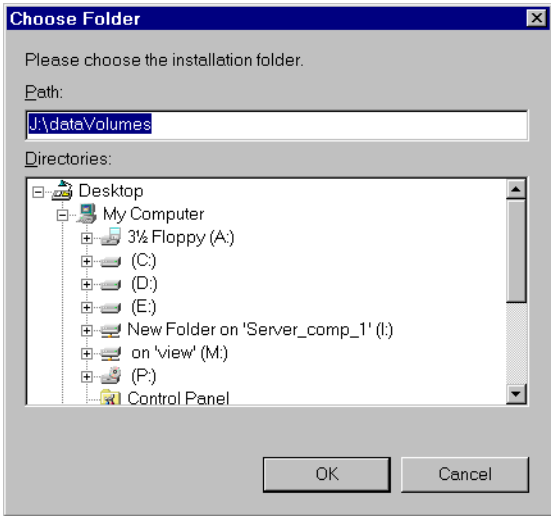
1. Follow steps 1 to 5 in the procedure *Installing CS Xpose* on page 10.
2. Click **Next**.
3. If there is no J drive on your system, an error message appears.
4. Click **OK**.

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.

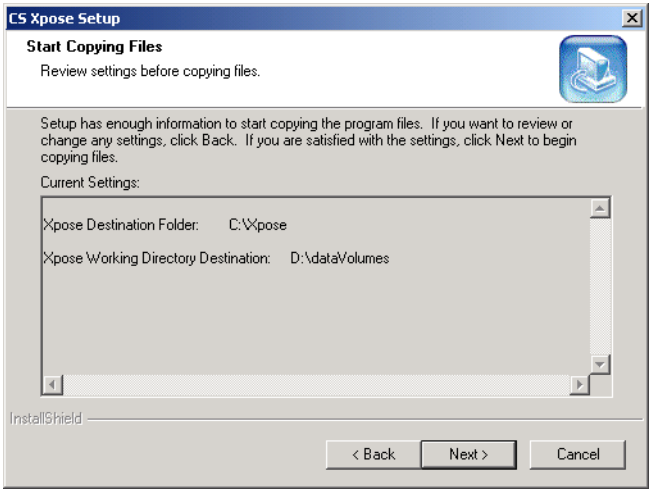
   Or, in the **Path** box, type a new destination.

7. Click **OK**.

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

8. Click **Next**.

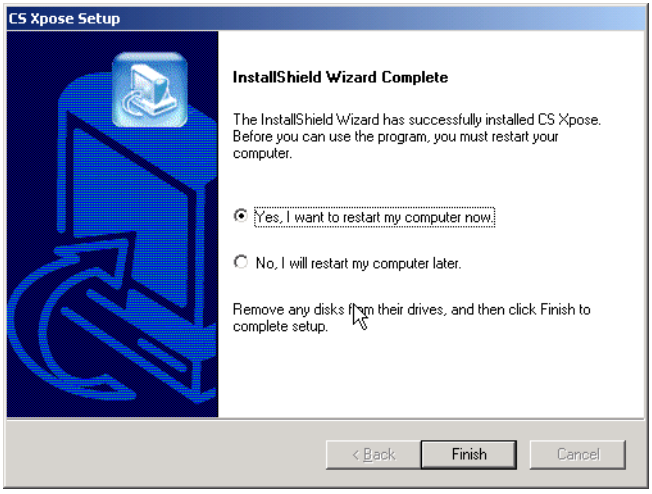
   The Start Copying Files dialog box appears, displaying the current settings.



9. Verify that the destination paths are correct.

10. Click **Next**.

    The Install Shield Wizard Complete dialog box appears.



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

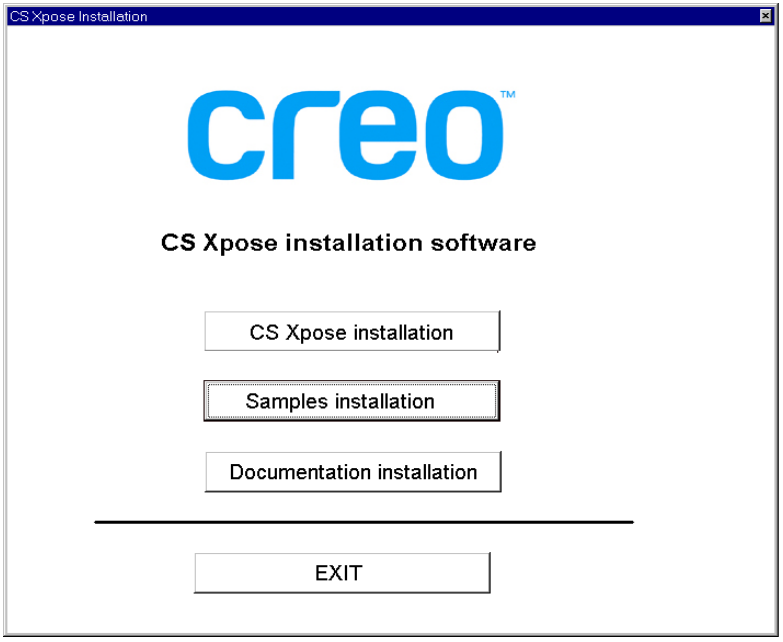
2.4 Installing the CS Xpose Sample Files

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.

To install the sample files:

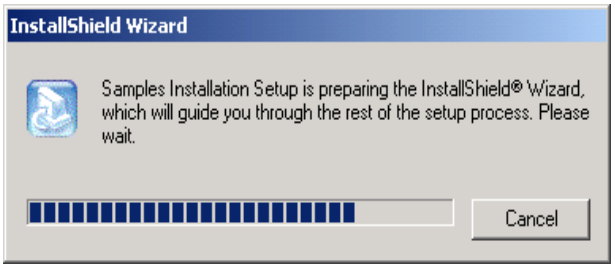
1. Insert the software CD-ROM into the CD-ROM drive.

   The CS Xpose installation wizard appears.

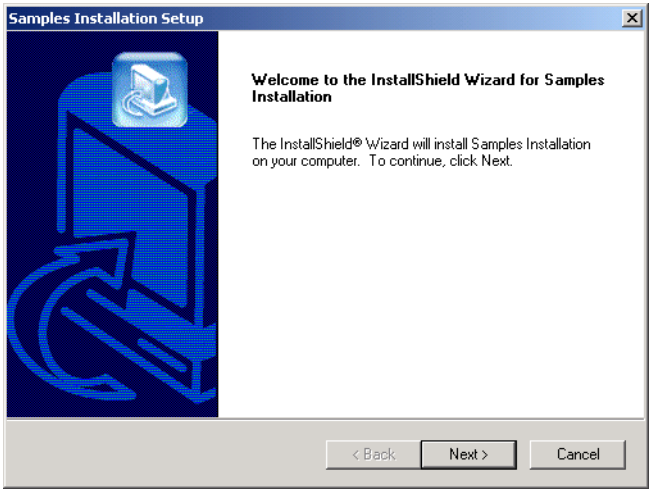


2. Click the **Samples installation** button.

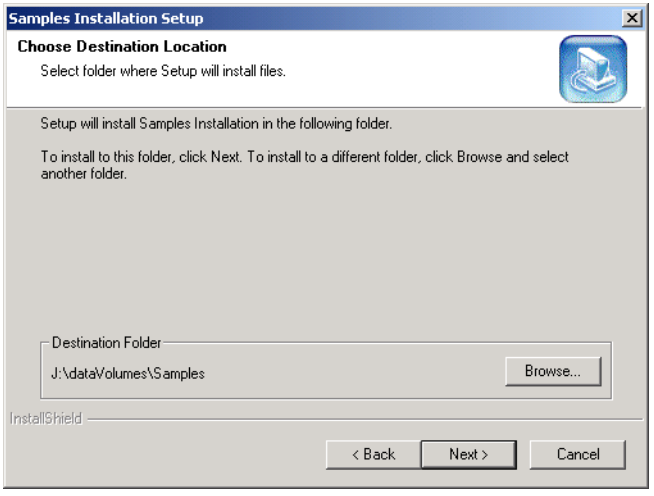
   The InstallShield Wizard appears.



3. In the Welcome to the InstallShield Wizard for Samples Installation dialog box, click **Next.**



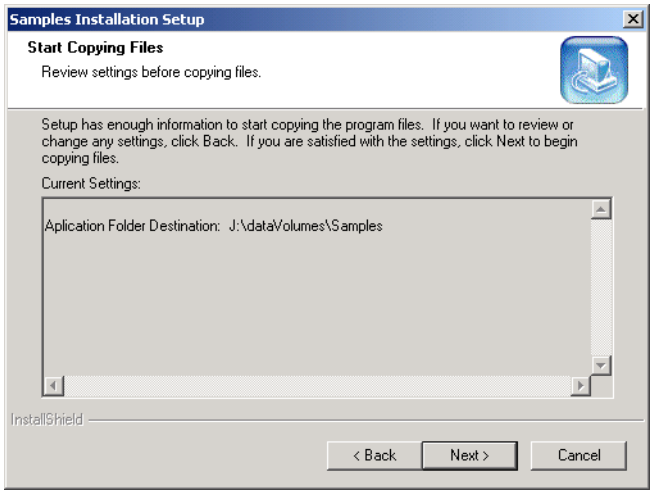
The Choose Destination Location dialog box appears.



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**.

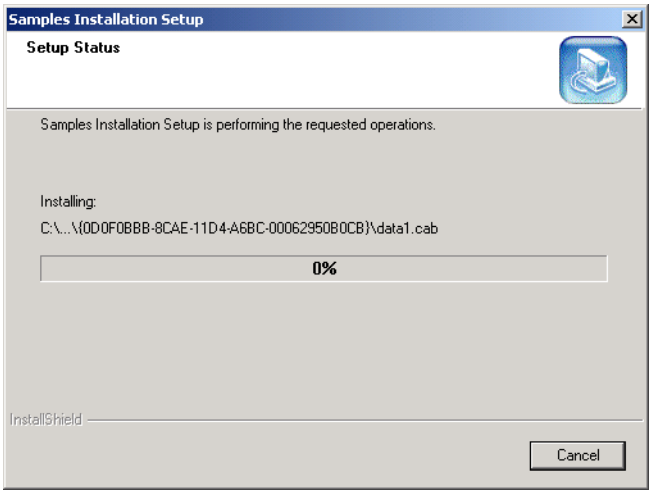
      The new path appears in the **Destination Folder** section.
6. Click **OK**.
7. Click **Next**.

   The Start Copying Files dialog box appears.



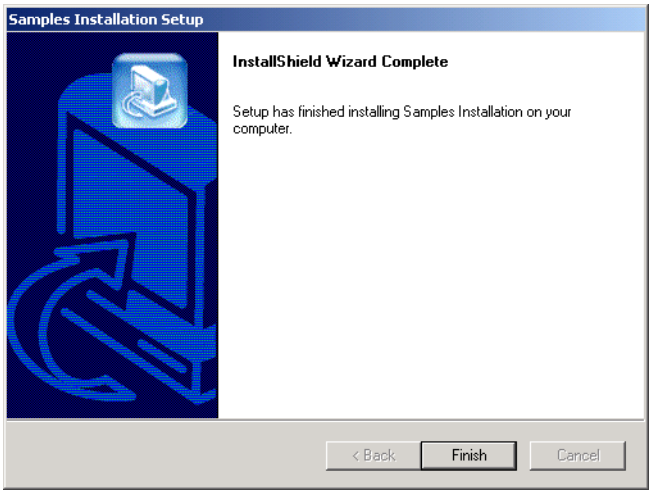
8. Check the **Current Settings** box to make sure the settings are correct.
9. If the settings need to be changed, click **Back**.
10. If the settings are correct, click **Next.**

    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 InstallShield Wizard Complete dialog box appears.



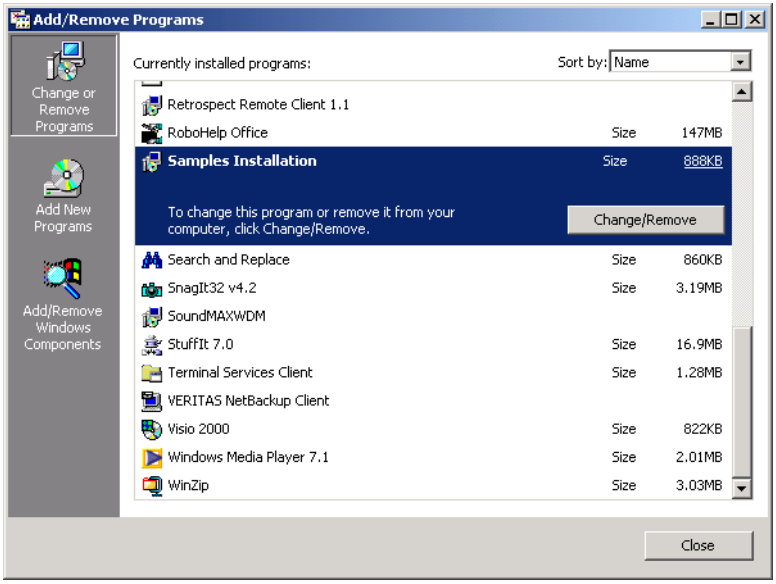
12. Click **Finish.**
13. Remove the software CD-ROM from the CD-ROM drive.
14. Restart the workstation.

2.4.1 Uninstalling the Sample Files

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

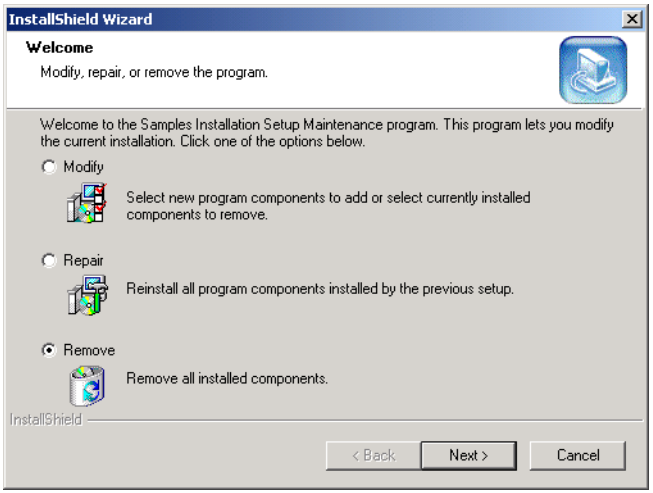
To uninstall sample files:

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.

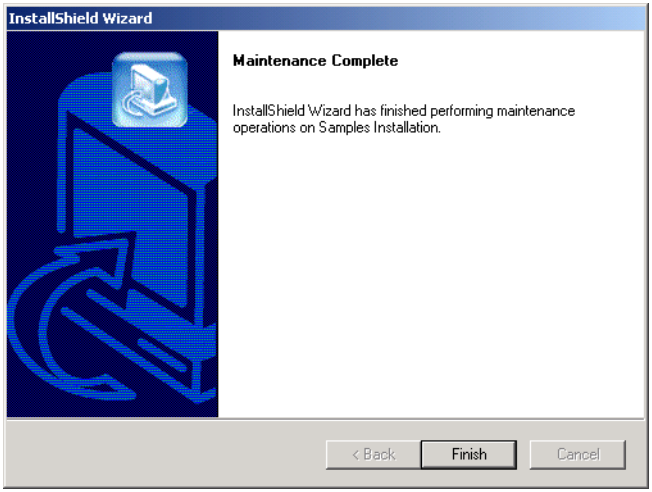
   The InstallShield wizard appears.



5. Click the **Remove** option.
6. Click **Next.**

   A Message prompt dialog box appears.
7. Click **OK** to confirm the deletion of the sample files.

   The Maintenance Complete dialog box appears.



8. Click **Finish**.

   The sample files are deleted.

2.5 Installing Documentation

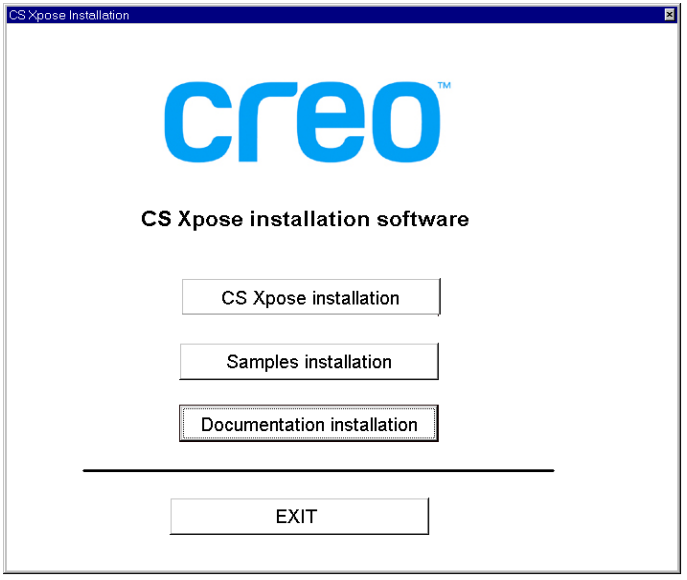
Once you have installed the CS Xpose software and sample files, open and save the appropriate *Prinergy to Dolev 800V family Connectivity User Guide* language pdf and the English *Prinergy to Dolev 800V family Connectivity Installation Guide* pdf.

The *Prinergy to Dolev 800V family Connectivity User Guide* has been translated into the following languages: simplified Mandarin, traditional Mandarin, French, German, Italian, Spanish, Dutch, and Swedish.

To open the documentation:

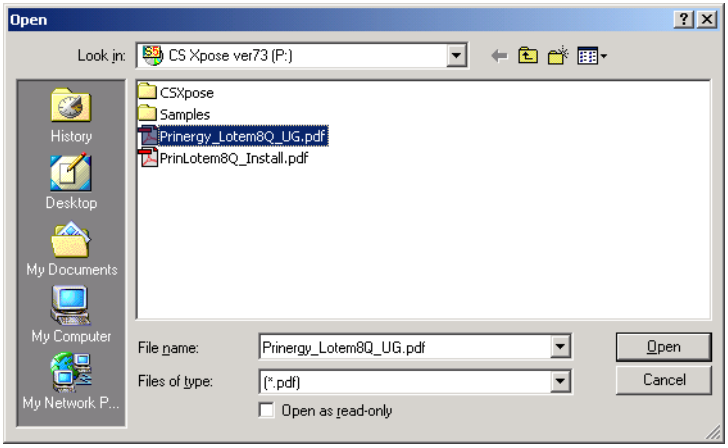
1. Insert the software CD-ROM into the CD-ROM drive.

   The CS Xpose installation wizard appears.



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

The Open dialog box appears.



3. Select a .pdf file.
4. Click the **Open** button.

   Adobe Acrobat Reader opens and the document appears.

To save the document to your workstation.

1. In the Abode Acrobat Reader with the PDF file open, select **File** menu>**Save As**.
2. In the Save As dialog box, select a directory and click **Save**.

   The PDF file saves to the directory specified.

2.6 Activating the CS Xpose Third-Party TIFF Workflow License

To activate the CS Xpose third-party TIFF workflow license, you need to install the license software agreement.

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

2.6.1 Installing the CS Xpose Third-Party TIFF Workflow License Software

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

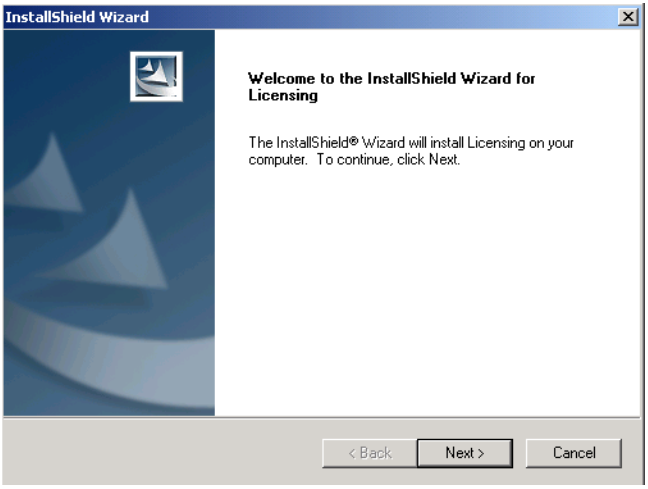
To install the license software:

1. Insert the CS Xpose license software CD-ROM into the CD-ROM drive.

   The CS Xpose license installation wizard appears.

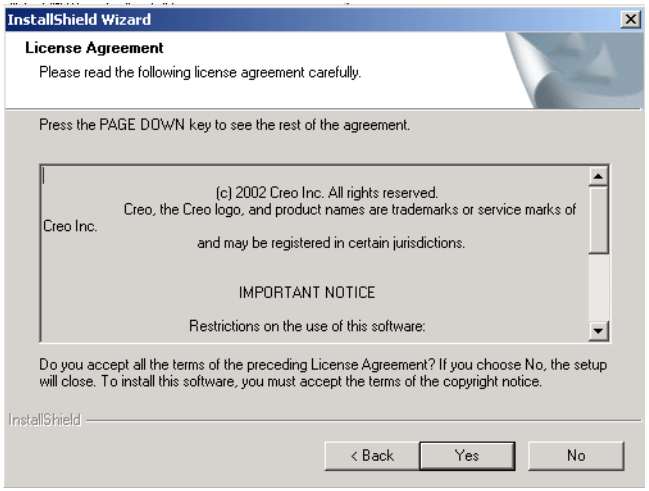


   The Install Shield wizard appears.



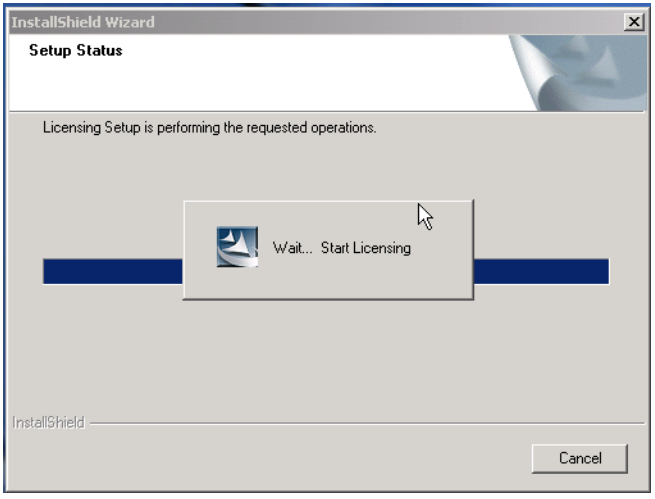
2. Click **Next**.

   The License Agreement dialog box appears.



3. Read the license agreement.
4. Click **Yes**.

   The Setup Status dialog box appears, displaying the status of the license software installation.



   After the license software is installed, a confirmation message appears.

5. Click **OK**.

   CS Xpose is now licensed to support third-party TIFF files.

2.7 Upgrading CS Xpose

When upgrading CS Xpose, perform the following:

1. Remove the existing CS Xpose.

   See *Removing CS Xpose* on page 29.

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

   See *Installing CS Xpose* on page 10.

4. Reboot the workstation.
5. Configure CS Xpose.

   See *Configuring CS Xpose* on page 34.

6. Restore the template and hot folder settings from the previous version.

   See *Restoring Configuration Settings After an Upgrade* on page 37.

7. Check the connection.

   See *Checking the Installation of the TSP Board* on page 32.

8. Start CS Xpose.

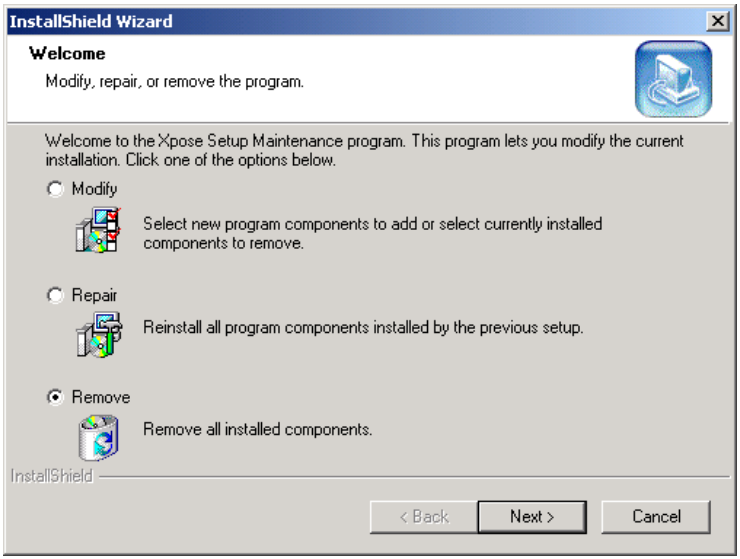
2.8 Removing CS Xpose

You must remove CS Xpose before you upgrade the CS Xpose software version.

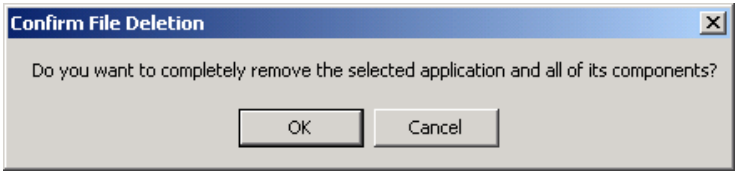
To remove CS Xpose:

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.

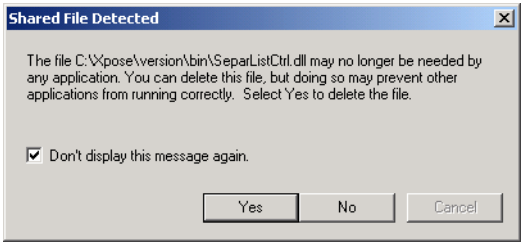
   The InstallShield Wizard dialog box appears.



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

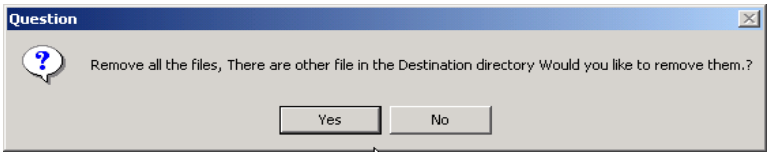


A ReadOnly File Detected or a SharedFile Detected dialog box appears.



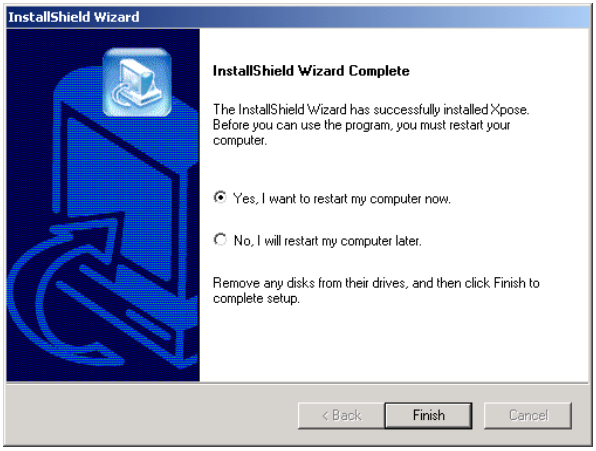
7. Select the **Don't display this message again** check box.
8. Click **Yes**.

   The Question dialog box appears.



9. Click **Yes**.

   The InstallShield Wizard Complete dialog box appears.



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

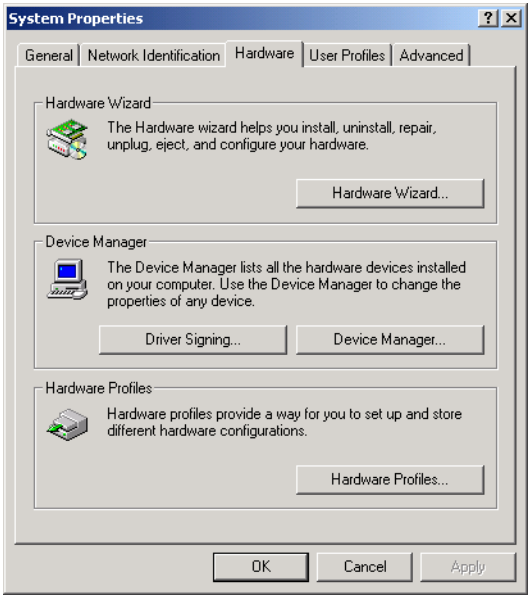
    The computer restarts.

2.9 Checking the Installation of the TSP Board

Once you have installed CS Xpose, you must check that the TSP board is installed.

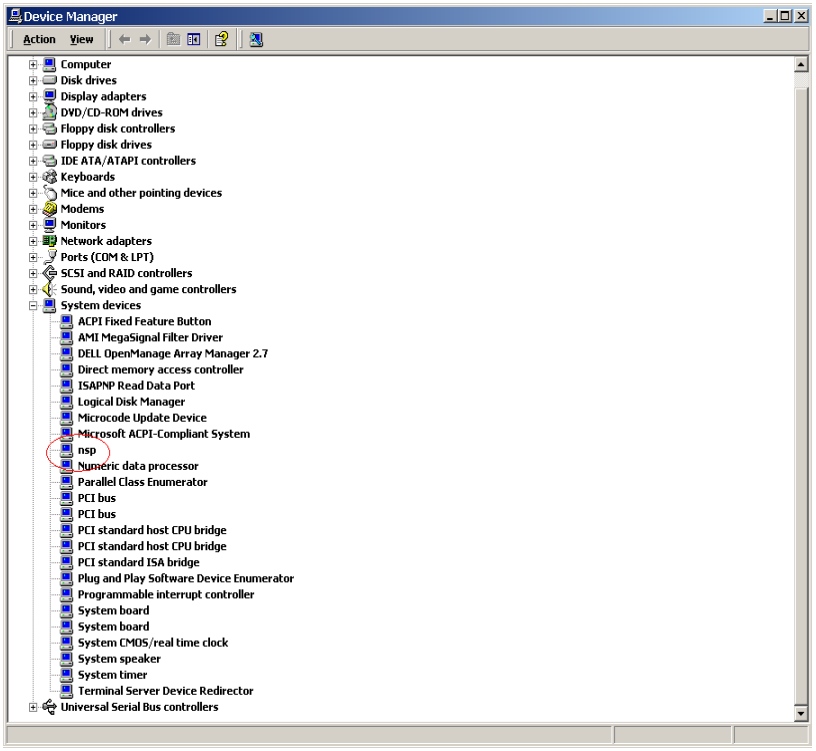
To check the installation of the TSP board:

1. On the Prinergy workstation, right-click on the **My Computer** icon on the Prinergy workstation, and from the shortcut menu, select **Properties**.
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. Select the **System devices** option to open the folder tree.
5. Verify that the TSP board appears. If this information does not display, the TSP board is not installed.

2.10 Setting Up Connectivity Between Prinergy and a Dolev 800V Family Device

The Prinergy workstation connects to the Dolev 800V family imagesetter via a TSP board and TSP cable.

This section describes the following procedures:

- Configuring CS Xpose
- Verifying that the system executes the startup sequence.

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 Dolev 800V family imagesetter is turned on.
2. From the **Start** menu, select **Programs**>**Xpose**>**Config**.

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



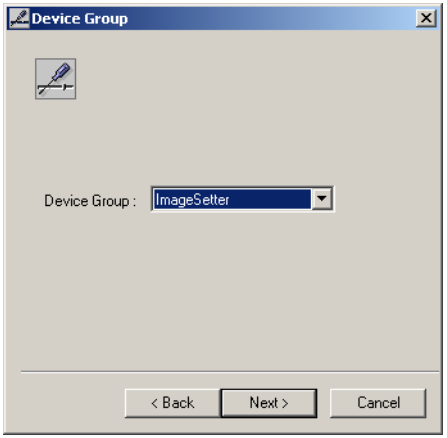
3. In the **Logic Name** box, type in a logical name for the connected device, for example, Dolev.



Note: If the `Device already exists` error message appears, see *Troubleshooting Installation Problems* on page 82.

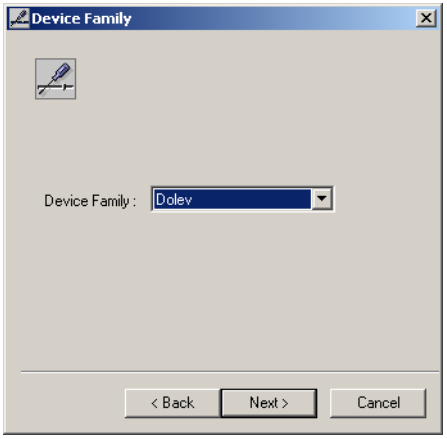
4. Click **Next**.

   The Device Group dialog box appears.



5. In the **Device Group** box, select **ImageSetter.**
6. Click **Next**.

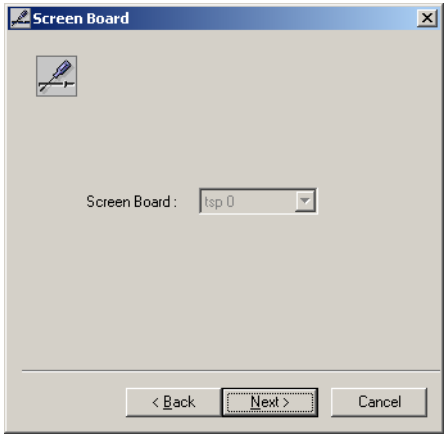
   The Device Family dialog box appears.



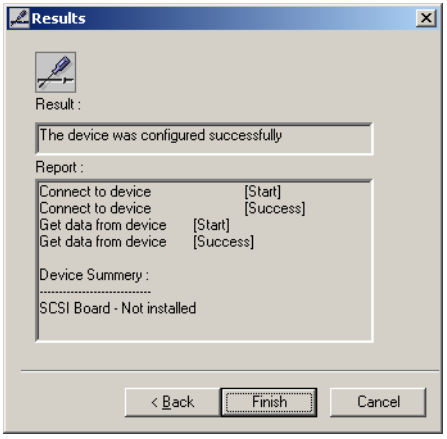
7. In the **Device Family** box, select the device family, that is, **Dolev**.

8. Click **Next**.

   The Screen Board dialog box appears.



9. If there is more than one TSP board installed on your workstation, from the **Screen Board** box, select the correct TSP board.
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 Dolev 800V family workflow, the TSP boards must be installed.

14. Click **Finish**. A message appears stating that the configuration was successful appears.
15. Click **OK**.

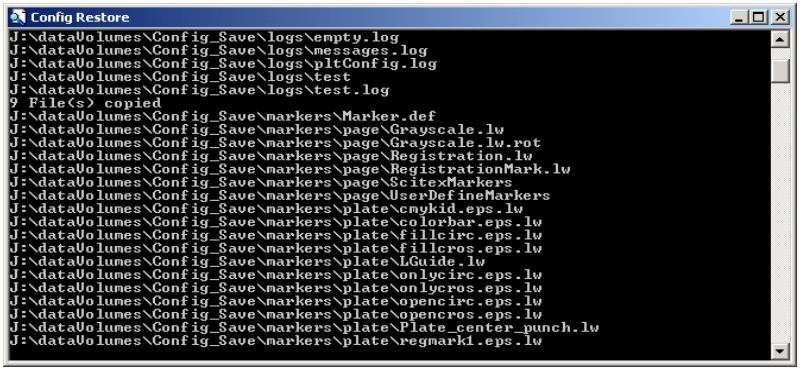
2.11.1 Restoring Configuration Settings After an Upgrade

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.

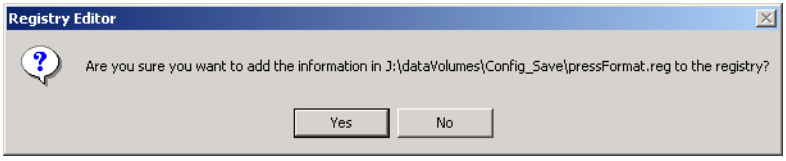
To restore hot folder and template settings:

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

   The Config Restore window appears and automatically begins restoring the previous configuration.



   After the Config Restore 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.

2.12 Running in Simulation Mode

If you want to run CS Xpose in simulation mode, do not run the Config after you have installed CS Xpose on the workstation.

Depending on your workstation setup, you have three simulation options:

- Host Only: if you don't have a Dolev.
- Host Only—no plotter: if you don’t have a Dolev, but your Prinergy workstation has a TSP card in it. The workstation is called a screen unit.
- No film option: if you have a complete connectivity workflow system, that is, Prinergy, CS Xpose, the TSP card, and the Dolev 800V family imagesetter, but want to send test jobs without wasting film.

To run CS Xpose in Host Only simulation mode:

1. After installing CS Xpose, restart the workstation.
2. Browse to the **\Xpose\version\registry** folder.
3. Double-click **DolevSimulator.reg**.

   The Registry Editor dialog box appears.
4. Click **Yes** to begin configuring CS Xpose.
5. At the message prompt, 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 Dolev 800V family imagesetter.

To run CS Xpose in Host Only—no plotter simulation mode:

1. After installing CS Xpose, restart the workstation.
2. Browse to the **\Xpose\version\registry** folder.
3. Double-click **DolevSimulator.reg** to configure CS Xpose.
4. Browse to the **\Xpose\version\bin** folder.
5. Double-click **CSXpose_TSP_Only_mode.bat** to run the bat file.

   CS Xpose automatically opens, enabling you to send test jobs without connecting to a Dolev 800V family imagesetter.

To run CS Xpose in No film simulation mode:

1. After installing CS Xpose, restart the workstation.
2. Browse to the **\Xpose\version\bin** folder.
3. Double-click **CS Xpose_NoFilm_mode.bat**.

   CS Xpose automatically opens, enabling you to send test jobs without exposing on the Dolev 800V family imagesetter.

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

Prinergy to Dolev 800V Family TIFF Workflow

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Testing the Workflow 57

3.1 Using a Prinergy to Dolev 800V Family TIFF Workflow

When sending single pages to the Dolev 800V family imagesetter from Prinergy, you must use CS Xpose's 1-bit TIFF workflow. Using the CS Xpose 1-bit TIFF workflow enables you to automatically arrange the single pages on a single sheet of film, thereby saving film.

If you are sending flats from Prinergy to the Dolev imagesetter, you can output the single TIFF files into a local folder. From CS Xpose, drag and drop the files onto a template that is configured to automatically arrange separations into a flat before sending the files for expose on a Dolev 800V family imagesetter.

This section describes the general Prinergy 2.1 to Dolev 800V family TIFF workflow.

3.2 Configuring a CS Xpose TIFF JTP

After you have loaded your media, started CS Xpose, run your resolution and laser intensity calibration curves, and in Harmony, run and stored your excurve calibration curves, you must define a CS Xpose TIFF JTP in Prinergy.

See *Running Resolution and Laser Intensity Calibration Tests* on page 65 for more information on running a resolution intensity calibration test.



See the *Harmony User Guide* for information on creating excurve calibration curves.

You only need to use the CS Xpose TIFF JTP when sending TIFF jobs to a Dolev 800V family imagesetter via CS Xpose hot folders and templates.

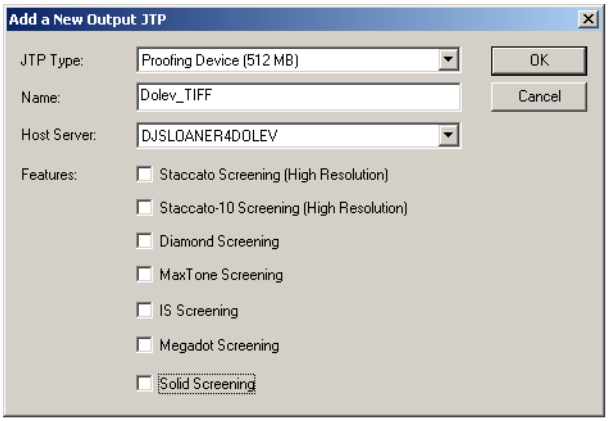
To configure a CS Xpose TIFF JTP:

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

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

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

   The Add a New Output JTP dialog box appears.



6. Add a TIFF CS Xpose JTP.

   a. In the **JTP Type** box, select **Proofing device (512)**.

   b. In the **Name** box, type a name for the CS Xpose JTP. For example, Dolev_TIFF.

   c. In the **Host Server** box, select the host server.

   d. 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, in the **JTP** tab, make sure the new TIFF CS Xpose JTP **Status** reads as **Ready**.

8. Set up the process plans to use the new JTP.

   See *Creating TIFF Output Process Plans in Prinergy* on page 44.

3.3 Configuring the Prinergy to Dolev 800V Family TIFF Loose Page Workflow

This section describes how to create TIFF loose page output process plans in a Prinergy 2.1 to Dolev 800V family workflow, and how to submit the TIFF files to CS Xpose for expose on the Dolev.



For more information on creating output process plans, see the Process Plan section of the Prinergy Workshop online help.

The workflow is as follows:

1. In CS Xpose:
   a. Define a TIFF job ticket template.

      See *Defining Templates* on page 69.

   b. Set up hot folders.

      See *Defining Hot Folders* on page 73.
2. In Prinergy, define a TIFF loose page output process plan.

   See *Creating TIFF Output Process Plans in Prinergy* on page 44.
3. Submit the Prinergy job to the TIFF loose page output process plan.

3.3.1 Creating TIFF Output Process Plans in Prinergy

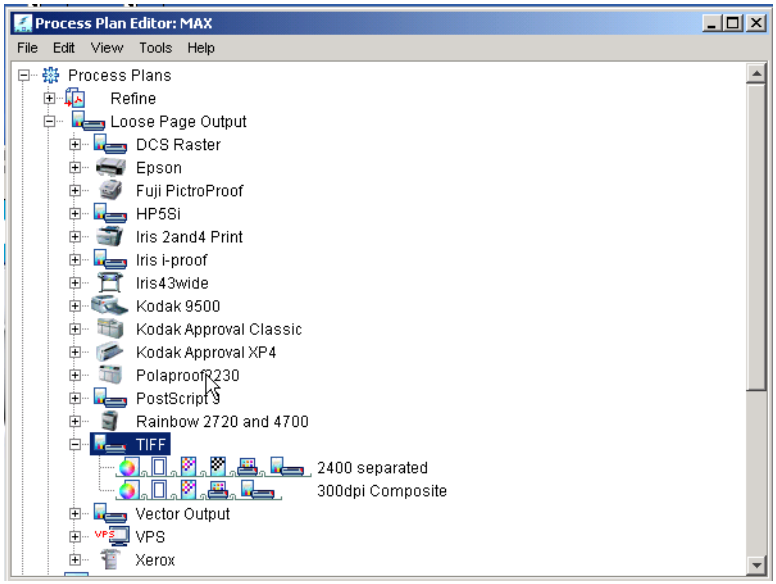
Once you have set up CS Xpose hot folders and attached the appropriate TIFF job ticket template, create a TIFF loose page output process plan in Prinergy and send your single pages for expose.

To create a TIFF loose page output process plan:

1. Start Prinergy Workshop.

   The Job Finder window appears.
2. From the **Tools** menu, select **Process Plan Editor**.

   The Process Plan Editor dialog box appears.

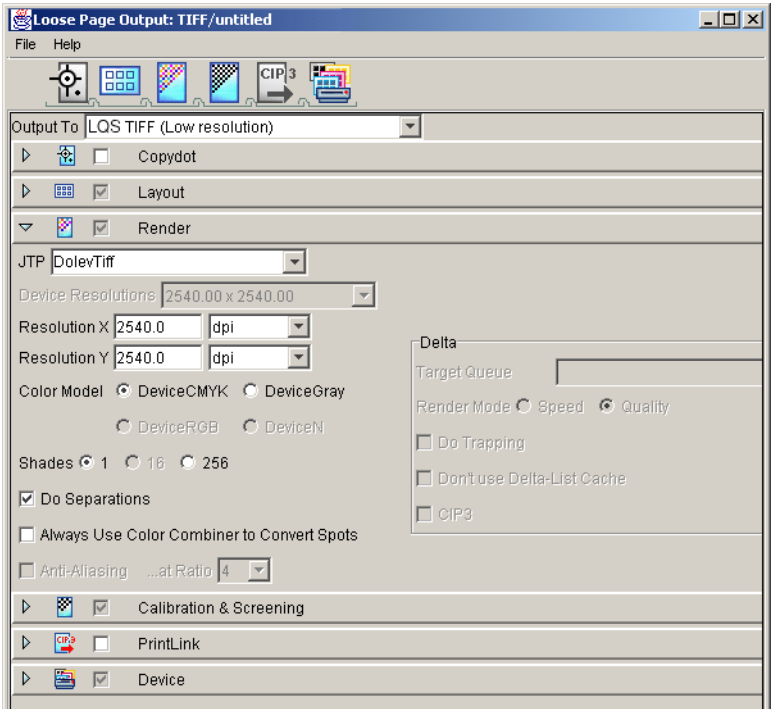


3. Select **Loose Page Output**.
4. From the **File** menu, select **New Process Plan**.

   Alternately, you can modify an existing TIFF loose page output process plan and save it with a new name.

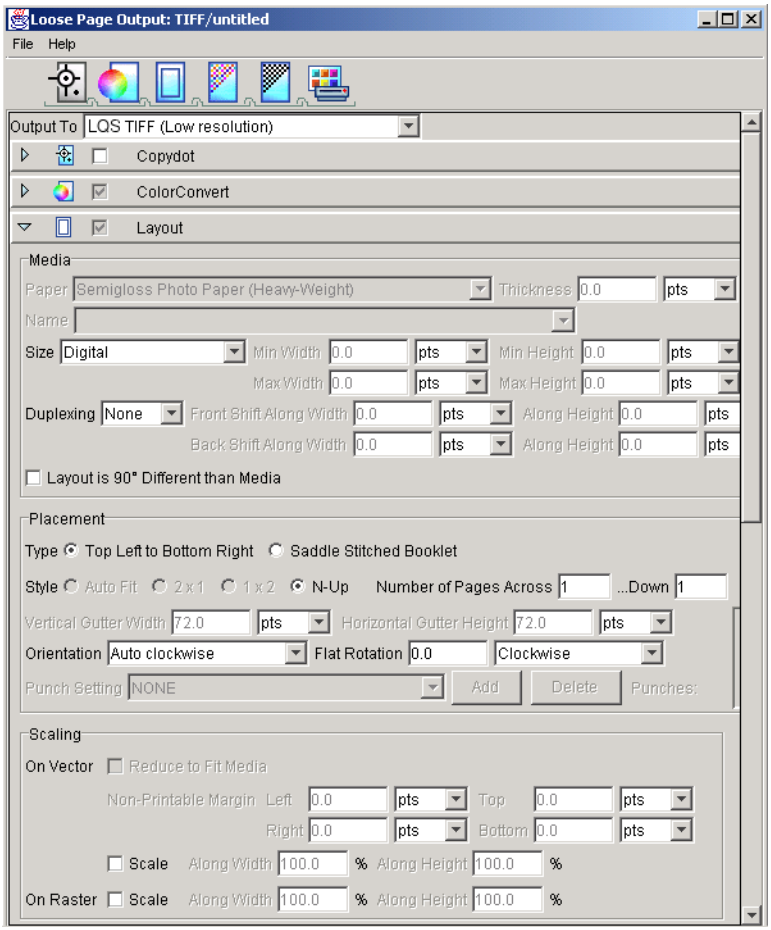
For more information, see the Modifying Process Plans topic in the Prinergy online help.

The Loose Page Output dialog box appears.



5. In the **Output To** box, select LQS TIFF (Low Resolution).

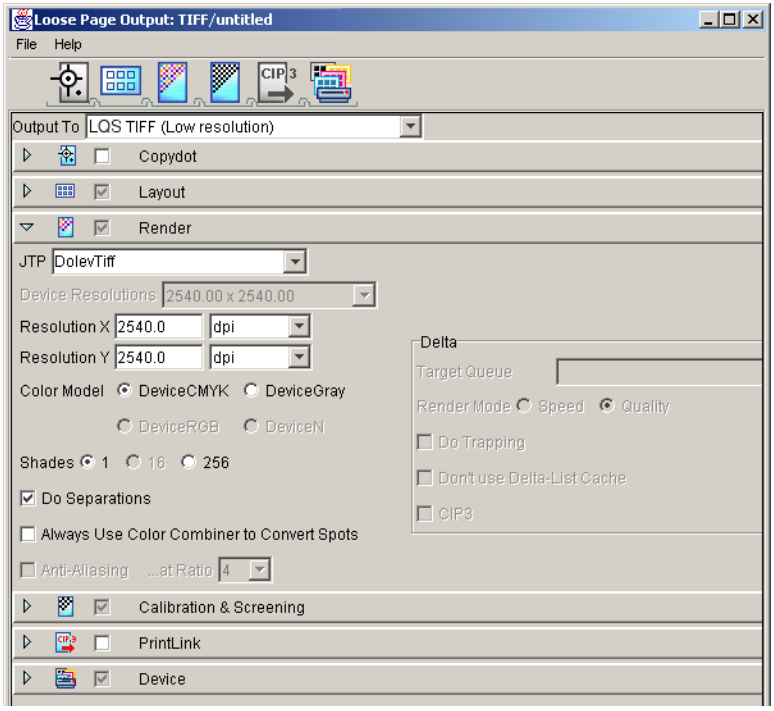
6. In the **Layout** section, set the following options:



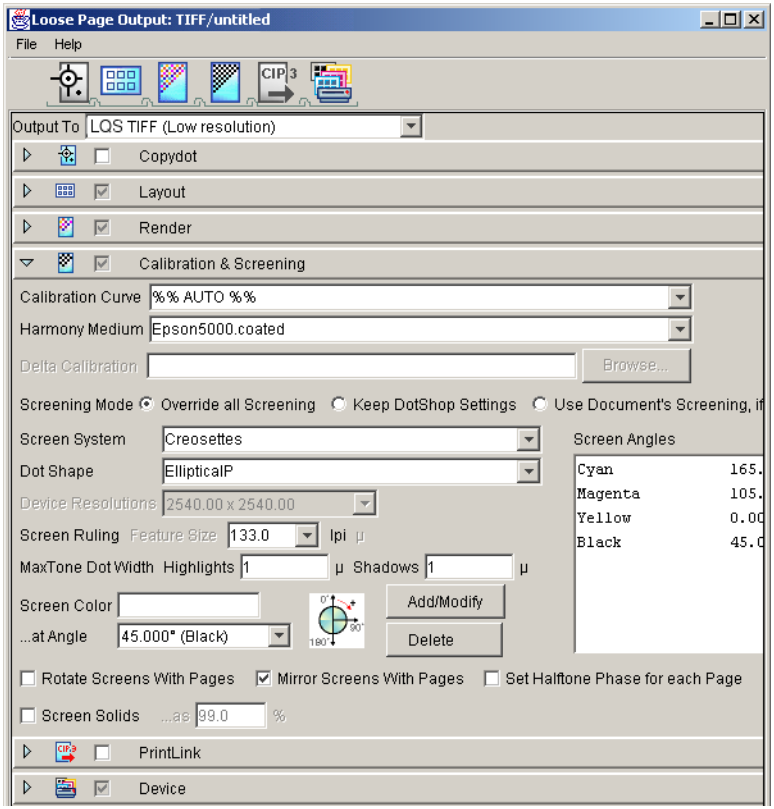
   a. In the **Size** box, select **Digital.**

   b. In the **Orientation** box, select the required orientation.

7. In the **Render** section, in the **JTP** box, select the CS Xpose TIFF JTP. See *Configuring a CS Xpose TIFF JTP* on page 42 for more information on creating a CS Xpose TIFF JTP.

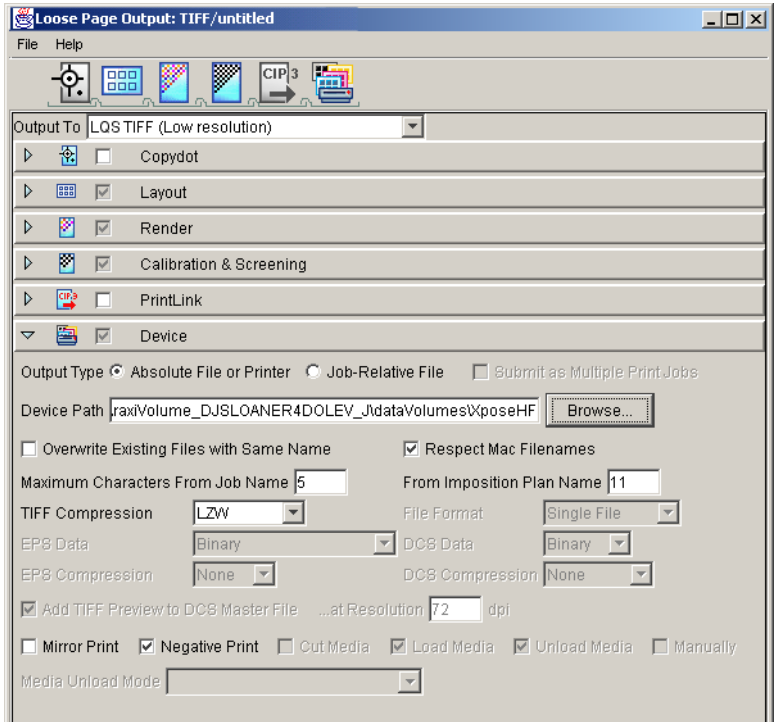


8. In the **Calibration & Screening** section, in the **Calibration Curve** box, select the optimum screen set.



9. In the **Harmony Medium** box, select a Harmony calibration (excurve) option.

10. In the **Device** section, set the following parameters:



a. In the **Output Type** section, select the **Absolute File or Printer** option.

b. In the **Device Path** box, type the path to a CS Xpose hot folder, or click **Browse** to browse to the hot folder directory.

   See *Defining Hot Folders* on page 73 for information on creating hot folders that are sensitive to Prinergy TIFF files, and on applying templates in CS Xpose.

c. Select or clear the **Mirror** and **Negative Print** check boxes as required.

11. Set the remaining parameters as required.

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

Once you select the pages to output, and the TIFF loose page output process plan, the job automatically begins sending the process separations to the CS Xpose hot folder. When the fourth color separation is written to

the hot folder, the hot folder automatically creates a TIFF.group.job, which activates the hot folder, and CS Xpose begins to send the pages separately to the Dolev 800V family imagesetter for expose.

3.4 Configuring the Prinergy to Dolev 800V Family TIFF Imposition Proof Workflow

This section describes how to create TIFF imposition proof output process plans in a Prinergy 2.1 to Dolev 800V family workflow, and how to submit the TIFF files to CS Xpose for expose on the Dolev.

The workflow is very similar to *Configuring the Prinergy to Dolev 800V Family TIFF Loose Page Workflow*, except as follows:

1. In CS Xpose:

   a. Define a TIFF job ticket template.

      See *Defining Templates* on page 69.

      Except:

      Make sure in the default.jtt dialog box, **Layout** tab, to set the **Mode** box to **Single**.

      For more information on configuring CS XPose templates and hot folders see the CS Xpose Online Help.

   b. Set up hot folders.

      See *Defining Hot Folders* on page 73.

      Except:

      In the HotFolder dialog box, select a template, and click the **Change Sensitivity** button.

      In the **Change Sensitivity** dialog box, select **Bit Map**.

2. In Prinergy, define a TIFF imposition proof output process plan.

   See *Creating TIFF Output Process Plans in Prinergy* on page 44.

   Except:

   a. In the Process Plan Editor dialog box, select **Imposition Proof Output**.

   b. In the Imposition Proof Output Process Plan, **Output To** box, select TIFF (low resolution).

   c. In the **Device** section, **Device Path** box, browse to the hot folder that you created in 1 b above.

3. Submit the Prinergy job to the TIFF imposition proof output process plan.

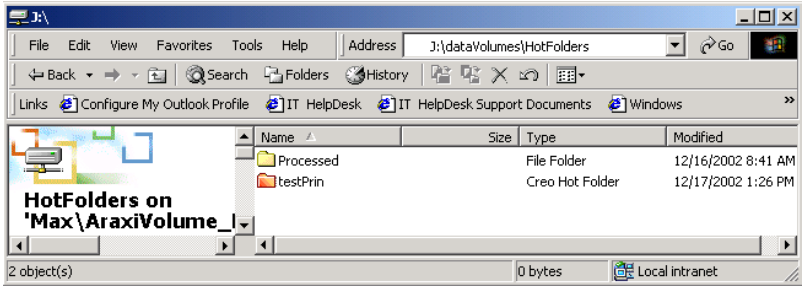
3.5 Translating and Exposing TIFF Files

If you do not want to automatically send TIFF files for expose on the Dolev 800V family imagesetter, you have two options:

- You can send the files to the CS Xpose dataVolumes folder, manually translate the TIFF files into a TIFF group job, and then submit the job to the Dolev 800V family imagesetter.
- You can send the TIFF files to the CS Xpose dataVolumes folder, and then drag and drop the TIFF files onto a template in CS Xpose. This option enables you to expose a number of separations together as a flat.

To manually translate and expose TIFF files:

1. In CS Xpose, in the **View** panel, click the **File Manager** icon.



2. From the File Manager window, select the folder with the TIFF color separations.
3. Drag and drop the folder on the **Translator** icon in the **ExposeUtilities** panel.

   See *What Is the CS Xpose Launch Pad?* on page 59 for more information on the **Expose Utilities** panel.

   CS Xpose creates a single job—<name>.group.job— from the TIFF color separations and saves it to the same folder in which the files are stored.



Note: It is important that you drag and drop the folder where the TIFF files are stored. The Translator will not convert individual TIFF files. If you only want to output one TIFF file, you do not need to translate the TIFF file. Drag and drop the individual TIFF file on a template and submit the file for output.

4. From the File Manager browser window, drag the TIFF.group. job on a job ticket template (JTT) in the **Template** panel.

   See *Defining Templates* on page 69 for more information on creating a JTT.
5. Edit the JTT.

   See *Modifying Templates* on page 72 for information on editing templates.

   a. In the **Media** tab, in the **Expose Media** box, make sure that a cassette is selected.

   b. In the **Exposure** tab, set the parameters as required.

   c. In the **Layout** tab, in the **Mode** box, select **AutoArrange** to expose all separations on one film (saves film). Select the **Single** option to expose each separation on a separate film.

   d. Click **OK**.
6. Submit the job for expose.

   See *Exposing Jobs* on page 78.

CS Xpose sends the job for expose on the Dolev 800V family imagesetter.

Submitting Translated TIFFs to Hot Folders

You can manually submit translated TIFF jobs to CS Xpose hot folders, or do it automatically from Prinergy.

- To submit a translated TIFF job to a CS Xpose hot folder, copy the TIFF.group.job file and paste it into the CS Xpose hot folder.



Note: The CS Xpose hot folder must be configured to be sensitive to Prinergy TIFF files. See *Defining Hot Folders* on page 73 for more information.

- To automate the Prinergy to Dolev TIFF workflow, follow the steps in *Creating TIFF Output Process Plans in Prinergy* on page 44. In the **Device** section, **Path** box, select the Prinergy TIFF job sensitive hot folder you created.

Once you select the job to output, and the TIFF output process plan, the job automatically begins sending the process separations to the CS Xpose hot folder. When all TIFF separations are written to the hot folder, the hot folder automatically creates a TIFF.group.job which activates the hot folder, and CS Xpose begins to send the job to the Dolev 800V family imagesetter for expose.

To drag and drop TIFF files onto a CS Xpose template:

Drag and drop TIFF files onto a CS Xpose template when you want to output a Prinergy job as a flat.

1. In CS Xpose, in the **View** panel, click the **File Manager** icon.
2. From the File Manager window, select the TIFF files.
3. Drag and drop the files onto a **template** icon in the **Template** panel.
4. In the Job Ticket Editor window, click submit to send the files to expose on the Dolev 800V family imagesetter.

3.6 Sending TIFF Files As Flats To the Dolev 800V Family Imagesetter

The general workflow to send numerous TIFF files to the Dolev 800V family imagesetter as a flat is as follows:

1. In Prinergy, output the Prinergy job as TIFF files (not LQS TIFF). See *Creating TIFF Output Process Plans in Prinergy* on page 44, make sure in the Process Plan dialog box, **Output To** box to select TIFF (low resolution) not LQS TIFF.

   In the Output Process Plan dialog box, **Devices** panel, **Device Path** box, type the path or browse to a CS Xpose dataVolumes folder (not a hot folder).

2. In CS Xpose create a template that will automatically arrange single TIFF files for exposure as a flat. See *To create a template to automatically arrange TIFF files into a flat:* on page 55.

3. In CS Xpose, in the **View** panel, double-click the **File Manager** icon.

   The File Manager browser dialog box appears.

4. In the File Manager browser dialog box, browse to where Prinergy output the TIFF files.

5. Select the TIFF files, and drag and drop them onto the template to create a flat.

   The Job Editor appears.

6. In the Job Editor dialog box, click **Submit**.

   CS Xpose sends the TIFF files as a flat for exposure on the Dolev 800 imagesetter device.

To create a template to automatically arrange TIFF files into a flat:

1. In CS Xpose, **ExposeUtilities** panel, double-click the **Template Builder** icon.

   The Default.jtt dialog box appears.

2. In the Default.jtt dialog box, set your **Media** tab and **Exposure** tab parameters as required.

3. In the **Layout** tab, **Mode** box, select **AutoArrange**.

4. Click the **Params...** button.

   The Layout dialog box appears.

5. In the **Separations** section, select the **Flat** option.
6. Set the remaining parameters as required.
7. Click **OK**.
8. In the **Layout** tab, set the remaining parameters as required.
9. Click **Save As**, and in the Save as dialog box, **Save** box, type the name of the template.
10. Click **OK**.

3.7 General Prinergy Workflow

The following is a general filmmaking workflow in Prinergy.



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

To output a Prinergy job:

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.

   If you want to test the workflow, use the sample test files that were installed by default in **J:/DataVolumes/samples/PS/** during the software installation.

   See the Adding Input Files topic in the in the Prinergy Workshop online help.

4. Import an imposition plan.

   See the Importing Imposition Plans topic in the online help.

5. Refine the input files.

See the Refining Input Files topic in the in the Prinergy Workshop online help.

6. Assign pages to page positions in the page set.

   See the Assigning Pages to Page Positions topic in the in the Prinergy Workshop online help.

7. Create proofs.

   See the Creating Soft Proofs, Creating Loose Page Proofs, and Creating Imposition Proofs topics in the in the Prinergy Workshop online help.

8. Create the process plan.

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

   Parameters for the filmmaking process are taken from the process plan that you select. Before you can expose film on the Dolev 800V family imagesetter, you need to create a process plan.

   Once you select the imposition, signatures, surfaces, or separations to output and the process plan, the job automatically begins processing and imaging on the Dolev 800V family imagesetter device.

3.8 Testing the Workflow

Use the following filmmaking workflow to test the Prinergy to Dolev 800V family workflow.

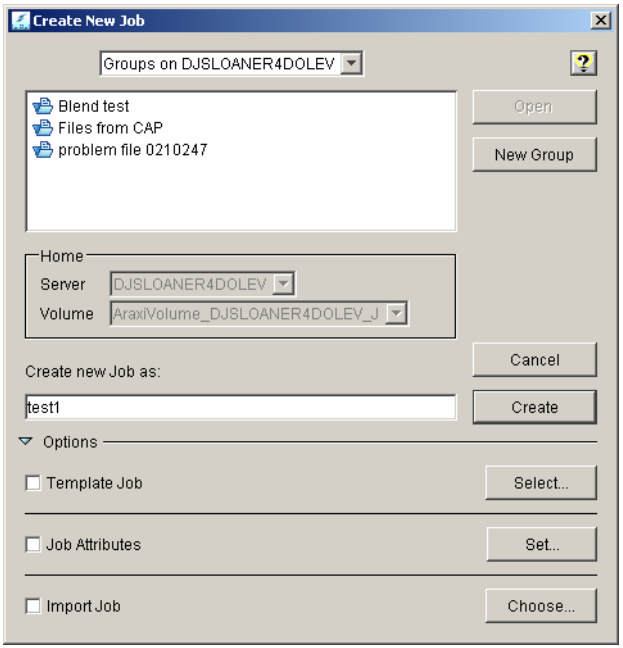


For more information about the Prinergy workflows, see Workflow Basics—A Sample Workflow in the Prinergy Workshop online help.

To test the workflow:

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 Create New Group dialog box appears.

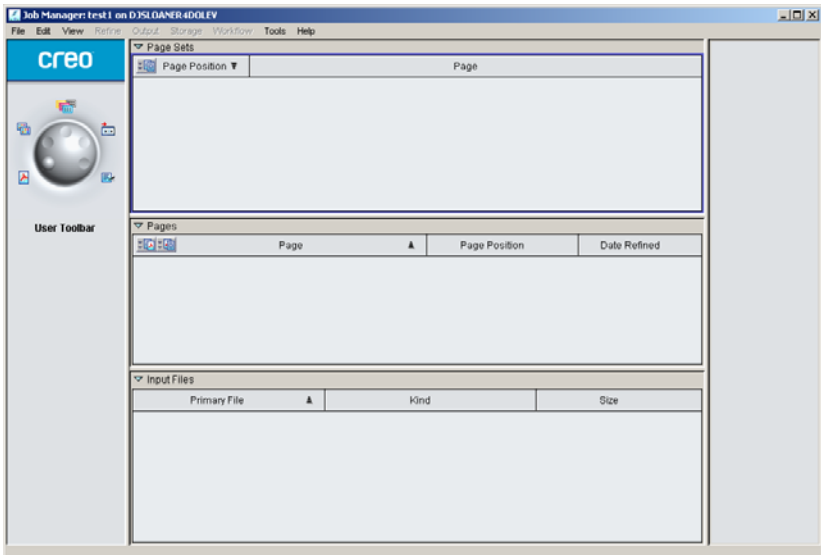


4. In the **New Group Name** box, type a group name.
5. Click **Create** to create the new group.

   The Create New Group dialog box closes.

6. In the Create New Job dialog box, in the **Create new Job as** box, type a Job name.
7. Click **Create** to create the new Job.

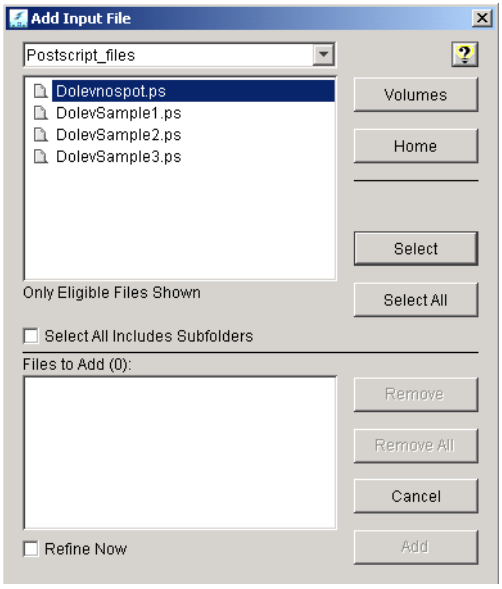
   The Job Manager window appears.



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 box, select **J:/DataVolumes/samples/<foldername>**.
10. Click the **Select All** button.
11. Click the **Add** button to add the sample files to the **Files to Add** box.

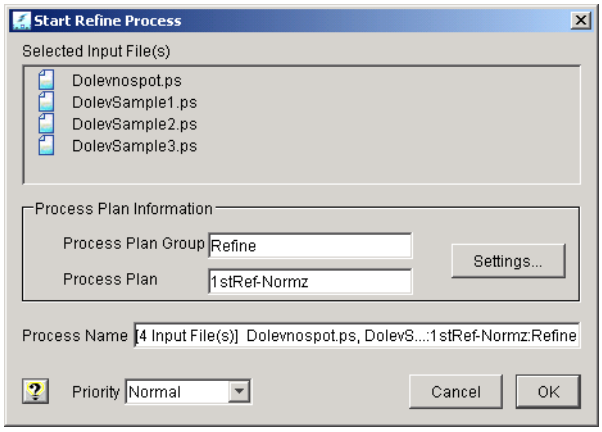


For more information, see the Adding Input Files topic in the Prinergy Workshop online help.

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

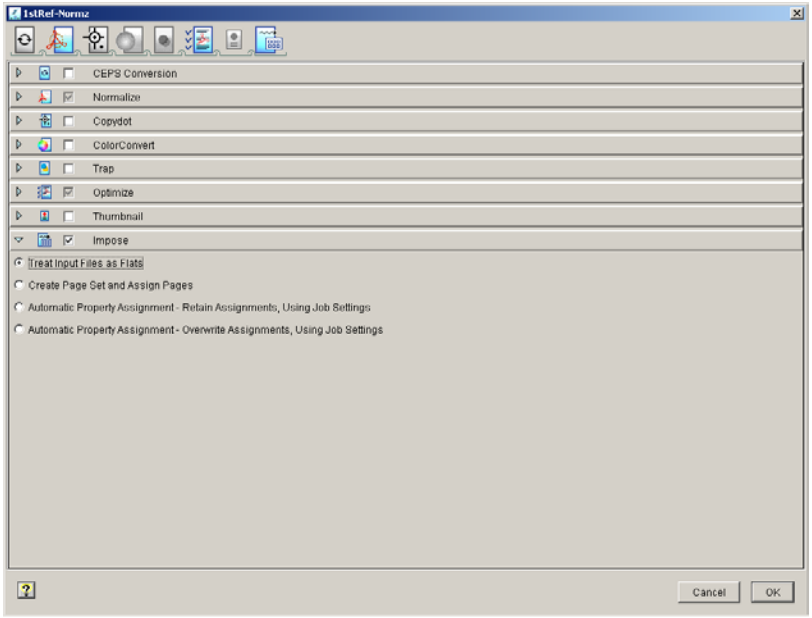
13. From the drop-down list, select a Refine option, for example, **1stRefNorm**.

    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. In the **Impose** panel, 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.

17. Click **OK** and wait for the input file to finish refining.



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

18. On the wheel, click the **Separation** button to open the **Separation** view.
19. Select the input file, and open all paths.
20. Select the separation you want to expose, for example, Cyan.
21. From the **Output** menu, select the output process plan for the Prinergy to Dolev 800V family workflow.
22. Start the output process.
23. Click **OK**.

    The Output Process Plan dialog box appears.
24. In the Output Process Plan dialog box, ensure the correct parameters for the Prinergy to Dolev 800V family workflow are set.
25. Click **OK**.
26. Prinergy submits the jobs to the Dolev 800V family device to be exposed.



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

Parameters for filmmaking are taken from the process plan that you select. Before you can expose film on a Dolev 800V family imagesetter, you need to create a process plan.

Once you select the imposition, signatures, surfaces, or separations to output, and the process plan, the job automatically begins processing and imaging on the Dolev 800V family imagesetter.

4 CS Xpose

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Translating TIFF Files....78
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4.1 Configuring CS Xpose for 1-bit TIFF Workflows

This chapter describes the CS Xpose 1-bit TIFF workflow. It briefly describes how to work with CS Xpose as a stand-alone application to test resolution and laser intensity, create hot folders, make resolution test curves, templates, and submit 1-bit TIFF jobs.

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

4.2 Starting CS Xpose

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

To start CS Xpose:

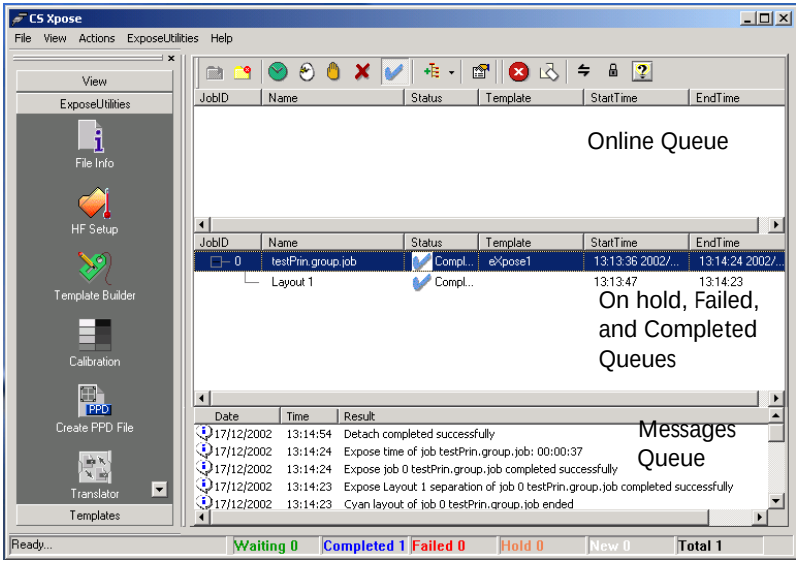
➢ From the **Start** menu, select **Programs**>**Xpose**>**Launch Pad**.

CS Xpose starts.

Launch pad:

- View panel
- ExposeUtilities panel
- Template panel

Click a panel to display the panel's options.



4.3 What Is the CS Xpose Launch Pad?

The Launch Pad displays the following panels:

- View
- ExposeUtilities
- Template



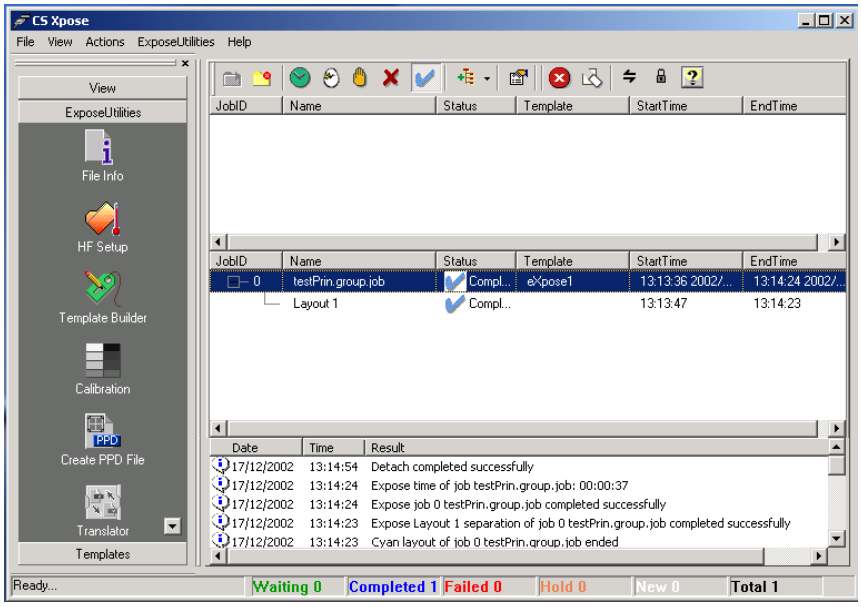
For more information on the Launch Pad panels and dialog boxes, see the CS Xpose online help.

4.3.1 Using the CS Xpose Queue Manager

The Queue Manager window displays by default when you start CS Xpose. 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, cancel jobs, and resubmit 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.

The Queue Manager window displays three different panels. The first panel lists the current jobs for processing. The second panel lists the on hold, failed, and completed jobs queued. The third panel lists the system messages.



In the active, on hold, failed, and completed queues, the Queue Manager displays the job number, the name of the job, its status, the name of the template attached to the job, and the time and date the expose started and ended for the job and all its separations.

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.
	New Job Queue	Displays the new jobs that were placed in the NewJobs folder (not in a hot folder) and have not yet been submitted to the online queue.
	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	Deletes the job from the queue (does not delete the file from disk).
	Lock Queue	Locks the queue and prevents jobs from being processed. If the queue is locked, this icon displays as red.
	Online help	Opens the CS Xpose online help.

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	Advances the job one step up
	Move down	Moves the job one step down
	Move to top	Advances the job to the top of queue

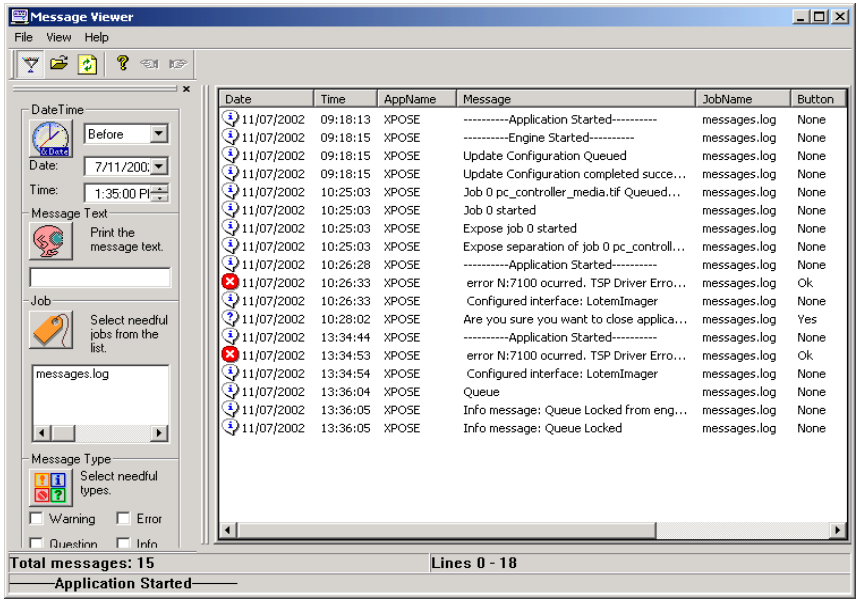
4.3.2 What Is the View Panel?

From the **View** panel, you can open the **Messages Viewer**, or access the **File Manager**.

Using the Messages Viewer Dialog Box

System Messages display in the bottom panel of the Queue Manager window. If you want more information on the system and device, the Messages Viewer dialog box displays system and device messages.

- Click the **Messages** icon on the **View** panel to open the Messages Viewer dialog box.



Use the Messages Viewer dialog box to filter messages by date and time, message text, message log, and message type.

To filter or search for messages:

1. From the **View** menu, click the **View Filters** button to display the **Filter Selection** panel.
2. To toggle a filter on or off, click the corresponding filter button in the **Filter** panel. That is, **Date**, **Message Text**, **Job**, or **Message Type** filter buttons.

For example:

1. In the **Message Text** box, type the word to filter for.
2. Click the **Message Text** button.
3. When you activate a filter, the list of messages that is generated is based on the parameters defined in the **Filter Selection** panel.

Using the File Manager Dialog Box

Use the **File Manager** as your file browser, so you can 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.

4.3.3 What Is the ExposeUtilities Panel?

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

- File Info
- Hot Folders
- Template builder
- Calibration
- Create PPD File
- Translator

From the **ExposeUtilities** panel you can create hot folders, templates, run resolution and intensity calibration tests,generate PPDs and PPXs, and translate TIFF files into a TIFF job.

4.3.4 What Is the Templates Panel?

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

4.4 Configuring CS Xpose

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 files to the device.



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

To configure CS Xpose:

1. Run calibration tests. See *Running Resolution and Laser Intensity Calibration Tests* on page 65.
2. Define templates. See *Defining Templates* on page 69.
3. Setup hot folders. See *Defining Hot Folders* on page 73.
4. Once configured, submit TIFF jobs to the hot folder and the online queue for direct exposure on the Dolev 800V family imagesetter.

4.5 Running Resolution and Laser Intensity Calibration Tests

Perform calibration tests before using the Dolev 800V family imagesetter for the first time, and for periodic verification of output quality.

The Resolution Intensity calibration sets the proper laser intensity for each resolution. Perform this calibration the first time the Dolev imagesetter is used, and every time there is a change in media or processing. It is recommended that you perform this calibration periodically, to ensure the quality of the exposed output.

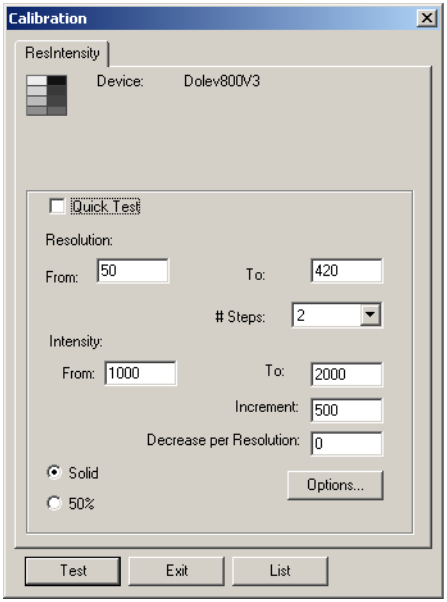


Important: You should calibrate the resolution intensity before creating your excurves in the Harmony software application.

To run a resolution and intensity calibration test:

1. In the **ExposeUtilities** panel, click the **Calibration** icon.

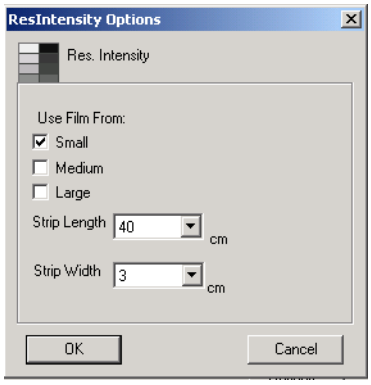
   The Calibration dialog box appears.



2. Select the **Quick Test** check box if you want to generate a resolution intensity test for each media cassette at resolutions 60, 80, 100, 120, and 140. The resolution test is based on the existing parameters set in the Resolution Intensity table on the Dolev 800V family imagesetter.
3. In the Resolution **From** box, type the minimum resolution at which to start the test.
4. In the Resolution **To** box, type the maximum resolution at which to end the test.
5. In the **# Steps** box, select the number of different resolutions you want to test between the **From** and **To** range.
6. In the **Intensity From** box, type the minimum laser intensity at which you want to test.
7. In the **Intensity To** box, type the maximum laser intensity at which you want to test.

8. In the **Increment** box, type the amount you want to increment the laser intensity during the test. For example, if the increment is set to 500, the **Intensity From** box is set to 1000 and the **Intensity To** box is set to 2000, the test will image at 1000, 1500, and 2000, in increments of 500.
9. If calibrating the optimum resolution intensity for several resolutions, to obtain strips which are closer to the target value, type a value in the **Decrease per resolution** box. This compensates for any overlapping Halo effects with each increased intensity.
10. If testing your basic calibration levels, select the **Solid** option.
11. If fine tuning your calibration levels, select the **50%** option.
12. Click the **Options** button.

    The ResIntensity Options dialog box appears.



13. Select the **Small**, **Medium**, and **Large** check boxes to run tests from all cassettes.
14. In the **Strip Length** box, select how large you want your test strip. For example, for the maximum size around the drum, select the **Full** option.
15. In the **Strip Width** box, select the width of the test strip.
16. Click **OK**.
17. Click the **Test** button to run the resolution and intensity test.
18. Develop the film.
19. Using a densitometer, check the density of each strip, and then record the results.

20. For each resolution, determine which test strip has the lowest d-max value within the recommended range.

Note: The recommended range varies from manufacturer to manufacturer - refer to the media manufacturer's specifications.

21. Use the test results to update the intensity values for the selected resolutions in the resolution intensity table.

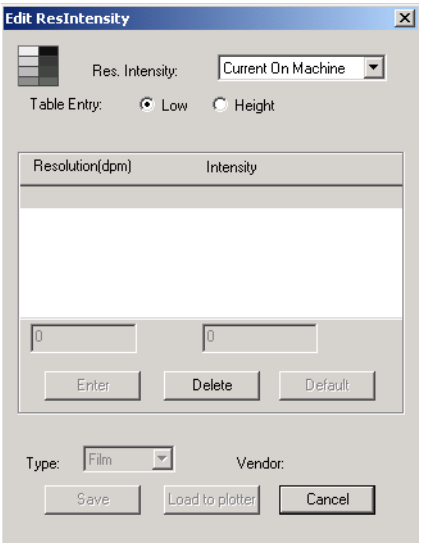
4.5.1 Updating the Dolev 800V Family Resolution Intensity Tables

After you have run the resolution and intensity calibration tests, you need to update the Dolev 800V family imagesetter's resolution intensity tables.

To update the Dolev 800V family imagesetter resolution intensity tables:

1. In the **Calibration** dialog box, click the **List** button.

   The Edit ResIntensity dialog box appears.



2. In the **ResIntensity** box, select the Dolev calibration table you want to edit.
3. In the **Table Entry** section, select the **Height** option.
4. In the **Resolution and Intensity** box, select a resolution. The values appear in the two boxes below the **Resolution and Intensity** box.

5. To modify the intensity, replace the value in the right box and click **Enter.** The new intensity value appears in the table (including the Decrease per Resolution value).
6. To delete a resolution, select it from the table and click **Delete.** The value is removed from the table.
7. To restore a default intensity value, select a modified value from the table and click **Default**. The default value of 1500 (Low Table Entry) or 3000 (High Table Entry) appears in the table.
8. Click **Save** or the **Load to Plotter** button to save the new table definitions in the Dolev.
9. Repeat this procedure as necessary to define additional tables for different media.

4.5.2 Defining Templates

Use the Template Builder in the **ExposeUtilities** panel, or the Expose dialog box 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 on a template, it creates and launches a job, which displays in 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 Expose box:

- From the **Expose** in the **Templates** panel
- From the Hot folder Setup dialog box
- From the **Template Builder** icon in the **ExposeUtilities** panel (displays as the <template name>.jtt dialog box).

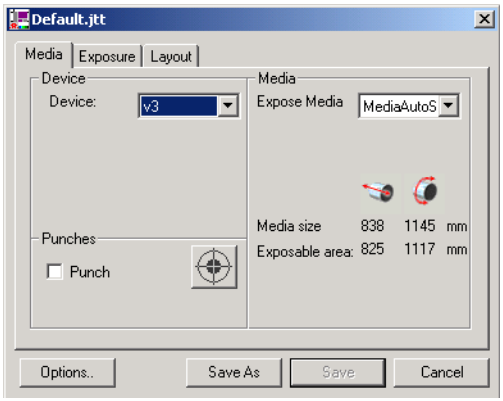


For more information on template options, see the CS Xpose online help.

To define templates:

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

   The Default.jtt dialog box appears.



2. In the **Media** tab:

   a. In the **Device** box, select the device with which to output the job.

   b. In the **Expose Media** box, select the media cassette from which you want to expose the job. It is recommended that you select the **MediaAutoSelect** option.

   c. If supported, and if you want to apply a punch system to your template, select the **Punch** check box.

   d. Click the **Punch** button.

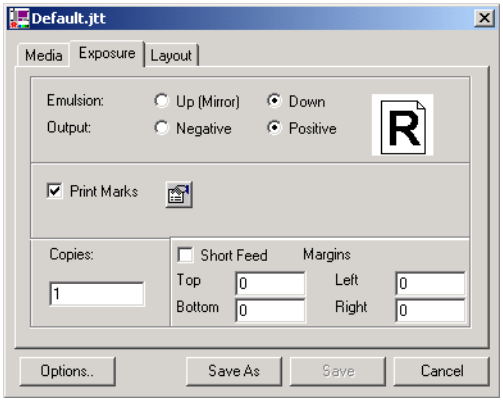
      The Punch dialog box appears.

   e. Set the parameters as required.

      For more information on defining punch parameters, see the CS Xpose online help.

3. Click the **Exposure** tab.

   The **Exposure** tab options appear.

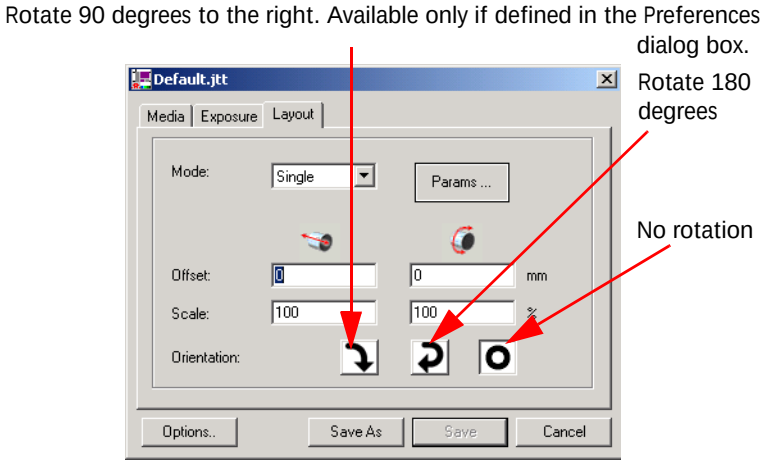


4. In the **Exposure** tab, define whether to mirror the image on the emulsion side of the film or not, whether to output with positive or negative exposure, whether to print slugs, and if you want short feed enabled, and how many copies to expose.

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

5. Click the **Layout** tab.

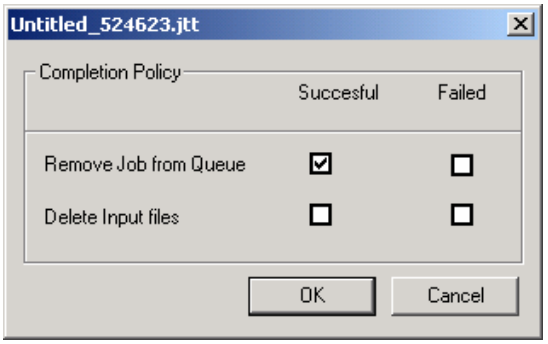
   The **Layout** tab options appear.



6. In the **Layout** tab, define the orientation and position of the image(s) on the film.

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

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.

4.5.3 Modifying Templates

You can modify templates either by clicking the **Modify** button in the Hot Folders dialog box, or by double-clicking on the <templatename>.jtt in the **Templates** panel.

The <templatename>.jtt dialog box appears, enabling you to edit the settings before submitting the job for expose.

4.5.4 Defining Hot Folders

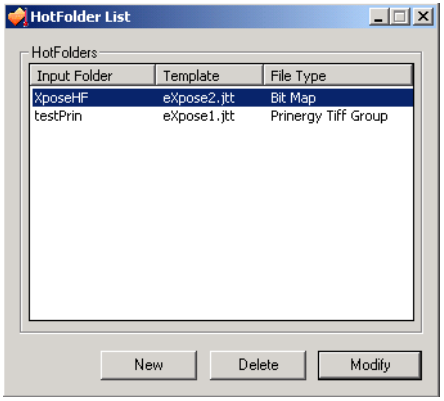
The main concept behind hot folder creation is automatic workflow management. Hot folders contain file handling instructions, and a link to a template which defines the file processing instructions. Each hot folder appears on the network (after defining it as such), thereby enabling you to launch production directly from the RIP workstation. You can drag a file on 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.

In CS Xpose, you can create hot folders that are sensitive to any bitmap (default) or to Prinergy TIFF group files only.

To setup bitmap hot folders:

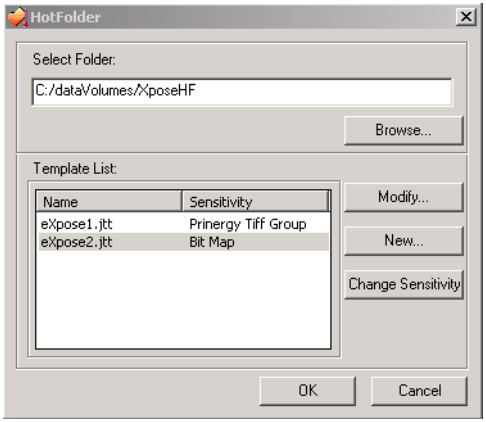
1. Click the **Hot Folder Setup** icon in the **ExposeUtilities** panel.

   The HotFolder List dialog box appears.



2. Click **New**.

   The HotFolder dialog box appears.



3. In the **Select Folder** box, click the **Browse** button to open the Browse For Folder dialog box.



4. Double-click on the DataVolumes folder that you want to select as the hot folder.
5. Click **OK**.

   Or:

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

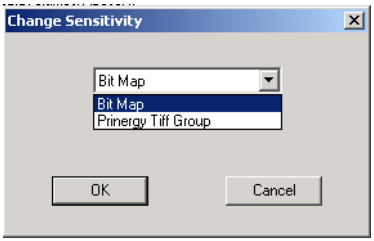
   b. Name the folder.

   c. Click **OK**.

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

6. In the **Template List** box, select the template that you want to use.
7. Click the **Change Sensitivity** button.

   The Change Sensitivity dialog box appears.



8. Select the **Bit Map** option to make the hot folder sensitive to all bit maps.
9. Click **OK**.
10. To modify a selected template, click the **Modify** button.

    The Expose dialog box appears.

    For more information on modifying the Expose template, see *Modifying Templates* on page 72.
11. After editing the template, click **Save**.
12. If you want to create a new template, click the **New** button.

    The Default.jtt dialog box appears.

    See *Defining Templates* on page 69 for information on creating new expose templates.
13. After creating a new template, click **Save As** and type a template name in the Save As dialog box.
14. Click **OK**.
15. In the HotFolder dialog box, in the **Template List** box, select the modified or new template.
16. Click **OK**.

    The name of the new hot folder is listed in the HotFolder List dialog box that appears.

To setup Prinergy TIFF group hot folders:

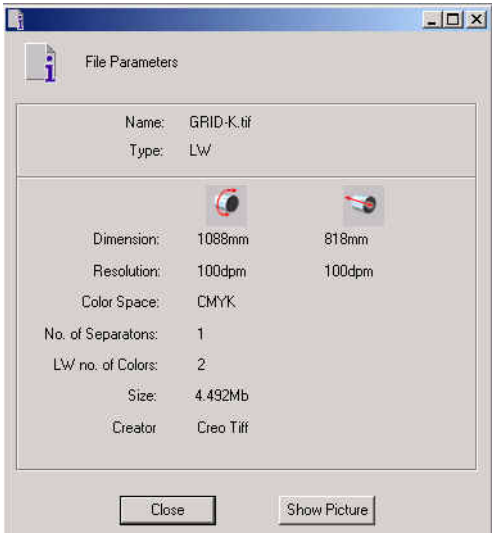
➢ Follow the steps *To setup bitmap hot folders:* on page 73, except in the Change Sensitivity dialog box, select the **Prinergy TIFF group** option.

In the **Template List** box, **Sensitivity** column, the text changes from bit map to Prinergy TIFF group.

In the HotFolder List dialog box, the **File Type** column changes from bit map to Prinergy TIFF group.

4.5.5 Viewing File Information

When you drag a job on 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 the file type.

The following parameters are listed: job name, file type, dimensions, resolution, color space, number of separations or pages, if there is CT gradation or LW, file size, and creator (Creo Tiff or not).

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

➢ To view a picture of the file, click the **Show Picture** button.

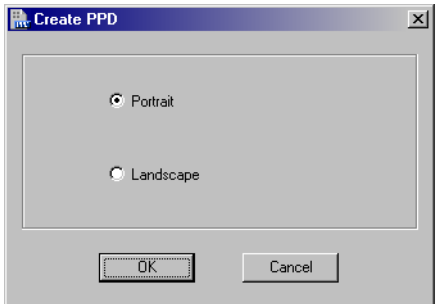
4.5.6 Generating PPD Files

Generate PPD files to use with Preps® imposition software. PPD files provide the Preps software with device configuration values.

To generate PPD files from CS Xpose:

1. Click the **Create PPD File** icon in the **ExposeUtilities** panel in CS Xpose.

   The Create PPD dialog box appears.



2. Select the **Portrait** option to save the PPD file in portrait.
3. Select the **Landscape** option to save the PPD file in landscape.
4. Click **OK**.

   CS Xpose automatically generates PPD files.

   A message box indicates where the PPD file is stored.



Once the PPD file is created, you must manually copy the file to your Preps software program.

After copying the PPD file to the Preps application, create your job using the Preps imposition job ticket, and send the job for expose on the Dolev, via CS Xpose.

4.5.7 Translating TIFF Files

You translate TIFF files into a TIFF job in order to send them for expose on the Dolev 800V family imagesetter.

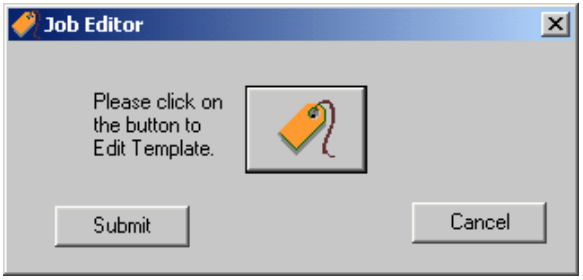
For more information on translating TIFF files, see *Translating and Exposing TIFF Files* on page 52.

4.6 Exposing Jobs

To expose TIFF jobs to the connected device:

1. Submit a TIFF job(s) 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 *Modifying Templates* on page 72 for more information on editing templates.
3. Otherwise, click **Submit** to submit the job to the CS Xpose online queue for exposing.



Important: If you select a number of jobs and drag and drop them on a template, CS Xpose applies the same template parameters to all jobs and enables you to submit all the jobs to the Queue at one time. If you edit the template, the same modifications are applied to all the jobs.

Alternatively:

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

  For more information, see *Translating and Exposing TIFF Files* on page 52.

CS Xpose translates the TIFF files into TIFF grouped jobs and applies the template parameters to the TIFF grouped jobs and submits it to the online queue for expose on the device.

You can view the job's progress from the CS Xpose Queue Manager.

4.7 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:

1. In the Queue Manager, click the **Failed** or **Completed** icon to change queue windows.
2. In the middle queue panel, right-click on the job to resubmit, and select **Resubmit** from the short-cut menu.

   The Job is resubmitted to the online queue.

A

Troubleshooting

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A.1 Troubleshooting Installation Problems

This section describes installation troubleshooting solutions.

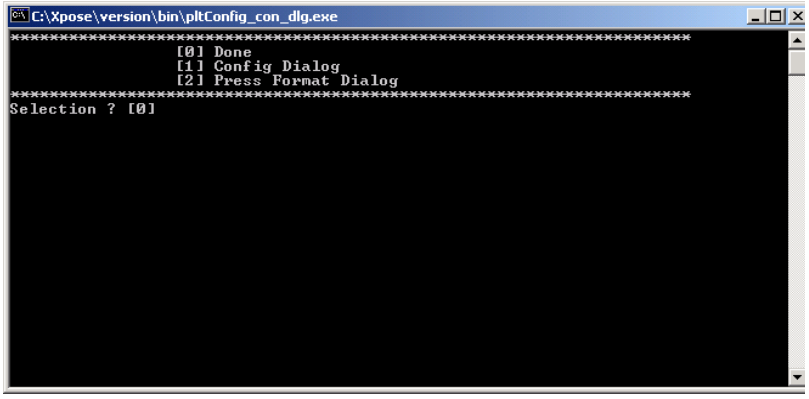
A.1.1 Can't Reconfigure Device

After upgrading CS Xpose (see *Upgrading CS Xpose* on page 29), 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.

To delete device configurations:

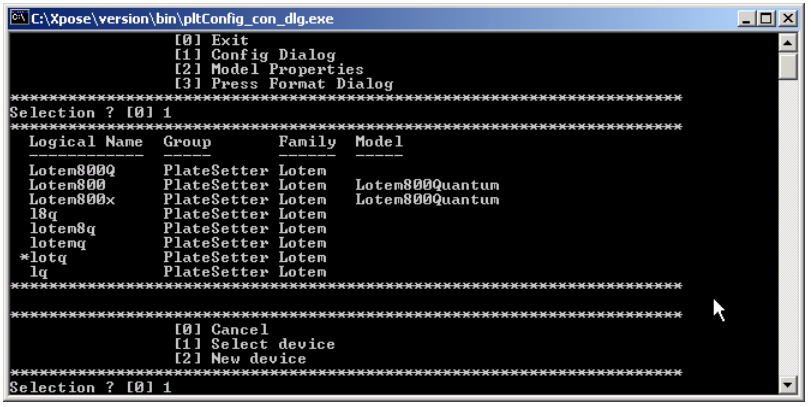
1. On the Prinergy Workstation, open Windows Explorer.
2. In **\Xpose\version\bin**, double-click `pltConfig_con_dlg.exe`.

   The Config DOS window appears.

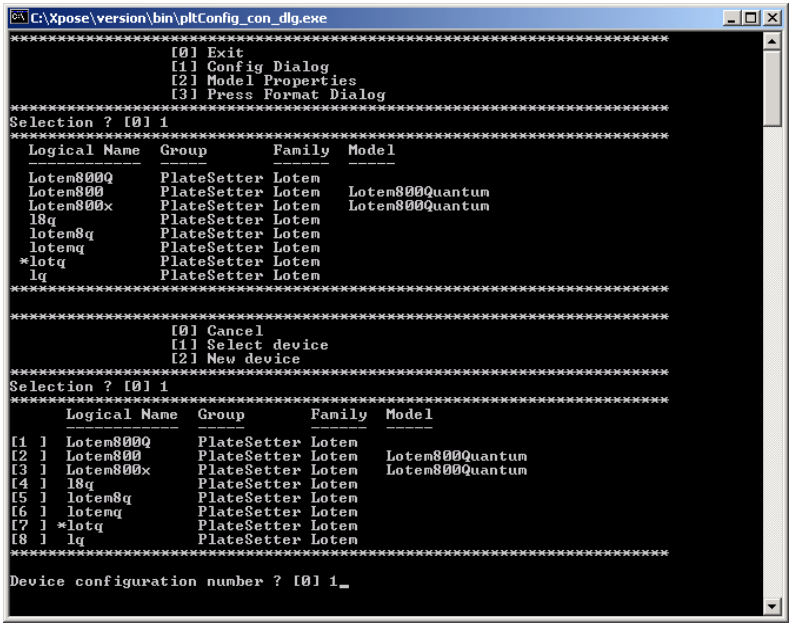


3. In the **Selection ?** row, enter **1**.

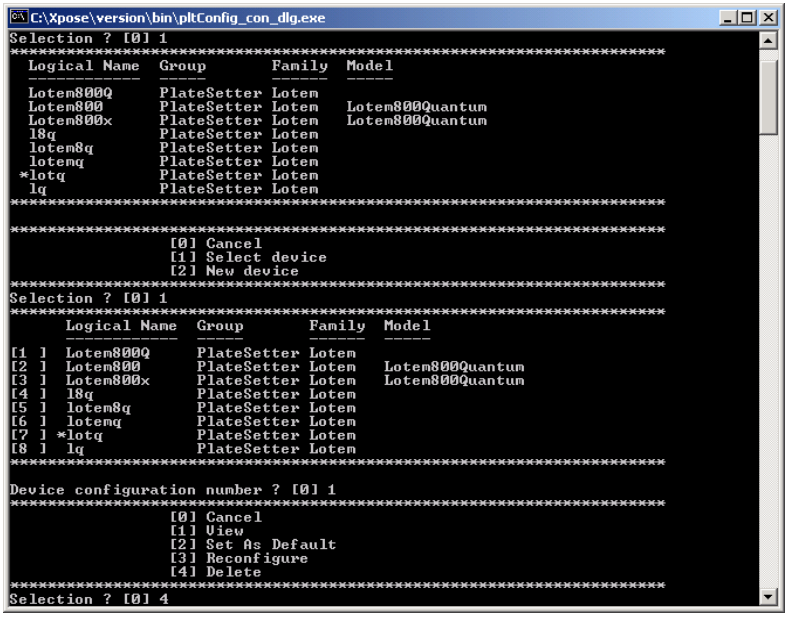
   A list of the configured devices appears in the window.



4. In the next **Selection ?** row, enter **1**.



5. In the **Device Configuration number?** row, enter the number of the device configuration you want to delete.



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

A.2 Changing the Image Area for Larger Files

If you need to expose a file whose dimensions are larger than the image area on the media, you can change the default expose policy in the Preferences dialog box.

To change the default expose policy in the Preferences dialog box:

1. On your desktop, open Windows Explorer.
2. Browse to **/xpose/ version/bin/outputPreferences.exe**.
3. Double-click **outputPreferences.exe**.

   The Preferences dialog box appears.
4. In the **Image area exceeds Default Policy** box, select **Continue**.

5. In the **Maximum exceeding value for continuing** box, type the maximum value that must be exceeded before continuing, for example, 1000 mm.
6. Click **OK**.

   The default expose policy is changed.



For more information on setting Preferences, see the CS Xpose online help.

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