



User Guide
English

Xerox CX Print Server, Powered by Creo

for Xerox 700 Digital Color Press

Version 1.0
731-01341A-EN

XEROX®

Creo Color Servers

PRINT ON-DEMAND
SOLUTIONS

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Print On-Demand Solutions Group

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For information about CX print server 1.5 features, see the Release Notes on page 313.

1

Getting familiar with your color server

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System overview

Information about the server, hardware and software components, and system workflow.

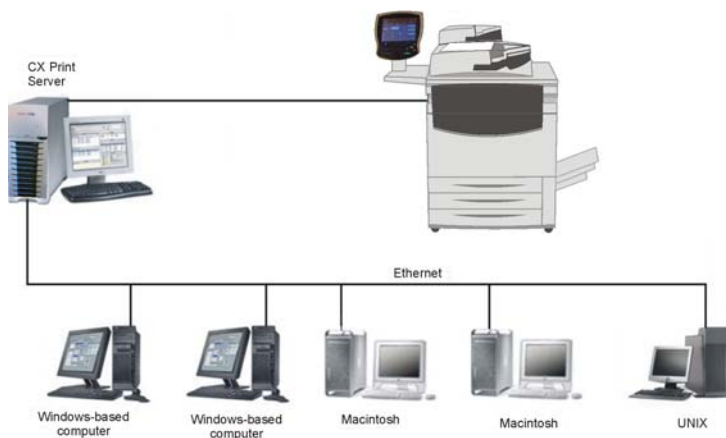
Server overview

The Xerox CX print server, powered by Creo, for the Xerox 700 digital color press is an on-demand pre-press system that uses advanced pre-press technologies, to drive the the press.

The CX print server enables you to print from *Microsoft Windows* operating system, *Macintosh*®, and *UNIX*® client workstations. The CX print server processes image files in page-description language (PDL) formats—for example, Adobe® PostScript®, PDF, and Variable data printing— using RIP (Raster Image Processor) technology. The system converts image files into a suitable RTP (Ready-To-Print) format for direct high-quality digital printing. The CX print server also streamlines the printing process by allowing printing with preset workflows.

In combination with the the press, the CX print server enables you to efficiently print flyers, brochures, pamphlets, dummy catalogs, short-run trials, and print-on-demand publications. When installed as a fast, network printer with the CX print server, the the press prints at the full-rated speed of 70 full-color A4 (210 mm x 297 mm) or Letter (8.5 inches x 11 inches) simplex pages per minute, on any media type and weight.

The CX print server combines RIP functionalities, automation, control tools and special hardware development capabilities with PC architecture.



Hardware and Software Components

The CX print server is a dedicated Creo platform running in a *Windows XP Professional* environment.

The CX print server includes:

- Creo hardware, including the interface board
- Off-the-shelf hardware

- DVD-R/W drive with Nero Express software
- Software including:
 - ❑ CX print server software
 - ❑ Windows XP Professional operating system
 - ❑ Adobe Acrobat® version 8.0 and PDF 1.7
 - ❑ Internet Explorer 6

Supported Formats

The CX print server supports the following file formats:

- PostScript (composite or pre-separated files)
- PDF
- EPS
- Creo VPS (Variable Print Specification)
- VIPP (Variable Data Intelligent PostScript Params)
- PPML (Personalized Print Markup Language)
- GAP (Graphic Art Port) files (file formats from various prepress systems—for example, Brisque® and TIFF/IT)

Note: This format is supported in the Advanced Productivity package.

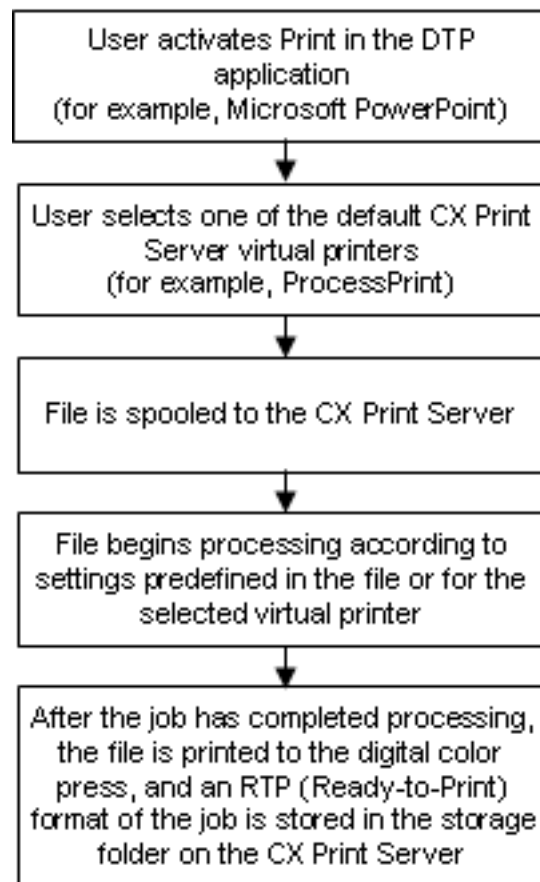
- CT & LW
- JPEG, TIFF
- Pre-separated formats

Workflow

The CX print server receives and processes files from the following client workstations:

- Macintosh: Mac® OS 9 and Mac OS® X
- Windows: Windows® 2000, Windows XP, Windows Vista
- UNIX workstations and servers

The CX print server basic workflow is as follows:



2

Turning your color server on and off

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Turning on the CX print server

1. Turn on the monitor.
2. Open the front panel of the CX print server, and then press the power control button.

The power indicator on the front panel lights up and the Windows operating system starts. The CX print server splash screen appears followed by the workspace.

If the workspace does not automatically appear, from the Windows Start menu, select **Start > CX700 > CX700**.

Turning off the CX print server

1. From the **File** menu in the workspace, select **Exit**.
A confirmation message appears.
2. Click **Yes**.
The CX print server software closes.
3. Verify that the CX print server icon does not appear on the taskbar.
4. From the Windows Start menu, select **Shut Down**, and click **OK**.
5. When the Windows shutdown is complete, turn off the monitor.

3

Setting up your color server

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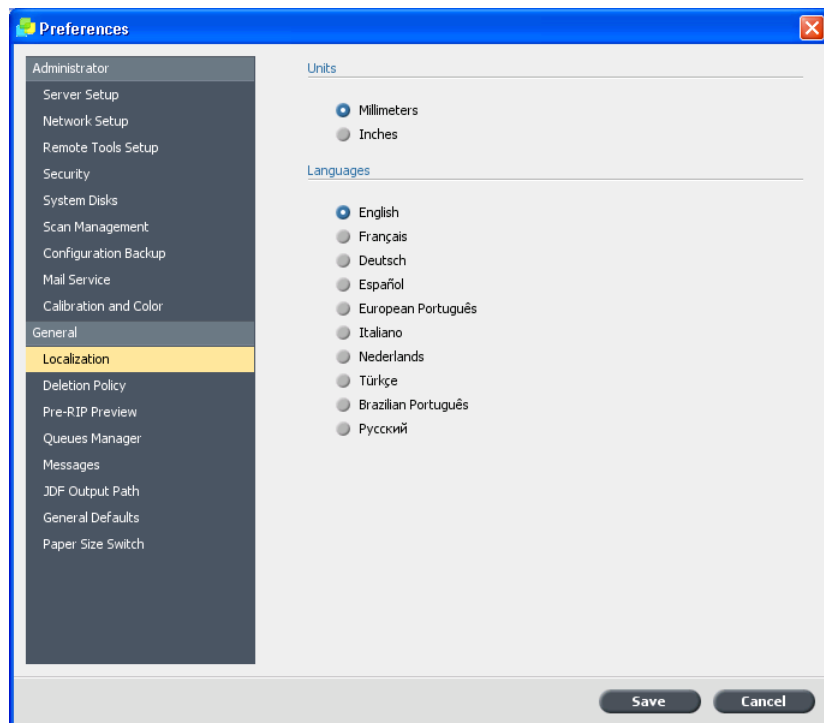
Defining color server settings

Setting localization options

1. From the **File** menu, select **Preferences**.

The Preferences window appears.

2. Select **Localization**.



3. In the **Units** area, select the desired measurement unit.

4. In the **Language** area, select the desired language.

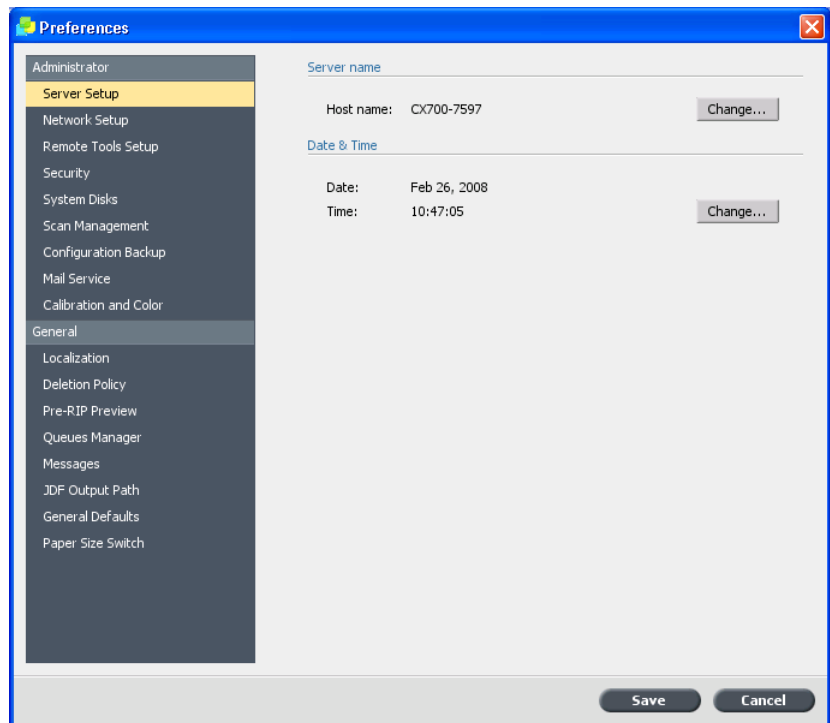
Note: If you switch to another language, you need to restart the CX print server software.

5. Click **Save**.

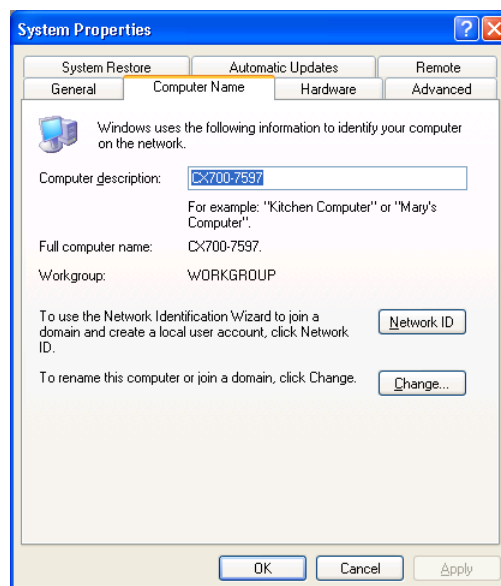
Changing the server name

Change a server name using the **Server Setup** parameter in the Preferences window.

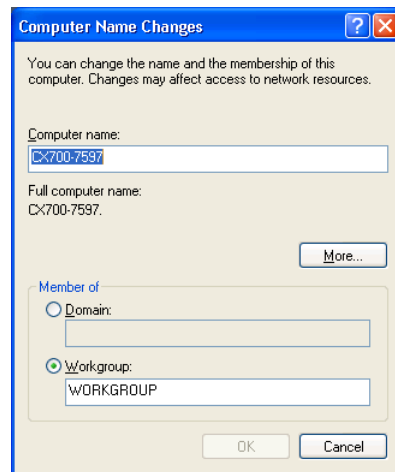
1. From the **File** menu, select **Preferences**.



2. In the **Server name** area, click **Change**.



3. In the **Computer Name** tab, click **Change**.



4. In the **Computer name** box, type a new name for the computer.
5. If you want to change the **Workgroup** or the **Domain** in which your computer appears, select the desired option and type a new name in the corresponding box.

Important: Do not change the workgroup or domain unless you are instructed to do so. If you change the domain, you will be required to type the password for the domain account. If the password is unavailable, the computer will be locked.

6. Click **OK**.
7. Click **OK** in the System Properties window.
The system prompts you to reboot your computer for the new settings to take effect.
8. Do one of the following:
 - Click **No** if you want to change other system parameters.
 - Click **Yes** to reboot your computer.

Changing IPX printing settings

Change IPX printing settings using the Network Setup parameter in the Preferences window.

Note: After you perform this procedure, further setup will be required by your network administrator.

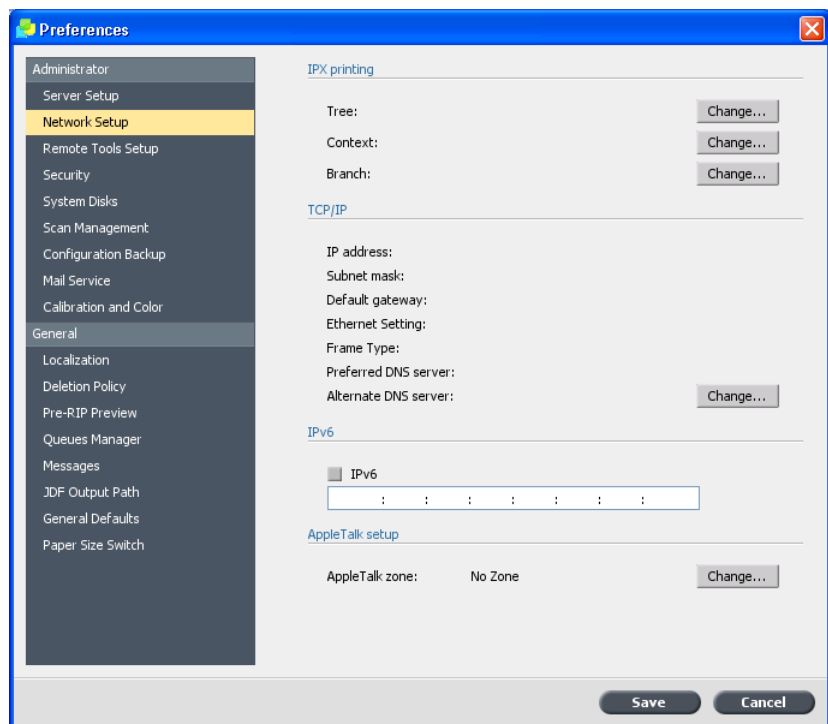
IPX printing enables the CX print server to act as a job server for the *Novell* queue. A job server checks each assigned queue at a specified interval,

taking care of jobs on a first-in, first-out basis. Once a job is processed, its associated file is deleted from the queue directory.

1. From the **File** menu, select **Preferences**.

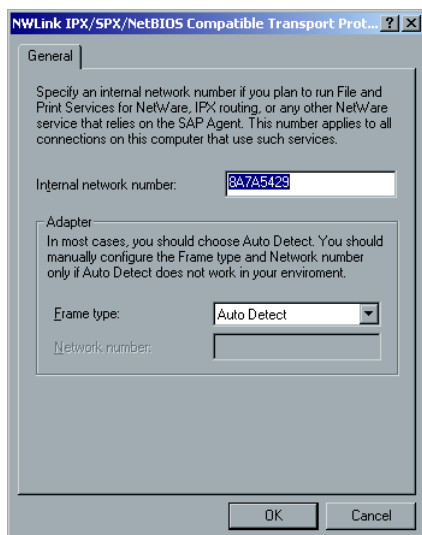
The Preferences window appears.

2. Select **Network Setup**.



3. In the **IPX printing** area, next to the **Tree** parameter, click **Change**.

The Local Area Connection Properties dialog box appears, followed by the NWLink IPX/SPX Properties dialog box.



4. To change the frame type, select a frame type from the **Frame type** list, then click **OK**.
5. In the Local Area Connection Properties window, click **OK**.
You are prompted to restart your computer.
6. Do one of the following:
 - Click **No** if you need to make more changes in the Preferences window.
 - Click **Yes** to reboot.

Changing the TCP/IP setup

Change TCP/IP settings using the Network Setup parameter in the Preferences window.

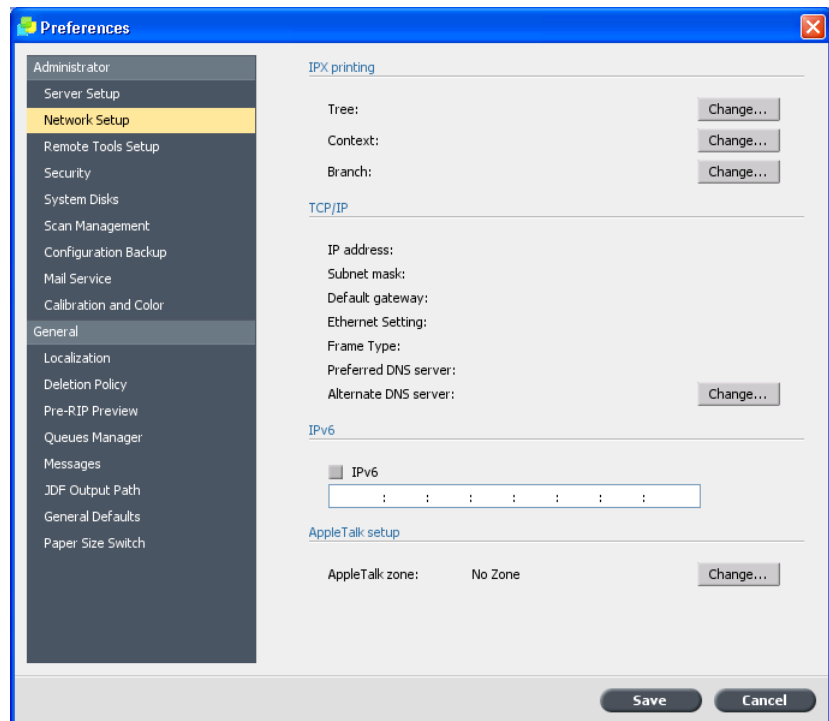
Note: Before changing your network settings, consult your system administrator.

The CX print server is predefined with a default IP address. The TCP/IP option enables you to change this IP address and other TCP/IP settings.

1. From the **File** menu, select **Preferences**.

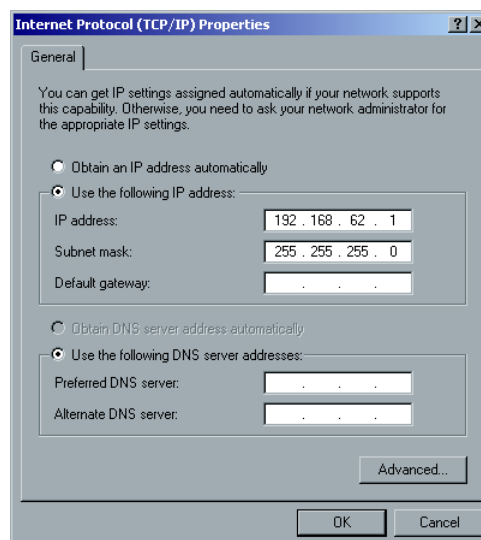
The Preferences window appears.

2. Select **Network Setup**.



3. In the **TCP/IP** area, click **Change**.

The Local Area Connection Properties dialog box appears, followed by the Internet Protocol (TCP/IP) dialog box.



4. Select one of the following options:

- **Obtain an IP address automatically** to change the IP address
- **Use the following IP address**

- a. Type the desired address—for example, 192.168.62.1
 - b. Type the desired Subnet mask—for example, 255.255.255.0
5. Click **OK**.
 6. Click **OK** in the Local Area Connection Properties window.
You are prompted to restart your computer.
 7. Do one of the following:
 - Click **No** if you need to make more changes in the Preferences window.
 - Click **Yes** to reboot.

Changing IPv6 settings

Change IPv6 printing settings using the Network Setup parameter in the Preferences window.

1. From the **File** menu, select **Preferences**.
The Preferences window appears.
2. Select **Network Setup**.
3. In the **IPv6** area, select the **IPv6** check box to enable IPv6 addressing.
4. Type the new IPv6 address (according to your network administrator).
5. Click **Save**.

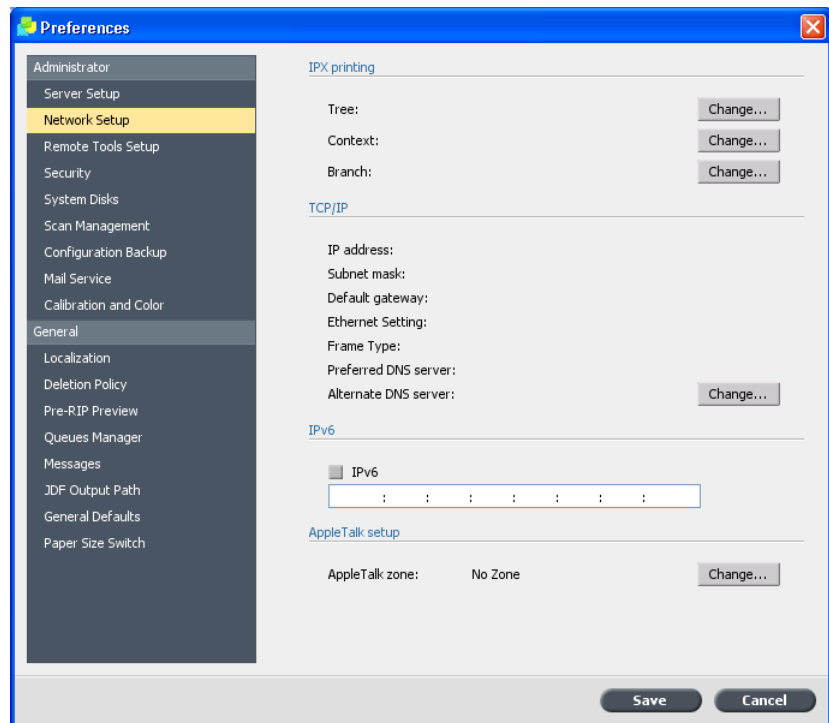
Changing AppleTalk settings

Change AppleTalk® settings using the Network Setup parameter in the Preferences window.

The AppleTalk setup utility enables you to change the AppleTalk zone in which your CX print server is located.

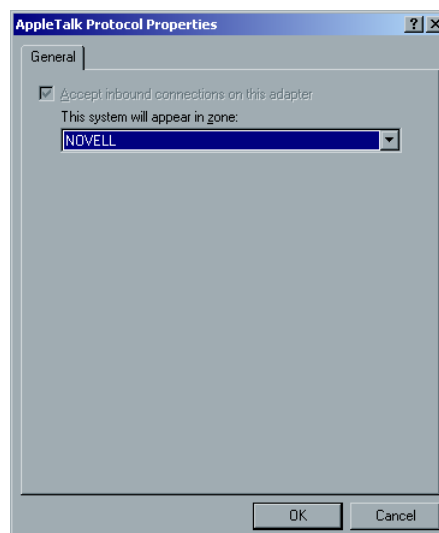
1. From the **File** menu, select **Preferences**.
The Preferences window appears.

2. Select **Network Setup**.



3. In the **AppleTalk setup** area, click **Change**.

The Local Area Connection Properties dialog box appears followed by the AppleTalk Protocol Properties dialog box.



4. From the zone list, select the desired AppleTalk zone for your computer, and click **OK**.

5. In the Local Area window, click **OK**.

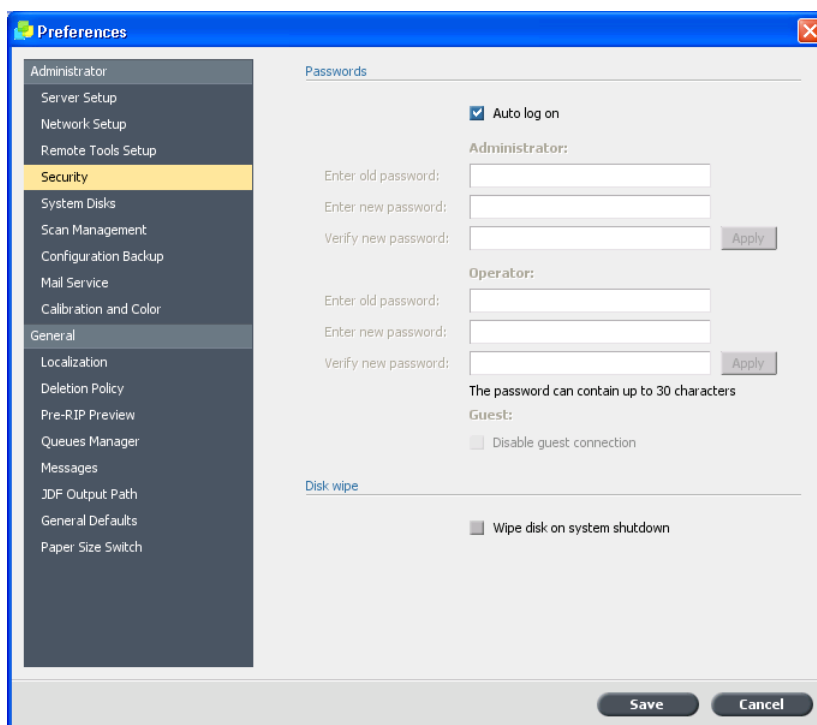
6. In the Preferences window, click **Save**.

After you have exited the CX print server software, a message appears indicating that the AppleTalk zone has been changed. You must restart the CX print server for the changes to take effect.

Changing password settings

Change user passwords and access levels in the Preferences window.

1. From the **File** menu, select **Preferences**.
The Preferences window appears.
2. In the Preferences window, select **Security**.



3. If you want each user to have to log on to the CX print server, In the **Passwords area**, clear the **Auto log on** check box.
Note: The **Auto log on** check box is selected by default.
4. In the **Administrator** area, perform the following steps:
 - a. If you are changing an existing password, type the password in the **Enter old password** box.
 - b. In the **Enter new password** box, type a new password.

- c. In the **Verify new password** box, type the new password again.
- d. Click **Apply**.
5. If you want to set a password for operators, repeat steps 4a-d in the **Operator** area.
6. If you don't want guest users to access the CX print server , select the **Disable guest connection** check box.

Note: This option is not available if you selected the **Auto log on** option.

7. Click **Save**.

Setting the Disk Wipe option

Requirements:

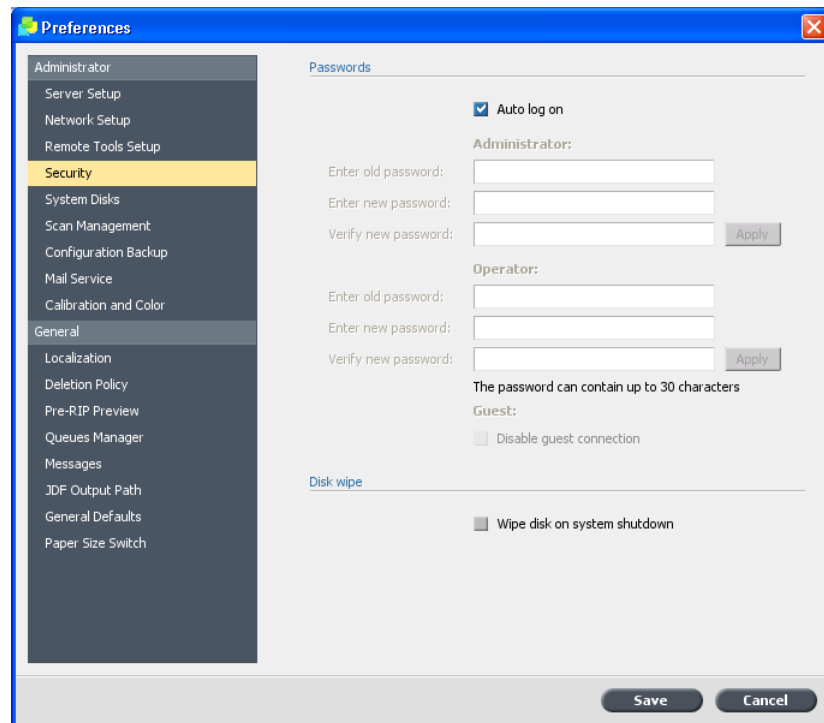
The *Norton Utilities* software should not be installed on the CX print server because the Disk Wipe utility does not function properly with this software.

The Disk Wipe utility enables you to work in a more secure environment, by permanently removing data left by files that you have deleted. The utility eliminates the contents of your deleted files by scanning all of the empty sectors on both the system and image disks, and replacing them with zeros. Non-empty sectors are left untouched.

The Disk Wipe utility starts automatically every time you quit the CX print server software.

1. From the **File** menu, select **Preferences**.

2. In the Preferences window, select **Security**.



3. In the **Disk wipe** area, do one of the following:
 - To enable the Disk Wipe utility, select the **Wipe disk on system shutdown** check box.
 - To disable the Disk Wipe utility, clear the **Wipe disk on system shutdown** check box.
4. Click **Save**.

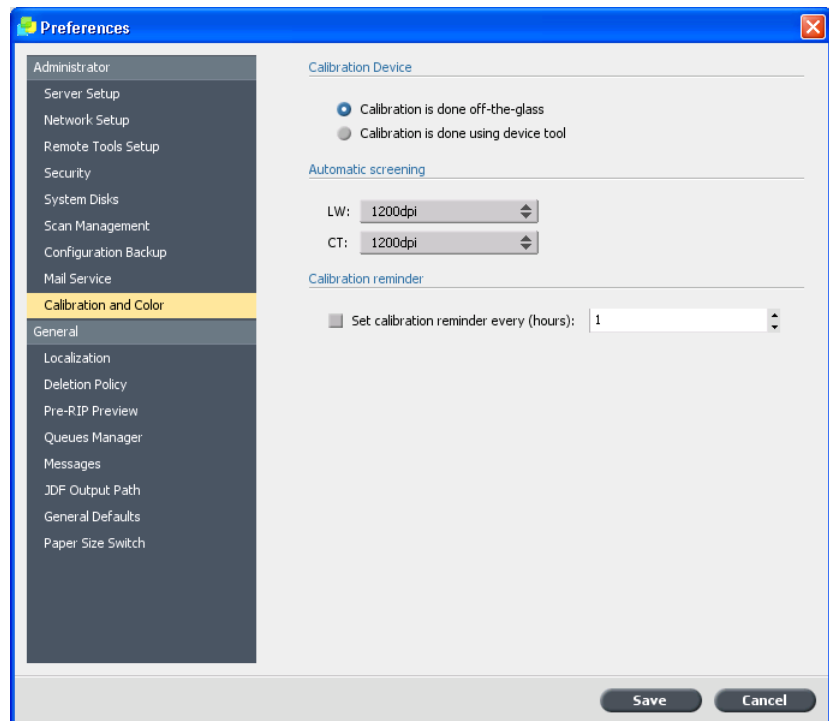
Setting calibration options

Select the calibration method, and set a calibration reminder.


1. From the **File** menu, select **Preferences**.

The Preferences window appears.

2. Select **Calibration and Color**.



3. In the **Calibration Device** area, select one of the following options:
 - **Calibration is done off-the-glass**—uses the scanner platen to measure the calibration charts
 - **Calibration is done using device tool**—uses the spectrophotometer to measure the calibration charts
4. In the **Calibration reminder** area, select the **Set calibration reminder every (hours)** check box, and then select the number of hours from the list, to receive a reminder to perform calibration.

The **calibration reminder** indicator  appears when it is time to calibrate.



Setting up a virtual printer

Virtual printers

The CX print server provides three default virtual printers (network printers).

Virtual printers are used for automating workflows, which then define job streaming. They contain preset workflows that are automatically applied to all print jobs processed with that virtual printer. There is no need to reset job settings for each job, thus increasing printing efficiency.

The three default virtual printers are:

- **SpoolStore:** Files are spooled directly to the Storage area and await operator processing. You can only import PDL files such as: PostScript, PDF, VPS) to this virtual printer, not RIPPed - processed files.
- **ProcessPrint:** Files sent to this virtual printer are processed and printed directly to the Xerox 700 digital color press via the CX print server.
- **ProcessStore:** Files sent to this virtual printer are automatically processed. After processing, the files are stored in the Storage area of the CX print server until the print operator re-submits them for printing.

In addition to using the default virtual printers, you can also create a virtual printer, or edit a virtual printer's settings.

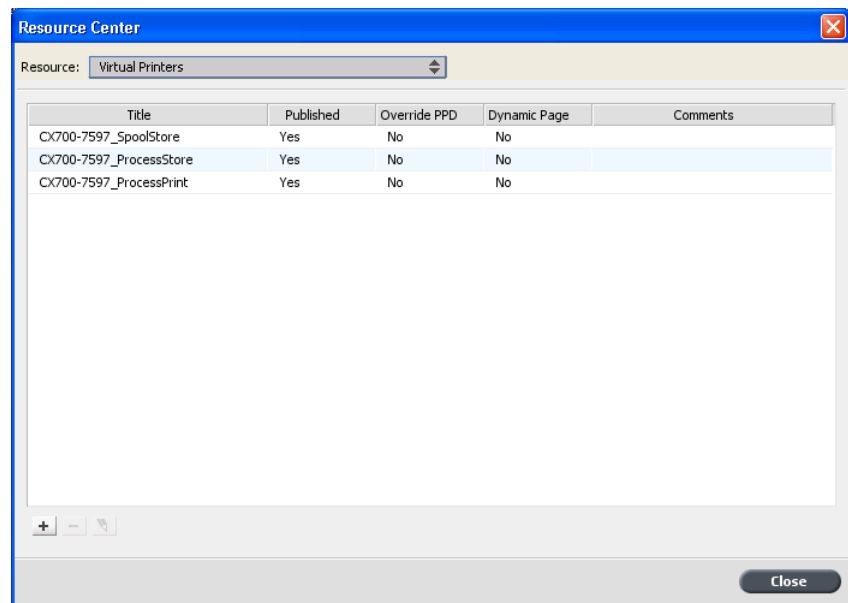
Adding a virtual printer

This procedure describes how to add a new virtual printer and then edit job parameters of the virtual printer.

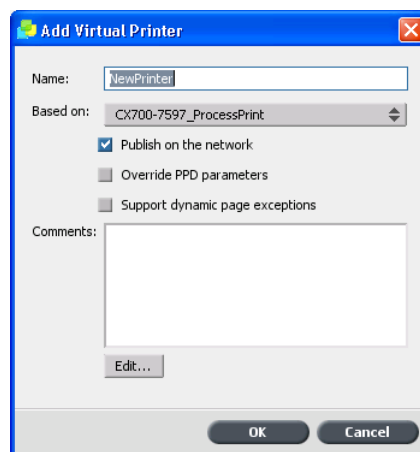
When you add a new virtual printer, you can specify if it is published on the network and if the virtual printer parameters will override the PPD parameters. If a job that is sent from the client, or downloaded to a particular virtual printer contains preset parameters from the PPD, these options overwrite the parameters set in the virtual printer for that job.

The **Printer Default** options defined in the PPD file use the default parameters set for that particular virtual printer.

1. From the **Tools** menu, select **Resource Center**.



2. In the **Resource** list, make sure that **Virtual Printers** is selected.
3. Click **Add +**.



4. In the **Name** box, type a name for the new printer that you want to add.
5. From the **Based on** list, select an existing printer with similar settings.
6. The **Publish on the network** check box is selected by default. Clear the check box if you do not want to publish the printer on the network.

7. Select the **Override PPD parameters** check box if you would like the virtual printer settings to override the parameters set in the PPD file.
8. In the **Comments** box, type any comment regarding the virtual printer parameters (optional).
9. Click **Edit** to change the job parameters of your new virtual printer.

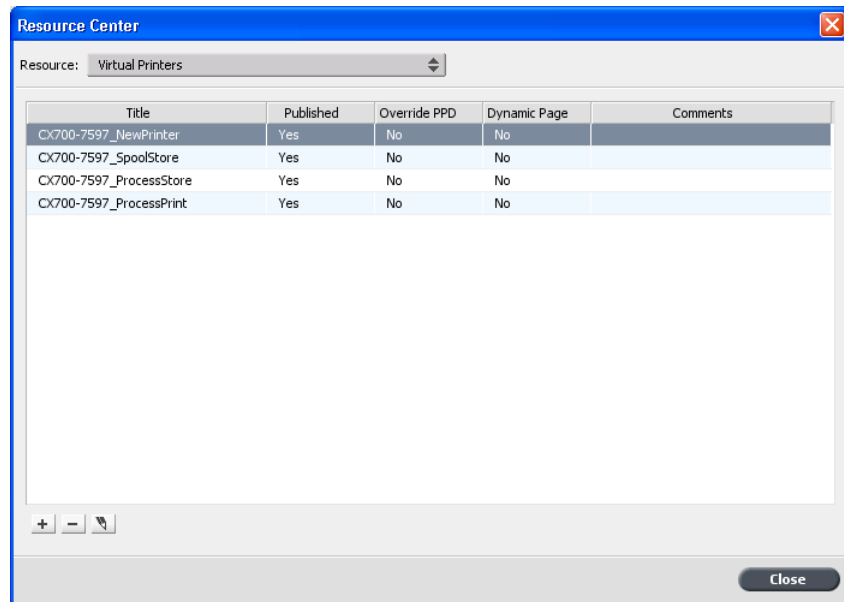
Note: If you don't edit the job parameters, the settings of the new virtual printer are taken from the printer on which it was based.

10. Click **OK**.


The new printer appears in the virtual printer list.

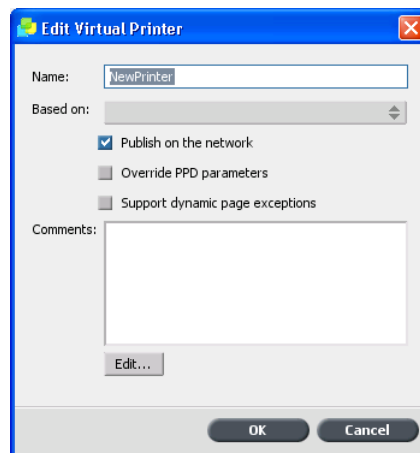
Editing a virtual printer's settings

1. From the **Tools** menu, select **Resource Center**.



2. In the **Resource** list, make sure that **Virtual Printers** is selected.

3. From the virtual printer list, select the virtual printer that you want to edit, and then click **Edit** .

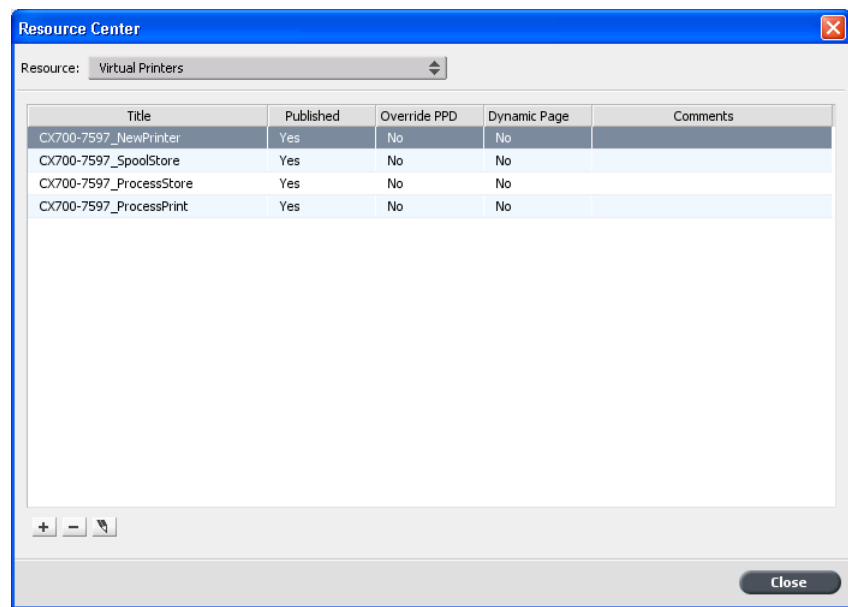



4. Clear or select any of the check boxes, as desired.
5. Click the **Edit** button to change job parameters.
6. Click **OK**.

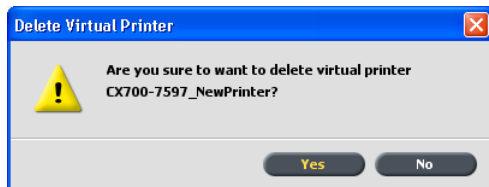
Removing a virtual printer

The three default virtual printers cannot be deleted.

1. From the **Tools** menu, select **Resource Center**.



2. In the **Resource** list, make sure that **Virtual Printers** is selected.
3. From the virtual printer list, select the virtual printer that you want to delete, and then click **Delete** .



4. Click **Yes**.

Maintaining your settings

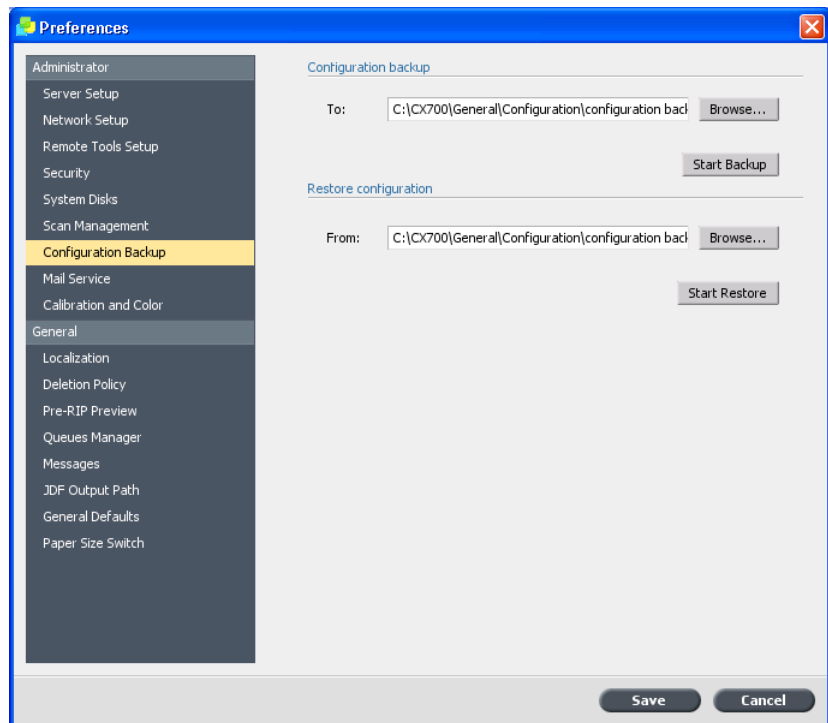
Backing up the configuration

You can back up your configuration to a local hard disk, network drive, or to CD or DVD media.

1. From the **File** menu, select **Preferences**.

The Preferences window appears.

2. In the **Preferences** window, select **Configuration Backup**.



3. In the **Configuration backup** area, click **Browse**.

The Save dialog box appears.

4. Locate the desired folder for backup.
5. Enter the file name.

Note: It is recommended that you use the current date as part of the file name.

6. Click **Save**.
7. In the **Configuration backup** area, click **Start Backup**.

After a few moments, the backup complete message appears.

Note: The last path is saved and displayed to the path box. If the backup was made to external media, the displayed path will be the default: **C:\CX700\General\Configuration**.

Restoring the configuration

Requirements:

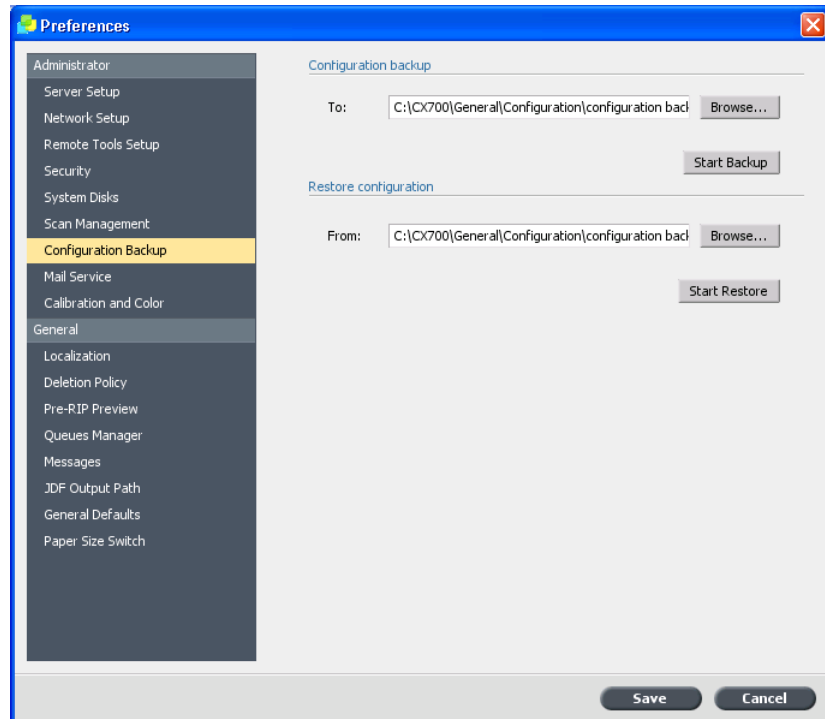
Make sure that you have previously backed up your configuration.

The configuration file extension is **.cnf**

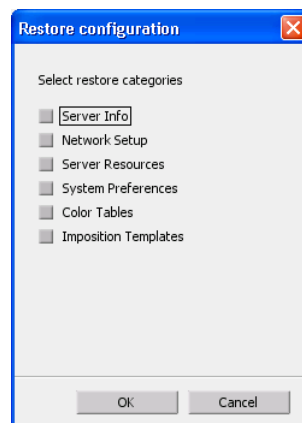
1. From the **File** menu, select **Preferences**.

The Preferences window appears.

2. In the **Preferences** window, select **Configuration Backup**.



3. In the **Restore configuration** area, click **Browse**.
The Open dialog box appears.
4. Locate the folder in which you backed up the configuration.
5. Select the file, and then click **Open**.
6. Click **Start Restore**.



7. Select the categories that you want to restore, and click **OK**.

All custom tables and sets—for example, new virtual printers— are added to the system when you restore the configuration.

4

Setting up your client workstation

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Setting up your Windows client workstation

Add a virtual printer to your Windows client workstation

Before you can print from a client workstation, you need to add a CX print server virtual printer.

To print from a Windows-based client workstation, you first need to add a CX print server virtual printer to your client workstation. Use one of the following methods to add a virtual printer:

- Add Printer Wizard
- Network neighborhood

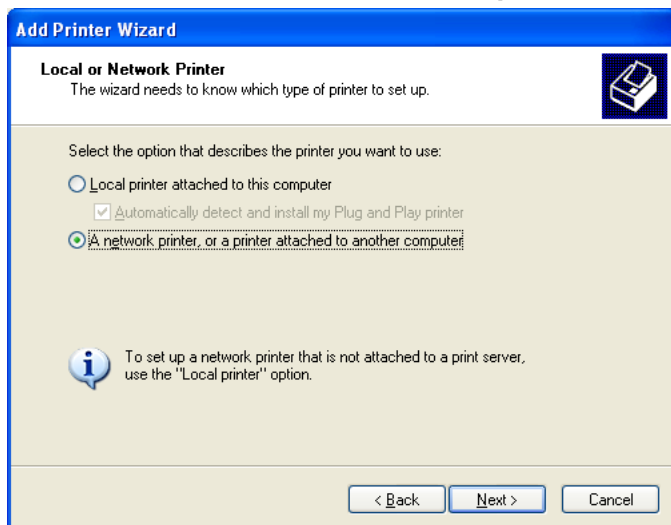
When you add a virtual printer, the Print Driver software and PostScript printer description (PPD) file are automatically copied to your computer.

Using the Windows Add Printer Wizard to define a virtual printer

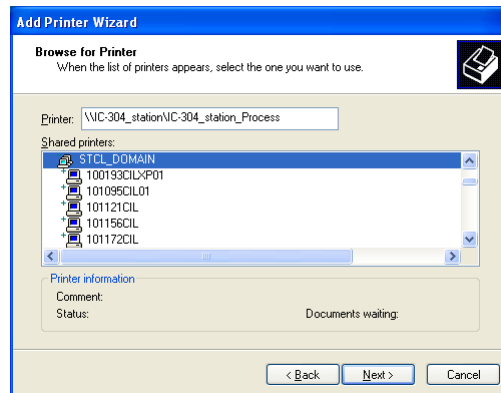
Requirements:

Use this procedure if you have *Windows XP* or *Windows 2000*.

1. From the **Start** menu, select **Settings > Printers and Faxes**. The Add Printer Wizard appears.
2. Click **Next**.
3. In the **Printer Tasks** area, select **Add a printer**.



4. Select **A network printer, or a printer attached to another computer** and then click **Next**.
5. Select **Browse for a printer**, and click **Next**.
6. Find the CX print server and double-click it to display the list of network printers.



7. Select the desired printer, and click **Next**.
8. Select one of the following:
 - **Yes** if you want to set this printer as the default printer on your computer.
 - **No** if you don't want to set the printer as the default printer on your computer.
9. Click **Next**.
10. Click **Finish** to close the wizard.

The CX print server virtual printer is added to your printer list. In addition, the Print Driver software and **PPD** file are automatically installed.

Using the network neighborhood to define a virtual printer

Requirements:

You must have *Windows XP* or *Windows Vista*®.

1. From the **Start** menu, select **Run**.
2. In the **Open** box, type \\, followed by the host name or IP Address of the color server, and click **OK**.
The server window opens.
3. Double-click the desired network printer icon..

The CX print server virtual printer is added to your printer list. In addition, the Print Driver software and **PPD** file are automatically installed.

Deactivating the Print Driver software

The Print Driver software is enabled by default. Deactivate the Print Driver software if you want to access **PPD** file parameters.

1. From the Windows **Start** menu, select **Settings > Printers and Faxes**.
2. Right-click the printer icon, and select **Properties**.
3. Click the **Print Driver** tab.
4. In the **Enable enhanced user interface list**, select **off**.
5. Click **Apply**.
6. Click **OK** to close the dialog box.

Uninstalling the Print Driver software

Perform this procedure if you need to upgrade to a later software version of the Print Driver, or if you want to install the Print Driver for a printer with a different name.

1. From the Windows **Start** menu, select **Settings > Printers and Faxes**.
2. Right-click the CX print server virtual printer, and select **Delete**.
The printer is deleted from your client workstation.
3. In the Printers and Faxes window, from the **File** menu, select **Server Properties**.
4. In the Print Server Properties dialog box, click the **Drivers** tab.
5. Select the printer and click **Remove**.
The driver is removed.
6. From the Windows **Start** menu, select **Run**.
7. Locate the server.
8. Navigate to **D:\Utilities\PC Utilities\Driver Extension**.
9.
 - If you are using *Windows XP*, double-click **Creo_Driver_Uninstall.exe**
 - If you are using *Windows Vista*, right-click **Creo_Driver_Uninstall.exe**, and select **Run as Administrator**.

The Print Driver software is uninstalled.

Downloading fonts to a Windows-based client workstation

Use the **HF_Fontdownloader** hot folder, located in **D:\HotFolders**, to install new or missing fonts to the CX print server fonts directory. Simply drag the fonts from the client workstation to the hot folder.

The **HF_Fontdownloader** hot folder can be used with the following operating systems:

- *Windows Vista*
- *Windows 2000*
- *Windows XP*
- *Windows 2003*

Setting up your Macintosh client workstation

Copying the PPD file for Mac OS X

This procedure is the first step in adding a virtual printer on your Macintosh client workstation.

1. From the **Go** menu, select **Connect to Server**.
The Connect to Server dialog box appears.
2. Locate the desired CX print server in the network and then double-click it.
3. In the Connect to Server dialog box, select **Guest**.
4. Click **Connect**.
5. Select the **Utilities** volume, and click **OK**.
6. On the desktop, double-click the **Utilities** volume icon.
7. Double-click the **PPD** folder.
8. Double-click the desired language folder.
9. Double-click the **MACOSX** folder and locate the **CX700_V1.PPD** file.

For best results, copy the **PPD** file by dragging it to the specified folder in your local disk. To do this, open another Finder window.

10. From the **Go** menu, select **Computer**.
11. Click your disk icon, and locate the required folder—for example, **Library\Printers\PPDs\Contents\Resources**.
12. Select the desired language folder—for example, **en.lproj** for English.

13. Select either the **Europe_A4** or **US_Letter** folders.
14. Drag the **CX700_V1.PPD** file to the folder.

Setting a virtual printer for Mac OS X- IP, SMB, or Appletalk

Set a network printer, which is the second step in adding a network printer on your Macintosh client workstation

Requirements:

Make sure that the **PPD** file has been copied to the correct folder on your client workstation.

1. From the **Go** menu, select **Applications**.
2. Open the **Utilities** folder and then double-click **Printer Setup Utility**.
3. Click the **Add Printer** button.
4. Select either **Default Browser** or **IP Printer**.
5. Browse to the CX print server virtual printer (if you are defining an IP printer, enter the CX print server IP address or host name, and the exact name of the printer to which you want to print—for example, **<server_name>_Print**).
6. In the **Printer Using** list, select **Other**.
7. Browse to the folder to which you copied the **CX700_V1.PPD** file and select it.
8. Click **Open** to assign the **CX700_V1.PPD** file to the selected network printer.
9. Click **Add** to add the new printer to the printer list.

You have successfully installed a network printer for the CX print server and are ready to start printing.

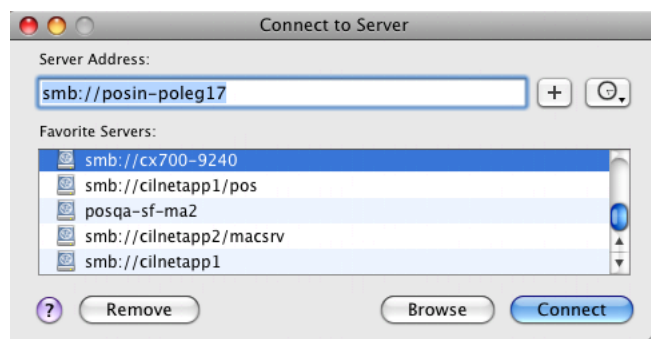
Downloading fonts to Mac OS 9

1. From the Apple® menu, select **Chooser**.
2. Select **Appleshare**, and find the CX print server
3. Select the CX print server, and click **OK**.
The Login dialog box appears.
4. Log in as **Guest**, and click **Connect**.
The CX print server window appears.
5. Select the **Utilities** folder, and click **OK**.

6. Double-click the **Adobe Downloader 5.0.5** folder.
7. Copy the **Adobe Downloader 5.0.5** file to your desktop.
8. From the **Apple** menu, select **Chooser**.
The Chooser window appears.
9. Select **LaserWriter (8.x)** and select the required fontdownloader.
10. Click **Create**.
11. Double-click the **Downloader 5.05** on your desktop.
12. From the **File** menu, select **Download Fonts**.
13. In the **Fonts** list, select the desired font folder.
14. Verify that the selected device is **Disk 0**.
15. Add all the desired PostScript fonts, and click **Download**.

Installing the Print Driver Software on Macintosh OS X (10.4 or later)

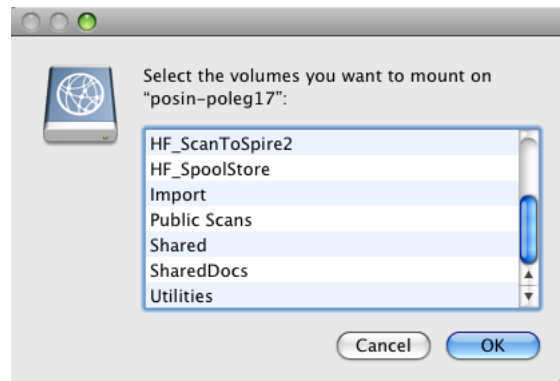
1. From the **Go** menu, select **Connect to Server**.



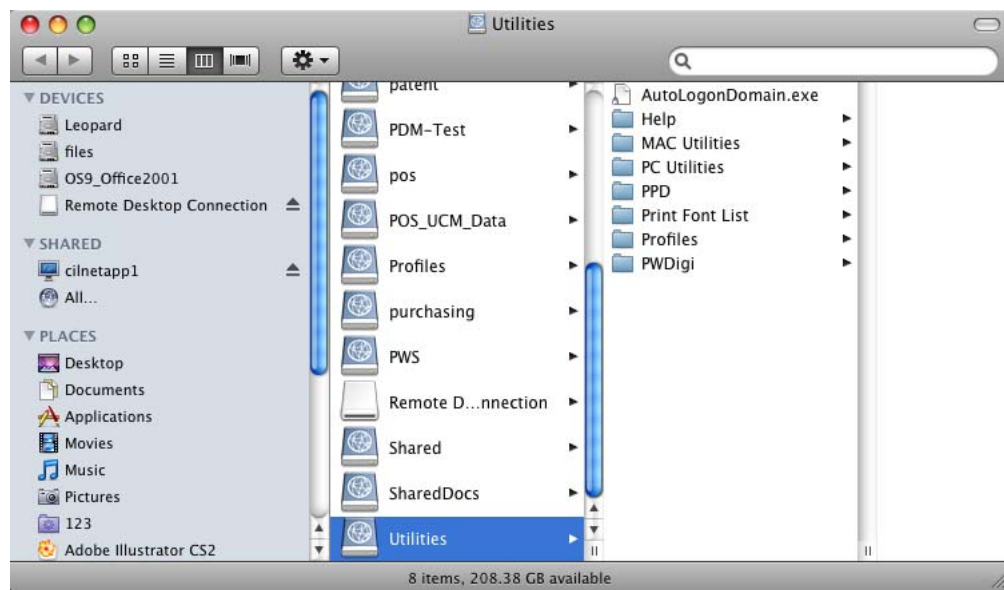
2. In the **Server Address** box, type your server address, and click **Connect**.
3. In the **Connect as** area, select **Guest**.

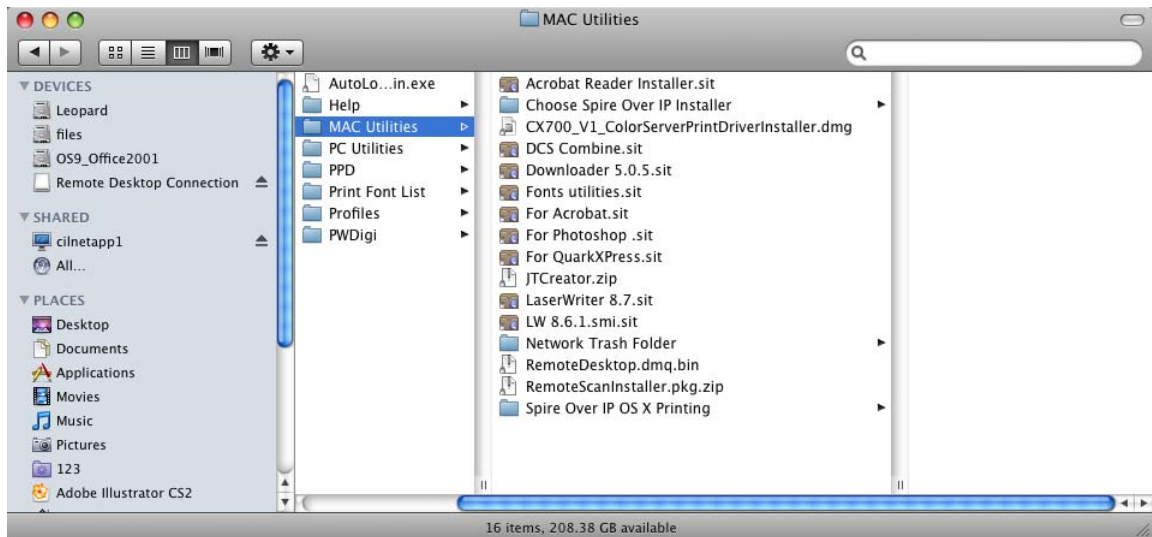
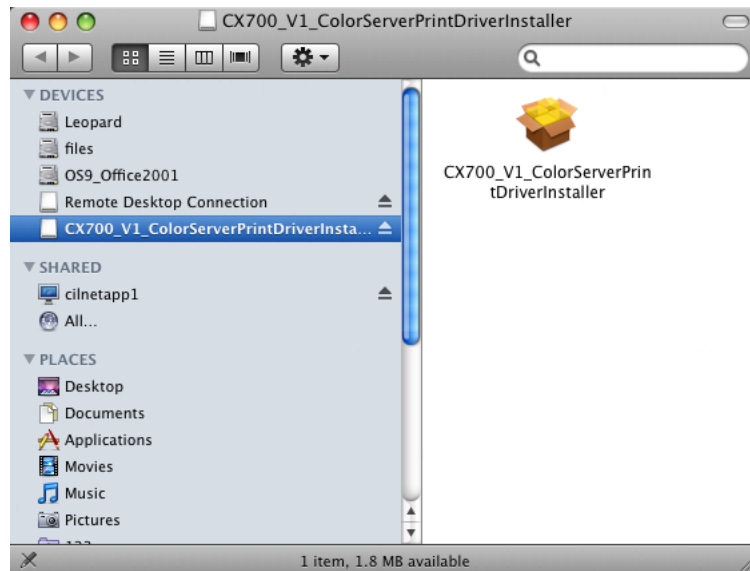


4. Click **Connect**.

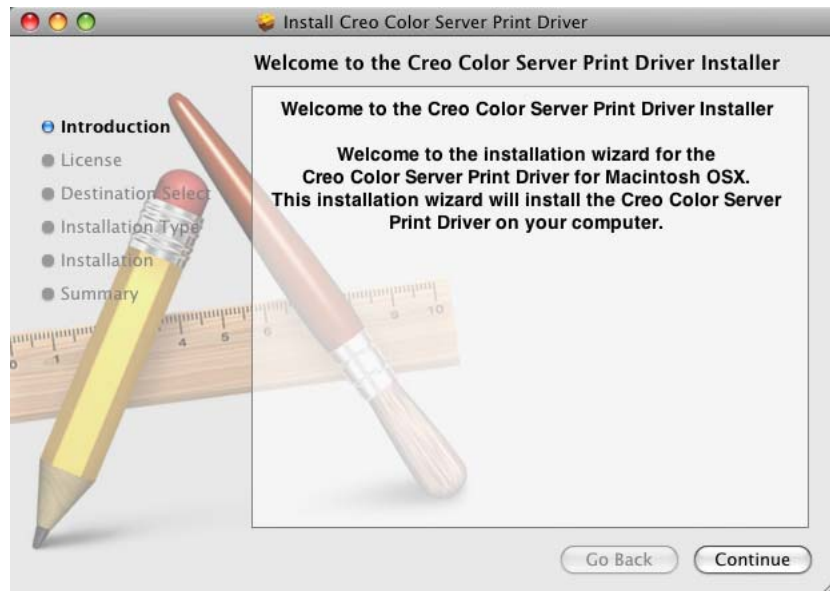


5. Select **Utilities** and click **OK**.

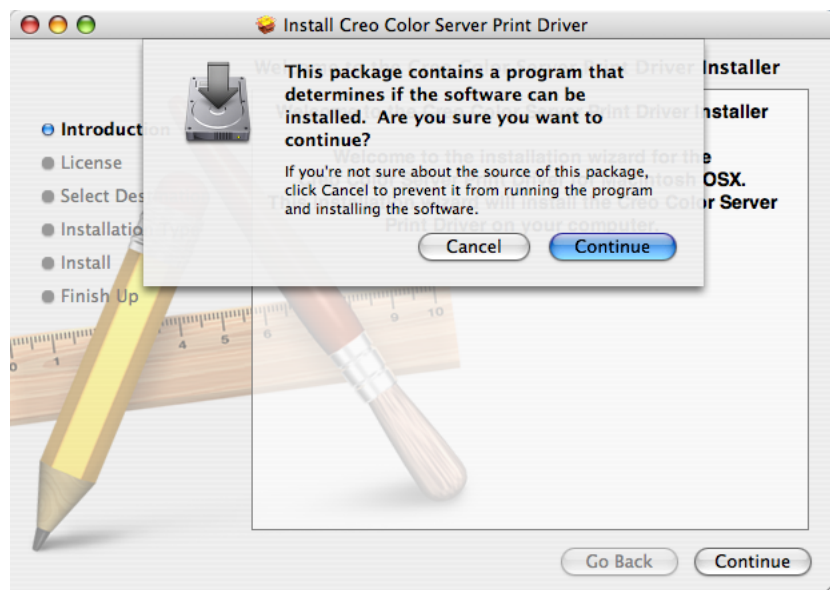


6. Select the **Mac Utilities** folder.7. Double-click **CX700_V1_ColorServerPrintDriverInstaller.dmg**.

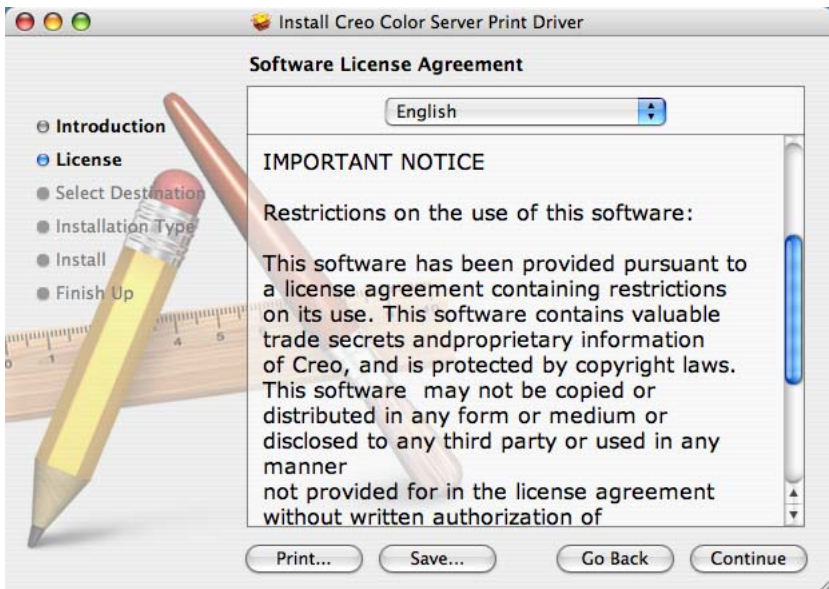
8. Double-click the **CX700_V1_ColorServerPrintDriverInstaller** file.



9. Click **Continue**.

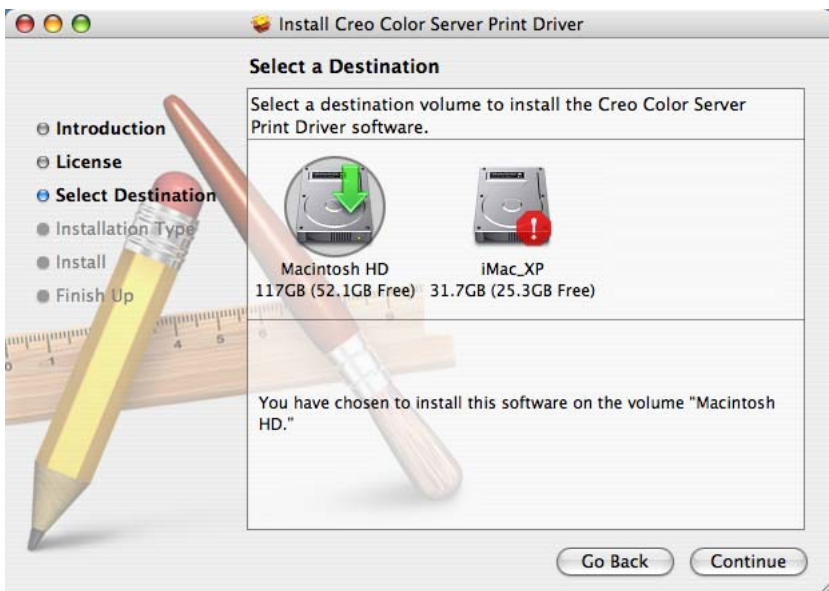


10. In the warning message window, click **Continue**.

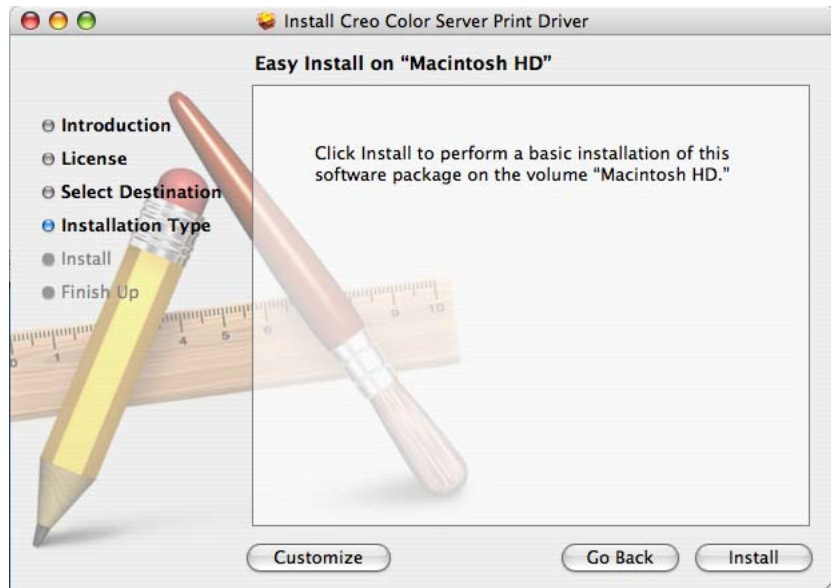


11. In the Software License Agreement window, click **Continue**.

12. Click **Agree** to agree to the terms and continue with the installation procedure.



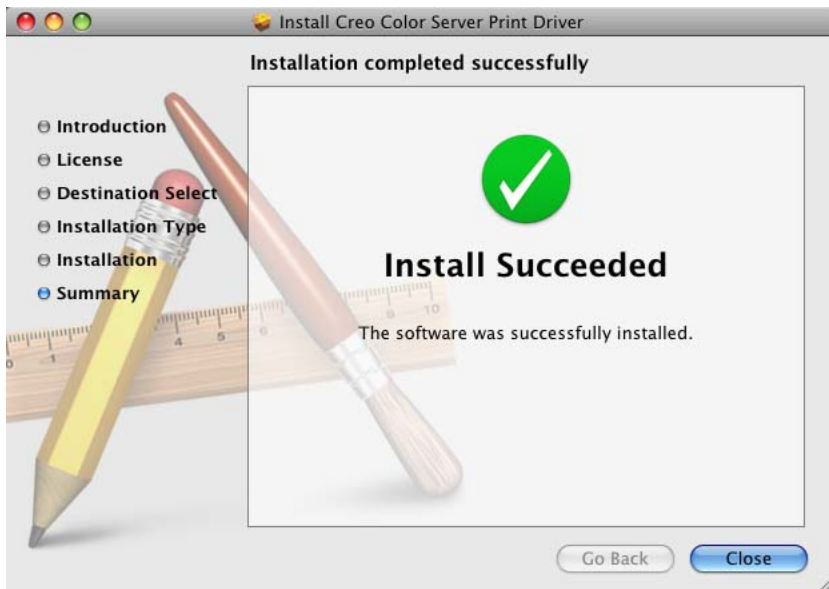
13. In the Select Destination window, select the hard disk, and click **Continue**.



14. Click **Install**.



15. Type your name (if necessary) and password, and click **OK**.



16. Click **Close**.


The Print Driver software is installed. During the print driver installation process, the PPD files are also installed.

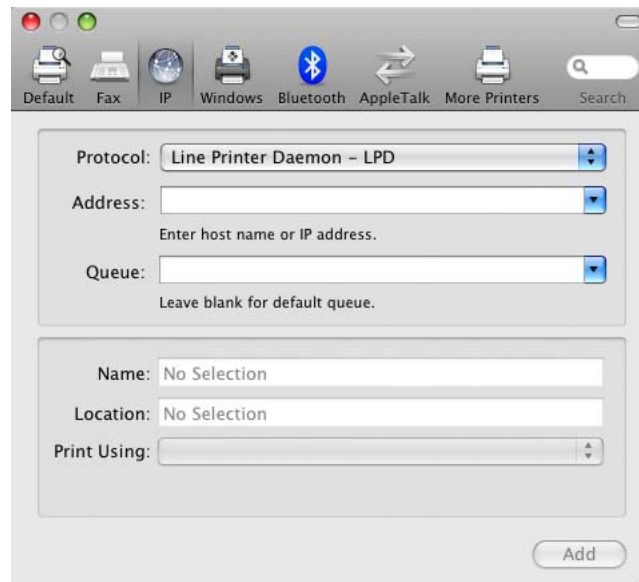
Defining a printer with the Print Driver software on a Macintosh client workstation

Requirements:

Have the following information available before performing this procedure:

- Network address of your CX print server
- Name of the virtual printer that you want to use with the Print Driver software

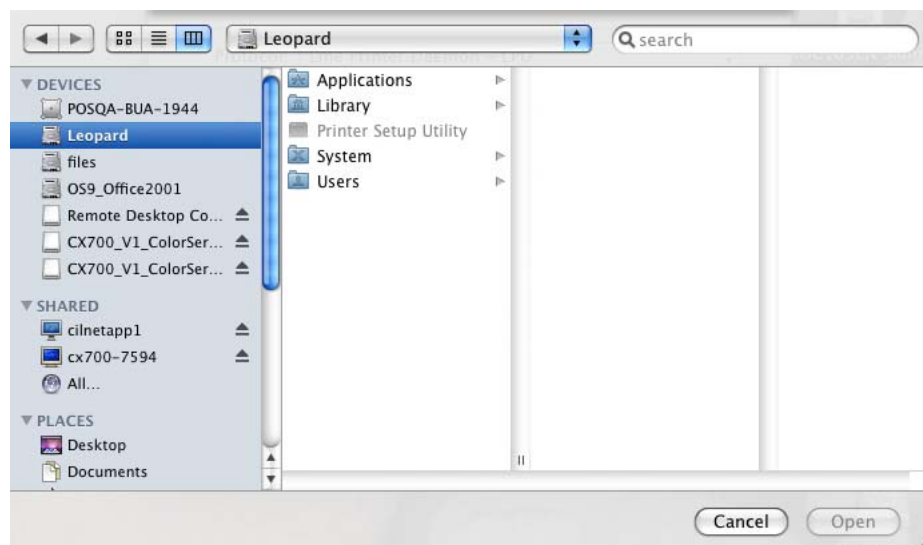
1. Open the System Preferences window, and double-click **Print & Fax**.
2. In the Print & Fax window, do one of the following.
 - For Mac OS X 10.5, click the **Add** button to add a printer.
 - For Mac OS X 10.4, click the **add**  button.



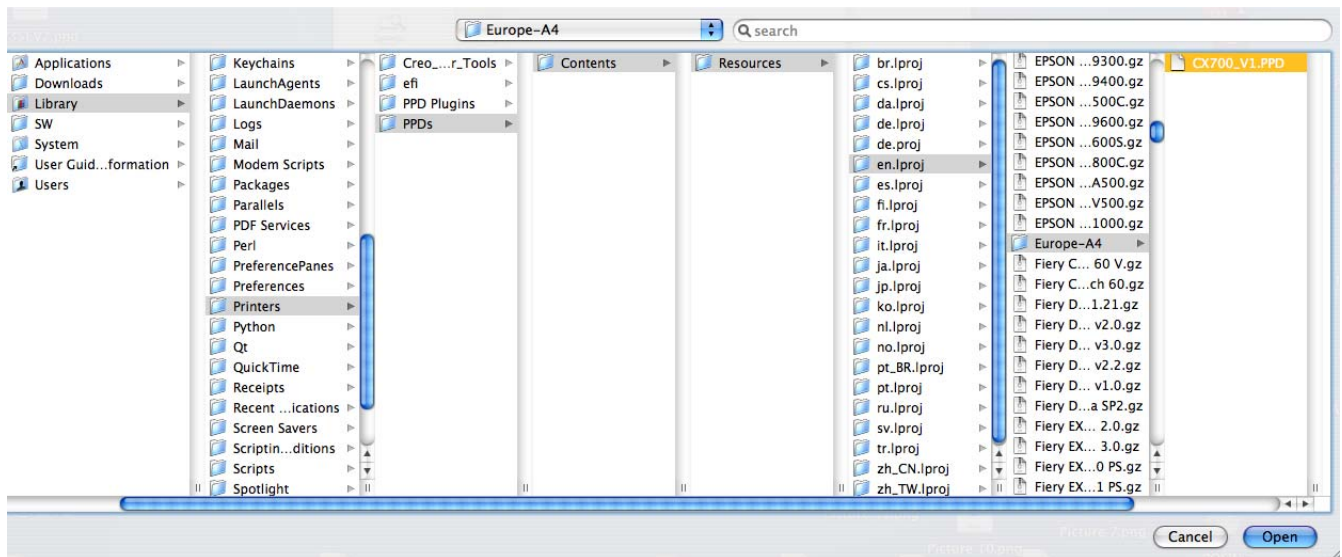
Note: You can also define your printer using the **Default** option.

3. In the add printer window, enter the following information.

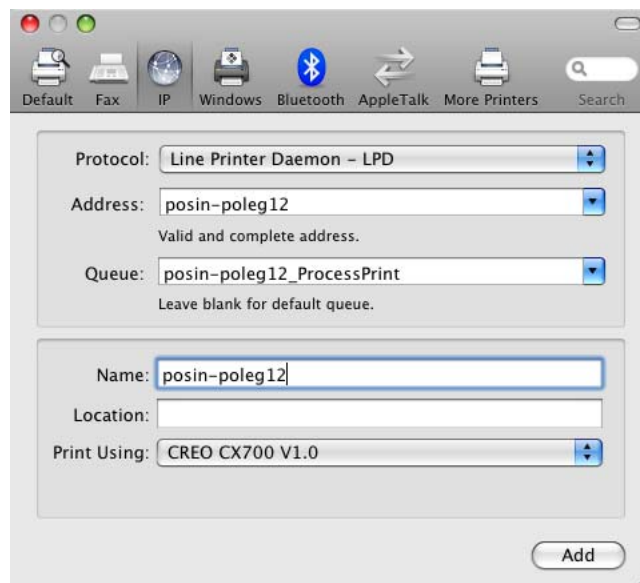
- In the **Address** box, type the address of your server.
- In the **Queue** box, type the full name of the virtual printer that you want to use with the Print Driver software.
- In the **Name** box, type the server name.
- In the **Print Using** list, select **Other**.



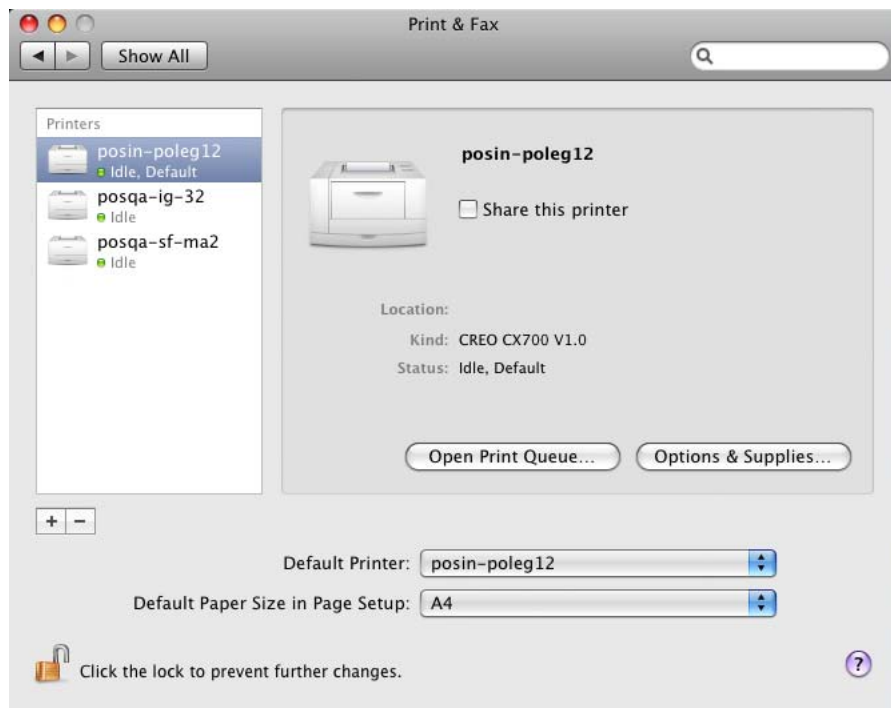
4. Go to **Library > Printers > PPDs > Contents > Resources > en.lproj**, select either **Europe_A4** or **US_Letter**, and then select the **PPD file, CX700_V1.PPD**.



5. Click **Open**.



6. Click **Add**.

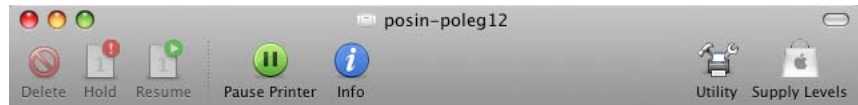


7. Close the Print & Fax window.

The virtual printer is now defined with the **PPD** file.

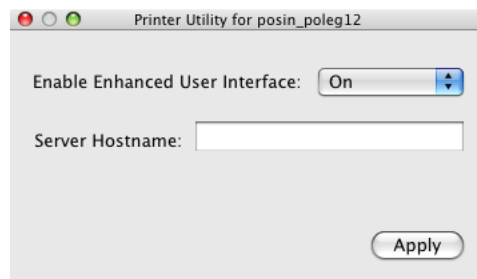
Enabling the Print Driver software on a Macintosh client workstation

1. In the Print & Fax window, double-click the virtual printer.

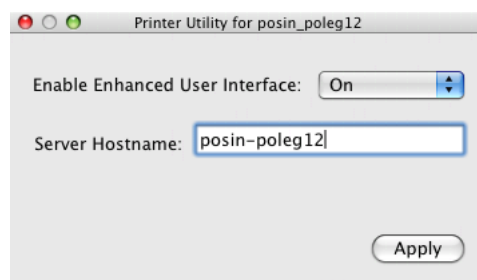


Status	Name	User	When	Completed

2. Click **Utility**.



3. In the **Enable Enhanced User Interface** list, make sure that **On** is selected.
4. In the **Server Hostname** box, type the server name.




5. Click **Apply**.

Uninstalling the Print Driver software

Perform this procedure if you need to upgrade to a later software version of the Print Driver, or if you want to install the Print Driver for a printer with a different name.

Requirements:

Quit all open applications.

1. Open the System Preferences window, and double-click **Print & Fax**.
2. In the Print & Fax window, select the virtual printer.
3. Click **delete**  to delete the virtual printer, and click **OK**.
4. Browse to **Library > Printers > Creo_Color_Server_Tools**, and delete the **Creo_Color_Server_Tools** folder.
5. Browse to **Library > Receipts** folder, and delete all of the **CX700_V1*.pkg** files.

The Print Driver software is uninstalled.

5

Printing a file

Print from a Windows client workstation	48
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Printing from the color server	56

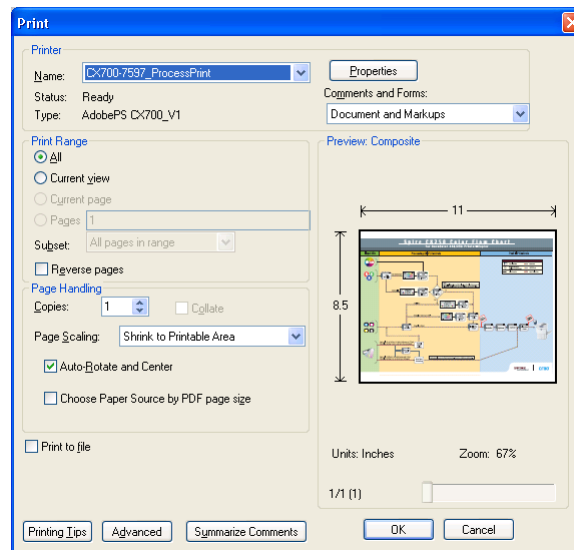
Print from a Windows client workstation

Printing a job using the Print Driver software

Requirements:

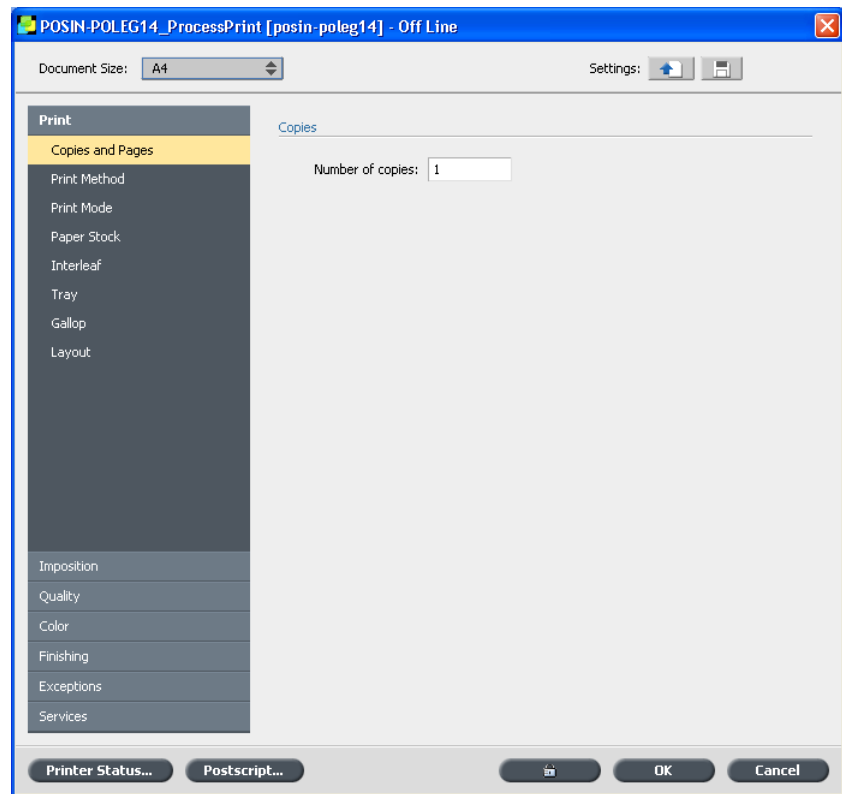
A virtual printer must be defined on your client workstation.

1. Open the file you would like to print in the corresponding application—for example, open a PDF file in *Adobe Acrobat*.
2. From the **File** menu, select **Print**.
The Print dialog box appears.
3. In the **Name** list, select the desired CX print server virtual printer—for example, **<servername>_ProcessPrint**.

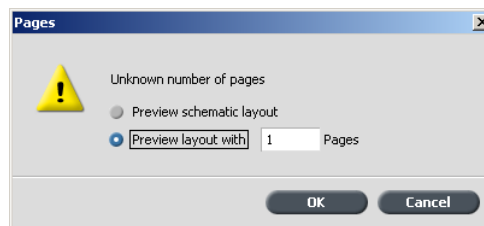


4. To modify job parameters, click **Properties**.
If this is the first time that you are using the Print Driver software, a message tells you that the software is loading. A dialog box appears with the print parameters.

Note: This process may take a few minutes.




5. (Optional) If you edit imposition parameters and want to preview your layout perform these steps:
 - a. Under **Imposition**, click **Preview**.



- b. Select the **Preview layout with** option and type the number of pages in your file.
 - c. Click **OK**.
6. When you finish modifying the job parameters, click **OK**.
7. Click **OK** in the Print dialog box.
The file is sent to the CX print server.

Print a secure job

The CX print server enables you to protect sensitive data and control its printing. You can password-protect a job on your client workstation and submit it to one of the virtual (network) printers on the CX print server. The job appears in the print queue or the **Storage** area with a **locked**  indicator. You must unlock the job (by typing in a password) before you can change job parameters or print the job.

As soon as the job is printed, it is automatically deleted. If the job fails during processing or printing, or the job is aborted, it moves to the **Storage** area.

To reprint the job, you must use a password.

Locking a job

Requirements:

- A CX print server (network) printer must exist on your client workstation.
- On Mac client workstations, the Print Driver software must be installed and enabled.
- The printer status on the CX print server must be in **Ready** mode.

You can password-protect a job in any application on your client workstation, using the Print Driver software.

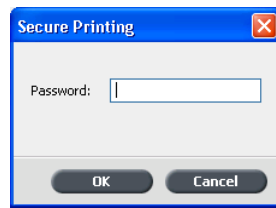
1. On your client workstation, open any *PowerPoint*® file.
2. From the **File** menu, click **Print**.
3. In the Print dialog box, in the **Name** list, select the name of the CX print server virtual printer that you want to submit your file to.
4. Click the **Properties** button.

Note: If this is the first time that you are printing with this CX print server virtual (network) printer, the **Print Driver** installation wizard starts. At the end of the installation process, click **Finish**.

The Print Driver window appears.

5. In the Print Driver window, click the **Lock**  button.

The Secure Printing dialog box appears.



6. In the **Password** box, type a password consisting of four numeric characters—for example, 9999.

Note: The password should consist of exactly four numeric characters.

7. Click **OK**.

The job is locked.

8. In the Print Driver window, click **OK**.
9. In the Print dialog box, click **OK** to submit the locked job to the CX print server virtual printer.

Printing a job using PPD file parameters

Requirements:

- By default, the **Printer's Default** option is selected for all PPD file parameters. The **Printer's Default** option corresponds to the settings of the currently selected virtual printer.
- Grayscale images created in RGB applications (such as *PowerPoint*) should be specified as monochrome, or in the PPD file. Select **Color > Color, Print grays using black toner** in the PPD file when you submit the job to the CX print server. This selection ensures that grayscale images are counted as black and white instead of color in both the CX print server and in the Xerox 700 digital color press billing meters.

1. In the Print dialog box, depending on the software that you are using, do one of the following:
 - Click **Properties**, and then click **Advanced**.
 - Click **Advanced**.

The Advanced Options window appears. The PPD file parameters are listed under **Document Options > Printer Features**.

2. Click the desired parameter, and then select the desired option from the drop-down list. Repeat for each parameter that you want to change.
3. Click **OK** to close the Advanced Options window.

The job prints with the PPD file parameters that you selected.

Printing a job using hot folders

Use hot folders to automate your workflow.

Requirements:

Successful completion of the procedure, Add a virtual printer to your Windows client workstation.

Hot folders enable you to automate your workflow and help save time when you submit files to print. You can use hot folders to process and print files from any computer.

1. On your Windows desktop, double-click the **My Network Places** icon.
2. Locate the CX print server, and then double-click it .
A list of all the shared folders, hot folders, and virtual printers appears.
3. Double-click the desired hot folder—for example, **HF_ProcessPrint**.

Tip: You can also drag the hot folder icon to your desktop to create and use a shortcut to the folder in the future.

You can now drag the desired files to the hot folder. All the files are processed and printed automatically to the printer, according to the hot folder workflow.

Print from a Macintosh client workstation

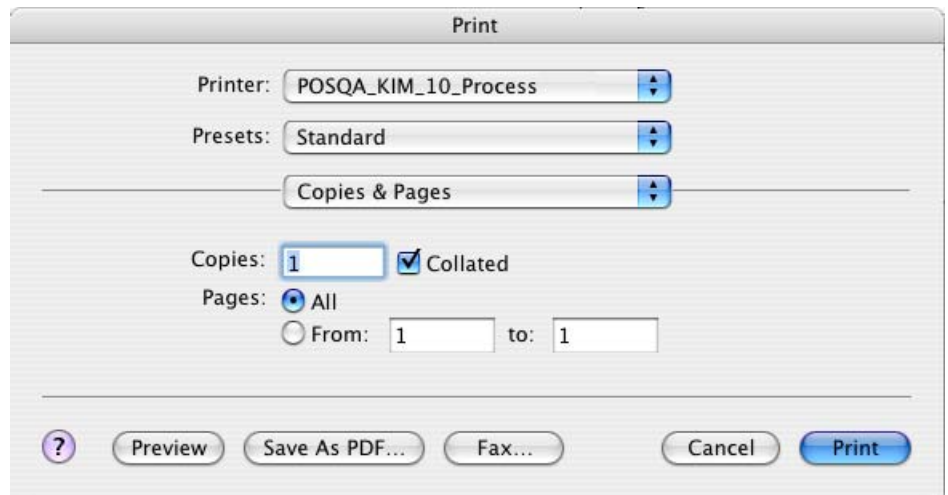
You can submit jobs using the CX print server printers over a TCP/IP protocol. This connection enables a significantly higher spooling speed.

Printing a job using the PPD file

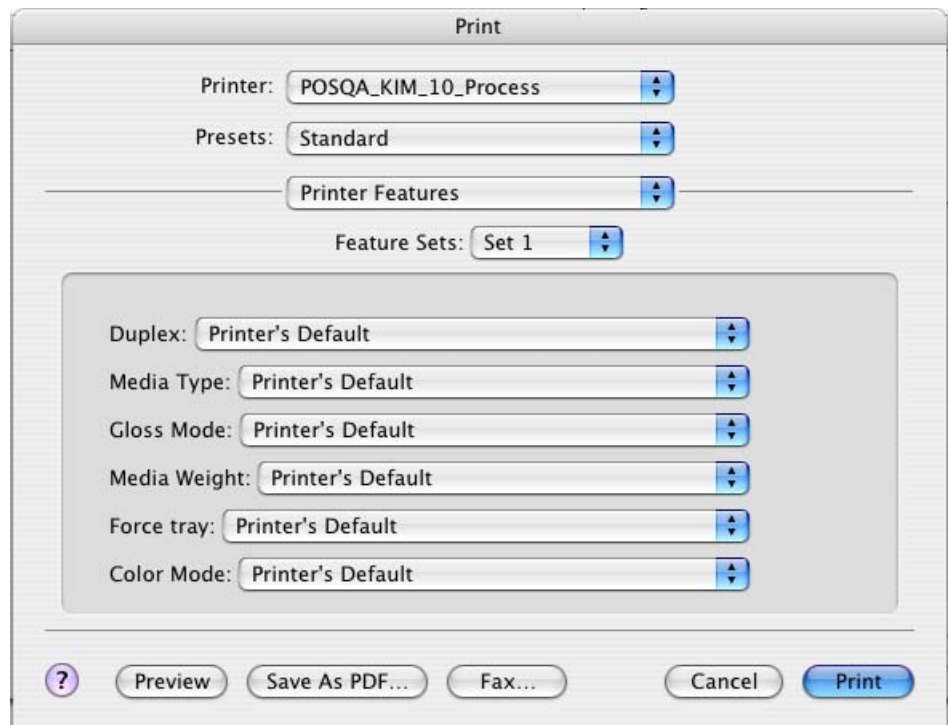
Send files to print from any DTP application.

1. Open the file you would like to print in the corresponding application—for example, open a Quark® file.

2. From the **File** menu, select **Print**.



3. From the **Printer** list, select the desired printer.
4. In the **Copies & Pages** list, select **Printer Features**.



5. Adjust the printer options as desired.

Note: The PPD parameters are divided into sets in the **Feature Sets** list. The Printer's Default option indicates that the value is taken from the virtual printer that is currently selected.

6. After modifying the job settings, click **Print**.

The file is sent to the CX print server.

Printing a job using a hot folder

Requirements:

Successful completion of the procedure, Adding a virtual printer to your Macintosh client workstation.

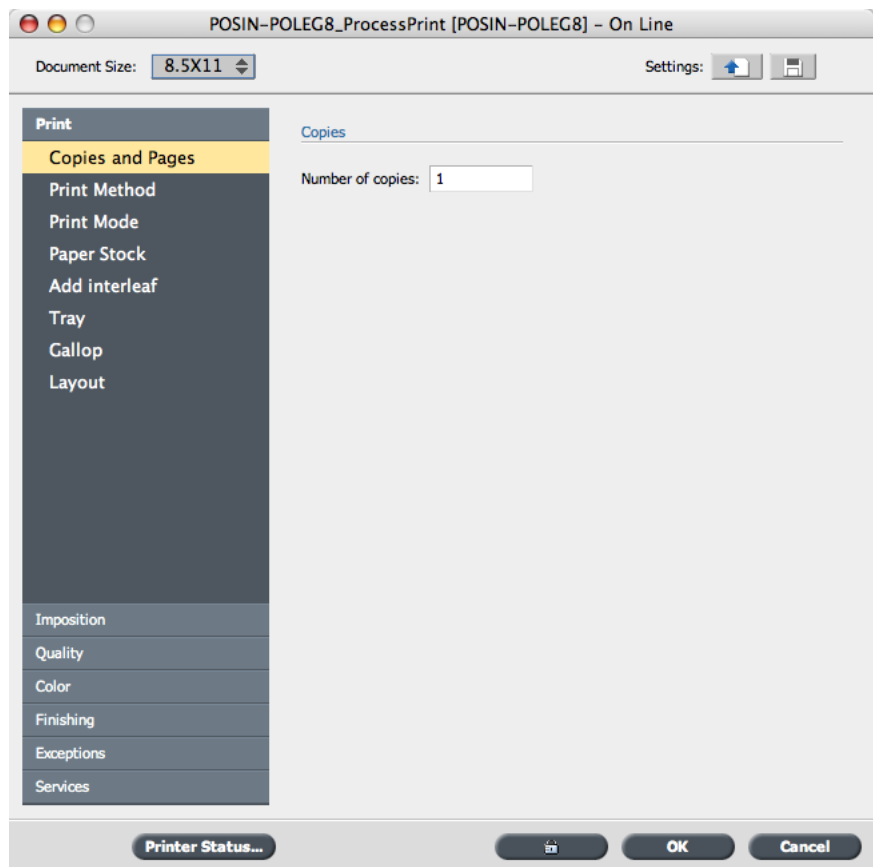
1. From the **Finder** menu bar, select **Go > Connect to Server**.
The Connect to Server window appears.
2. Find your CX print server on the network, and click **Connect**.
3. Select **Guest**, and then click **Connect**.
4. From the list, select the desired hot folder—for example, **HF_ProcessPrint**—and then click **OK**.

The hot folder icon appears on your desktop. You can now drag the desired files to the hot folder icon. All the files are processed and printed automatically to the printer, according to the hot folder workflow.

Printing a file using the Print Driver software (Mac OS X 10.4 or later)

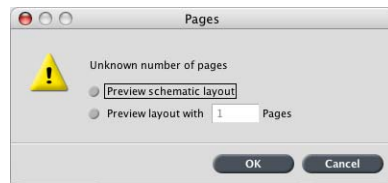
1. Open the file that you want to print—for example, a PDF file.
2. From the **File** menu, select **Print**.
3. In the Print dialog box do the following:
 - a. Select the desired printer.
 - b. Select **Special Features**.
 - c. Click **Job Parameters**.
If this is the first time that you are using the **Print Driver** software, a message notifies you that the software is loading. Then, a dialog box with the print settings appears.

Note: The loading process may take a few minutes. Afterwards, accessing the Print Driver software takes less time.



In the **Print Driver** software window, you can perform the following actions:

- Set job parameters
 - Change parameters and save the settings as a profile
 - Load a saved profile
 - Check the status of the CX print server
 - Define PostScript settings for the job
4. Change the desired parameters.
 5. (Optional) If you edit imposition parameters and want to preview your layout perform these steps:
 - a. Under **Imposition**, click **Preview**.



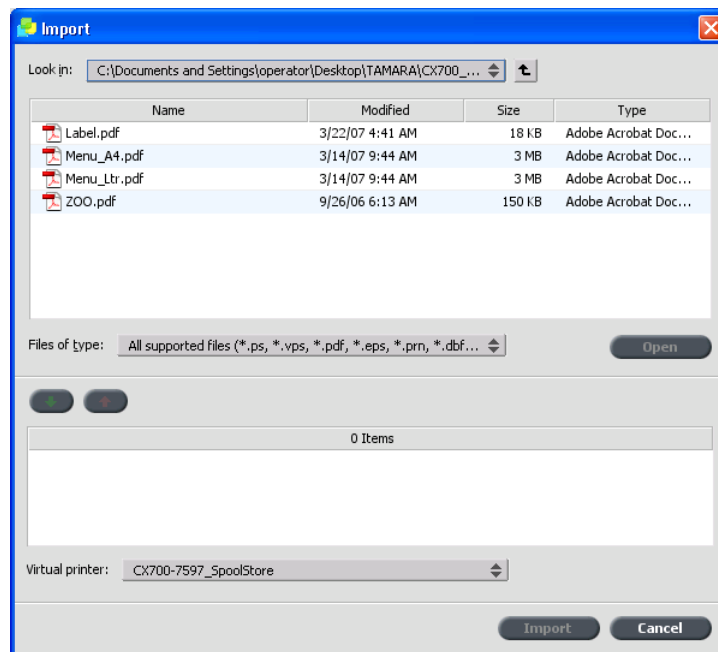
- b. Select the **Preview layout with** option and type the number of pages in your file.
 - c. Click **OK**.
6. In the **Print Driver** software window click **OK**.
 7. Click **Print**.



Printing from the color server

Importing and printing a job

You can import a job:

- When a page-description language (PDL) file—for example, **PDF** or PostScript—is created on a client workstation that is not connected to the CX print server
 - When a PDL file is located on external media, such as a CD-ROM
 - When the desired file resides locally on the CX print server
1. From the **File** menu, select **Import**.




2. To access the desired files, click the **up one level** button , or double-click on the file folders to go down the file tree.
3. In the upper list in the Import window, select the desired file(s) and click the **add** button .

Note: Use SHIFT or CTRL to select several files or CTRL+A to select all the files. If desired, add the same file more than once.

The file(s) appears in the lower list.

4. Select a printer from the **Virtual printer** list.

Note: To remove a file, select the desired file in the lower list in the Import Job window and click the **remove** button .

5. Click **Import**.
All files currently listed on the lower list are sent to the CX print server to be processed and printed as defined in the selected virtual printer.
6. If your job is moved to the Storage window, submit the job for printing.

Preflight features

Use Preflight features to check your document before processing or sending a job to print.

The following preflight features are available:

- PDF analyzer
- Preflight check
- Preflight report

PDF Analyzer

You can use the PDF analyzer to check imported PDF files for problems that may affect processing. The PDF analyzer checks the following elements:

- Document: identifies incompatibilities of Acrobat software with compression, encryption, security, and other properties
- Pages: detects empty pages and identifies the page size, annotations, and other properties
- Fonts: determines whether specific fonts are in the PDF file and whether they are embedded
- Colors: detects color space information, spot colors, rendering information, and color management settings
- Images: identifies image resolution, whether images are skewed or flipped, and whether images are compressed
- OPI: detects whether OPI is used. If so, the PDF analyzer detects the OPI version and determines whether any high-resolution images in the OPI path are missing
- Text and line art: identifies the size of text, the width of the lines, white text, and objects and flatness tolerance
- PDF/X: determines whether the file conforms to PDF/X-1a or to PDF/X-3 and whether the file contains PostScript fragments

Preflight Check

The **Run preflight** parameter enables you to check the status of key job components before the job is sent for printing.

During the preflight check, your job is RIPed and the missing components are identified. The preflight check detects the status of the following key job components:

- High-resolution images or the wrong links to the high-resolution images folder
- Missing fonts
- Spot colors that are not defined in the CX print server spot color dictionary
- Dynamic exception commands for a file that was submitted via a dynamic page exceptions virtual printer

Preflight Report

The preflight report is a job-related report that provides information about the status (missing or found) of key job components prior to printing and enables you to correct your files accordingly.

It is especially useful to run the preflight check before you print a complex job with a large quantity of pages or copies. The preflight check detects the missing job components and displays them in the Preflight Report dialog box. You can review the report and resolve the missing components and thus save processing time without error or failed messages constantly appearing.

If you run a preflight check and all key components are found, the job is processed and printed according to the job flow that you selected. If the test fails (missing key elements are detected), the job is returned to the Storage window with the preflight report available for inspection.

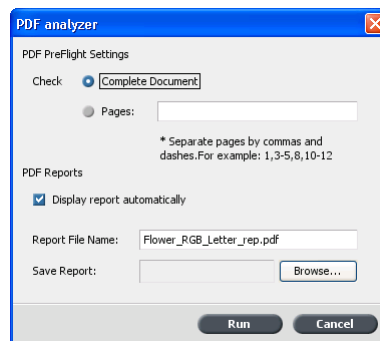
The preflight report always reflects the last preflight run. If more than one preflight check is run on a job, the latest preflight report overrides the previous. When a preflight report is produced, the date and time of the preflight check are indicated in the Job History window.

Note: Since the Preflight Report dialog box lists all key job components (missing and found), you can use this report to view the existing (found) key job components—for example, the list of the existing fonts in a job, and their corresponding paths.

Analyzing a PDF job

You cannot use the PDF analyzer or perform a Preflight check on PDF files that are locked or protected. If you do, a message will appear stating that the file is encrypted.

1. In the Storage folder, right-click the PDF file, and select **PDF Analyzer**.



2. In the **PDF PreFlight Settings** area, do one of the following:
 - To check the entire PDF file, select **Complete Document**.
 - To check specific pages, select **Pages**, and enter the desired page range.
3. If you do not want the report to automatically open when it is generated, clear the **Display report automatically** check box.
4. If desired, change the report file name. By default, the report file name consists of the original file name and the suffix **_rep**—for example, if the file to be checked is **sample.pdf**, the report file is named **sample_rep.pdf**.
5. If you want to save the report to a specific location, click **Browse** and navigate to the desired location.
6. Click **Run**.

The PDF report is generated and opens automatically.

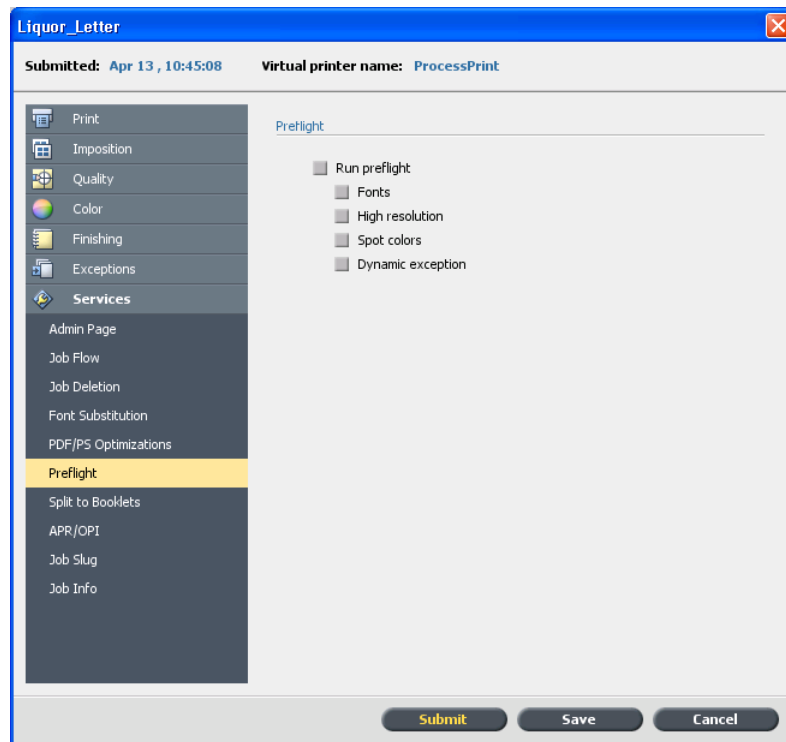
Performing a preflight check

Check the status of key components before the job is sent for printing.

You cannot use the PDF analyzer or perform a Preflight check on PDF files that are locked or protected. If you do, a message will appear stating that the file is encrypted.

1. Open the Job Parameters window of the job that you want to perform a preflight check.

2. Select **Services**, and then select **Preflight**.



3. Select the **Run preflight** check box.
All three check boxes of the key job components are automatically selected.
4. Clear any check box that you don't want to include in the preflight check.

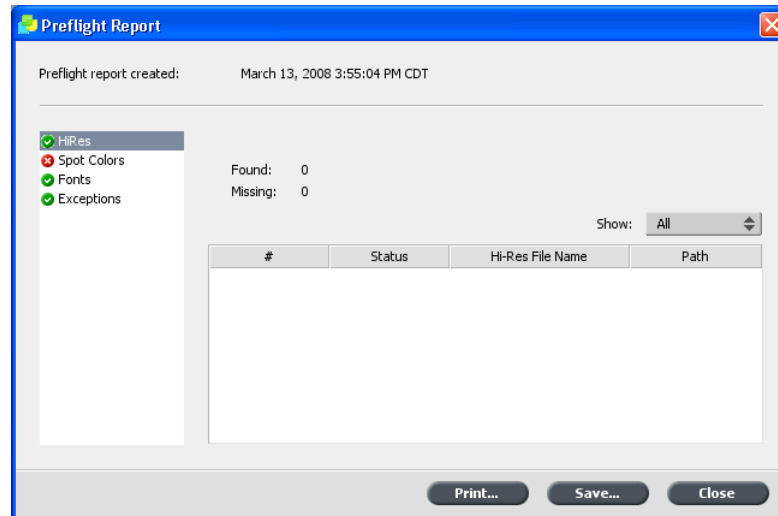
Note: If one of the selected job components is missing, the job status at the end of the preflight check is failed, and the job is transferred to the Storage window. Information about missing components appears in the Job History window.

5. Click **Submit**.

The results of the preflight check are displayed in a Preflight report.

Viewing and printing a preflight report

1. Right-click the job in the Storage window, and from the menu, select **Preflight report**.



2. Click the desired report option to see the results for that option.
3. To print the report, click **Print**.
4. To save the preflight report, click **Save** and browse to the desired location.

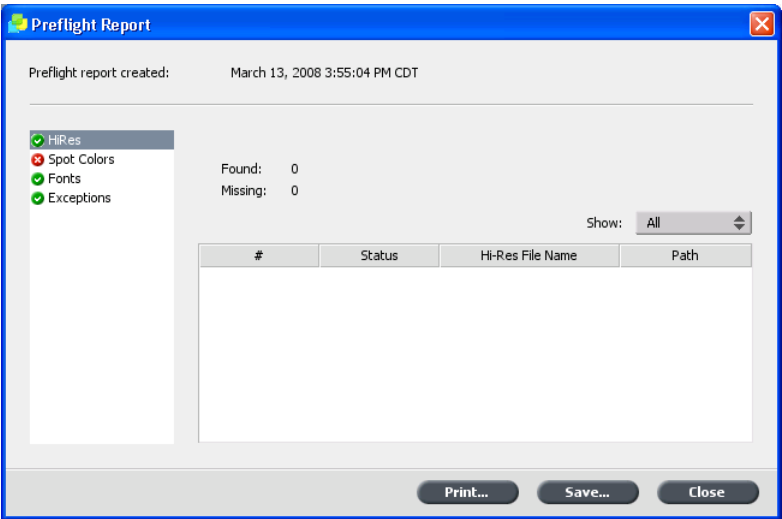
Note: If more than one preflight check is run on a job, the latest preflight report overrides the previous one.

Preflight Report window

The Preflight Report window is opened by right-clicking your job and selecting **Preflight report**.

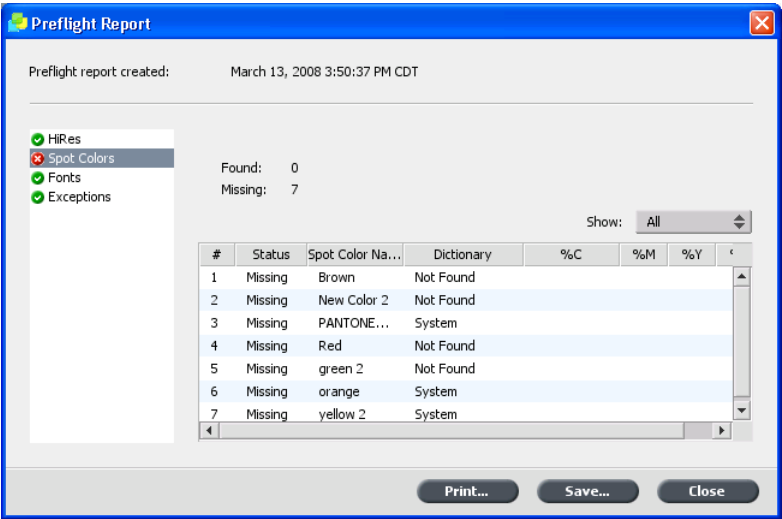
Preflight options

HiRes



Lists the missing and found high-resolution images. If wrong links to the high-resolution images folder exist, these are also listed.

Spot Colors



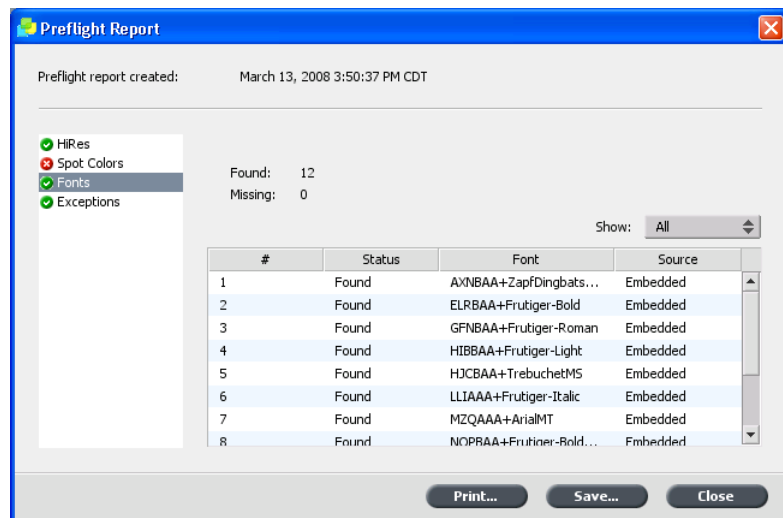
Preflight options

Lists the missing spot color names (spot colors that were not found in the spot color dictionary), and the found spot color names (spot colors that were found in the spot color dictionary). The **C**, **M**, **Y**, and **K** columns display the spot color CMYK equivalents.

If the status is **Missing**, the original CMYK values that are embedded in the PS file are used to emulate the desired spot color.

If the status is **Found**, the CMYK values that are in the spot color dictionary are used.

Fonts

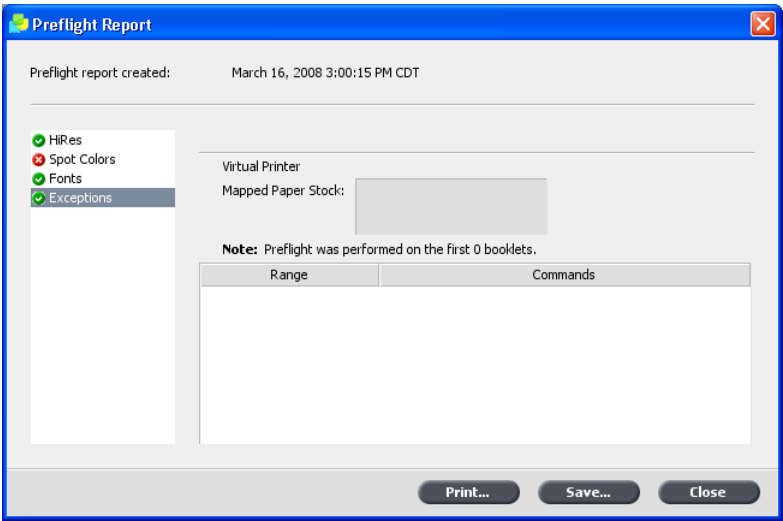


Lists the name of missing fonts that are not embedded in the file and do not exist in the **Font Library**, and also fonts that are found.

The **Source** column indicates whether the font is embedded in the file or was found in the **Font Library**.




Preflight options

Exceptions



Lists the dynamic page exception commands found in the file.

Indicators

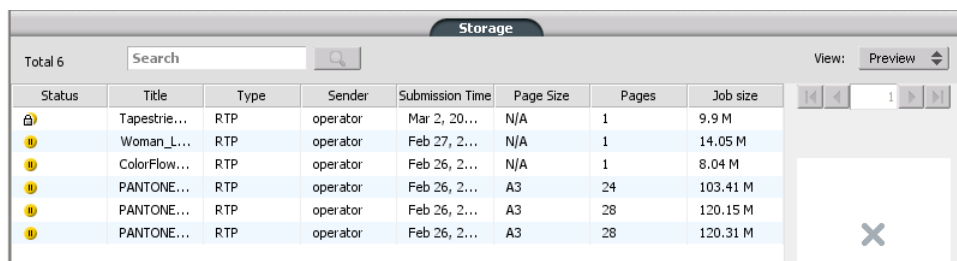
 Missing	Appears when key components in the job are not found.
 Not preflighted	Appears if you did not select the preflight option for the preflight check.
 Found	Appears when all of the files are found for the selected option.

Show list	
All	Displays both missing and found options
Found Only	Displays options that are found.
All Missing	Displays options that are missing.

Unlocking and printing a job

A job that was locked in the **Print Driver** software must be unlocked with a password before you can edit the job parameters or print the job.

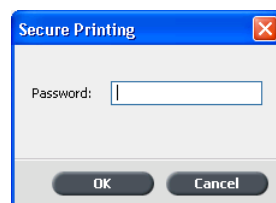
A locked job appears in the print queue of the CX print server with the **locked** indicator.



Status	Title	Type	Sender	Submission Time	Page Size	Pages	Job size
	Tapestry...	RTP	operator	Mar 2, 20...	N/A	1	9.9 M
	Woman_L...	RTP	operator	Feb 27, 2...	N/A	1	14.05 M
	ColorFlow...	RTP	operator	Feb 26, 2...	N/A	1	8.04 M
	PANTONE...	RTP	operator	Feb 26, 2...	A3	24	103.41 M
	PANTONE...	RTP	operator	Feb 26, 2...	A3	28	120.15 M
	PANTONE...	RTP	operator	Feb 26, 2...	A3	28	120.31 M

1. To print your job, right-click the job in the **Print Queue** area and select **Release to print**.

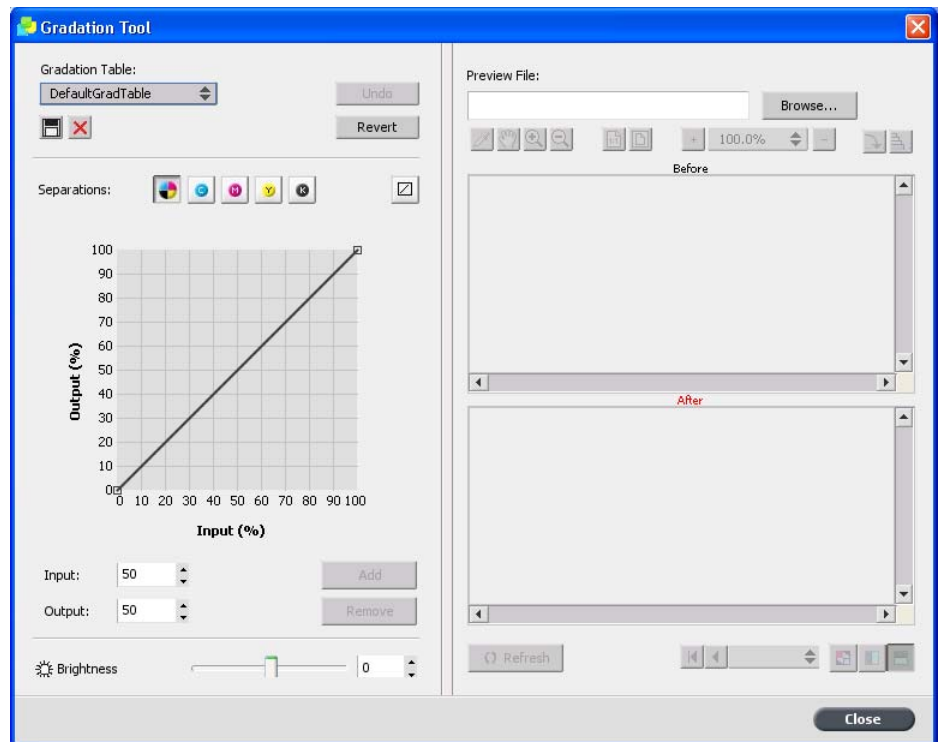
The Secure Printing dialog box appears.




2. In the **Password** box, type the password defined for this job.
3. Click **OK**.
Your job is unlocked and begins printing. When the printing is finished, the job is automatically deleted.

Creating a new gradation table

1. From the **Tools** menu, select **Gradation**.



2. In the Gradation Tool window, modify your gradation table as required.
3. Click the **Save** .



4. In the **Table name** box, type the name of the new gradation table.
5. Click **OK**.

The gradation table is saved and added to the **Gradation Table** list and to the **Color Adjustments** tab in the job parameters window.

Printing a sample page using the dynamic sample button

To check your job, you can send one page, or a set of pages from a job, to the top tray while your job is printing to the HCS finisher.

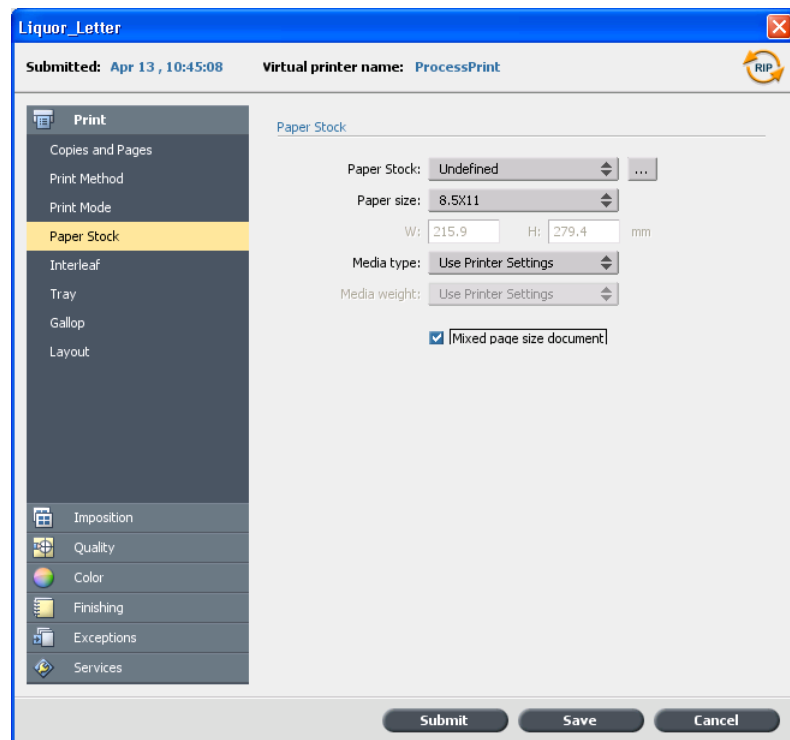
Requirements:

An HCS finisher.

- On the HCS finisher, push the Dynamic Sample button.

Printing a file that contains more than one paper size

1. Suspend the process queue.
2. In the suspended process queue, double-click your job.
3. In the Job Parameters window, click **Print**.
4. Click **Paper Stock**, and then select the **Mixed page size document** check box.



5. Click **Save**.
6. Release the process queue.

Your job is processed and printed according to the mixed paper size definitions.

Duplex printing using heavy paper stocks


Print duplex imposed, VDP, or long jobs using paper stocks of 220 gms or more.

Requirements:

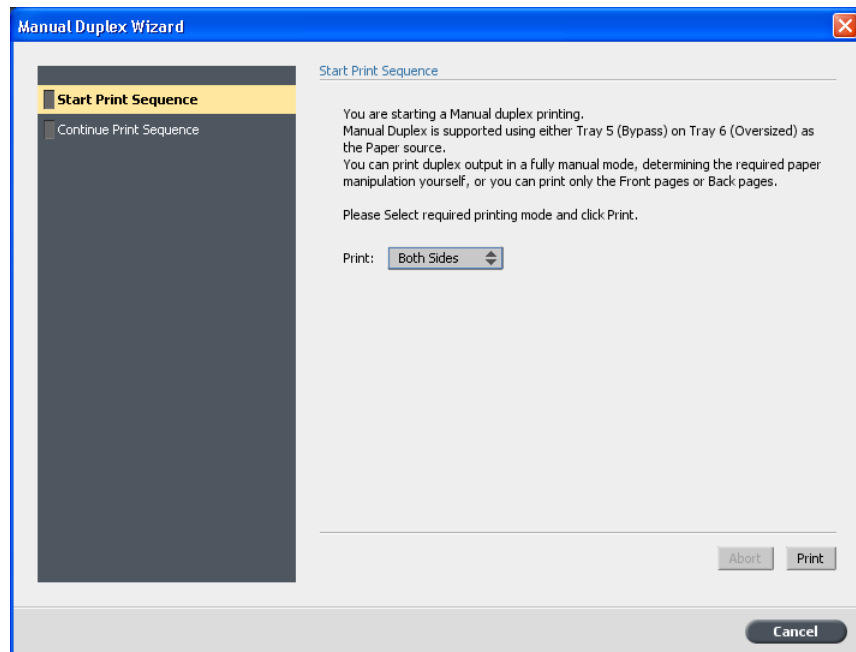
- The job must use only one paper size.
- The job cannot contain exceptions or be sent to a finisher tray.
- The original job must be double-sided.
- In the Job Parameters window, the following must be selected:
 - ☐ A paper stock of 220 gms or heavier
 - ☐ **Duplex head to toe** or **Duplex head to head**
 - ☐ **Face up**

When you select a paper stock of 220 gm or heavier, and duplex printing, the **Manual duplex** parameter is automatically selected. This allows you to print your job on one side, and then manually flip the paper in the paper tray, to print on the other side. A wizard instructs you how and when to flip the paper.

1. Send your job to be processed and printed.

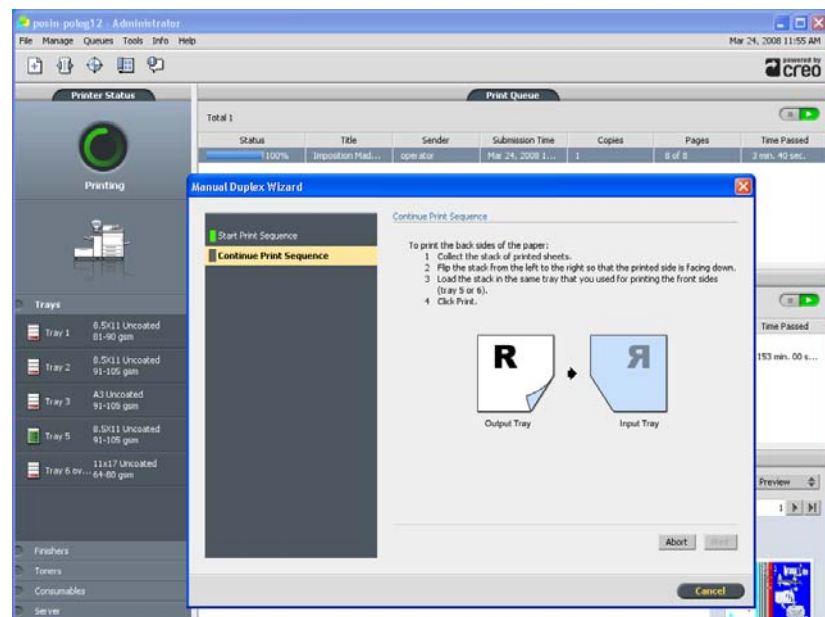
The job is processed and then waits in the Print queue with an  icon next to it.

2. Right-click the job and select **Release to print**.



3. In the Manual Duplex wizard window, **Both sides** is selected by default. Click **Print**.

The front pages are printed. The next step in the wizard appears.



4. Collect the stack of printed sheets and flip the stack according to the instructions in the wizard.

5. Click **Print**.

The back pages of your job are printed, the Manual Duplex Wizard window is automatically closed, and your job appears in the **Storage** area.

You must wait until the job has finished printing before you can send other jobs to print.

Note: You can simulate how your job will print by first printing the job on lighter paper. After you select your paper stock, in the Job Parameters window, under **Print > Print method** select the **Manual duplex** check box.

You can also print one side and print the other side at a later time.

Aborting a job

Requirements:

A job is processing or printing.

- Right-click the running job in one of the queues, and select **Abort**.

The job moves from the queue to the **Storage** area. The **Aborted** status is assigned to the job, and the next job in the queue starts running.

Previewing a file or job

Previewing and editing a PDF file

- In the Storage window, right-click the PDF file that you want to preview or edit, and select **Job Preview&Editor**.

The PDF file opens in *Acrobat*.

Previewing and editing an RTP job

Job Preview and Editor overview

The Job Preview & Editor window enables you to see all of the details of an RTP job and verify the quality and content before printing.

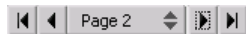
In the Job Preview & Editor window, you can view thumbnails of the job while you navigate to the various pages of a job. For an imposed job, you can view the imposed sheets, including the layout of the pages on each sheet. You can also view the pages' orientation, crop marks, and fold marks.

Jobs that you edit in the Job Preview & Editor window cannot be re-RIPed. Once a job is saved in the Job Preview & Editor window, it is a new RTP file without an associated PDL file. You cannot apply parameters that require re-RIPing to such jobs.

Job Preview and Editor window

Navigation buttons

Navigation buttons enable you to view the pages of the job that you are previewing.



Page

The **Page** navigation buttons enable you to select a specific page to view, and to browse through the pages of the job.



Booklet

The **Booklet** navigation button enables you to select a specific booklet to view.

When the first page of a booklet is in view, the **Previous Page** navigation button takes you to the previous booklet. When the last page of a booklet is in view, the **Next Page** button takes you to the next booklet.

Preview buttons



Pan

View a different area of the image.



Eye Dropper

Find out the CMYK values of a specific area on the page.



Zoom In

Magnify the selected area of the page.



Zoom Out

Reduce the size of the selected area of the page by 50%.



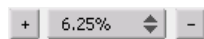
One to One Zoom

Zoom into a page to see individual pixels. Each pixel on the screen represents a pixel in the image.



Fit to Screen

Scale the page to fit the available screen space.



Percentage

View the image at different preset levels of magnification by selecting a percentage in the list.



Rotate View

Rotate the page 90°, 180°, and 270°.

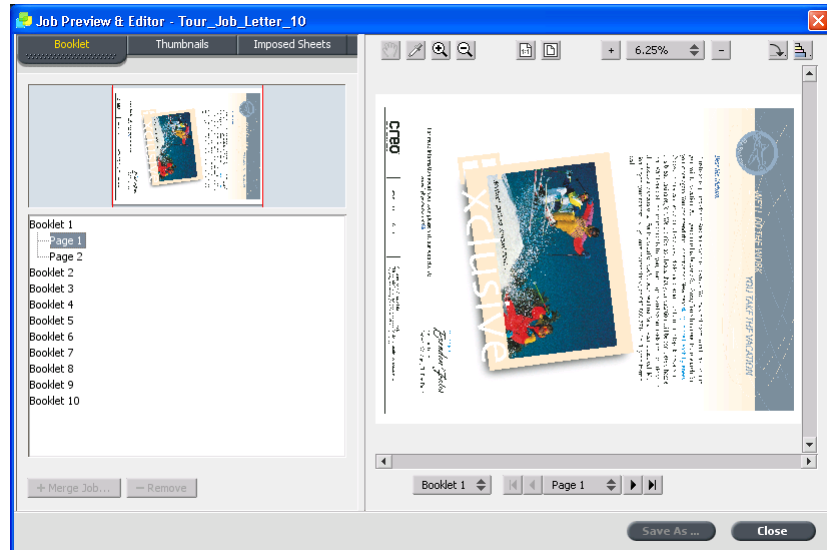


Show/Hide Separations

Turn on or off one or more separations.

Tabs

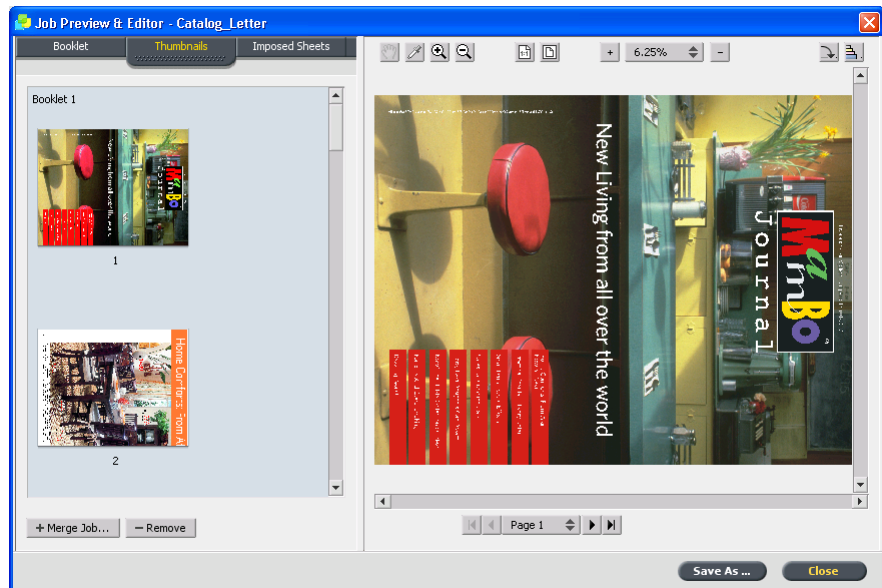
Booklet



Displays the booklets included in the selected job and the names and numbers of the pages in each booklet. This tab opens by default when you are previewing a non-imposed RTP job.

Tabs

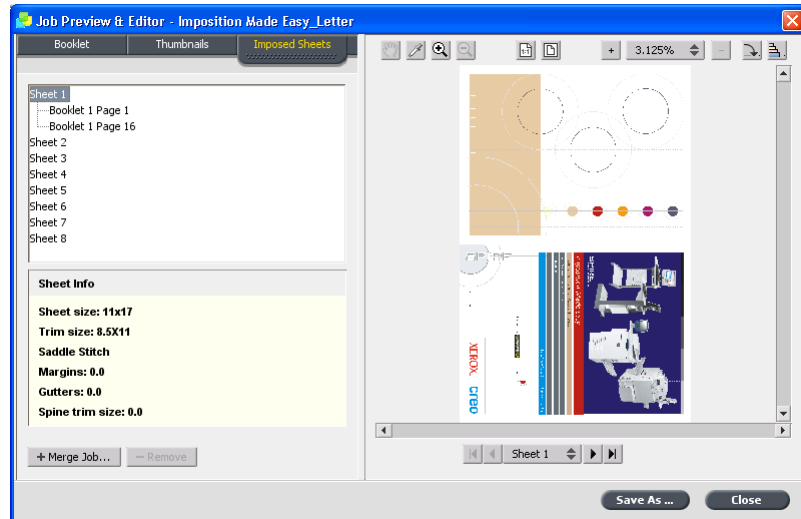
Thumbnails



Displays miniature views ("thumbnails") of each page in the selected booklet. These thumbnails enable you to find a specific page more easily. Enables you to move pages within a job, delete pages from a job, and merge pages from another job.

Tabs

Imposed Sheets




Displays imposed RTP jobs. This tab enables you to view the imposed sheets and check your imposition parameters. You cannot edit jobs on this tab.

Finding the CMYK values of a specific area

Use the **Eye Dropper** tool in the Job Preview & Editor window to find out the CMYK values of a specific area on the page.

Requirements:

A processed job must be displayed in the Job Preview & Editor window.

1. In the Job Preview & Editor window, click the **Eye dropper**  button.
2. Move the pointer to the location on the page where you want to measure the color values and click.
The CMYK dot percentage values and spot color CMYK equivalent values appear as a tool tip.

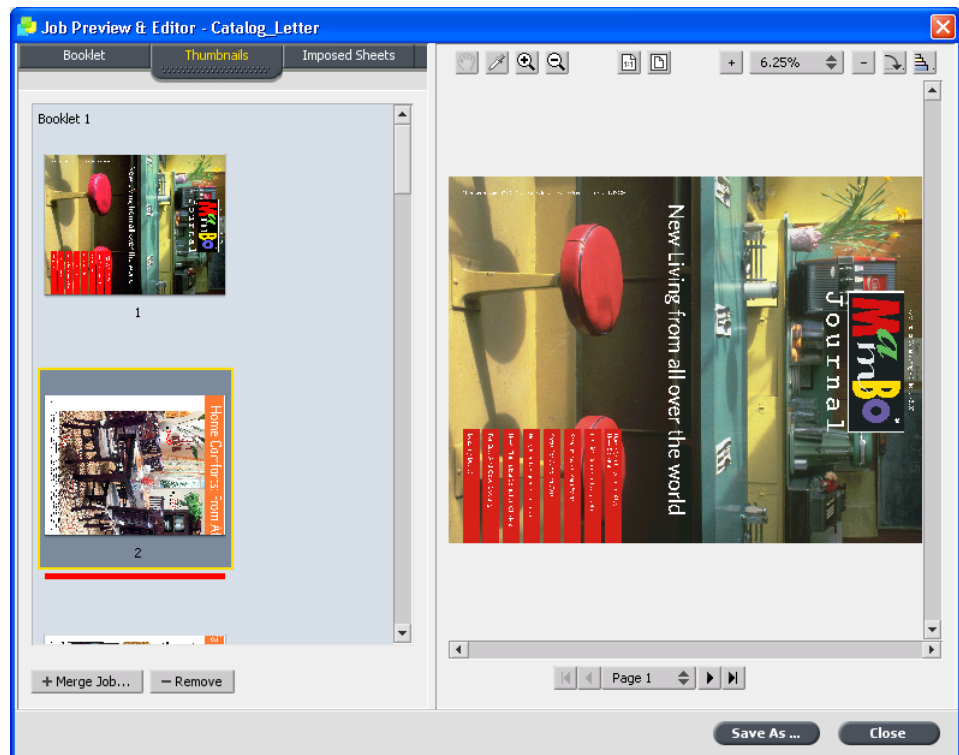
Moving a page in a job

Move a page in an RTP job to a new location within the job.

When you move a page, the page numbers are updated accordingly.

1. In the Job Preview & Editor window, click the **Thumbnails** tab.
2. In the Thumbnail pane, click the page that you want to move.
3. Drag the page to the target location.

Note: The red marker indicates where the page will be inserted.



4. Click **Save As** to save the changes in the job.

Deleting a page from a job

1. In the Job Preview & Editor window, click the page that you want to delete, and click **Remove**.
The page is deleted and the page numbers are updated accordingly.
2. Click **Save As** to save the changes.

Merging one or more pages into a job

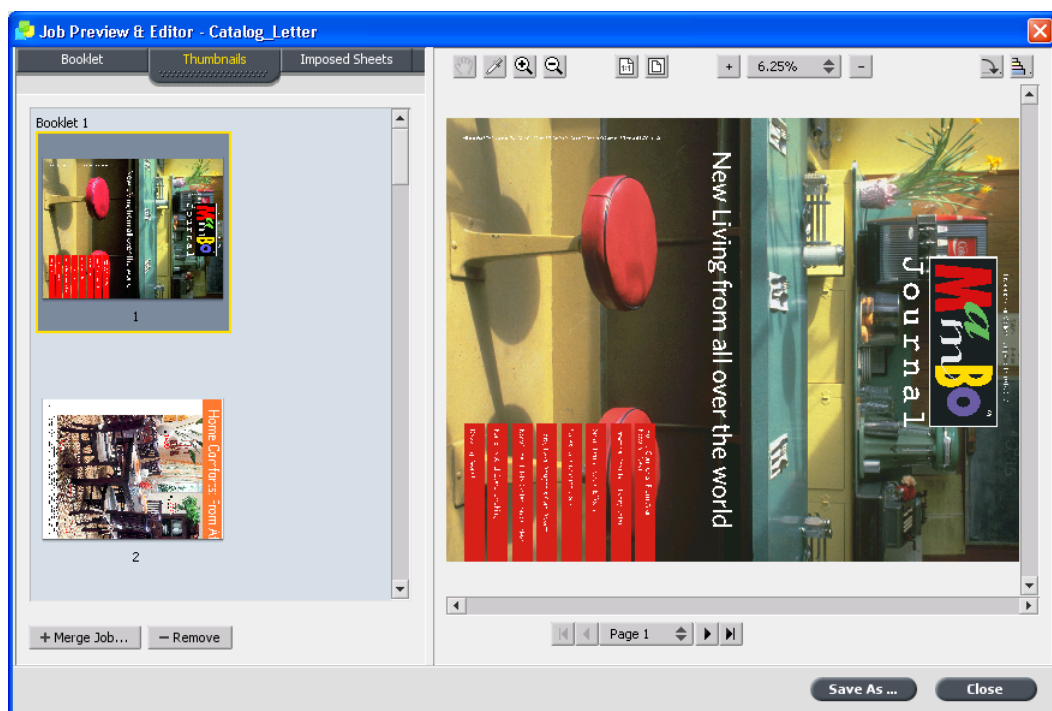
Merge one page, multiple pages, or all pages from one job into another.

Requirements:

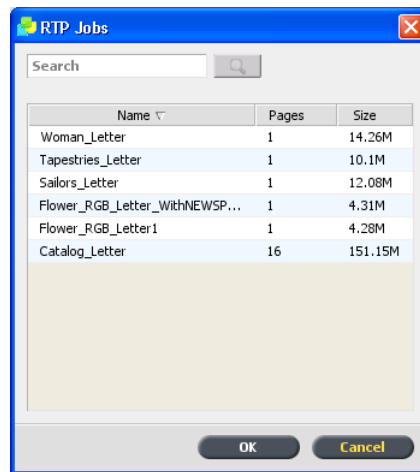
The RTP job that includes the page you want to copy must have the same page size and orientation as the job that you are editing.

1. In the Job Preview & Editor window, click the **Thumbnails** tab.
2. In the left pane of the **Thumbnails** tab, determine a location for the merged page. Click the page preceding this location.

A yellow outline appears around the selected page.

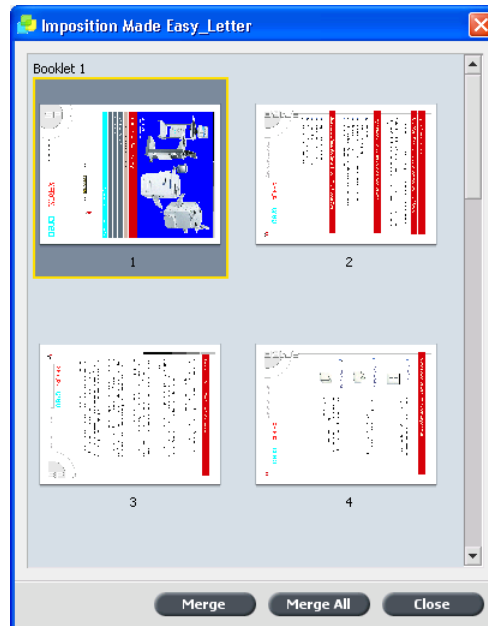


3. Click **Merge Jobs**.



Note: Only those RTP jobs that have the same page size and orientation as the job that you are editing appear in the list.

4. Select the job with the page that you want to merge and click **OK**. The job opens in a separate window.



5. Do one of the following:

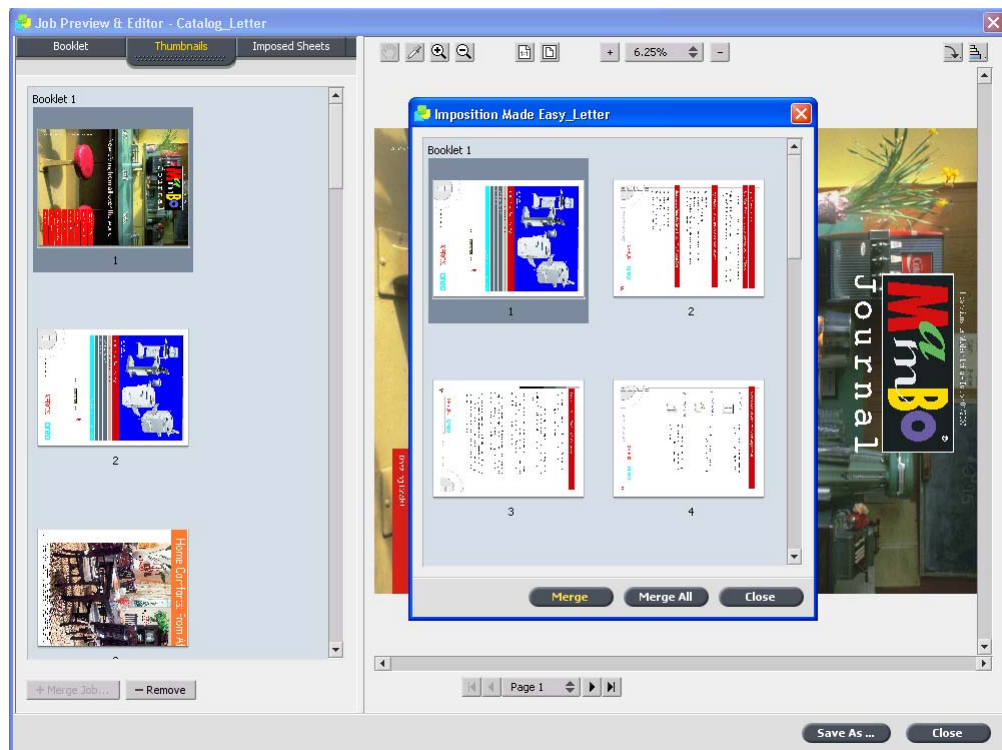
- To merge one page, select the page that you want to merge and click **Merge**.

Note: You can also drag the page from the job window to the desired location in the left pane of the **Thumbnails** tab.

If you want to merge more than one page, repeat this step until all desired pages are merged. You can also select different locations for the merged pages in the Job Preview & Editor window.

- To merge all pages into the job, click **Merge All**.

The merged pages are inserted into the desired location, and the page numbers are updated accordingly.



6. Click **Close** to close the job window.
7. Click **Save As** to save the changes.

6

Calibration

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Calibration overview

Obtaining the most satisfactory print quality on your printer depends on a number of issues. One of the most important issues is steady toner density. Toner density is affected by many factors such as heat, humidity, and service settings. Toner density also tends to vary over time. Such variations cannot be totally eliminated, but you can perform the calibration process to compensate for them.

The calibration process consists of creating calibration tables that are mapped to a specific media type, paper weight, and screening method.

You create calibration tables using the Calibration wizard. The Calibration wizard guides you through printing a color chart, scanning the streams of color patches in the color chart, and creating a calibration table based on the scanned measurements.

The CX print server uses the data in this table to compensate for the differences between the the actual, measured density level, and the target level, the target density.

You scan the color chart using one of these methods:

- The printer's scanning option
- The spectrophotometer, a “high speed” color measurement scanning device

You should create calibration tables in the following instances:

- When you use a new paper stock
- When prints show “color casts”
- After machine maintenance or hardware changes—for example, replacing a charge coroton
- If there are drastic ambient changes (temperature and humidity)
- Every 24 hours, to compensate for potential variations in toner density

Off-the-glass Calibration

You can perform Off-the-glass calibration from the CX print server or from the Xerox 700 digital color press touch screen using the Web UI.

Perform the following tasks before you start the calibration process. Performing these steps will ensure a successful calibration.

- Auto Gradation Adjustment procedure
- Print the auto gradation chart and copy it using the Xerox 700 digital color press. Compare the results.

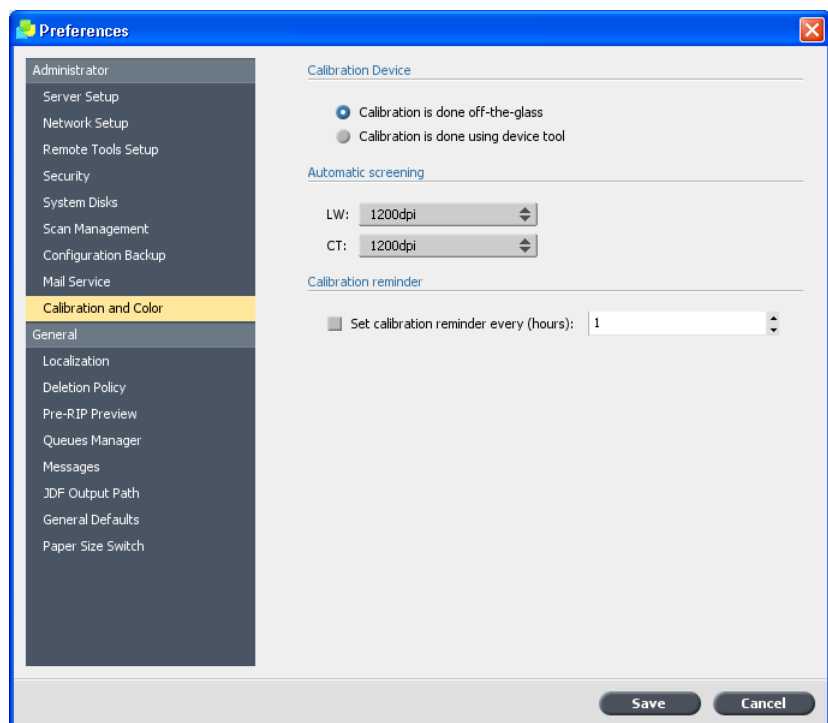
For information about CX print server 1.5 features, see the Release Notes on page 313.

If the results are not similar and there are major differences between the copies, calibrate the printer. Start the calibration process only when you receive similar printed results.

- Print at least 25 copies of any file to warm up the printer.

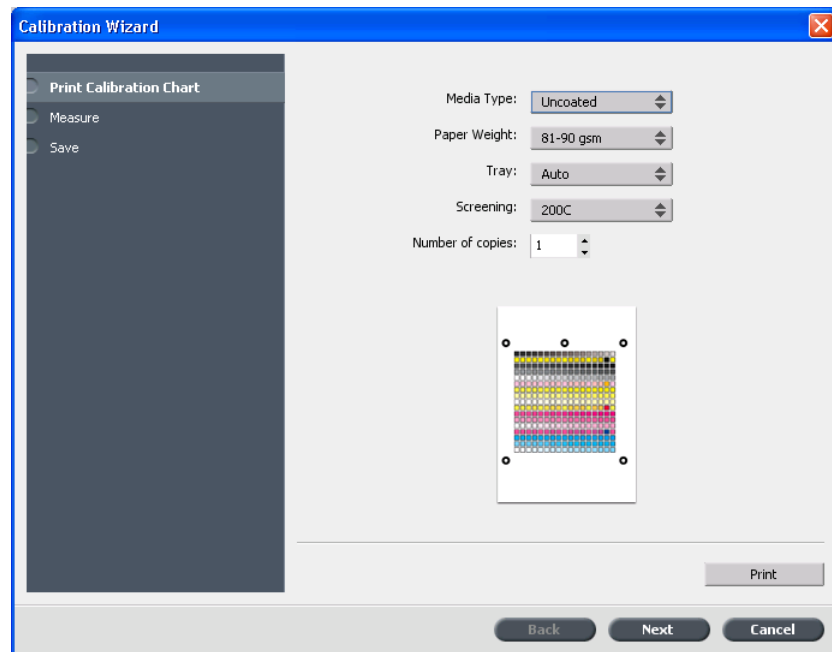
Printing the off-the-glass calibration chart


1. On the CX print server, from the **File** menu, select **Preferences**.
2. In the Preferences window, under **Administrator**, select **Calibration and Color**.



3. Under **Calibration Device**, select **Calibration is done off-the-glass**, and then click **Save**.

4. From the **Tools** menu, select **Calibration**.



5. In the **Media Type** list, select the media type that you are using for the print job. You can select only those media types that are currently installed in the Xerox 700 digital color press paper trays. The installed media types have an  icon next to them. All other media types are unavailable.

You can print the calibration chart on any paper size that is equal to or larger than A4 or Letter.

6. In the **Paper Weight** list, select the paper weight that you are using. Only the paper weight types that are in the Xerox 700 digital color press trays appear in the list.
7. In the **Tray** list, select the desired tray. Only the trays that contain the media type and paper weight that you selected appear in the list. The default setting is **Auto**.
8. In the **Screening** list, select the screening method.
9. In the **Number of copies** box, enter the number of copies you want to print.

Note: It is recommended that you print at least 25 copies of the calibration chart, and then use one of the last copies printed.

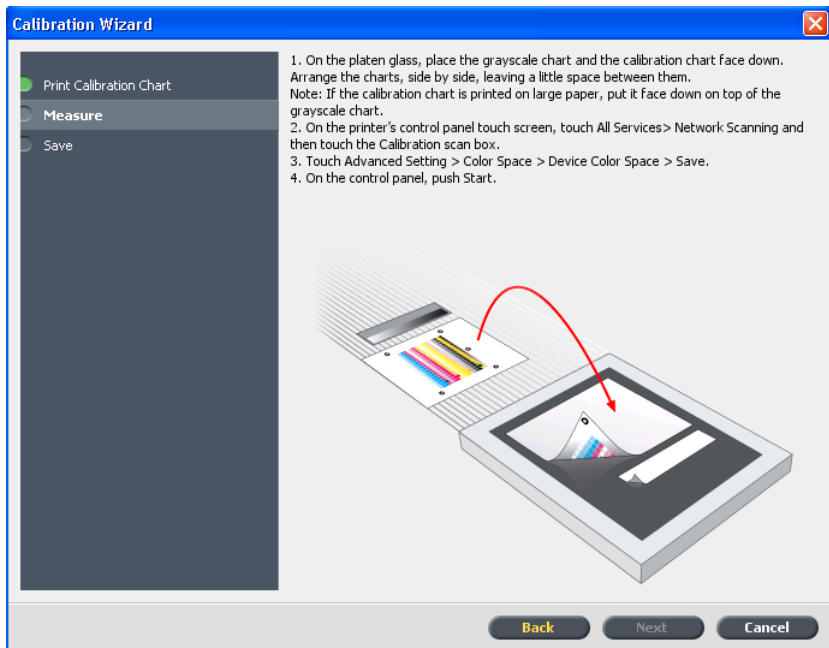
10. Click **Print**.
The calibration chart prints.
11. Click **Next**.

Creating a calibration table using the scanner and printer

Requirements:

Before performing this procedure, you need to print the off-the-glass calibration chart.

The Calibration Wizard is open and on the second step, **Measure**.



1. On the platen glass of the printer, place the KODAK Gray Scale calibration chart and the Off-the-glass calibration chart next to each other, facing down.

Notes:

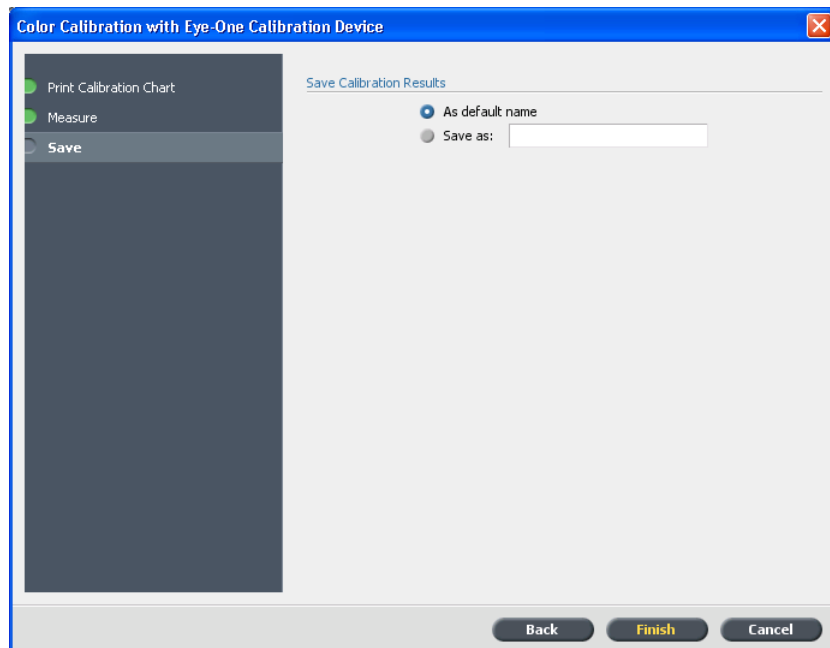
- The KODAK Gray Scale calibration chart is in the Calibration Chart Kit envelope (part #518-00961A). Use only the KODAK Gray Scale calibration chart when calibrating the scanner and printer—do not use the Scanner Calibration chart, which is also in this envelope.
- If you place only the Gray Scale calibration chart on the platen glass, the printer is calibrated. If you place only the Off-the-glass chart on the platen glass, the scanner is calibrated. It is recommended that you place both the Off-the-glass and Gray Scale calibration

charts on the platen glass at the same time so that you calibrate both the printer and scanner.

- If you need to calibrate a large paper size—for example, A3 or larger—cut the paper in order to fit the Off-the-glass and Gray Scale calibration charts on the platen glass.
2. On the printer's touch screen, touch **All Services**.
 3. Touch **Network Scanning**.
 4. On the **Network Scanning** tab, touch the **calibration** scan box.
 5. Touch the **Advanced Settings** tab.
 6. Touch the **Color Space** button to select the specific color space of the Xerox 700 digital color press.
 7. Touch the **Device Color Space** button.
 8. Touch **Save**.
 9. On the control panel, push Start to start scanning the charts.

The charts are scanned and measured and a calibration table is created. In the CX print server Calibration Wizard, if the calibration is successful, step 3 of the Color Calibration wizard appears.

If an error occurs during the scanning process, an error message appears.



10. To save the calibration table, do one of the following:

- Select **As default name** to automatically name the calibration table using the screening method, media type, and date.
- Select **Save as** to type your own name.

Note: It is strongly recommended that you include the media type, weight, and screening method in the calibration table file name.

11. Click **Finish**.

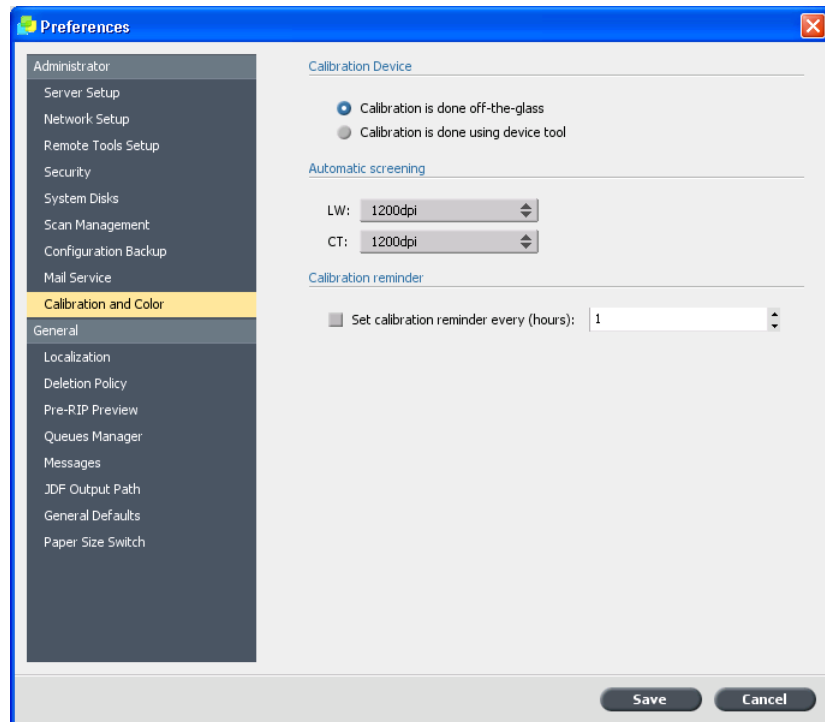
Creating a calibration table using the spectrophotometer

Requirements:

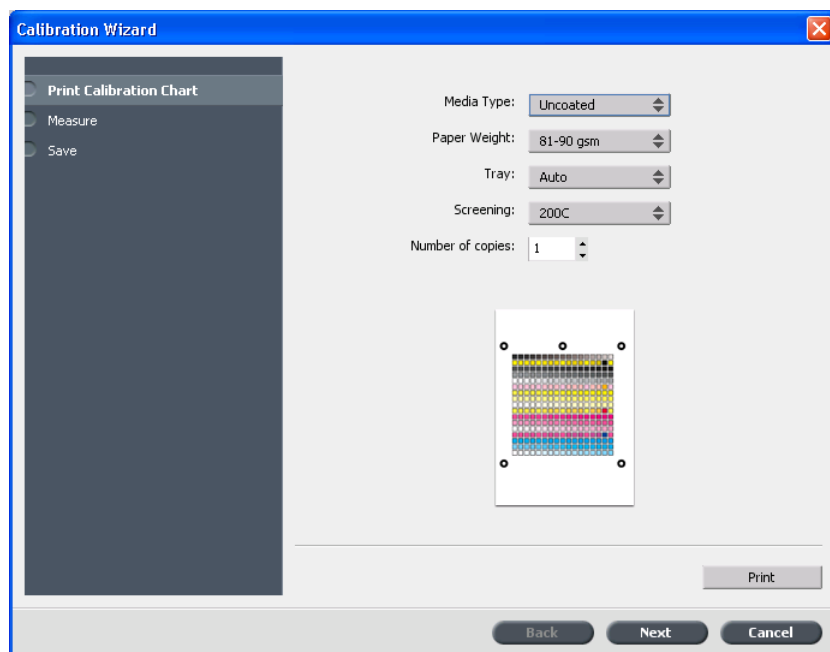
- Ensure that your spectrophotometer is connected to the USB port on the CX print server.
- Ensure that your spectrophotometer is calibrated by placing the spectrophotometer on its plate.
- Print at least 25 duplex sheets of any four-color test job, on any media, to warm up the printer.
- Print a reference job and use the same media and screen type on which you will print the final job.


1. On the CX print server, from the **File** menu, select **Preferences**.

2. In the Preferences window, under **Administrator**, select **Calibration and Color**.



3. Under **Calibration Device**, select **Calibration is done using device tool**, and then click **Save**.
4. From the **Tools** menu, select **Calibration**.



5. In the **Media Type** list, select the media type that you are using for the print job. You can select only those media types that are defined on the Xerox 700 digital color press. The defined media types have a defined icon  next to them. All other media types are unavailable.

You can print the calibration chart on any paper size that is equal to or larger than A4 or Letter.

6. In the **Paper Weight** list, select the paper weight that you are using. Only the paper weight types that are in the Xerox 700 digital color press trays appear in the list.
7. In the **Tray** list, select the desired tray. Only the trays that contain the media type and paper weight that you selected appear in the list. The default setting is **Auto**.
8. In the **Screening** list, select the screening method.

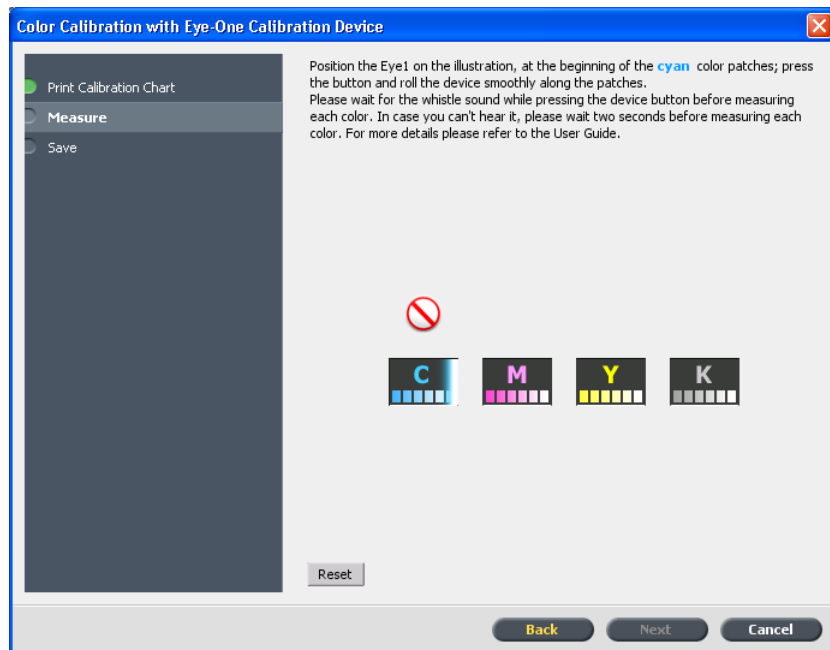
Note: Make sure that you set the screening method to the one you are going to use to print the job.

9. In the **Number of copies** box, enter the number of copies you want to print.

Note: It is recommended that you print at least 25 copies of the calibration chart, and then use one of the last copies printed.

10. Click **Print**.
The calibration chart prints.
11. Collect the chart from the printer.

Step 2 of the Color Calibration Wizard appears. In this step you scan the start point chart so that the wizard can measure each separation and find the point at which the toner appears on the paper.



12. Press and hold the button on the side, and align the head with the cyan arrow's tip. The arrow is to the left of the cyan column on the Image Density Calibration chart. Its tip intersects the semi-dotted line.
13. Sweep the Eye-One spectrophotometer across the cyan column. A check mark appears over the cyan icon and instructions appear for the next sweep, this time for the magenta column.
14. After each color sweep, wait for the check mark to appear next to the appropriate icon and follow the instructions as listed.

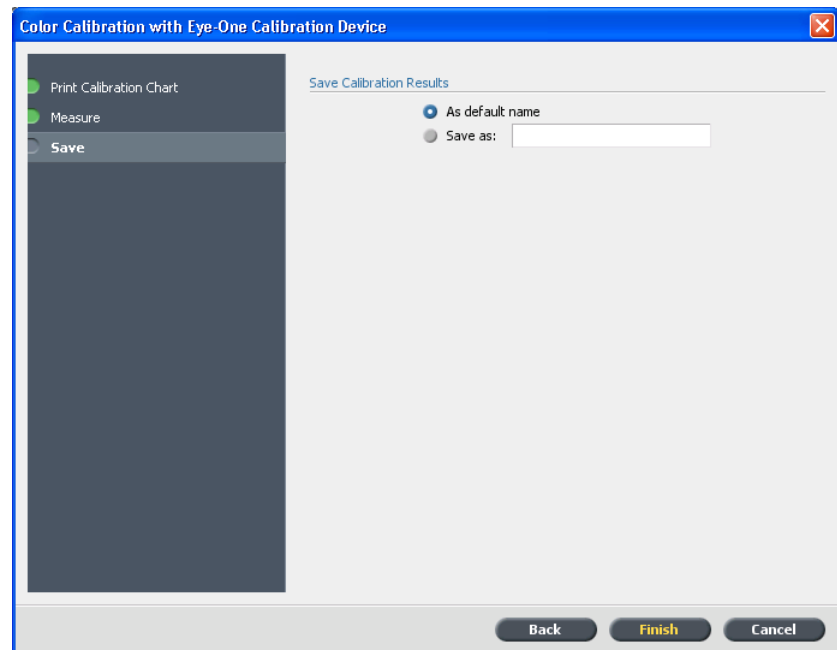
Note: Ensure that the separation columns on the chart are scanned in the order they appear in the icons: Cyan > Magenta > Yellow > Black.

When all of the separation columns have been successfully scanned, a check mark appears next to all icons.

Step 3 of the Color Calibration wizard appears.

Notes:

- If at any stage the scanning has not been completed properly, click **Reset** and scan again.
- If an error occurs while you are scanning the chart, an alert message appears. Click **OK** and re-scan the charts.



15. To save the calibration table, do one of the following:

- Select **As default name** to automatically name the calibration table using the screening method, media type, and date.
- Select **Save as** to type your own name.

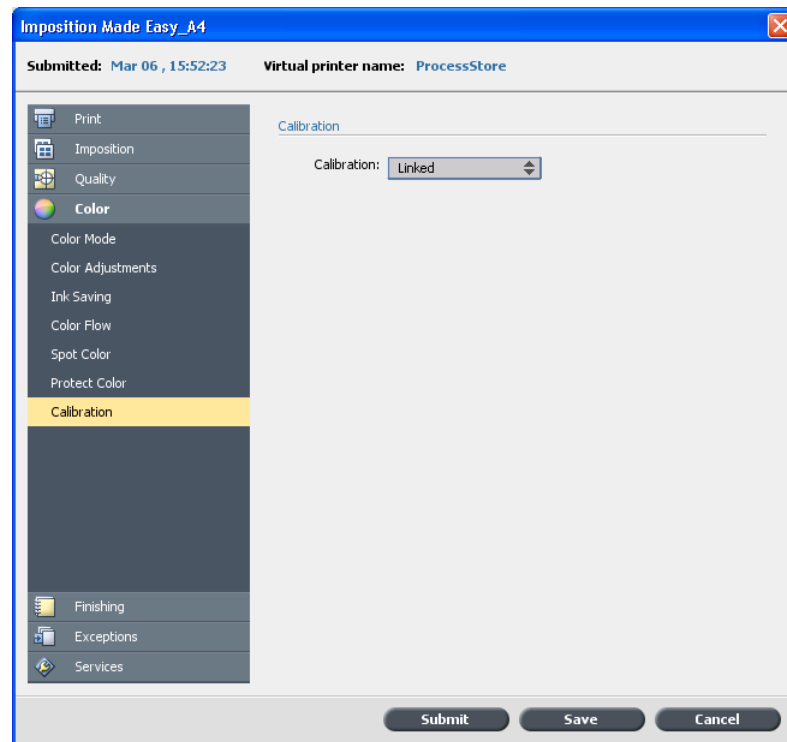
Note: It is strongly recommended that you include the media type, weight, and screening method in the calibration table file name.

16. Click **Finish**.

Mapping jobs to calibration tables

When you create a calibration table, the calibration table is based on the media type, paper weight, and screening method that you selected during the calibration process. Any job that has the specific media type, paper weight, and screening method that you selected, will automatically be mapped or linked to this calibration table.

In the Job Parameters window, under **Color > Calibration**, the **Linked** option is selected by default.



When you send your job to print, because the calibration table is linked to the job, it is automatically used when the job is printed.

7

Managing jobs

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Archival and retrieval of jobs

To keep enough disk space free, back up jobs and their related files to an external server and then delete them from the **Storage** area. You can retrieve archived jobs and files later for further use.

Archiving is a method of backing up and storing a job and enables you to increase the available space on your disk. A cabinet file (a compressed file) that contains all the files related to the archived job is created at the selected location. The archived job retains its current status (that is, completed, failed, held, or aborted) and is archived with the information in its job parameters and its Job History windows.

When retrieved, the archived job retains the original job name, not the name assigned when archived.

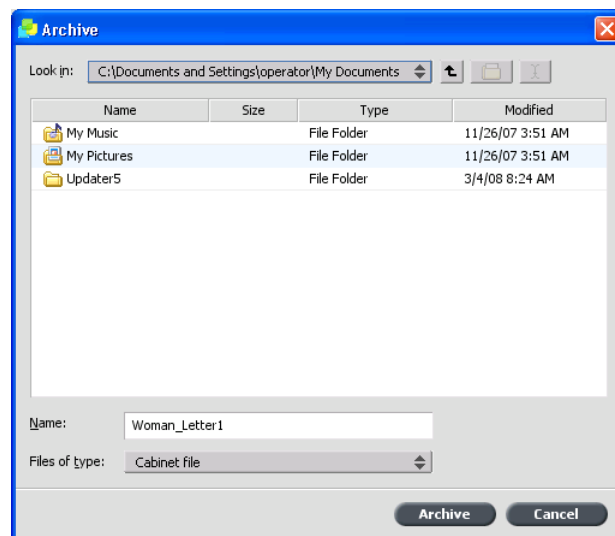
Archiving a job

Back up and store a job so that more disk space becomes available.

Requirements:

A folder for storing the archived job.

1. In the **Storage** area, right-click the job that you want to archive and select **Archive**.



2. Locate the desired folder, and then click **Archive**.
A cabinet file (a compressed file) that contains all the files related to the archived job is created at the selected location.
3. Delete the job from the **Storage** area.

Retrieving a job

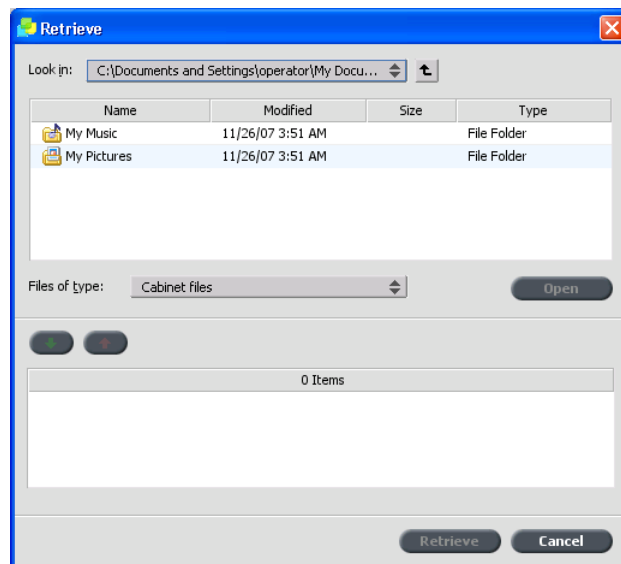
Requirements:


You can only retrieve jobs that have been archived.

When you retrieve a job, the archived job retains the original job name, and not the name assigned when archived. The files related to the job (for example, PDL) are also retrieved and the cabinet file is not deleted.

You can retrieve more than one job at a time.

1. From the **File** menu, select **Retrieve from archive**.
2. Find the archived job under its archive name, and select the related cabinet file.



3. Click the **add** button . The selected job appears in the lower list.
4. Click **Retrieve**. The selected job appears at the top of the list in the **Storage** area. It is assigned the status that it had before archival.
5. In the Job History window, verify that the file has been successfully retrieved.

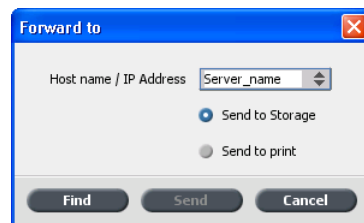
Forwarding a job to another Creo color server

Requirements:

You can forward a job only if it is in the **Storage** area.

1. In the **Storage** area, right-click the job, and select **Forward to** > **Other**.

Note: If you select to forward a merged job, and you make changes to the job, you will not be able to reRIP the job on the server to which you forwarded the job.



2. In the **Host name / IP Address** box, type the name or IP address of the server that you want to forward the job to.
3. Click **Find**.
4. Select one of the following:
 - **Send to Storage**: to send the job to the selected server's **Storage** area.
 - **Send to print**: to send the job to the selected server's **Print** queue.
5. Click **Send**.

Duplicating jobs

Requirements:

You can duplicate a job only if it is in the **Storage** area.


- In the **Storage** area, right-click the job, and select **Duplicate**.

The selected file is duplicated and is given the name of the original job followed by the suffix **_dup**.

Searching jobs

Requirements:

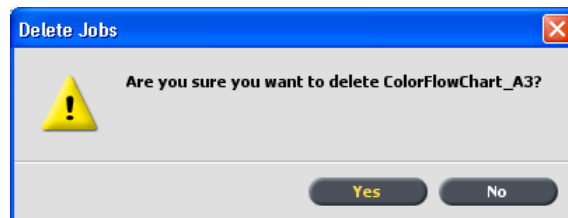
You can search a job only if it is in the **Storage** area.

1. In the upper pane of the **Storage** area, in the **Search** box, type the name of the job that you want to find.
2. Then, click the magnifying glass icon . Your job is highlighted.

Deleting a job

You can delete a job only if it is waiting in a queue. You cannot delete a job that is being processed or printed.

1. Right-click the desired job in the queue or **Storage** area, and select **Delete**.



2. Click **Yes**.

Resubmitting a job

- In the **Storage** area, right-click the job that you want to submit again, and select **Submit**.

Note: You can change the number of copies to be resubmitted by clicking in the **Copies** column and typing the required number of copies.

RTP jobs are submitted to the Print queue ; all other jobs are submitted to the Process queue.

Reverting a job to its original file type

You may need to revert a job to its original file type to reRIP the job with new settings, or to archive it.

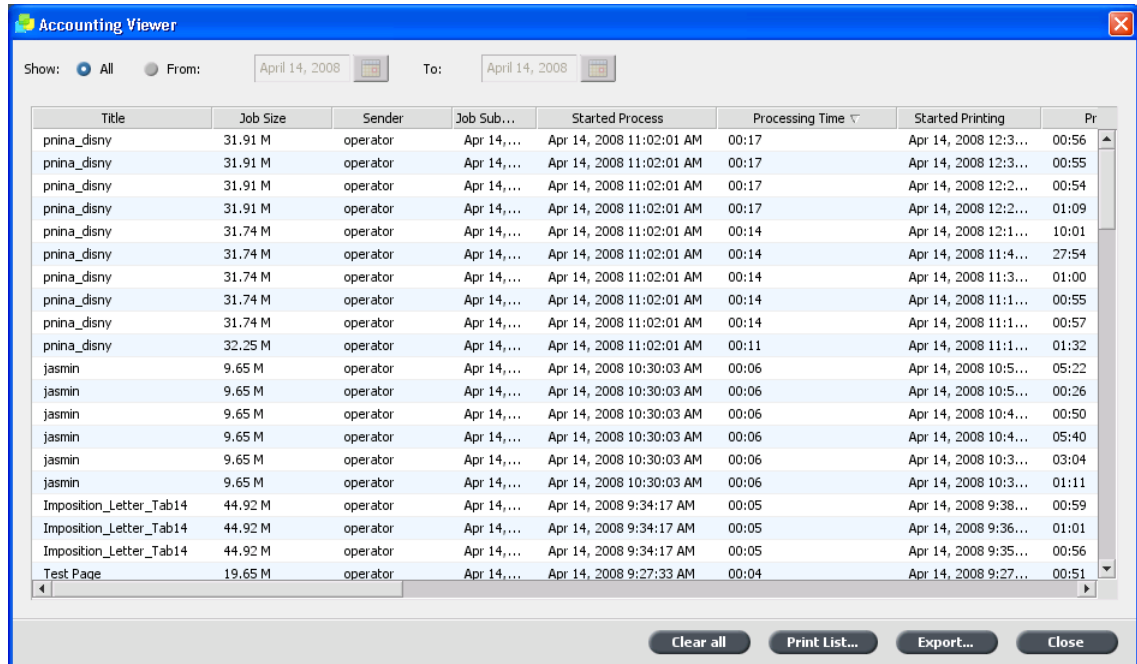
- In the **Storage** area, right-click the desired job, and select **Revert to original file type**.

Job Reports

Accounting Viewer overview

The Accounting Viewer provides information about all of the jobs that were printed successfully via the CX print server. The report is in the form of a tab-delimited file. You can filter, sort, and print the jobs in the report and also export the report to a spreadsheet application—for example, *Microsoft Excel*—where you can manipulate the data. By default, all of the jobs that were handled during the past 90 days are listed.

Accounting Viewer



Title	Job Size	Sender	Job Sub...	Started Process	Processing Time	Started Printing	Pr
pnina_disny	31.91 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:17	Apr 14, 2008 12:3...	00:56
pnina_disny	31.91 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:17	Apr 14, 2008 12:3...	00:55
pnina_disny	31.91 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:17	Apr 14, 2008 12:2...	00:54
pnina_disny	31.91 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:17	Apr 14, 2008 12:2...	01:09
pnina_disny	31.74 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:14	Apr 14, 2008 12:1...	10:01
pnina_disny	31.74 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:14	Apr 14, 2008 11:4...	27:54
pnina_disny	31.74 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:14	Apr 14, 2008 11:3...	01:00
pnina_disny	31.74 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:14	Apr 14, 2008 11:1...	00:55
pnina_disny	31.74 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:14	Apr 14, 2008 11:1...	00:57
pnina_disny	32.25 M	operator	Apr 14,...	Apr 14, 2008 11:02:01 AM	00:11	Apr 14, 2008 11:1...	01:32
jasmin	9.65 M	operator	Apr 14,...	Apr 14, 2008 10:30:03 AM	00:06	Apr 14, 2008 10:5...	05:22
jasmin	9.65 M	operator	Apr 14,...	Apr 14, 2008 10:30:03 AM	00:06	Apr 14, 2008 10:5...	00:26
jasmin	9.65 M	operator	Apr 14,...	Apr 14, 2008 10:30:03 AM	00:06	Apr 14, 2008 10:4...	00:50
jasmin	9.65 M	operator	Apr 14,...	Apr 14, 2008 10:30:03 AM	00:06	Apr 14, 2008 10:4...	05:40
jasmin	9.65 M	operator	Apr 14,...	Apr 14, 2008 10:30:03 AM	00:06	Apr 14, 2008 10:3...	03:04
jasmin	9.65 M	operator	Apr 14,...	Apr 14, 2008 10:30:03 AM	00:06	Apr 14, 2008 10:3...	01:11
Imposition_Letter_Tab14	44.92 M	operator	Apr 14,...	Apr 14, 2008 9:34:17 AM	00:05	Apr 14, 2008 9:38...	00:59
Imposition_Letter_Tab14	44.92 M	operator	Apr 14,...	Apr 14, 2008 9:34:17 AM	00:05	Apr 14, 2008 9:36...	01:01
Imposition_Letter_Tab14	44.92 M	operator	Apr 14,...	Apr 14, 2008 9:34:17 AM	00:05	Apr 14, 2008 9:35...	00:56
Test Page	19.65 M	operator	Apr 14,...	Apr 14, 2008 9:27:33 AM	00:04	Apr 14, 2008 9:27...	00:51

Accounting Viewer columns

The columns in the Accounting Viewer indicate the following information:

Title	Original name of the file related to this job (that is, without the extension).
Job Size	Job size in MB.
Sender	User name of the system from which this job originated.
Job Submission	Date job was submitted.
Started Process	Date and time in which the job first started processing.
Processing Time	Total time during which the job was processed
Started Printing	Date and time in which the job first started printing.

Accounting Viewer columns	
Printing Time	Total time during which the job was printed.
Paper Size	Size of the media set for the job—for example, Letter, A3, A4.
Media Type	Paper type.
Weight	Paper weight in gs/m.
B/W Pages	Number of black-and-white pages in the original PDL file.
Color Pages	Number of color pages in the original PDL file.
Blank Pages	Number of blank pages, inserts, or interleaves in the original PDL file.
Total Pages	Number of pages that were printed.
Account	[Optional] string of text, if such was entered in Job Parameters window.
Recipient	[Optional] string of text, if such was entered in Job Parameters window.
Job Comments	[Optional] string of text, if such was entered in Job Parameters window.

Exporting the accounting log

Export and save the accounting log as an ASCII Tab delimited file in a specified location.

Requirements:

Create a folder for exporting the accounting log.

The accounting log includes all of the columns (even those that were hidden), listed in the original order and sorting. The data that you export

is not deleted from the accounting report (that is, it will still be displayed in the Accounting Viewer). Once you save the *.txt file, you can manipulate the data in a text editor or in a spreadsheet application—for example, *Microsoft Excel*.

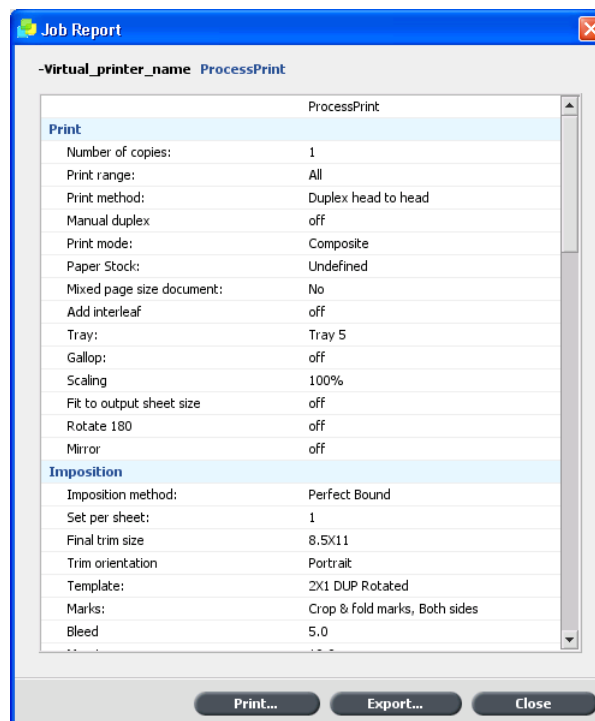
1. From the **Info** menu, select **Accounting**.
2. In the Accounting Viewer, filter the information as desired.
3. Click **Export**.
4. Locate the folder in which to save the report.
5. Click **Export**.

You can print the accounting information (filtered and sorted) to any connected printer.

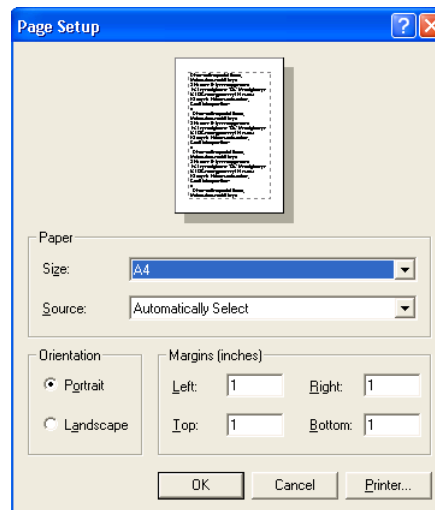
Printing the job report

The job ticket report contains all of the information from the Job Parameters window (including Job Parameters window title bar data). The Job Ticket report presents the job parameters on a single sheet and may be exported or printed as a hard copy.

1. In the **Storage** area, right-click the desired job, and select **Job report**.



2. Click **Print** to print the report as a text file.



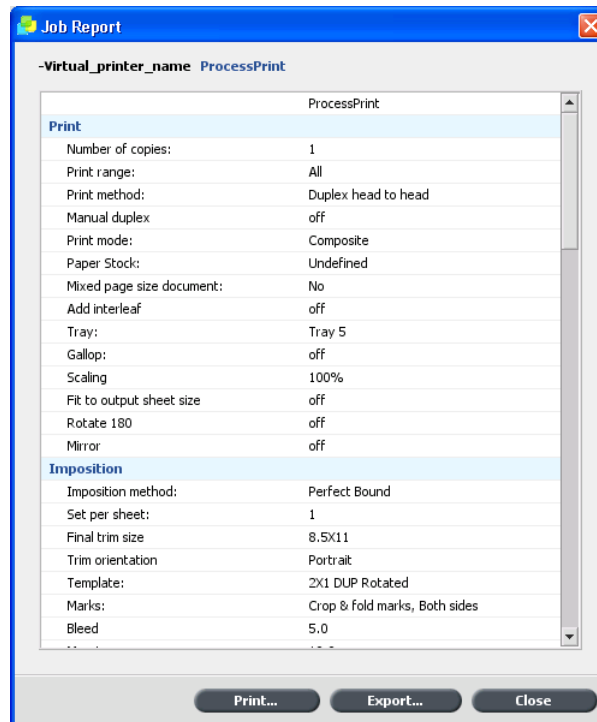
3. Set the printing options as desired, and click **OK**.
The Print dialog box appears.
4. Click **OK**.
The job report is printed.
5. Click **Close** to close the Job Report dialog box.

Exporting the job report

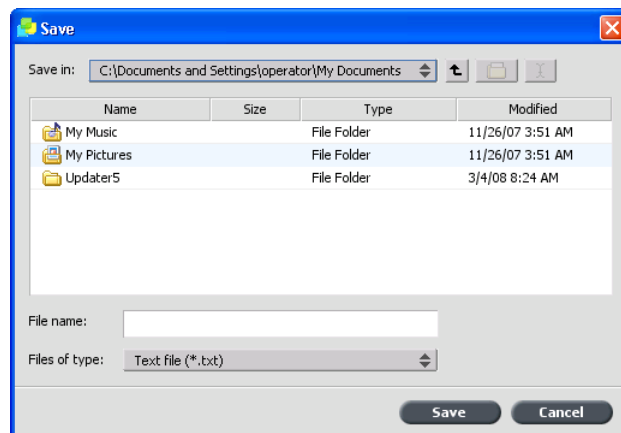
The job ticket report contains all of the information from the Job Parameters window (including Job Parameters window title bar data).

The Job Ticket report presents the job parameters on a single sheet and may be exported.

1. In the **Storage** area, right-click the desired job, and select **Job report**.



2. Click **Export** to export the report as a text file.



3. Locate the folder in which to save the report.
4. In the **File name** box, type a name for the file.
5. Click **Save**.

The job report is saved as a text file in the specified location.

8

Working with color server tools on client workstations

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EZ Connect utility overview

The EZ Connect utility enables a site manager to monitor the status of the CX print server and other Creo color servers connected to printers on a network. Using the EZ Connect utility, you can:

- View the printer connection, trays, cable, power, and other aspects of the printer
- View updated printer status information
- Search for jobs

The EZ Connect utility also includes two tools:

- **Web Viewer:** enables you to view the printer's status, print and process queues, **Storage** area, and server information.
- **Remote Workspace:** opens an actual workspace for the selected server and enables you to import jobs, print jobs, and perform certain workflows. Several users can connect to the same server simultaneously from different remote workstations.

Note: You can run EZ Connect on your desktop while you use other applications on your computer. EZ Connect does not disrupt server activity.

Installing the EZ Connect utility on your client workstation

Requirements:

Make sure that you have started the remote connection option on the CX print server.


1. On your desktop, click **Start > Run**.
2. In the Run dialog box, type the exact name of the server where the EZ Connect utility is located, as follows: `\\<server_name>`.
3. Click **OK**.
4. In the **D:Utilites/PC Utilities** folder on the CX print server, locate the **EZConnect_v1_0_Setup.exe** file.
5. On your client workstation, double-click the **EZConnect_v1_0_Setup.exe** file.
The EZ Connect utility is installed on your computer. The EZ Connect installer informs you when the installation process is complete.
6. Click **OK**.

After the EZ Connect utility is installed on your client workstation, the EZ Connect utility appears under **Start > Programs > EZConnect > EZConnect Runner**.

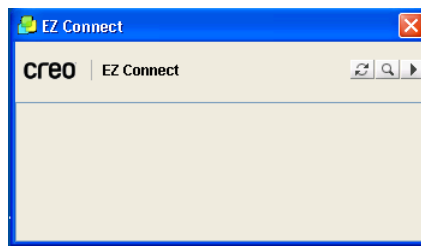
You can now add servers, monitor their status, and obtain information about the printer.


Adding a color server in the EZ Connect window

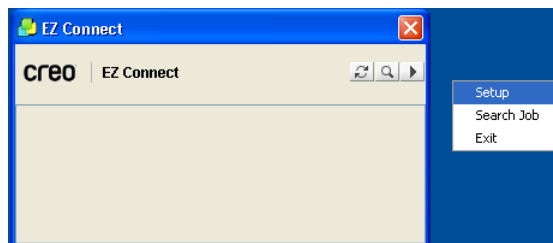
1. On your desktop, click **Start > Programs > EZConnect > EZConnect Runner**.

The **EZ Connect** icon  is added to your taskbar. It is accessible while you work on other applications.

2. On the taskbar, double-click the **EZ Connect** icon.

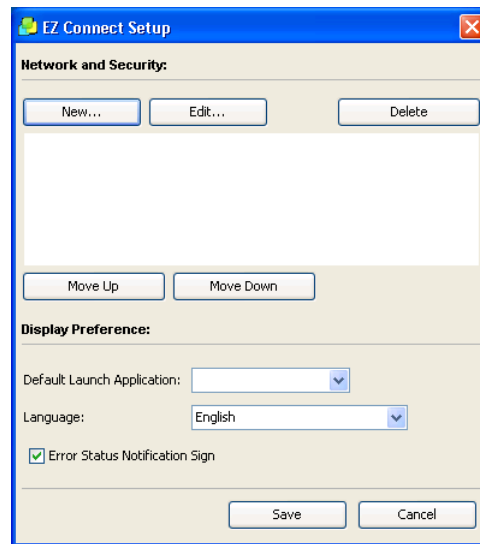


3. In the EZ Connect window, click the **Settings**  button.



4. Select **Setup**.

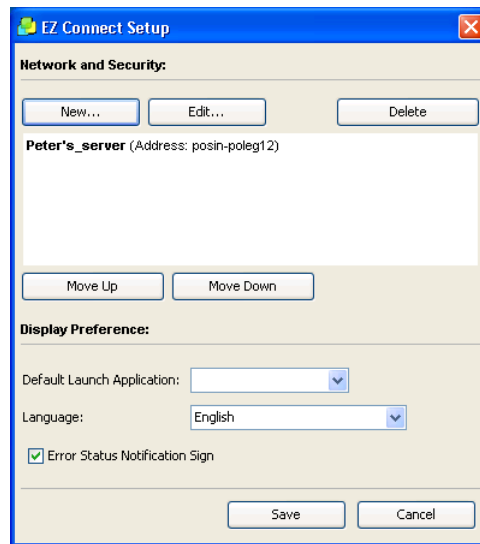
The EZ Connect Setup dialog box appears.



5. To add a server, click **New**.
The Add New Server dialog box appears.
6. In the **Hostname/IP** box, type the server's name or IP address—for example, `Server_4`.
7. In the **Display Name** box, type the server name that you want to appear in the EZ Connect window—for example, `Peter's_server`.
8. In the **Type** list, select the Creo color server type.



9. Click **Connect**.
The new server appears in the EZ Connect Setup dialog box.




10. Select the new server that you just added, and click the **Move Up** or **Move Down** buttons to change the position of the server in the list, if desired.
11. From the **Default Launch Application** list, select the desired application (Remote Workspace or Web Viewer) that you will use to access the server.

Note: The Remote Workspace application is only available for Spire color servers that support this feature.
12. From the **Language** list, select the desired language.
13. Select the **Error Status Notification Sign** check box to display a sign for errors.
14. Click **Save**.

The server appears in the EZ Connect window.
15. To add another server, repeat steps 5-14.

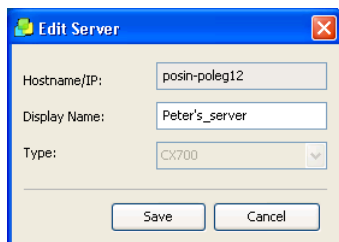
You have added a server to the EZ Connect window.

Renaming a color server in the EZ Connect window

1. Open the **EZ Connect** dialog box.
2. In the EZ Connect dialog box, click the **Settings**  button, and select **Setup** from the list.
3. In the list of servers, select the desired server.


4. Click **Edit**.

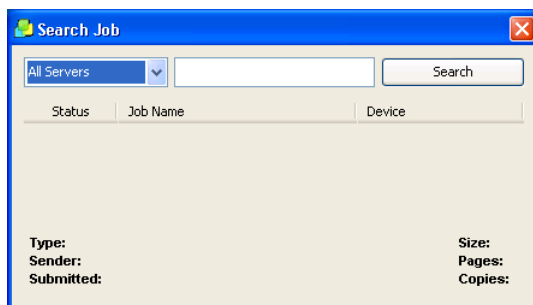
The Edit Server window appears.



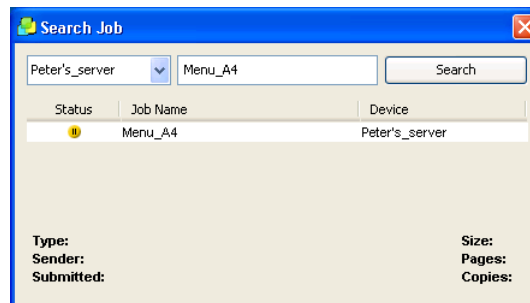
5. In the **Display Name** box, type the new display name for the server.
6. Click **Save**.
The new name appears in the EZ Connect Setup window.

Searching for a job on a color server in the EZ Connect window

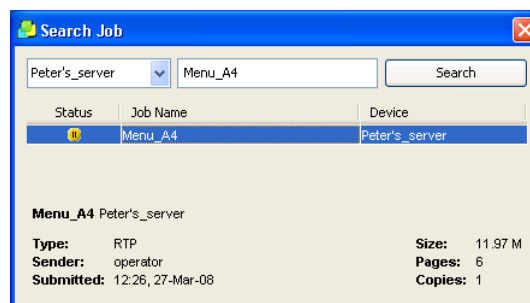
1. Open the **EZ Connect** dialog box.
2. In the EZ Connect dialog box, click the **Search**  button.



3. From the server list, select one of the following to search for the job:
 - **All Servers**
 - A specific server
4. In the blank white box do one of the following:
 - Type the exact name of the job
 - Type * (asterisk symbol) to list all jobs on the server(s)
5. Click **Search**.
The job appears in the Search Job window.



6. Select the job to display information about the job.



Deleting a color server from the EZ Connect window

1. Open the **EZ Connect** dialog box.
2. In the EZ Connect dialog box, click the **Settings** button, and select **Setup** from the list.
3. In the list of servers, select the desired server.
4. Click **Delete**.
The server is removed from the list.

Connecting to the Remote Workspace tool

Requirements:

- Installation of the EZ Connect utility.
- You can connect to the Remote Workspace tool only on servers that support this tool.

The Remote Workspace tool opens an actual workspace for the selected server, and enables you to do the following:

- import jobs
- view and manage jobs
- view printer information
- set job parameters
- Perform Off -the-glass calibration
- Perform calibration using the spectrophotometer connected to your client workstation

1. Open the EZ Connect utility.
2. In the EZ Connect window, right-click the desired server, and select **Remote Workspace**.

If this is the first time that you are accessing the Remote Workspace application, the Downloading RWS dialog box appears.

If you have accessed the Remote Workspace application, proceed to step 4.

Note: You can set the Remote Workspace as your **Default Launch Application** for a server in the EZ Connect Setup window.

3. Click **OK**.
The Remote Workspace tool is downloaded and installed.
4. Click **Finish**.
The Logon dialog box appears.
5. Click **Logon**.

The Remote Workspace window appears.

Some options are not available.


Remote Workspace: POSIN-POLEG12 - Operator


File Manage Queues Tools Info Help

Feb 27, 2008 5:30 PM

powered by **creo**

Printer Status

 **Printer Needs Attention**



Trays

- Tray 1 Coated 64-80 gsm
- Tray 2 Uncoated 64-80 gsm
- Tray 3 **Empty**
- Tray 5 **Empty**
- Tray 6 **Empty**
- Tray 8 (In... 64-80 gsm)

Printer Status

- Finishers
- Toners
- Consumables
- Server

Print Queue

Total 0

Status	Title	Sender	Submission Time	Copies	Pages	Time Passed
--------	-------	--------	-----------------	--------	-------	-------------

Process Queue

Total 1







Status	Title	Sender	Submission Time	Copies	Pages	Time Passed
Waiting	Document1.	POS_QA	Feb 27, 2008 3:53 PM	1	1	


Storage

Total 6

Search

View: Preview

Status	Title	Type	Sender	Submission Time	Page Size	Pages	Job size
	Catalog_Letter	PDF	operator	Feb 26, 2008 8...	A3	16	78.51 M
	Capri JT4	PS	Guest	Feb 26, 2008 8...	8.5X11	39	4.58 M
	Capri JT	PS	Guest	Feb 26, 2008 8...	A4	39	4.58 M
	PANTONE@ C...	PS	operator	Feb 26, 2008 8...	A3	#	5.56 K
	Imposition Mad...	PDF	operator	Feb 26, 2008 8...	A3	16	1.72 M
	Imposition Mad...	PDF	operator	Feb 26, 2008 8...	A3	16	1.9 M



Connecting to the Web Viewer

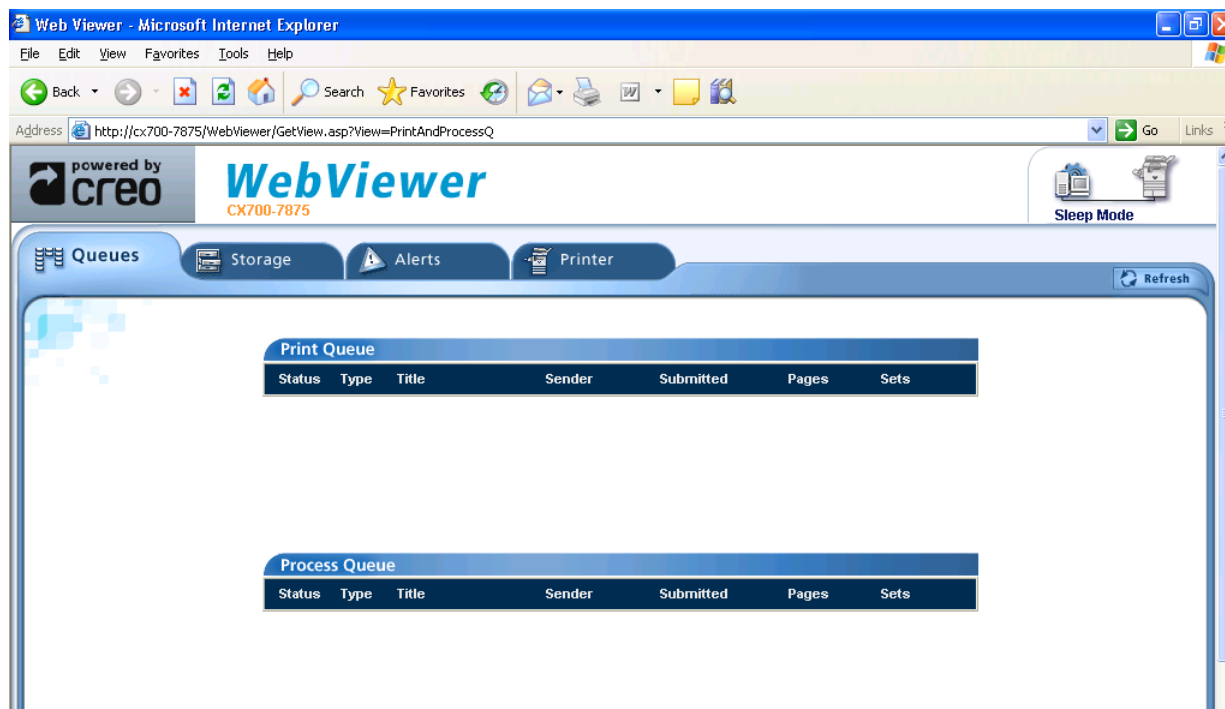
Requirements:

Make sure that the EZ Connect utility is running.

The Web Viewer is a tool provided with the EZ Connect utility. The Web Viewer provides server information and enables you to view the status of jobs in the print queue, the process queue, and the **Storage** area.

- In the EZ Connect window, right-click the desired server, and select **Web Viewer**.

The Web Viewer appears, displaying print and process queue information.



Note: You can set the Web Viewer as your **Default Launch Application** for a server in the EZ Connect Setup window.

Creo Office hot folders

Installing the Office HF Tool

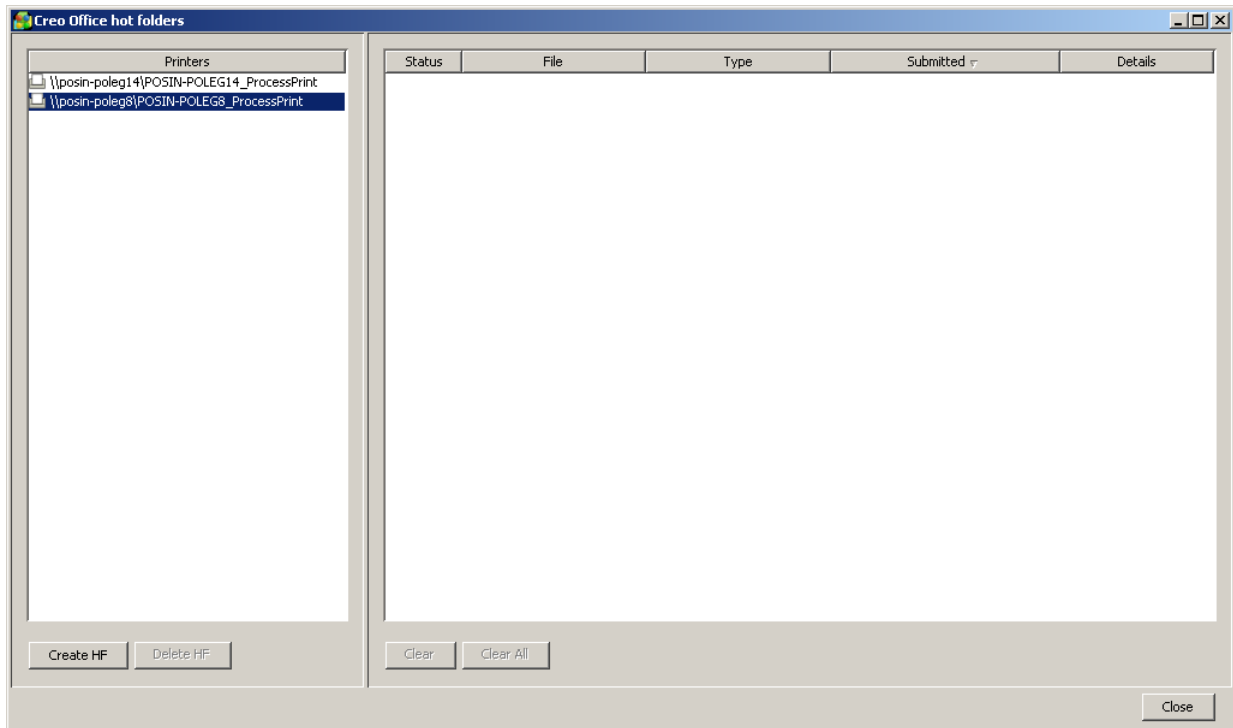
1. Locate the **D:\Utilities\PC Utilities** folder on the CX print server.

2. Double-click the **Office_HF.exe** file.

The Office HF tool is installed on your client workstation.

When the installation process is complete, the Creo Office hot folders window appears.

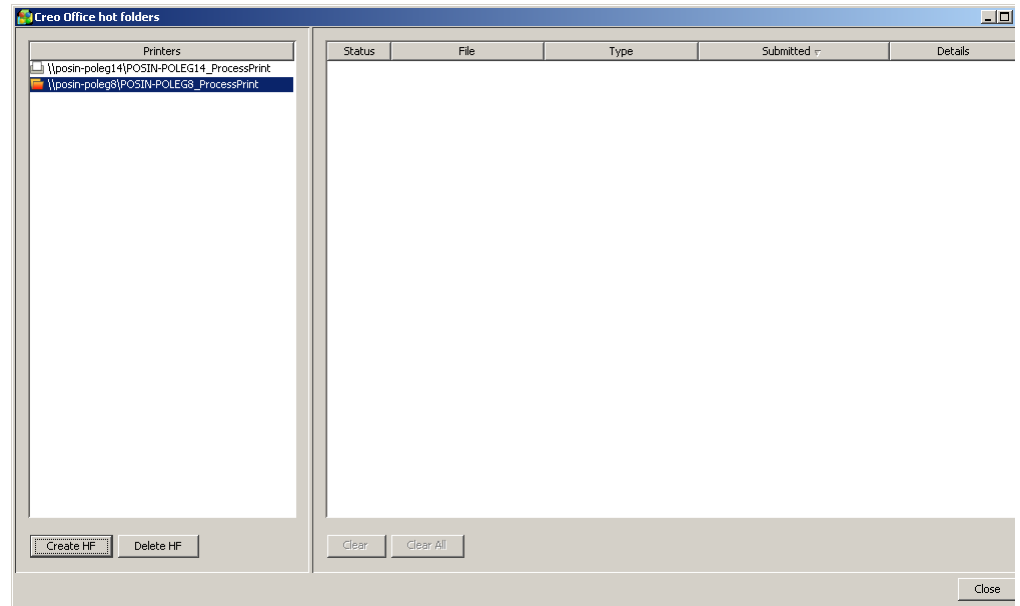
All virtual printers that are currently on your client workstation appear in the Creo Office hot folders window.



Creating Creo Office hot folders

1. In the Creo Office hot folders window, in the **Printers** pane, select the virtual printer for which you want to create a hot folder.

2. Click **Create HF**.



You can now print *Microsoft Office* files via this hot folder.

Printing Microsoft Office files via Creo office hot folders

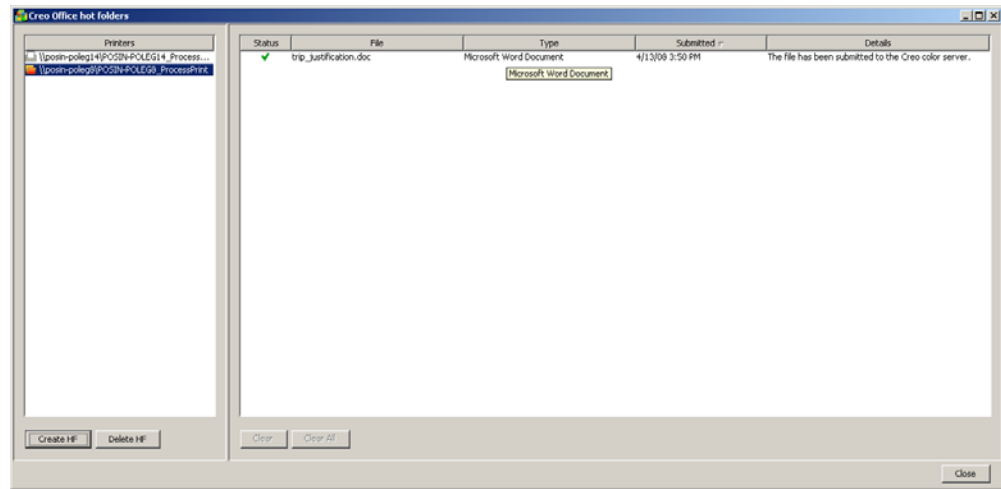
Requirements:

A Microsoft® file with one of these file formats:

- **.ppt**
- **.doc**
- **.xls**
- **.pub**

1. In the Creo Office hot folders window, select the hot folder you want to use to submit your file.

2. Drag the file to the hot folder.



Your file is processed and printed automatically to the printer, according to the hot folder workflow.

Creo Color Server Job Ticket software

Overview

Overview of the Creo Color Server Job Ticket software

The Creo Color Server Job Ticket software enables you to create a Job Definition Format (JDF®) file. This **JDF** file contains a set of printing parameters (job ticket) and may also include the path to a file to be printed using those parameters.

Note: If you assign a file to a job ticket, make sure that the file location is accessible to the Creo color server.

Because you work on a remote computer, you don't need to be connected to a Creo color server to create a job ticket. You can assign a job ticket to any type of file.

With the Creo Color Server Job Ticket software you can:

- Create a job ticket
- Open a job ticket
- Load job parameters from a selected server
- Send a job to print using a job ticket that you created

Localization

The Creo Color Server Job Ticket software displays the language of your computer's Windows operating system. To ensure that the language the Creo Color Server Job Ticket software displays and the language of the job parameters window that you work with are the same, set the language of your computer's operating system to the same one of the Creo color server that you are creating the job ticket for.

Installation

Installing the Creo Color Server Job Ticket software on a Windows-based client workstation

1. From your client workstation, navigate to the **D:/Utilities/PC Utilities** folder on the Creo color server.
2. Double-click the **CreoColorServerJobTicket.exe** file.

After the installation process is complete, the Creo Color Server Job Ticket software opens. A shortcut to the Creo Color Server JT software appears under **Start Programs > Creo Color Server > Creo Color Server Job Ticket**.

Installing the Creo Color Server Job Ticket software on a Kodak Prinergy server

Requirements:

The Kodak® Prinergy® software should be open.

1. In the Job Finder window, from the **Tools** menu, select **Digital Print Administration Console > Configure**.
The Configure Digital Print Application dialog box appears.
2. Select **Add**.
3. In the **Application Name** box, type `Creo Color Server JT`, and click **Browse**.
4. In the Select dialog box, double-click **CreoColorServerJobTicket.exe**.
5. In the Add Digital Application dialog box, click **Add**.
6. In the Configure Digital Print Application dialog box, click **Done**.
The Creo Color Server Job Ticket is now part of the **Digital Print Administration Console** menu.

7. From the **Tools** menu, select **Digital Print Administration Console > Creo Color Server JT**.

The Creo Color Server Job Ticket software is installed on the Prinergy server. When the installation process is complete, the Creo Color Server Job Ticket software opens.

Creating and managing job tickets

Creating a job ticket on a Windows-based client workstation

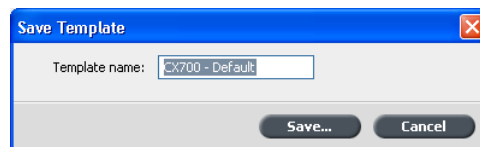
Requirements:

Knowledge of the Creo color server Job Parameters window.

1. From the **Start** menu, select **Programs > Creo Color Server > Creo Color Server JT > Creo Color Server Job Ticket V1_0**.

The Creo Color Server JT window opens displaying the Job Parameters window of the server that is currently selected.

2. Set the required job parameter settings.
3. Click **Save**.



4. In the **Save Template** dialog box, type a name for the job ticket, and click **Save**.

The job ticket is saved in the path defined in the Preferences window. The default path is: **C:\Program**

Files\Color_Server_Client_Tools\Creo_Color_Server_JTV1_04\JT files\<server name>.

Creating a job ticket via Prinergy

Requirements:

- Prinergy system should be running.
 - The Creo Color Server Job Ticket software is installed on the Prinergy server.
 - Knowledge of the Creo color server Job Parameters window.
1. In the Job Finder window, from the **Tools** menu, select **Digital Print Administration Console > Creo Color Server JT**.
The Creo Color Server Job Ticket software opens.
 2. In the Job Parameters window, set the required printing settings.
 3. Click **Save**.
 4. In the **Save Template** dialog box, type a name for the job ticket.
 5. Click **Save**.

The job ticket is saved in the path defined in the Preferences window. The default path is: **C:\Program**

Files\Color_Server_Client_Tools\Creo_Color_Server_JTV1_04\JT files\<server name>.

Opening a job ticket

Requirements:

You can only open job tickets that you have already saved.

- From the **File** menu, select **Load**, and then the job ticket name.

The selected job ticket appears with the predefined job parameters.

Loading job parameters from a selected server

Requirements:

You can load job parameters from a server, only after you add that server to the Creo Color Server Job Ticket list of servers. To learn how to add servers, see Adding a server.

1. From the **Tools** menu, select **Use JT Settings From**.
2. In the list that appears, click the desired server.

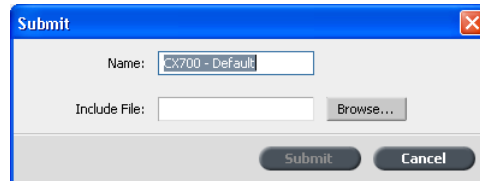
A check mark appears next to the selected server, and the Creo Color Server Job Ticket software loads the appropriate job parameters window.

Submitting a job ticket for printing

Requirements:

You can only submit a job ticket to print if the job ticket has an assigned file.

1. After you set all the job parameters for the job ticket, in the Creo Color Server Job Ticket software main window, click **Submit**.



2. In the **Name** box, type the name of the job ticket.
3. Click **Browse**.
4. In the Browse dialog box, locate the file that you want to print using the job ticket, and click **Open**.

Note: The file must be in a location that is accessible to the Creo color server, otherwise, the file won't be printed.

5. Click **Submit**.

The file is sent to the Creo color server and is printed according to the settings defined in the job ticket.

Printing from the Prinergy software

Requirements:

The Prinergy software should be running.

1. In the Prinergy Job Manager window, in the **Pages** area, select the job that you want to print, and drag it to Loose Page Proof template.
2. In the Start Process dialog box, select **Edit Process Template**.
3. In the Loose Page Proof template dialog box, open the **Include JDF for Digital Print** tab.
4. In the **Device Selection** list, select **Creo Spire Color Server (Xerox®)**.
5. In the **PDF Path** box, type \\<Creo Color Server name>\<anyshared folder on the Creo Color Server>

Note: It is recommended to use the JobUploads shared folder.

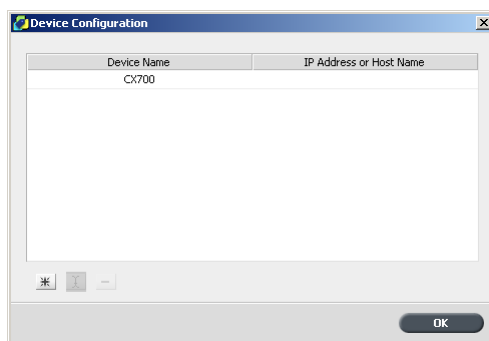
6. In the **JDF Path** box, type \\<Creo Color Server name>\<any hot folder on the Creo Color Server>

7. In the **Select JDF Templates** area, click **Browse**.
8. In the File Browser dialog box, select the required JDF file, and click the **Select <JDF_file_name>** button.
9. Click **OK**.
10. In the Start Process dialog box, click **OK**.

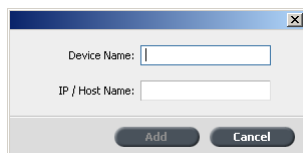
The job is printed with the settings defined in the JDF file.

Adding a server

1. From the **Tools** menu, select **Use JT Settings From > Other Devices**.



2. In the Device Configuration dialog box, click the **add** button .



3. In the **Device Name** box, type a name for the server that you want to use.
4. In the **IP / Host Name** box, type the IP address or host name of the server that you want to use.
5. Click **Add**.
6. To close the Device Configuration dialog box, click **OK**.

The new server appears in the list.

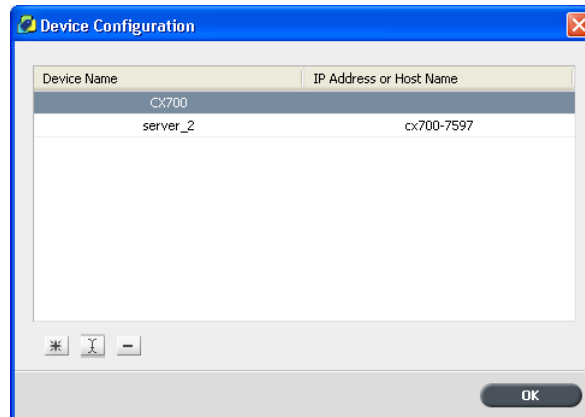
Removing a server


Requirements:

The **Remove** button is available only if the list of servers contains more than one server.

You install the Creo Color Server Job Ticket software from a remote computer.

1. From the **Tools** menu, select **Use JT Settings From > Other Devices**.

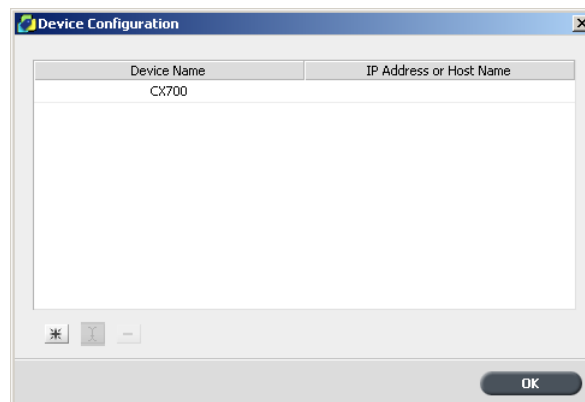


2. Under **Device Name**, select the server that you want to remove.
3. Click the **remove** button .
4. In the confirmation message window, click **Yes**.
5. To close the Device Configuration dialog box, click **OK**.

The selected server is removed from the list.

Renaming a server

1. From the **Tools** menu, select **Use JT Settings From > Other Devices**.



2. Under **Device Name**, double-click the server that you want to rename.
3. Type a new name for the server, and press Enter.

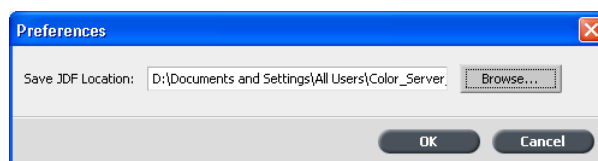
Note: The name of a server must be unique.

4. If a server with the same name already exists, you are prompted with a message. To replace the existing server, click **Yes**.
5. To close the Device Configuration dialog box, click **OK**.

Defining a new location for saved job tickets

1. From the **Tools** menu, select **Preferences**.
The Preferences dialog box appears displaying the default location of the saved job tickets.

Note: If you have already changed the location, the **Save JDF Location** box displays the location that you selected previously.



2. In the **Save JDF Location** box, click **Browse** and select the desired location.
3. Click **OK**.
4. In the Preferences dialog box, click **OK**.

Job tickets that you create from now on will be saved in the new location.

Updates

The update feature

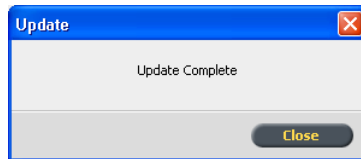
You use the **Check for Updates** feature to check if a new version of the Creo Color Server Job Ticket software is available, or if the job parameters settings of the server selected on the Creo Color Server Job Ticket changed.

The following types of resources are examples of information that may be updated:

- Paper stock
- Gradation tables
- Imposition templates
- Destination profiles

Checking for updates

1. From the **Help** menu, click **Check for Updates**.
2. One of the following will occur:
 - If a newer version of the Creo Color Server Job Ticket software is available, or a new set of parameters is available for the currently loaded server, an updating process begins. At the end of the process, click **Close**.
 - If a new version of the software is not available, and there are no new parameters to be loaded, then in the Update message, click **Close**.



A new version of the Creo Color Server Job Ticket software, and/or a new set of job parameters available on the loaded server, is installed on your computer.

VDP Toolbox

VDP Toolbox Overview

The VDP Toolbox is a software application that is comprised of three applications:

- VDP Merge
- VDP View
- Optimized Mail Merge

The VDP Toolbox enables you to create a Variable Print Specification (VPS) file from PostScript files, and then convert the VPS file into a PDF. This conversion process increases the speed in which variable information is RIPPed and enables you to verify the final output format of your files before they are printed.

VDP Toolbox also contains hot folders that enable you to import multiple jobs to VDP Merge and generate VPS files in one batch.

VDP Merge

VDP Merge enables you to merge two or more PostScript files—where one is the VDP PostScript file, and the other contains the master information—and create a VPS file. The VDP PostScript files can be created in any DTP application such as *Microsoft Word's* Mail Merge or *PageMaker®*. The master files can be created on any DTP application, not necessarily the same application as you used for the VDP PostScript files.

A VPS file is composed of booklets, which you build from master files and a variable data file. The master files contain the reusable elements that are repeated in all of the booklets, for example graphics and text in a form letter. The variable data file contains the unique data that appears only once in the booklet, for example, names and addresses.

VDP View

VDP View enables you to convert the VPS or VIPP file to a PDF and verify the final output format of your files before they are printed.

VDP View is a user-friendly and rapid-processing application, that provides the following two methods for converting files:

- **Interactive:** this method enables you to select an input file, define the required settings, process the file, and view the output PDF.
- **Watched Folders:** this method enables you to define each **Watched Folder** location and automatically create **In** and **Out** subfolders for each **Watched Folder**. Then when a file is saved or copied to an **In** folder, the file is automatically processed, and a PDF is created and saved to the corresponding **Out** folder, ready for viewing.

Optimized Mail Merge

Optimized Mail Merge is a *Microsoft Word* add-in that enhances the Mail Merge workflow and the digital printing process by converting Mail Merge VDP jobs into VPS or Optimized PostScript output files.

The VPS format streamlines and accelerates the entire variable data printing process with small files, the ability to produce an unlimited amount of records, and shortened RIP times. Shared elements are cached and RIPPed only once, unlike PostScript files, which require RIPPING for every variable document.

With Optimized Mail Merge you can efficiently create full-color, personalized event invitations, inserts, newsletters, and other promotional materials.

Note: Optimized Mail Merge is only available for client workstations with *Microsoft Word XP, Word 2003, or Word 2007*.

The Optimized Mail Merge installation procedure adds the following to Microsoft Word:

- **Optimized Mail Merge** button  to the **Mail Merge** toolbar, enabling you to select mail merge options.
- Two options to the **Tools > Letters and Mailing** menu enabling you to activate Optimized Mail Merge and to select output formats.

Getting started

Hardware requirements

The following hardware is required to run VDP Toolbox:

- Processor: Pentium III, 450 MHz
- Hard Disk Space: 200 MB
- RAM: 128 MB minimum

Software requirements

The following software is required to run VDP Toolbox:

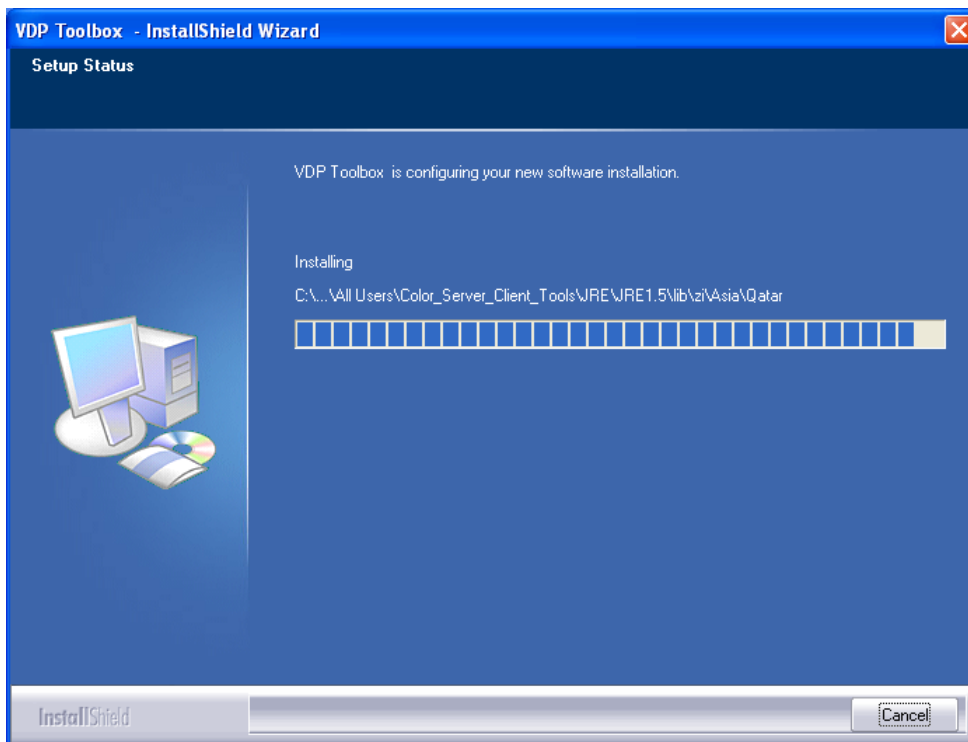
- Operating System: *Microsoft Windows NT 4.0, Microsoft Windows 2000 Professional or Server, Microsoft Windows Server® 2003, Microsoft Windows XP, Microsoft Windows Vista*
- *Microsoft Internet Explorer 6.0 or higher*
- For VDP View and to use the preview option in VDP Merge: *Adobe Acrobat 4.0 or higher*
- For the Optimized Mail Merge: *Microsoft Word XP, Word 2003, or Word 2007*
- For VDP View to preview VIPP files: VIPP

Installing the VDP Toolbox

1. On the CX print server, go to **D:/Utilities/PC Utilities**.

2. Double-click the **VDPToolbox.exe** file.

The VDP Toolbox InstallShield Wizard appears, followed by the Microsoft XML Parser Setup Wizard.



3. Click **Finish**.

The VDP Toolbox is installed. VDP Toolbox appears in **Start > Programs > Creo Color server > VDP Toolbox**, and the following icons appear on the desktop:




Uninstalling the VDP Toolbox

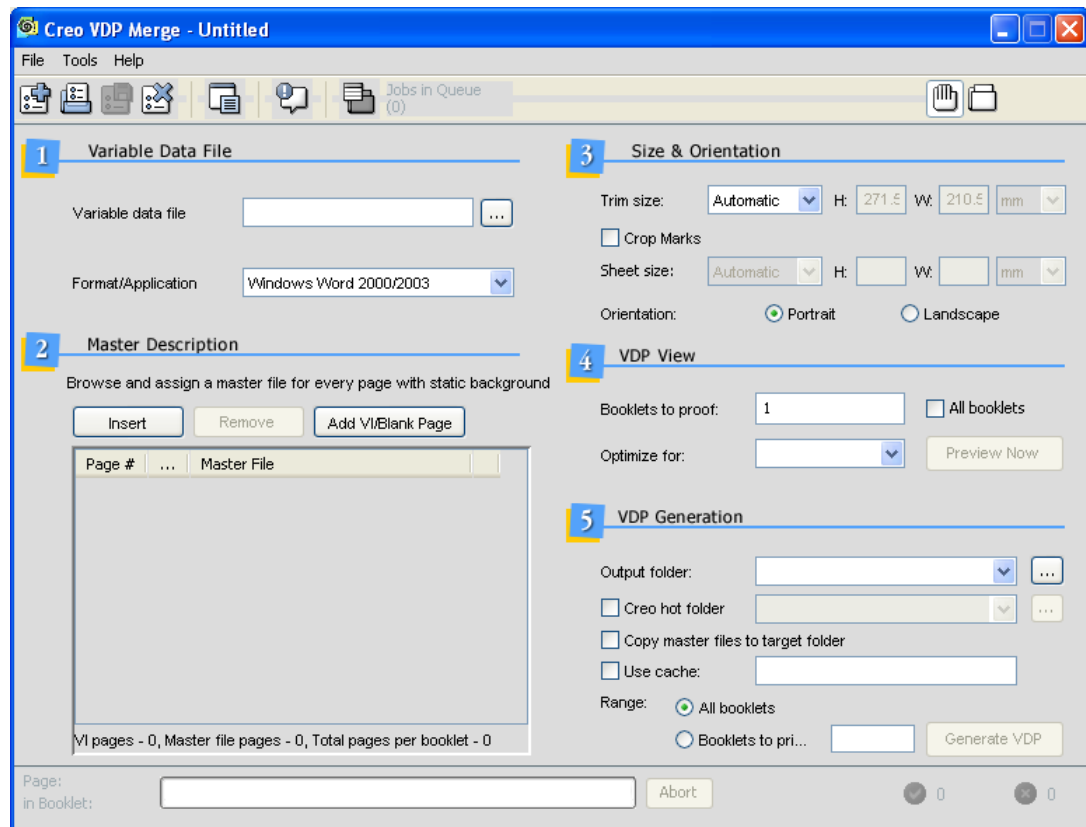
Note: Third-party applications that were installed alongside the VDP Toolbox will not be uninstalled. Use the Add/Remove Programs window to uninstall them individually.

- On the taskbar, click **Start** and go to **Programs > Creo Color server > VDP Toolbox > Uninstall**.
The VDP Toolbox is uninstalled.

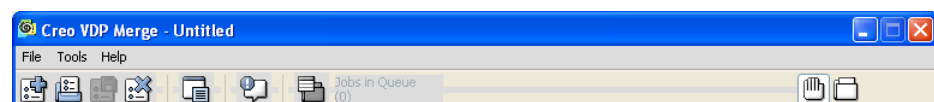
Merging PostScript files into VPS files

Opening VDP Merge

- To open the VDP Merge window, double-click the **VDP Merge** icon  on the desktop.



VDP Merge toolbar



Toolbar buttons



New Job Settings

Resets the VDP Merge window so you can create a new job setting.



Open Job Settings

Opens the **Open VDP Settings** dialog box from where you can open an existing job setting.



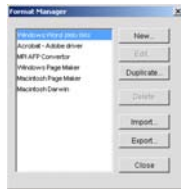
Save Job Settings

Enables you to save the job setting that you have created.



Delete Job Settings

Opens the Delete VDP Settings dialog box from where you can delete an existing job setting.



Format Manager

VDP Merge has default settings for the format or application of your variable data file. If your job setting doesn't work with one of the default settings, a new format can be created in the **Format Manager**.



Log Viewer

Enables you to see further details on the files that have been processed by VDP Merge.



Queue Manager

Enables you to view the files that are waiting to be processed. You can move the files up or down the queue, as necessary.



Manual Operation Mode

Enables you to do the following:

- Create a job setting
- Save a job setting

Toolbar buttons

- Delete a job setting
- Open a job setting
- Select a variable data file
- Build a booklet
- Choose a paper size and orientation
- Preview a booklet
- Generate a VPS file



Automatic Operation Mode

Enables you to an existing job setting, and then import and generate multiple variable information files using hot folders.

Workflows for Manual mode

There are two workflows for working in manual mode:

- Building and generating the VPS file
- Using an existing job setting and generating the VPS File

Building and generating the VPS file

1. Select a variable data file.
2. Build a booklet.
3. Choose the paper size and orientation.
4. Preview the booklet, using the view feature.

Note: At this stage the selected options can be saved as a job setting for future use.

5. Generate the VPS file.

Using an existing job setting and generating the VPS file

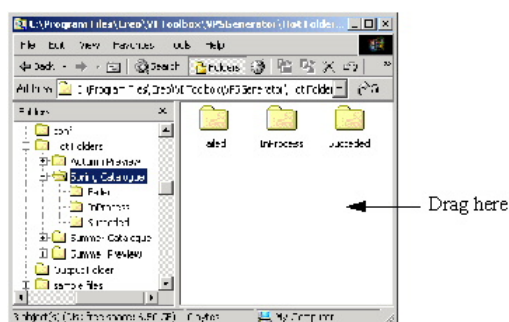
1. Select an existing job setting.
2. Select a variable data file.
3. Preview the booklet, using the view feature.
4. Generate the VPS file.

Workflow for Automatic mode

1. Select **Manual mode**, and then create or use an existing job setting. When you create the job setting, a hot folder is automatically created in the same location where the VDP Toolbox is installed.
2. Select **Automatic mode**.

Note: In **Automatic mode**, the job settings and **Format Manager** buttons in the toolbar are unavailable. In the main part of the VDP Merge window, only the **VDP Generation** area is available.

3. Open *Windows Explorer*, drag the variable PostScript file(s) into the hot folder.



VDP Merge automatically processes the file(s). The processing is shown in the VDP Merge window.

The hot folder contains three sub-folders:

- **Succeeded**
- **Failed**
- **In Process**

After the files arrive in the hot folder, they are processed immediately. In turn, each file moves to the **In Process** folder for the duration of its processing. If the processing succeeds, the processed file is sent to the designated output folder, and a copy of the PostScript file is kept in the **Succeeded** folder. If the file fails during processing, it is moved to the **Failed** folder.

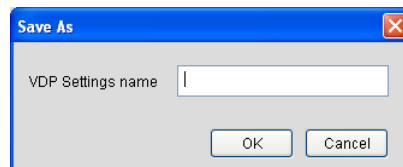
Working with job settings

A job setting acts as a template for your booklets. Job settings can be created and used for an individual job, or if required, can be saved for

future use. Job settings can be made available to other computers on the same network.

Creating a job setting

1. From the **File** menu, select **New Job Settings**.
2. In the **Master Description** area, select master files for your booklet.
3. In the **Size & Orientation** area, select the paper size and orientation.
4. If you want to preview a range of booklets before generating the VPS files, in the **VDP View** area, select the preview options.
5. In the **VDP Generation** area, select the options for generating and processing the VPS file.
6. Click the **Save Job Settings** button.

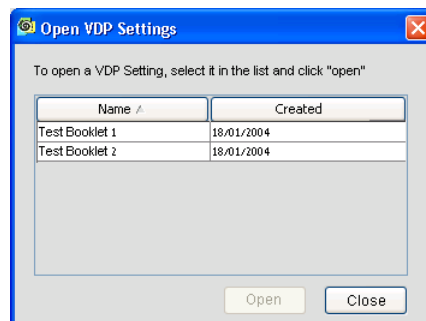


7. In the **VDP Settings name** box, type a name for your job setting.
8. Click **OK**.

The job setting is saved. A hot folder is automatically created with the same name as the job setting. The hot folder is created in the same location where the VDP Toolbox is installed.

Opening a job setting

1. From the **File** menu, select **Open Job Settings**.



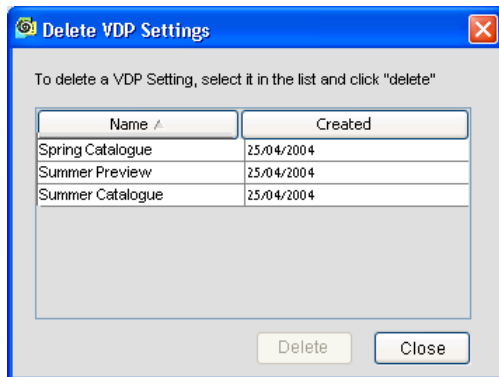
2. Select the file in which the job settings are stored.

3. Click **Open**.

The job appears in the **VDP Merge** dialog box.

Deleting a job setting

1. From the **File** menu, select **Delete Job Settings**.

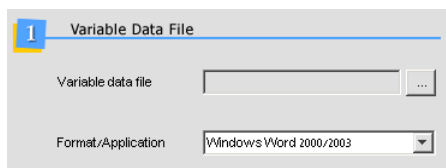


2. Select the job setting that you want to delete.
3. Click **Delete**.

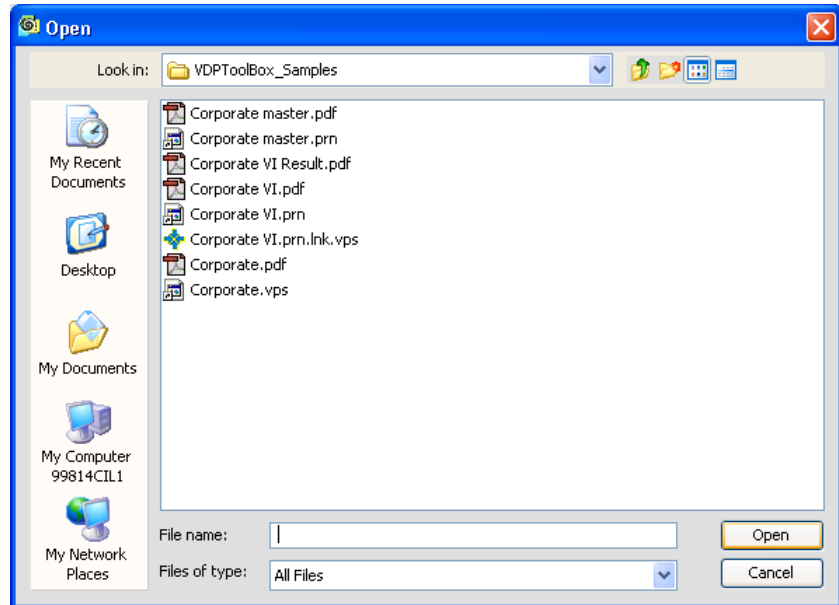
The job setting is deleted and is not retrievable.

Selecting a variable data file

1. Click the **browse** button next to the **Variable data file** box.

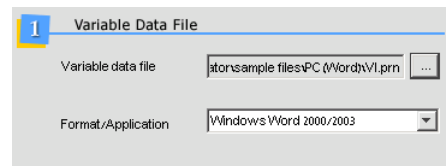


The Open dialog box appears.



2. Browse to and select the variable data file that you want to include in your booklet, for example—**Corporate VDP.prn**.
3. Click **Open**.

The file is automatically displayed in the **Variable data file** box.



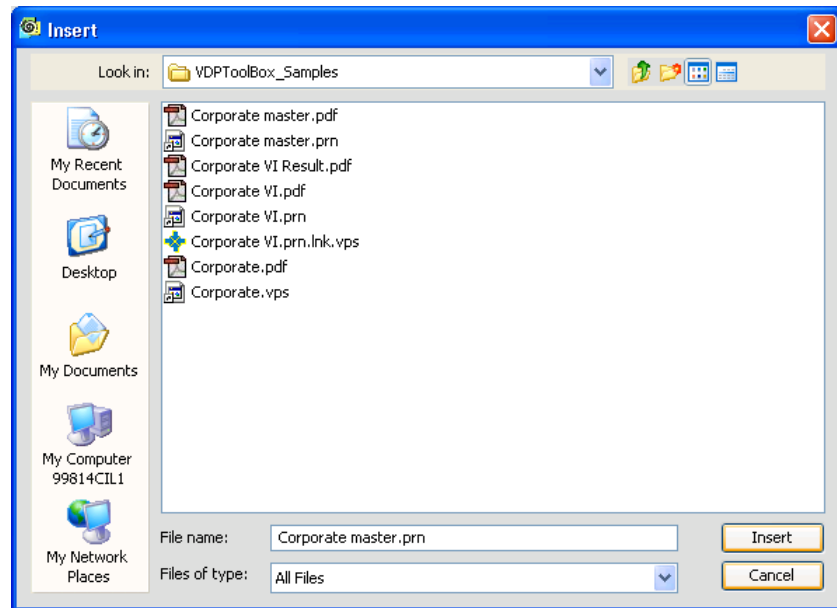
4. In the **Format/Application** box, select one of the following options according to where you created the VDP PostScript file:
 - Windows Word 2000/2003/2007
 - Adobe Acrobat Driver
 - MPI AFP Convertor
 - Windows Page Maker
 - Macintosh Page Maker
 - Macintosh Darwin

Note: The **Format/Application** has default settings. If your job settings don't work with one of the default settings, a new format can be created in the **Format Manager**. For more information, contact your dealer.

Building a booklet

A VPS file is composed of booklets that are built from the master files and the variable data file that you create in a DTP application.

1. In the **Master Description** area, click **Insert**.

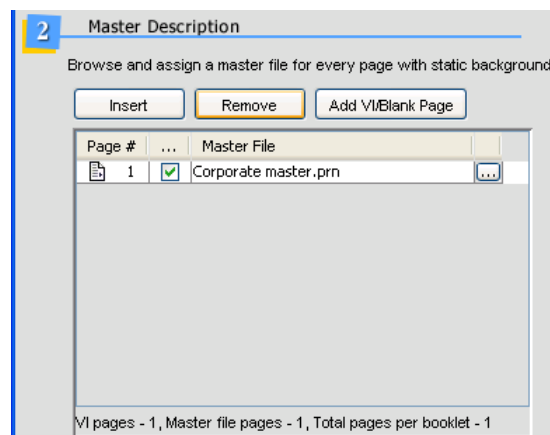


2. Browse to and select the first master page—for example **corporate master.prn**.

Note: The master file can be one of the following file types: **.eps**, **.tiff**, **.jpeg**, **.ps**, or **.prn**

3. Click **Insert**.

The file is inserted into the master file.



4. To add a blank page to your booklet, click **Add VDP/Blank Page**, and clear the **VDP check box**.

A blank page is added.

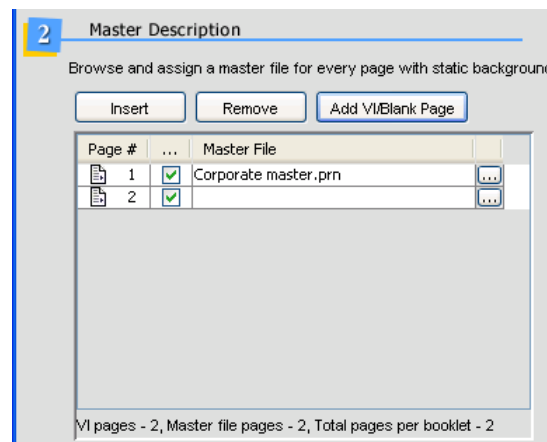
5. To add a VDP page to your booklet, click **Add VDP/Blank Page**.

A VDP page is added.

6. Repeat steps 3 and 5, as necessary, for all pages in the booklet.

Note: To remove a page from the booklet, select the file and then click **Remove**.

The page counter keeps track of the totals for each page type and the total pages in your booklet.

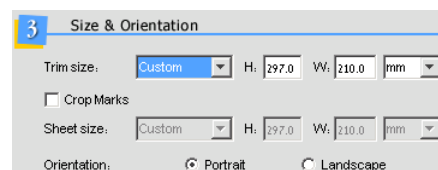


Choosing a paper size and orientation

The VDP Generator uses the paper size and orientation settings automatically defined in the VDP files. If required, you can select new settings for the VPS file here.

You can also choose to use crop marks to set the trim and sheet sizes for your job. Crop marks appear in the preview and the printed file.

1. In the **Trim size** box, select the trim size—for example, **Custom**.



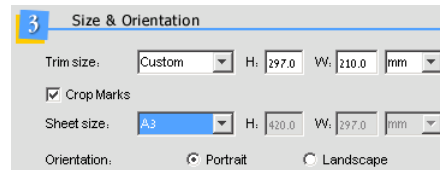
2. In the **H** and **W** boxes, type the height and width of the page, and then choose **mm** or **inch**.

Note: If you choose a standard paper size—for example, A4—the **H** and **W** boxes are automatically filled.

3. If you wish to use crop marks, select the **Crop Marks** check box.

Note: If you set the **Trim Size** to **Automatic**, the VDP Toolbox fits the trim size to the paper in the printer. In this case, the crop marks feature is unavailable.

4. If you selected the **Crop Marks** check box, you must specify the paper size. In the **Sheet size** box, select the sheet size—for example, **A3**.



5. In the **H** and **W** boxes type the height and width of the sheet, and then choose **mm** or **inch**.

Note: If you choose a standard paper size—for example, A4—the **H** and **W** boxes are automatically filled.

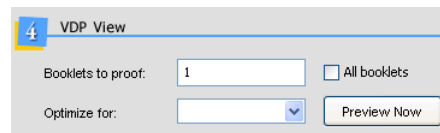
6. Select one of the **Orientation** options.

Note: All of the pages in your file must have the same orientation.

Previewing a booklet in the View feature

Before you generate the VPS file, you can preview a PDF of the file in the **View** feature.

1. To preview a range of booklets, in the **Booklets to proof** box, use the arrow keys to select the number of booklets.
2. To preview all booklets, select the **All booklets** check box.



3. In the **Optimize for** box, select the option that is most suitable for the PDF file—for example, for high-quality final output.

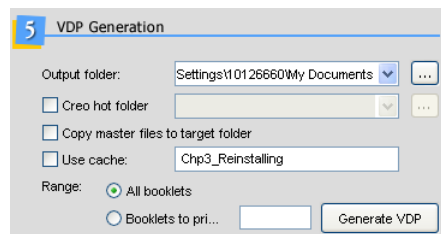
4. The options displayed in the **Optimize for** box depend on the list of distiller options available on your computer.
5. Click the **Preview Now** button.

VDP View automatically distills the file and creates a PDF.

Generating a Variable Print Specification file

The output folder path is specified by default. You can select a different output path from a predefined list of locations, or you can browse to a new location.

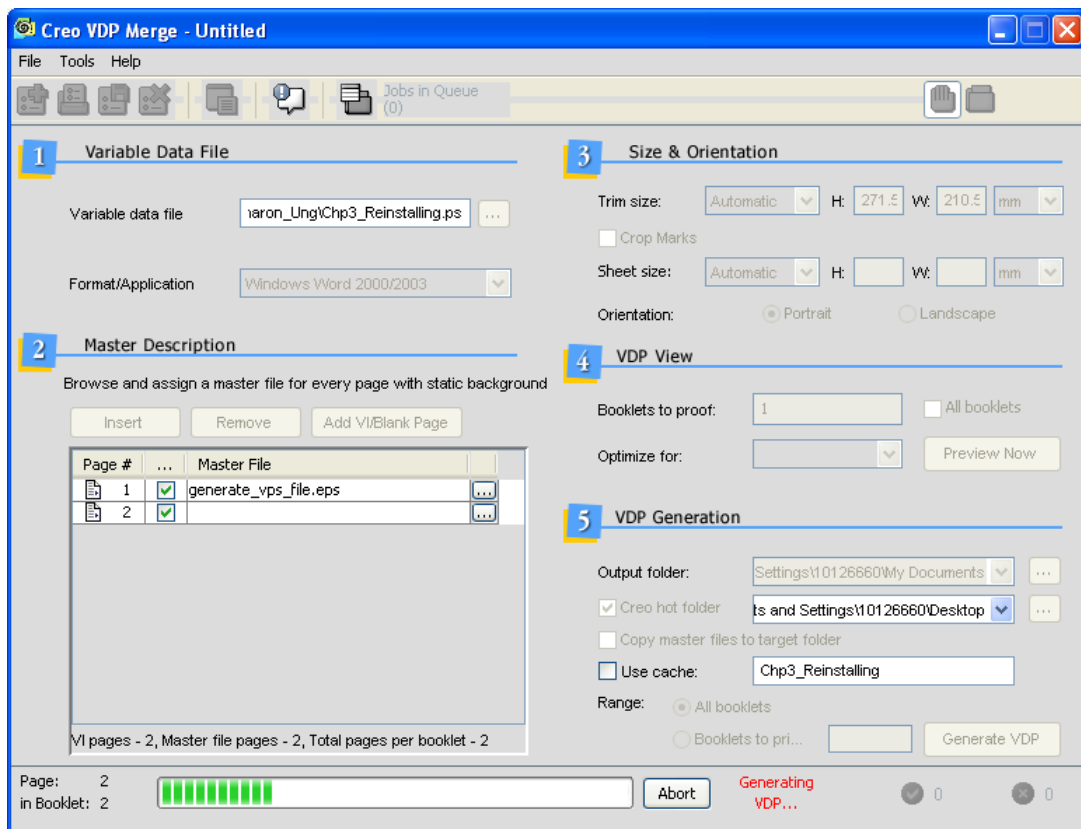
1. Click in the **Output folder** box and change the location in which to save the file, if necessary, by selecting a location from a list of predefined locations (if available). You can also click the **browse** button to locate a new destination path.



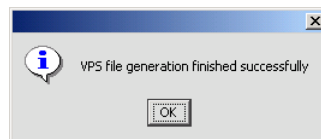
2. To save the .vps file and master files in the same destination path, select the **Copy master files to target folder** check box.
3. To use the master files that were previously RIPed, select the **Use cache** check box. The cache automatically takes the same name as the job setting.
4. Select the desired **Range** options.
 - a. To generate all booklets in the .vps file, select **All booklets**.
 - b. To generate a range of booklets, select **First** and then select the number of booklets.
5. Click the **Generate VDP** button.

VDP Merge generates your file. The progress of the processing is shown in a progress bar at the bottom of the VDP Merge window.

Note: As an example, the following figure shows the VDP generation performed in manual mode.



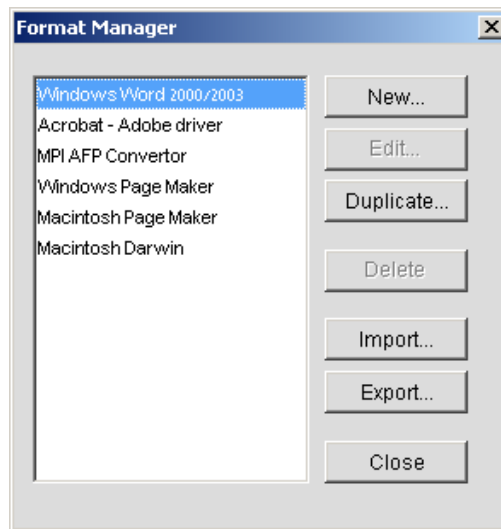
If you generated the VPS file in manual mode, the following message appears:



6. Click **OK**.

Format Manager

VDP Merge has default settings for the format or application of your variable data file. If your job setting does not work with one of the default settings, a new format can be created in the Format Manager. For more information on creating a new format, contact your dealer.

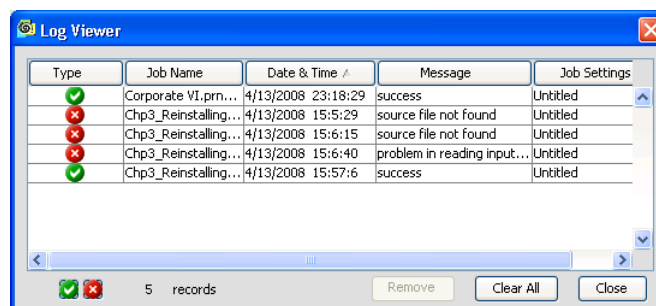


Log Viewer

The Log Viewer shows the files that have been processed by Creo VDP Merge.

Open the Log Viewer

- In the VDP Merge toolbar, click the **Log Viewer** button.
Type: This column shows whether or not the VDP generation was successful. By clicking the type icons in the Log Viewer you can show or hide that type of job in the log.



Removing a log entry from the Log Viewer

- Click the log entry you wish to remove and click **Remove**.

Clearing the log

- Click **Clear All**.

Sorting the log entries

You can sort the log entries according to the column headers.

- Click the relevant column header.
The list is sorted alphabetically, or by date, or according to type.

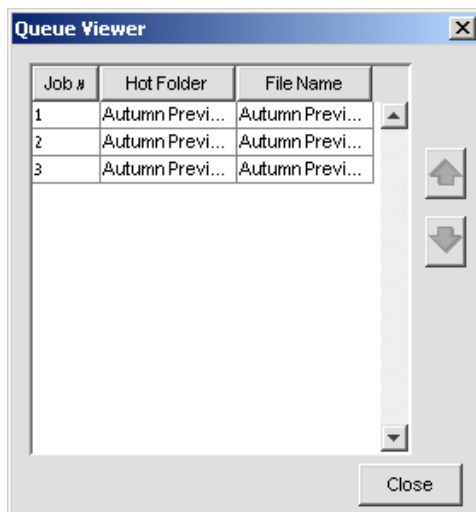
Queue Viewer

The Queue Viewer enables you to view the list of files waiting to be processed. The queue holds jobs in the order in which they enter it. You can change the order of the jobs in the queue, as required.

Note: The Queue Viewer is only available in automatic mode.

Moving a job up or down in the queue

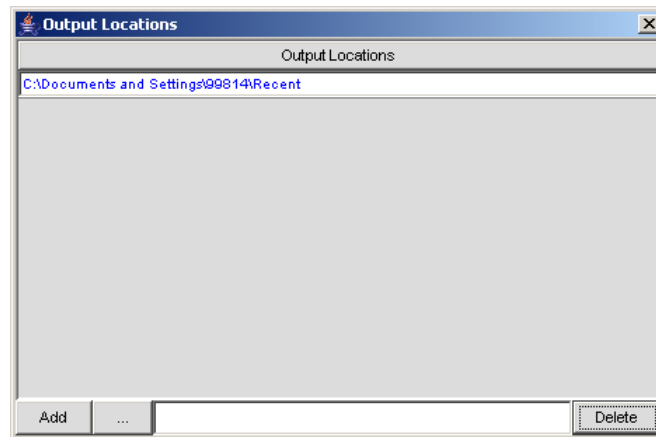
1. Click on the relevant job in the queue.
2. Using the arrows, move the job up or down the queue, as required.
If you move a job to the top of the queue, it will only be processed after the current job has finished processing.



Specifying output locations

You can set up a list of locations to which you want to save your output folders. When saving your VDP files, you can then quickly select one of these locations from the **Output** folder of the **VDP Generation** area.

1. From the **Tools** menu, select **Output Locations**.



2. Click the **browse** button and find the destination path.
3. Click **Add**. The location is added to the list of output locations.
4. Repeat steps 2 and 3 as necessary.

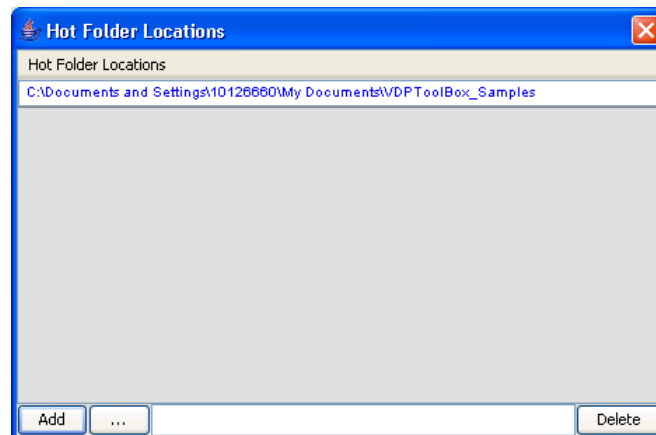
Deleting an output location

- In the Output Locations window, select the location you want to remove from the list, and click **Delete**.

Specifying hot folder locations

You can set up a list of locations to which you want to save your hot folders. When saving your VDP files, you can quickly select one of these locations from the **Hot folder** of the **VDP Generation** area.

1. From the **Tools** menu, select **Hot Folder Locations**.



2. Click the **Browse** button and find the destination path.
3. Click **Add**,
The location is added to the list of output locations.
4. Repeat steps 2 and 3 as necessary.

Deleting a hot folder location

- In the Hot Folders window, select the locations you want to remove from the list, and click **Delete**.

Sharing job settings

The Preferences window enables you to make common job settings available to other computers in the same network.

Job settings are saved by default on your local disk.

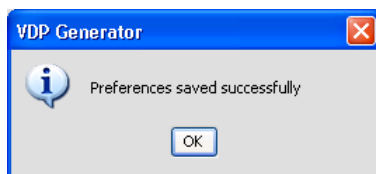
Specifying common job settings:

1. Copy the job settings file from the default location to the destination path.
2. From the VDP Merge **Tools** menu, select **Preferences**.



3. Click the box in the **Value** column.
A **browse** button appears.
4. Click the **browse** button.
The Open dialog box opens.
5. Browse to the destination path in which you want to save the job settings, and click **Open**.
The location appears in the **Value** column.

6. Click **Apply** to save the location.



7. Click **OK** to close the confirmation message.

Proofing VPS and VIPP Files

Proofing files

This chapter describes the procedure for using the VDP View interactive method for proofing VPS, VIPP, EPS and PostScript files.

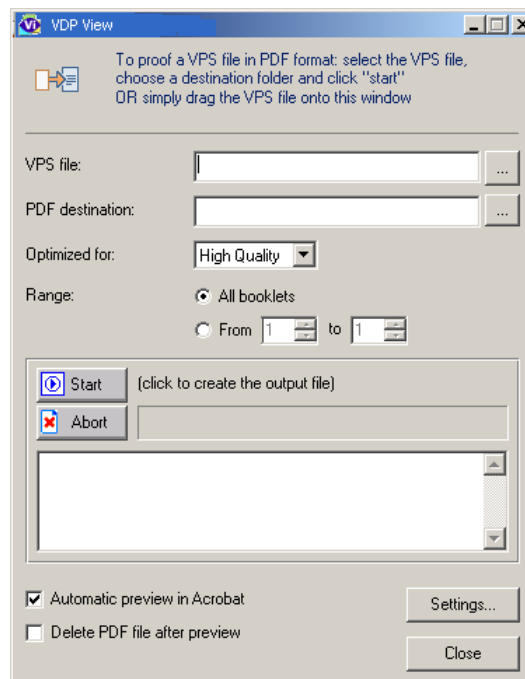
The VDP View interactive method requires you to select a file, define a destination folder, and define specific settings related to the PDF output. This method is different from the Watched Folders method, which runs automatically according to previously defined settings when a file is saved to a specific Watched Folder **In** folder.

Note: It is recommended to define the Hi-Res settings before proofing files.

To proof a VPS or VIPP file:

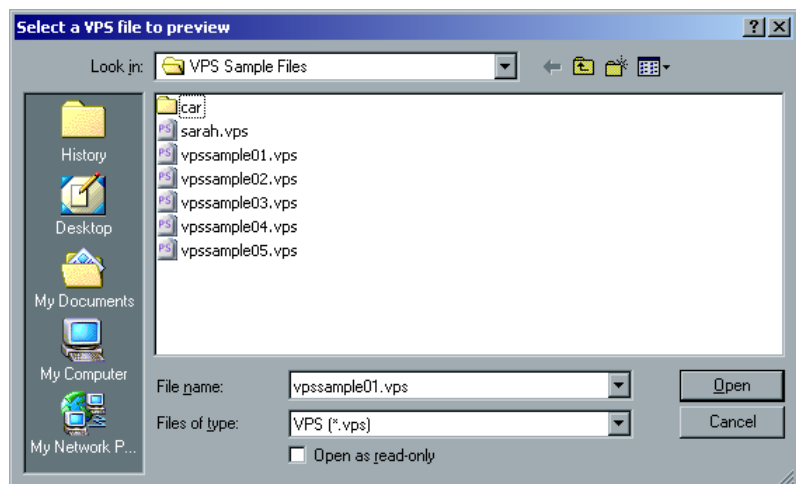
1. Click the **VDP View** icon on your desktop.

The VDP View main window is displayed.



2. There are several options to import a VPS file:

- Click ... next to the **VPS file** box to browse to the VPS or VIPP file that you want to proof. The Select a VPS file to preview window is displayed.



Browse and select the required file, and then click **Open**. The file path is displayed automatically in the **VPS file** box. If the **PDF**

destination box in the Creo VDP View main window is blank, then the output PDF file name will be displayed. Otherwise it will be left as is.

- Drag a file from another location (for example, Windows Explorer) and drop it onto the VDP View messaging area of the main window. The **VPS file** and the **PDF destination folder** boxes are filled, and then the VPS file translation starts to run automatically.
- In the **VPS file** box, type the file path.

Note: To change the destination location in the **PDF destination folder** box, browse to another location or type a new path.

3. From the **Optimized for** box, select one of the following options:
 - **Display:** Select this option for PDF files that are to be displayed on the World Wide Web or an internet, or for PDF files that are to be distributed through an email system for on-screen viewing. Settings are usually optimized for 72-dpi screens.
 - **Press:** Select this option for PDF files that are to be printed as high-quality final output.
 - **Print:** Select this option for PDF files that are to be used on printers, digital copiers, publishing to a CD-ROM, or sent to a client as a publishing proof.
4. Select one of the following **Range** options:
 - **All Booklets:** Select this option to proof all available booklets.
 - **From/To:** Select this option to proof a specific range of the available booklets. You can use the arrow keys or type the range in the boxes.

Note: The VPS file is composed of booklets, and every booklet is composed of at least one page. This is the unit of the variable data job that is going to be printed. When VDP View translates it into PDF, the booklet structure disappears, and there are successive pages instead.

5. To automatically display the resulting PDF in Acrobat after it is processed by VDP View, ensure that the **Automatic preview in Acrobat** checkbox is selected.

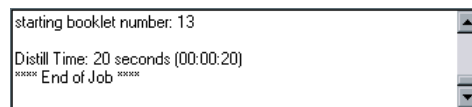
This option is selected by default.

6. To automatically delete the resulting PDF after it is previewed, select the **Delete PDF file after preview** checkbox.

This option is used in cases where you only need to view a quick preview of the file but do not need to save it. Therefore, it enables you to conserve disk space and discard unnecessary files.

7. Click **Start**.

VDP View automatically distills the file and creates the PDF. As the file is processed, a blue progress bar is displayed, and both progress messages and error messages, if any, are listed in the **Results** area at the bottom of the window (as shown in the example below).



8. If you did not select the **Automatic preview in Acrobat** checkbox in step 5, you can view the PDF by opening it from the **PDF destination** location that you selected in step 2.

Note: Proofing can be stopped at any time by clicking **Abort**.

Configuring VDP View Settings

Working with Watched Folders

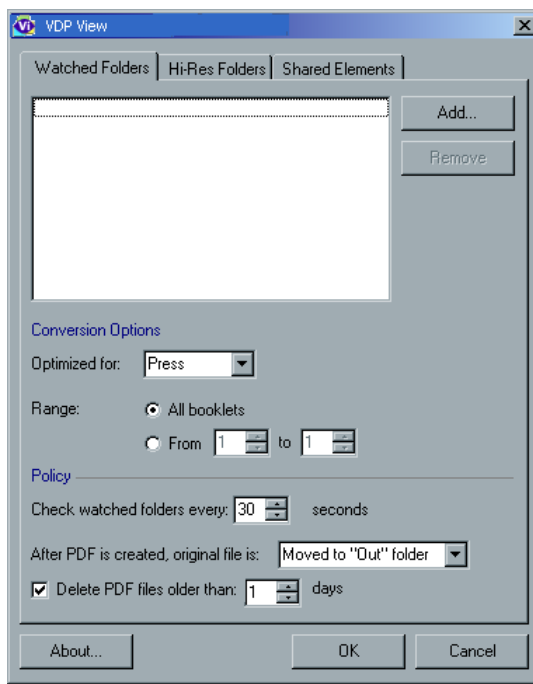
VDP View Watched Folders enable you to process your files automatically in one step. After you define your Watched Folders and the Watched Folders settings, you can simply save or copy the file in the **In** folder of the corresponding Watched Folder. The file is then proofed automatically, and the resulting PDF file is saved to the corresponding **Out** folder, ready for viewing.

Note: The VDP View application must be open in order for the Watched Folders mechanism to work.

Defining Watched Folders

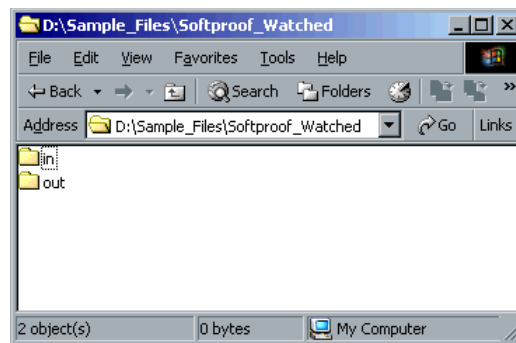
Defining Watched Folders consists of selecting the folders that you want to use and then defining the required conversion and policy settings for the input and output files. The settings that you define in the VDP View **Watched Folders** tab apply to all Watched Folders that you add to the Watched Folders list.

1. From the VDP View main window, click **Settings**.
The VDP View main window is displayed again with the **Watched Folders** tab selected by default.



2. Click **Add** and then browse to and select the folder that you want watched. The selected folder is added to the Watched Folders list in the Watched Folders tab. In addition, **In** and **Out** subfolders are automatically created in the selected folder location.

Note: To remove folders from the Watched Folders list, select the folder to be removed and click **Remove**.



3. The remove operation won't delete the **In** and **Out** folders. Define the **Conversion Options (Optimized for and Range)**, as described in .

Note: During proofing, all conversion and policy options that you define are applied to all Watched Folders in the list.

4. Define the **Policy** options, as follows:
 - **Check watched folders every [number] seconds:** Use the arrow keys or type in a value to define how often (in seconds) VDP View should check the Watched Folders for new files and automatically translate them to VPS. Maximum value is thirty seconds.
 - **After PDF is created, original file is:**
 - ☐ **Moved to "Out" folder:** Moves the original file from the **In** folder to the **Out** folder after the PDF has been created.
 - ☐ **Deleted:** Deletes the original file from the **In** folder after the PDF has been created.
 - **Delete PDF files older than [number] days:** Select this checkbox and use the arrow keys or manually type in a value to select the number of days after which PDF files in the **Out** folders are deleted. The default is cleared (not checked).
5. Click **OK**. The VDP View main window is displayed again.

Note: When you close the VDP View application, all settings that you configure in the **Watched Folders** tab are saved and available for future proofing sessions.

Proofing files using Watched Folders

The VDP View Watched Folders method of proofing VPS, EPS and PostScript files is an automatic process, but the VDP View application must be open in order for the Watched Folders mechanism to operate.

1. Save the VPS, EPS, or PostScript file to an existing **In** folder in a predefined Watched Folder.

The file is automatically processed (proofed) and the following occur:

- A blue progress bar is displayed in the VDP View main window.
- The relevant messages are listed in the **Results** area in the VDP View main window.
- The output PDF is saved in the corresponding **Out** folder according to the settings that you defined in the **Watched Folders** tab.

2. Open the corresponding **Out** folder to view the resulting PDF file.

Defining Hi-Res Folders

VDP View enables you to define the location of your Hi-Res files, such as EPS, PostScript, Raster, JPEG, TIFF, and so on. During proofing, the elements contained in these files are combined with the elements in the file you select for proofing in order to create a complete file.

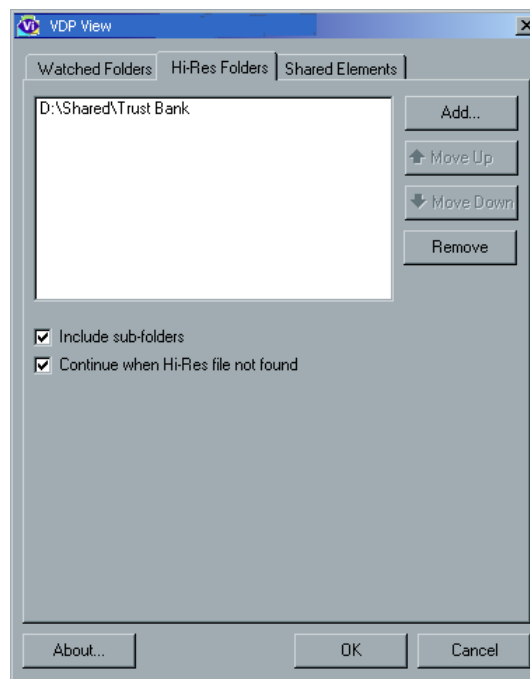
Defining Hi-Res Folders consists of pointing the application to the location of your Hi-Res Folders on your hard disk, as well as selecting the folder priority.

Important: Before proofing files using either the Interactive or Automatic method, it is recommended to define the Hi-Res Folders settings, as described in this section.

Defining a Hi-Res Folder

1. From the VDP View main window, click **Settings**. The VDP View main window is displayed again with three settings tabs.

2. Select the **Hi-Res Folders** tab.

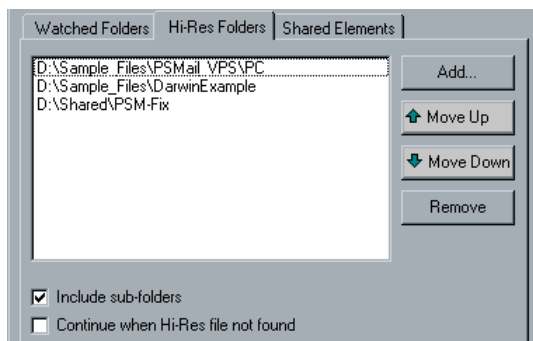


3. If you intend to select a top-level folder and want to include all of the sub-folders that it contains, ensure that the **Include sub-folders** checkbox is selected.

Note: The **Include sub-folders** checkbox affects all folders that you add to the list.

4. To translate the VPS file to PDF even if some Hi-Res files are missing, select the **Continue when Hi-Res file not found** option. The default is cleared (not checked).
5. Click **Add**.

6. In the displayed Browse for Folder window, browse to and select the folder(s) that you want to add to the list of Hi-Res Folders and click **OK**. The selected files are displayed in the Hi-Res Folders list.



7. To change the order of the folders in the Hi-Res Folders list, use the **Move Up** and **Move Down** buttons.

During proofing, when the VDP View application searches for elements in the Hi-Res Folders list, by default, it searches from top to bottom. Therefore, changing the order is important, for example, to enable you to control the search order.

If two files with the same name exist in different folders, the Creo VDP View application automatically uses the first file found. In addition, changing the order can improve the VDP View performance speed.

Note: To remove a Hi-Res Folder from the list, select the folder and click **Remove**.

8. Click **OK**. The VDP View main window is re-displayed, and the Hi-Res Folders that you defined will be used the next time you proof a file.

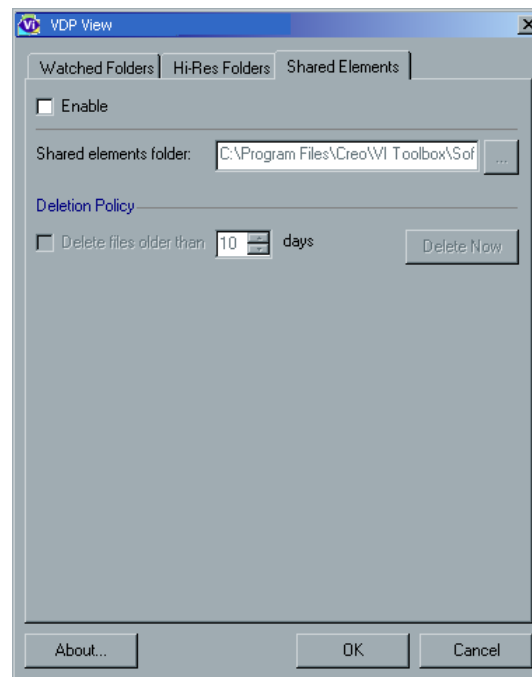
Note: When you close the VDP View application, all settings that you configure in the **Hi-Res Folders** tab are saved and available for future proofing sessions. If the VDP View application can't locate a defined Hi-Res Folder during processing, an error message is displayed.

Managing the Shared Elements Folder

1. From the VDP View main window, click **Settings**. The VDP View window is displayed again with three settings tabs.
2. Select **Enable** to enable shared elements.

3. Select the **Shared Elements** tab. The default folder path (**SoftProof\Intermediate**) is displayed in the **Shared elements folder** box.

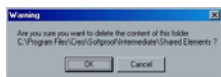
Note: During installation, the default location of the Shared Elements Folder is created automatically in the location that you install the Creo VDP View application.



4. To change the location of the **Shared Elements** folder, click the **Browse** button next to the **Shared elements folder** box and browse to another location or manually type in a new path.
5. To automatically delete old files from the **Shared Elements** folder:
 - Select the **Delete files older than [number] days** checkbox.
 - Use the up and down arrows to define the number of days or manually type in the required days.

This option enables you to prevent overloading your hard disk with old files that are no longer required.

6. To delete all the shared elements in order to ensure that they will not be used, do the following:
 - Click **Delete Now**. The following warning message appears:



- Click **OK**.

Note: **Delete Now** is disabled when there is no data written in this folder.

7. In the VDP View main window, click **OK**. The VDP View main window is displayed again, and the **Shared Elements** folder will be used the next time you proof a file, according to the settings that you defined.

Note: When you close the VDP View application, all settings that you configure in the **Shared Elements** tab are saved and available for future proofing sessions.

Viewing VDP View version information

When configuring VDP View settings in the three available tabs, you can also click **About** at any time to view the current VDP View version information.

Optimized Mail Merge

Working with Optimized Mail Merge

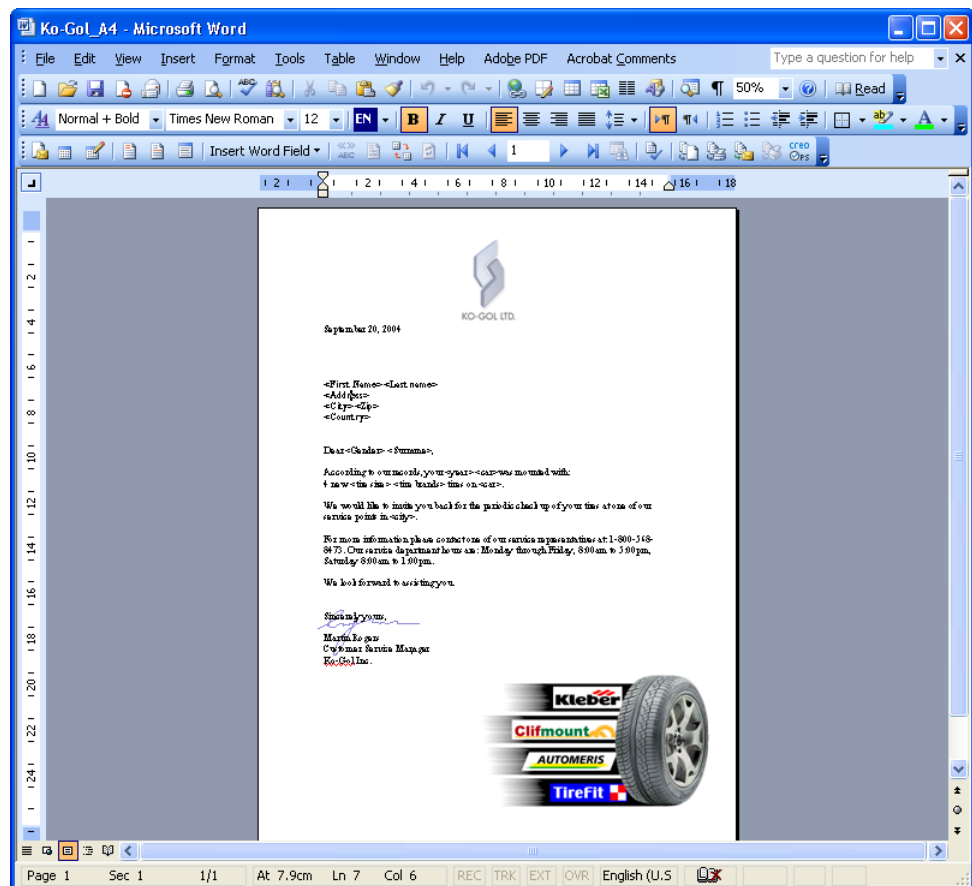
Optimized Mail Merge enables you to create a VDP document with the Microsoft Word Mail Merge tool, and close it as a Creo VPS or Optimized PostScript file.

- Step one: Create a VDP job using Microsoft Word Mail Merge.

Before you begin this step you need to distinguish between the master elements and the VDP elements in your document. This is done by adding a text box around the VDP elements. The text box can contain one paragraph of text, or the text of an entire page. For more details, see the Optimized Mail Merge Tutorial on the Optimized Mail Merge CD.

- Step two: Save the file as a Creo VPS or Optimized PostScript file by specifying its output format.

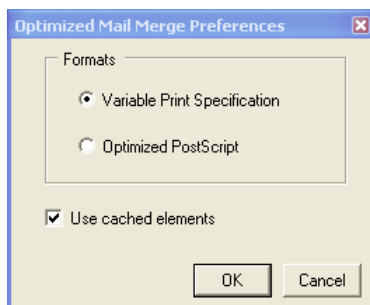
The following screen capture shows an example of a VDP file in Microsoft Word 2003.



Note: For more details about working with Optimized Mail Merge, see the Optimized Mail Merge Tutorial located on the Optimized Mail Merge CD.

Setting up Optimized Mail Merge

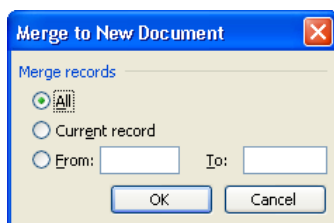
1. From the **Tools** menu, select **Letters and Mailings> Optimized Mail Merge Preferences**.



2. Select one of the following output formats:
 - **Variable Print Specification:** Recommended if you are working with a Creo color server.
 - **Optimized Postscript:** Creates an optimized PostScript file that you can run to any PostScript printer.
3. If you selected **Variable Print Specification** and want to use cached elements, select the **Use cached elements** check box. Repeated elements are cached and RIPPed only once, which saves time (unlike PostScript files, which require RIPPING for every variable document), and enhances the digital print production. Remember to clear this check box if you make changes to your files so that the previous cached elements are not used.
4. Click **OK**.

Printing using Optimized Mail Merge

1. Click the **Optimized Mail Merge** button in the Mail Merge toolbar.



2. Select which records to merge in the output file; **All**, **Current record**, or enter a range of records in the **From** and **To** boxes.
3. Click **OK**. The Print dialog box appears.

4. In the **Name** box, select the relevant PostScript printer, and click **OK**. The file is generated and prints.

Remote Scan Application

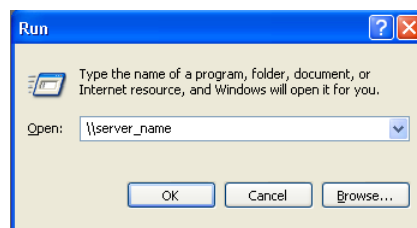
Remote Scan Application overview

The Remote Scan Application enables you to:

- Create scan boxes and set parameters that specify the location of your scanned data, the format in which it is saved, and security settings
- View a list of all scanned jobs
- Manage scan boxes and scanned jobs
- Set an e-mail recipient for all your scanned jobs
- Edit custom scan boxes

Installing the Remote Scan Application on a Windows client workstation

1. On the Windows desktop, select **Start** > **Run**.
2. In the **Open** box, type \\, followed by the host name, IP address or server name of the CX print server, and click **OK**.

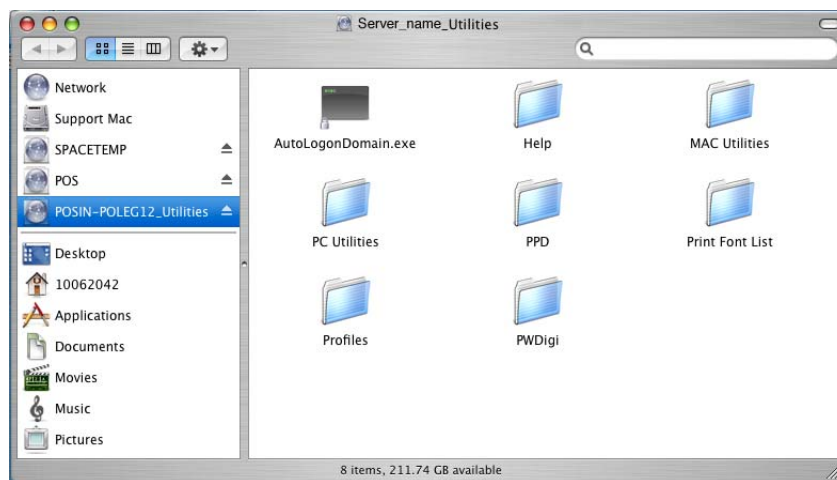


3. On the CX print server, locate the **D:\Utilities\PC Utilities** folder.
4. Double-click the **RemoteScan.exe** file.

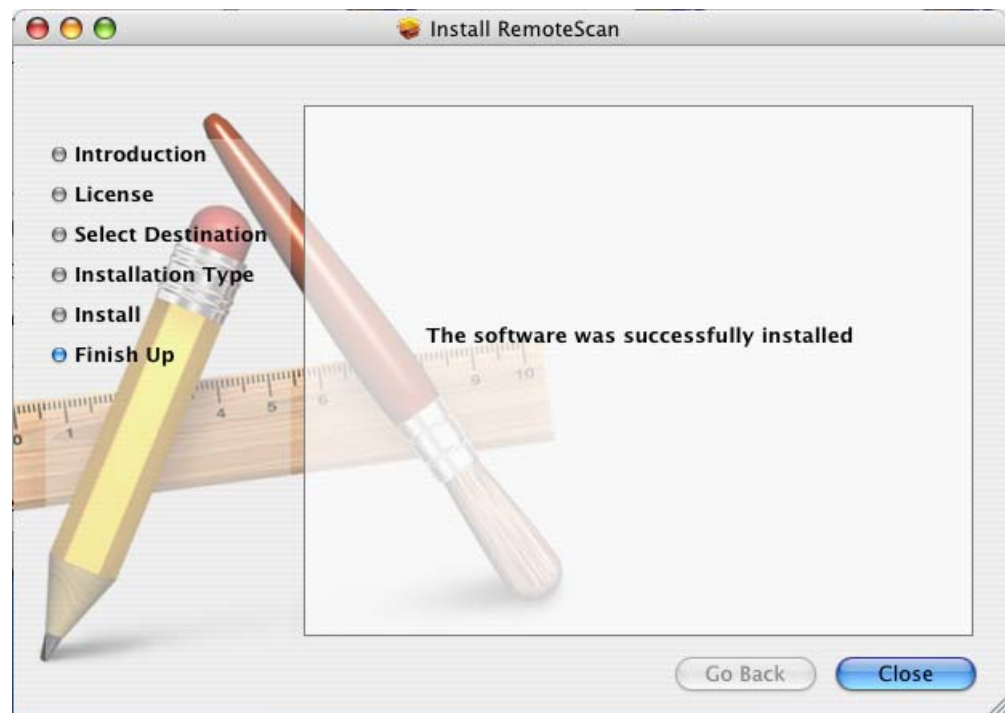
The Remote Scan Application is installed on your Windows client workstation.

Installing the Remote Scan application on a Macintosh client workstation

1. From the **Go** menu, select **Connect to Server**.
2. In the **Server Address** box, type the name of the CX print server, and then click **Connect**.
3. In the Connect to Server dialog box, select **Guest**, and click **Connect**.
4. Select the **Utilities** volume, and click **OK**.



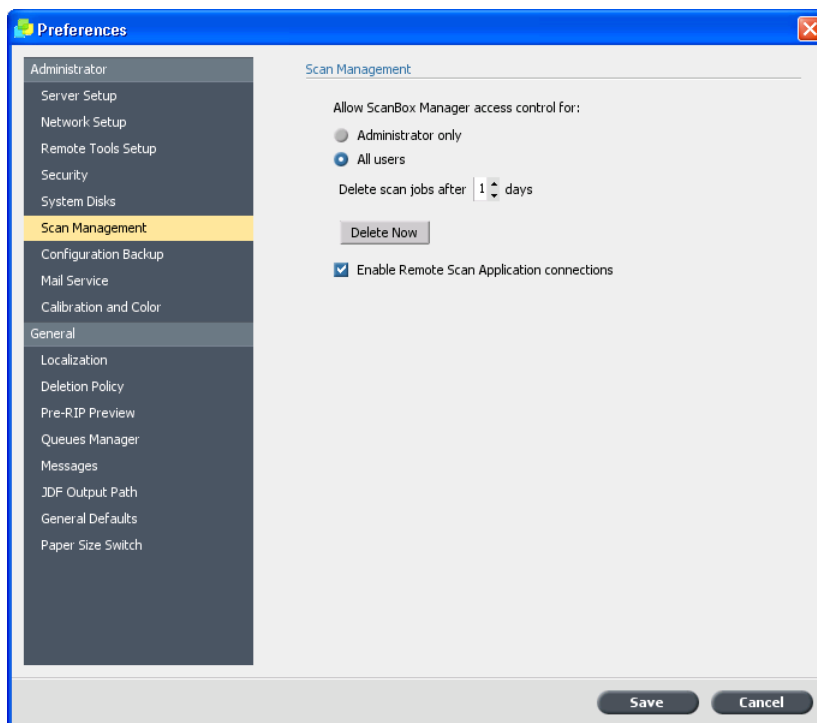
5. Double-click the **MAC Utilities** folder.
6. Copy the **RemoteScanInstaller.pkg.zip** file to your desktop.
7. On your desktop, double-click the **RemoteScanInstaller.pkg.zip**.
8. To install the Remote Scan application, double-click the **RemoteScanInstaller.pkg**.
9. Follow the steps in the Installation wizard.



The Remote Scan application is installed on your Macintosh client workstation.

Enabling remote scan application connections

1. Click **File**, and select **Preferences**.
2. In the Preferences window, select **Scan Management**.
3. Under **Allow ScanBox Manager access control for**, select one of the following options:
 - **Administrator only**
 - **All users**
4. Select the **Enable Remote Scan Application connections** check box.



5. Click **Save**.

Creating a folder for scanned jobs

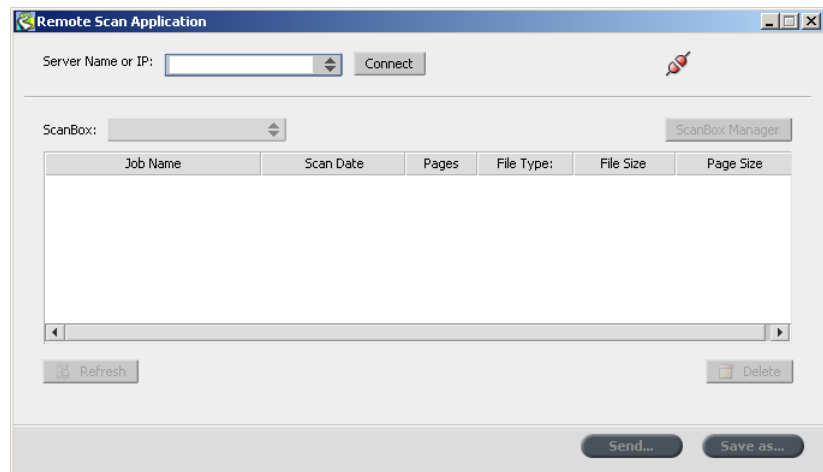
- On the desktop of the CX print server, create a folder to keep a copy of all the jobs that you scan.

Creating a scan box

Requirements:

- A folder on the CX print server that will contain copies of files that you scan to a scan box.
 - The exact name of the CX print server to which you want to connect.
1. On your client workstation, from the **Start** menu, select **Programs > creo > Remote Scan Application > Remote Scan**.

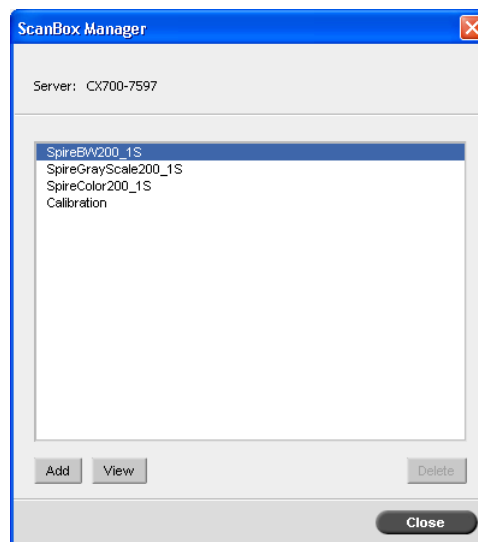
The Remote Scan Application window appears.



2. In the **Server Name or IP** box, type the exact name of your CX print server.
3. Click **Connect**.

When the connect icon changes from red to green, you are connected to the server.

4. Click **ScanBox Manager**.

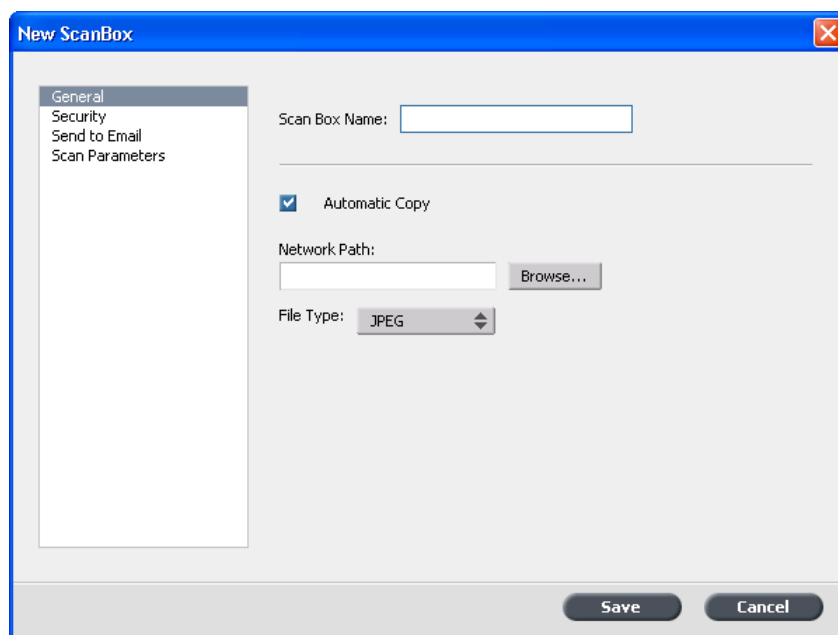


The ScanBox Manager has four default scan boxes.

- **SpireBW200_1S**—files scanned to this box have the following settings: **OutputColor=Black and white**, **ScanResolution=200dpi**, **2SidedOriginal=1 side**
- **SpireGrayScale200_1S**—files scanned to this box have the following settings: **OutputColor=Greyscale**, **ScanResolution=200dpi**, **2SidedOriginal=1 side**

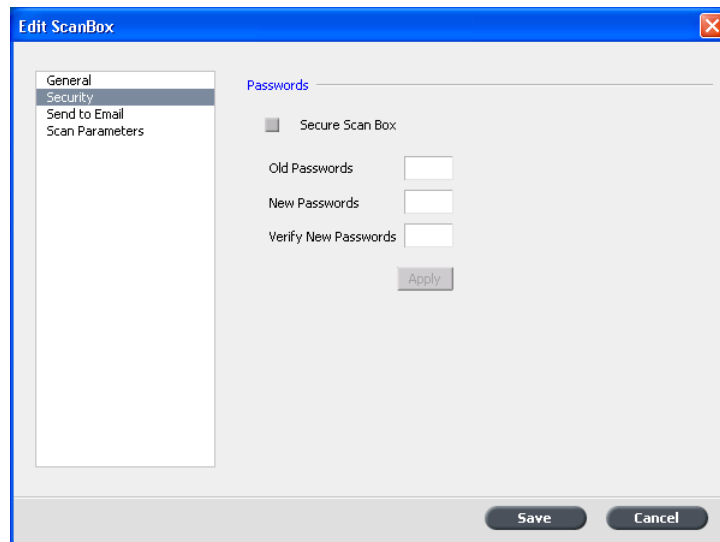
- **SpireColor200_1S**—files scanned to this box have the following settings: **OutputColor=Color**, **ScanResolution=200dpi**, **2SidedOriginal=1 side**
- **Calibraton**

5. Click **Add** to create a new scan box.



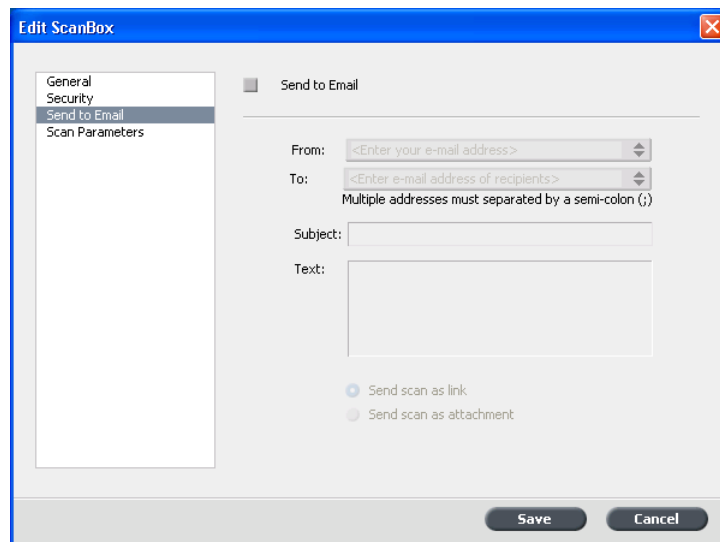
6. In the **Scan Box Name** box, type a name for the scan box.
7. To automatically save a copy of the scanned job on your client workstation, make sure that the **Automatic Copy** check box is selected.
8. In the **Network Path** box, do one of the following:
- Enter the location of the folder that you want to save a copy of the scanned file to.
 - Click **Browse**, select the desired folder, and then click **Select**.
9. In the **File Type** list, select the format in which you want to save the data that is saved to the scan box. The available options are **JPEG**, **TIFF** and **PDF**.

10. Select **Security**.



11. Select the **Secure Scan Box** check box if you want to secure the scan box, and specify a password, and then click **Apply**.

12. Click **Send to Email**.



13. Select the **Send to Email** check box.

14. In the **From** box, type the e-mail address of the sender of the scanned image. This is for information purposes only.

15. In the **To** box, type the e-mail addresses to which the scanned e-mail attachment should be sent.

16. In the **Subject** box, type the text for the subject line of the e-mail.

17. In the **Text** box, type any desired message text.

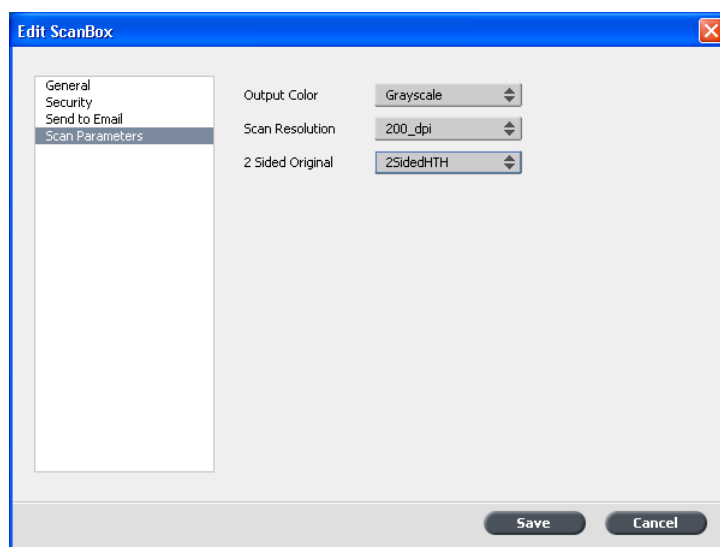
18. Select one of the following options:

- **Send scan as link** to send an e-mail message containing a link to the scanned image. The e-mail message contains text instructing the recipient how to access the scanned image, and the date in which the link expires.

Note: The expiration date of the link is set in **Settings > Preferences > Scan Delete Scan jobs after**.

- **Send scan as attachment** to attach the scanned image to the e-mail message.

19. Click **Scan Parameters**.



20. In the **Output Color** list, select the desired output color for the jobs scanned to this scan box.

Note: You cannot change the output color during scanning.

21. In the **Scan Resolution** list, select the desired scan resolution for the jobs scanned to this scan box.

22. In the **2 Sided Original** list, select the desired print method for the jobs scanned to this scan box.

23. Click **Save**.

The new scan box is saved and added to the list of scan boxes.

24. Click **Close**.

25. Close the Remote Scan Application window.

Viewing a list of scanned images

Requirements:

- Create a scan box using the Remote Scan Application.
- The exact name of the CX print server to which you want to connect.

1. Open the Remote Scan application.
2. In the **Server Name or IP** box, type the name of the server connected to the press that you used for scanning.
3. Click **Connect**.
When the connect icon changes from red to green, you are connected to the server.
4. In the **ScanBox** list, select the scan box where the scanned image is saved.

Note: If the selected scan box is password protected, you need to type the password before viewing the list of scanned images.

All jobs scanned to the selected scan box are displayed.

Saving scanned jobs to a client workstation

Requirements:

The exact name of the CX print server to which you want to connect.

Scanned jobs are saved to the scan box that you create on the printer's hard disk. Depending on the scan box settings, a copy of the scan is saved on a folder on the CX print server. After you scan a job, you may also save it to a different location.

1. Open the Remote Scan application.
2. In the **Server Name or IP** box, type the name of the server connected to the press that you used for scanning.
3. Click **Connect**.
When the connect icon changes from red to green, you are connected to the server.
4. In the **ScanBox** list, select the scan box that you scanned to.

Note: If the selected scan box is password protected, you need to type the password before viewing the list of scanned images.

All jobs scanned to the selected scan box are displayed.

5. Select the desired scanned job, and click **Save as**.

6. Select a location, and click **Save**.

You can now open the scanned job on your client workstation, and work with your scanned data.

Deleting scanned images from a scan box

Requirements:

The exact name of the CX print server to which you want to connect.

1. Open the Remote Scan application.
2. In the **Server Name or IP** box, type the name of the server connected to the press that you used for scanning.
3. Click **Connect**.
When the connect icon changes from red to green, you are connected to the server.
4. In the **ScanBox** list, select the scan box where the scanned image is saved.

Note: If the selected scan box is password protected, you need to type the password before viewing the list of scanned images.

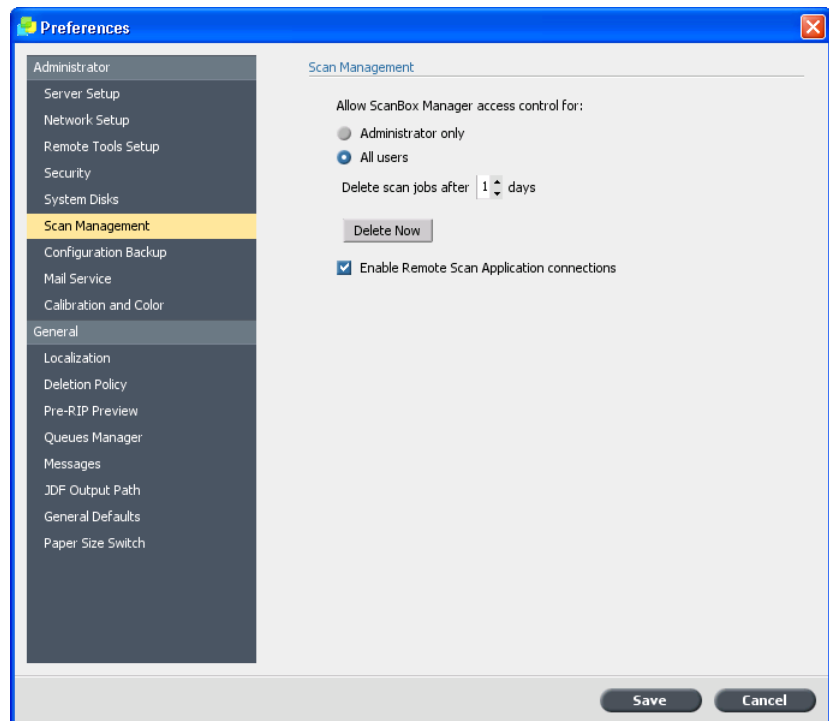
All jobs scanned to the selected scan box are displayed.

5. Select the image that you want to delete, and click **Delete**.

Deleting all scan jobs from the Public scan box

1. In the workspace, select **File > Preferences**.

2. Select **Scan Management**.



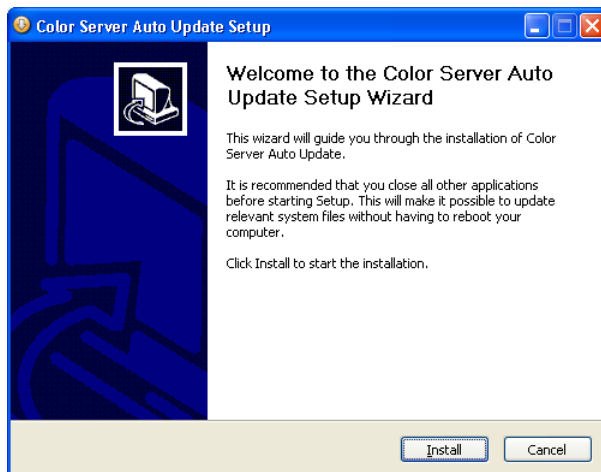
3. Click the **Delete Now** button.
4. Click **Save**.

Auto Update Tool

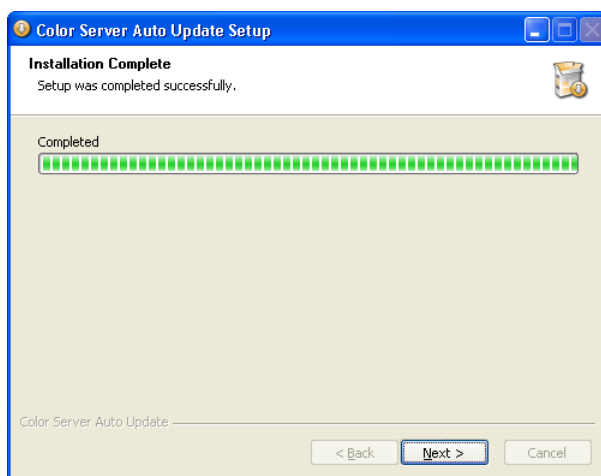
Installing the Auto Update tool

1. Locate the **D:\Utilities\PC Utilities\Support** folder on the CX print server.

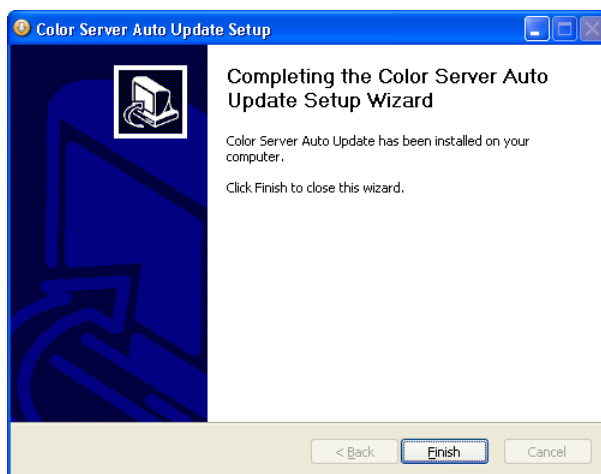
2. Double-click the **Color_Server_Auto_Update_installer.exe** file.



3. Click **Install**.



4. Click **Next**.

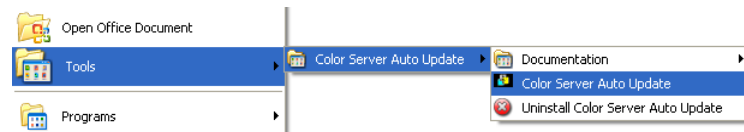


5. Click **Finish**.

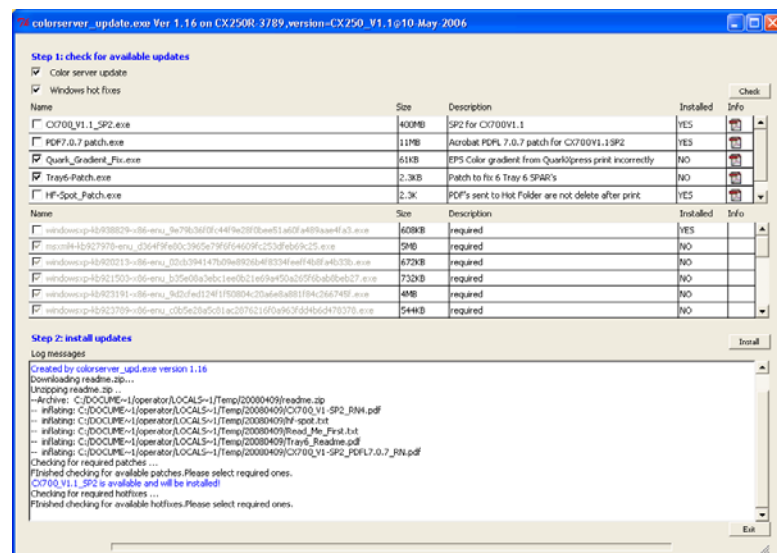
The Auto Update tool is installed on your CX print server.

Downloading and installing color server software updates

1. On the CX print server, from the Start menu, select **Tools > Color Server Auto Update > Color Server Auto Update**.



The colorserver Auto Update dialog box appears. The **Color server update** and **Windows hot fixes** check boxes are selected by default.



2. Click the **Check** button.

3. Do one of the following:

- If the CX print server's current version matches the available installation options, a message appears:
The most recent software version is installed on your server. An update is not required.

a. Click **OK**.

b. Click **Exit** to close the Creo Color Server Auto Update tool.

- If the CX print server's software needs updates, under the **Step 2: install updates** section, the relevant check boxes are selected.
Perform these steps:

- a. Clear the check boxes next to the updates that you do not want to install.

Note: If a service pack update is required, it appears at the top of the section and you can not clear its check box.

- b. Click **Install**.

The following message appears:

When the update is complete, the server will automatically restart.
Are you sure you want to continue?

- c. Click **Yes**.

When the installation is complete, the following message appears:

Your software has been successfully updated. The color server will automatically restart.

- d. Click **OK**.
- e. In the Reboot dialog box, click **Reboot now**.

9

Managing profiles

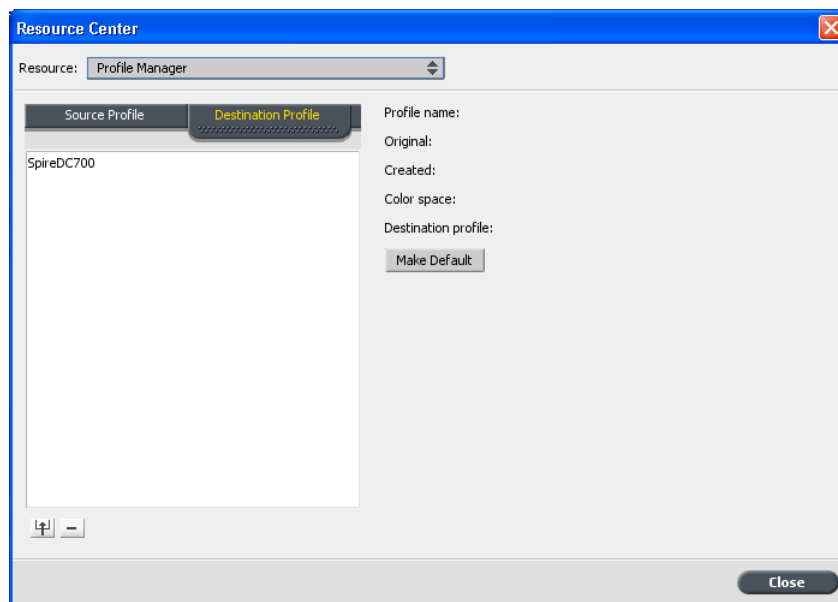
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Importing a destination profile

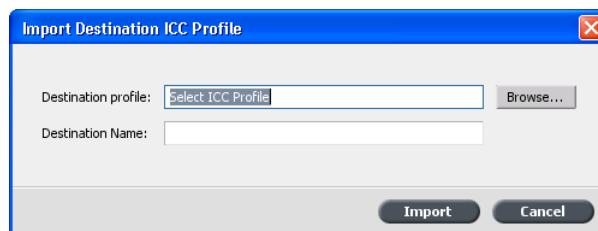
1. From the **Tools** menu, select **Resource Center**.

The Resource Center window appears.

2. In the **Resource** list, select **Profile Manager**.
3. Click the **Destination Profile** tab.



4. Click the **Import**  button.



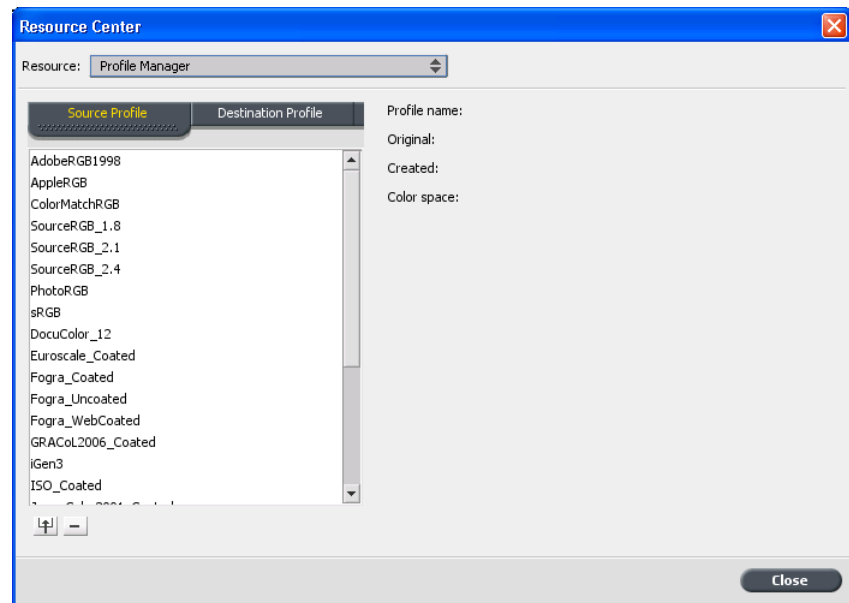
5. In the **Destination profile** area, click the **Browse** button.
6. Locate the required source profile, and then click **Open**.
The new emulation name is displayed in the **Destination Name** box; if you would like to change the name you may do so.
7. Click **Import**.

Importing a source profile

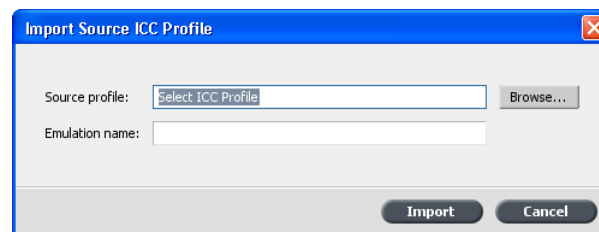
1. From the **Tools** menu, select **Resource Center**.

The Resource Center window appears.

2. In the **Resource** list, select **Profile Manager**.



3. Click the **Import** button.



4. In the **Source profile** area, click the **Browse** button.
5. Locate and select the required source profile, and then click **Open**.
The new emulation name is displayed in the **Emulation name** box; if you would like to change the name you may do so.
6. Click **Import**.
The new source ICC profile is added to the **Color Flows** tab in the job parameters window.

Deleting a profile

Requirements:

You can delete source and destination ICC profiles that you imported.
You can't delete predefined ICC profiles.

1. From the **Tools** menu, select **Resource Center**.

The Resource Center window appears.

2. In the **Resource** list, select **Profile Manager**.
3. On the **Source Profile** tab or the **Destination Profile** tab, select the profile that you want to delete.
4. Click **Delete**.

The profile is deleted from the profile list.

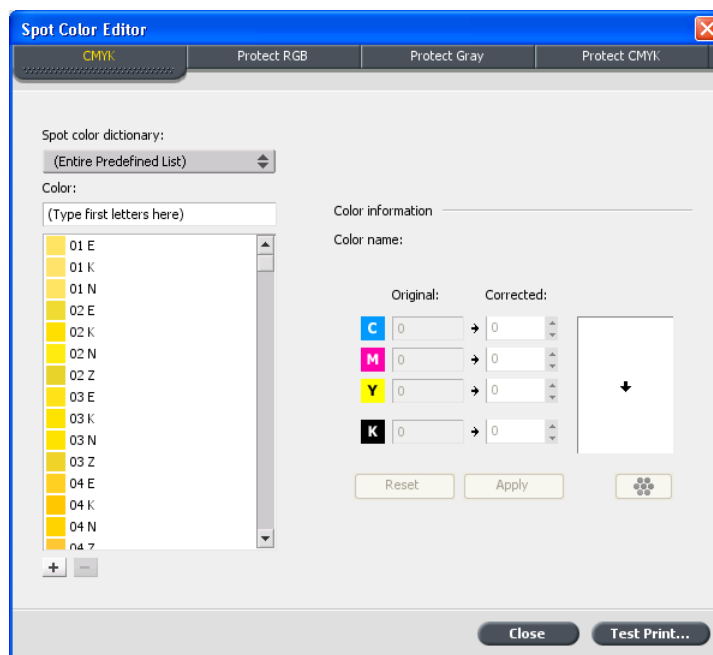
10

Spot Colors

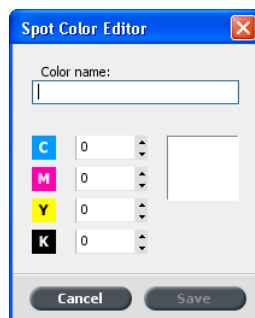
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Adding a spot color

1. From the **Tools** menu, select **Spot Color Editor**.



2. In the Spot Color Editor dialog box, click the **Add**  button.



3. Type the new color name as it exists in the PostScript file.

Note: The spot color names are case sensitive and should match the name as it appears in the DTP software.

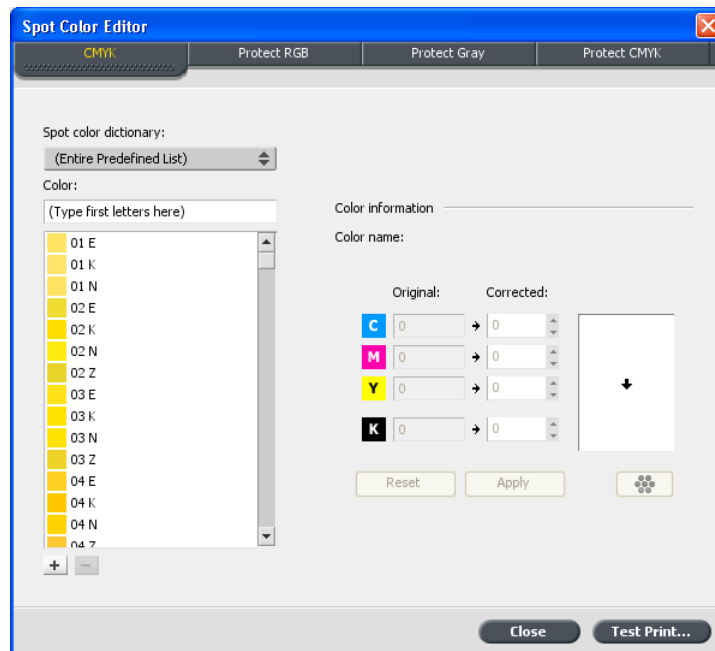
4. Adjust the CMYK values as required.
5. Click **Save**.
6. Click **Close**.

The new color is added to the custom color dictionary.

If you created a new spot color for an RTP job, make sure you re-RIP the job before printing.

Editing a spot color

1. From the **Tools** menu, select **Spot Color Editor**.



2. Do one of the following actions:

- In the **Color** list, search for the desired color.

Note: You cannot perform an exact query in the **Color** list. This input stream only reads one character. For example, if you want Cool Grey 4 and type Cool, as soon as you type c, the cursor only moves to Cool Grey 1 and does not continue to a more specific selection.

- In the **Spot color dictionary** list, select the color dictionary that contains the color you want to edit.

Note: Use the PANTONE® CV dictionary if you are working in an application such as QuarkXPress® software.

3. Highlight the required color.

The color's CMYK values and color preview appear in the right hand side of the Spot Color Editor window.

4. Change the CMYK values as required.

5. Click **Apply**.
The new color is added to the custom color dictionary.

Deleting a spot color

You can only delete spot colors from the custom color dictionary.

1. In the **Spot dictionary** list, select **Custom Dictionary**.
2. From the list of custom colors, highlight the color you wish to delete.
3. Click **Remove**.



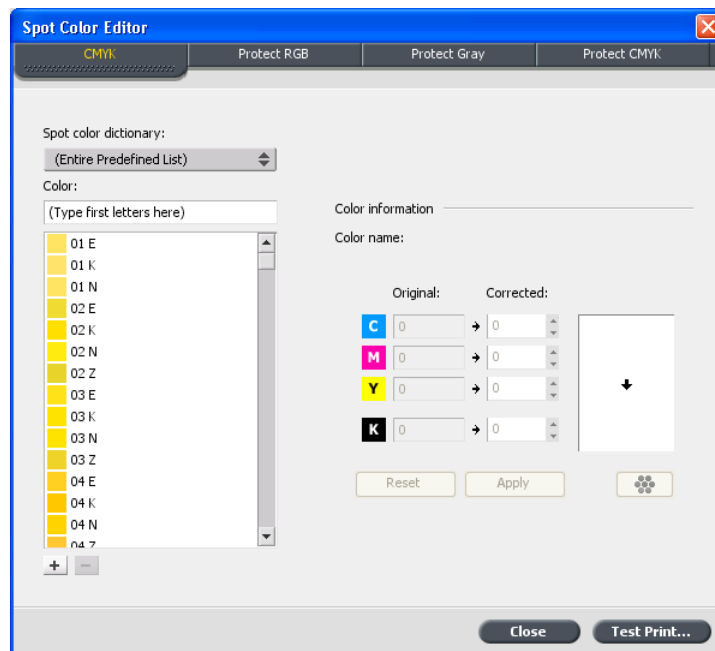
4. Click **Yes** to delete the color.

Selecting a spot color variation

Note: This feature is only available with the Advanced Color Tools package.

If a spot color in your job is not printing correctly, you can select a variation of the spot color that more closely matches the desired printed color.

1. From the **Tools** menu, select **Spot Color Editor**.

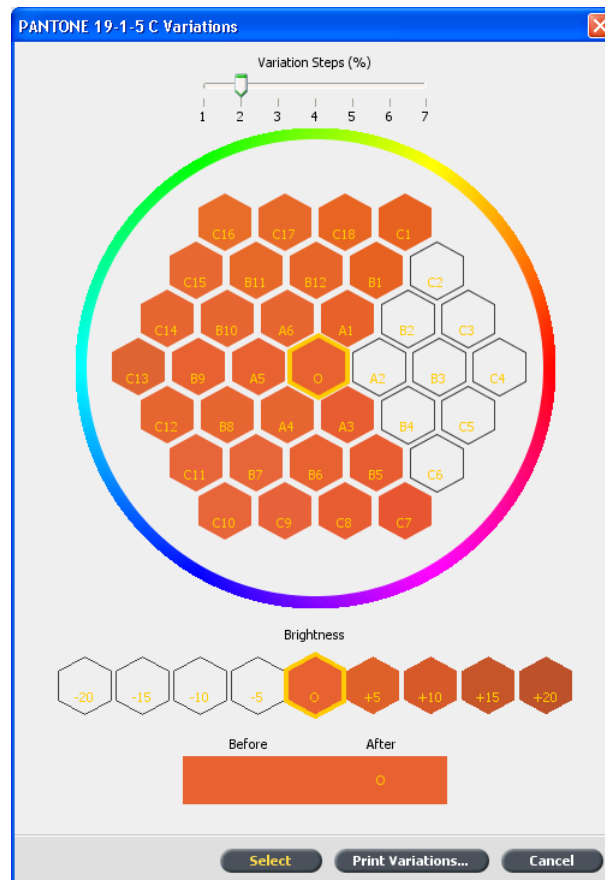


2. In the **Color** list, type the name of the spot color.

The spot color is automatically selected from the spot **Color** list .

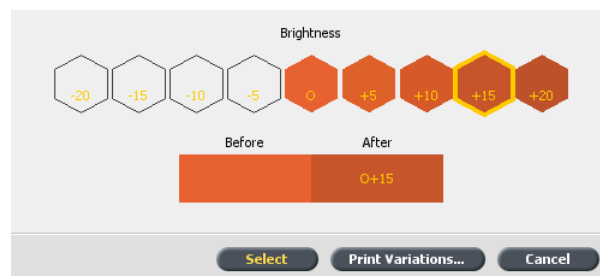
3. Click the **Variations**  button.

The Variations dialog box appears. The spot color is in the center of the color patches and is designated as "0".

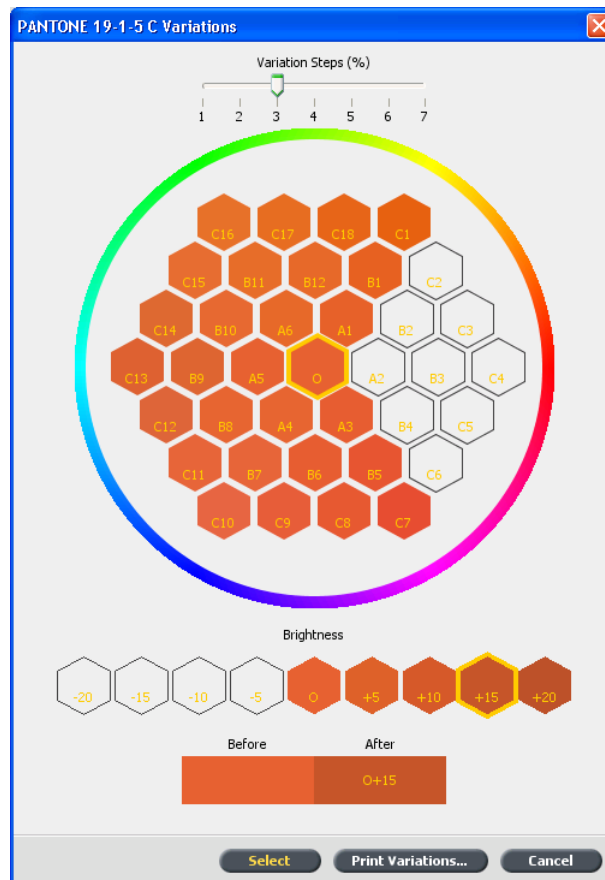


4. To see variations of the spot color, click and slide the **Variation steps** slider.
5. To see the CMYK values of a color patch, roll your mouse over the color patch.

The CMYK values appear in the bottom left corner of the dialog box.



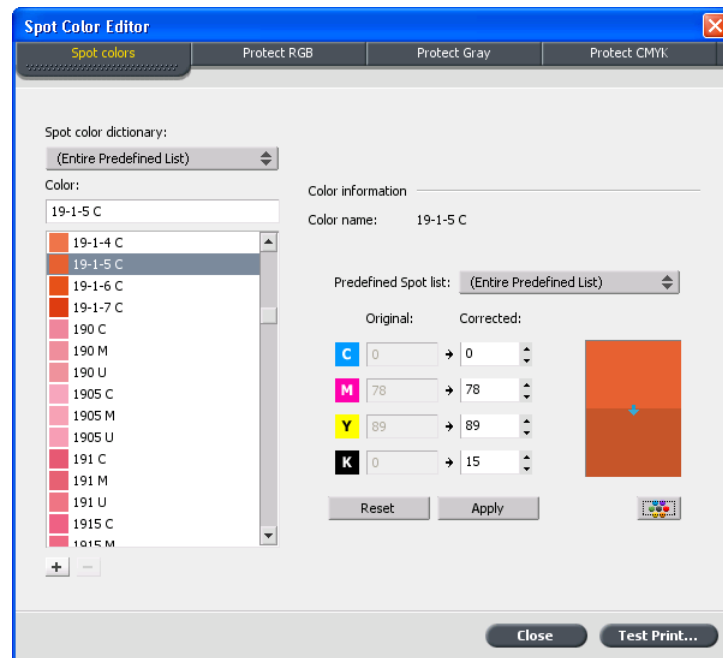
6. To select a variation of the spot color, click on the desired color patch. You can see the difference between the selected color patch and the original spot color in the **Before** and **After** box.



7. To select a different brightness setting for the selected color patch, click a color patch under **Brightness**.

The K value of the selected color patch is increased or decreased according to your selection.

8. Click **Select**.



9. Click **Apply**.

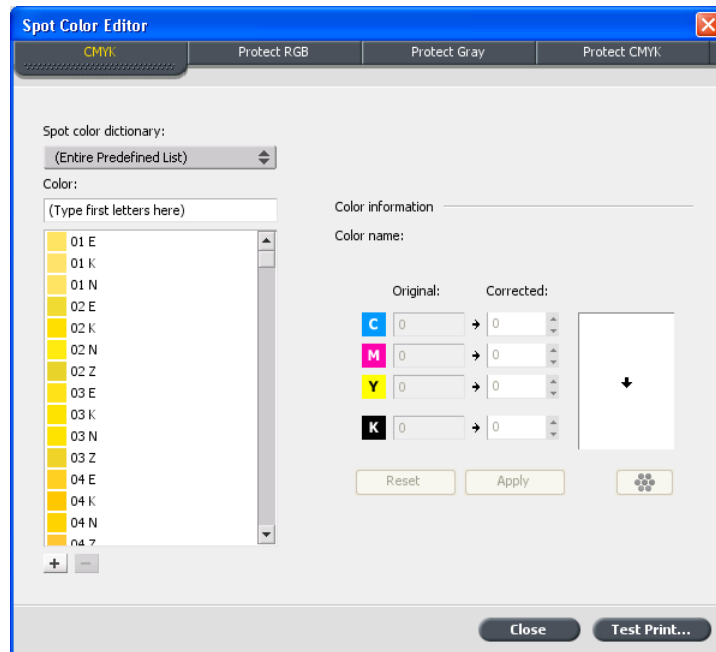
The spot color with the new values is added to the **Custom Dictionary**.

10. Click **Close**.

Printing a spot color variation

Note: This feature is only available with the Advanced Color Tools package.

1. From the **Tools** menu, select **Spot Color Editor**.

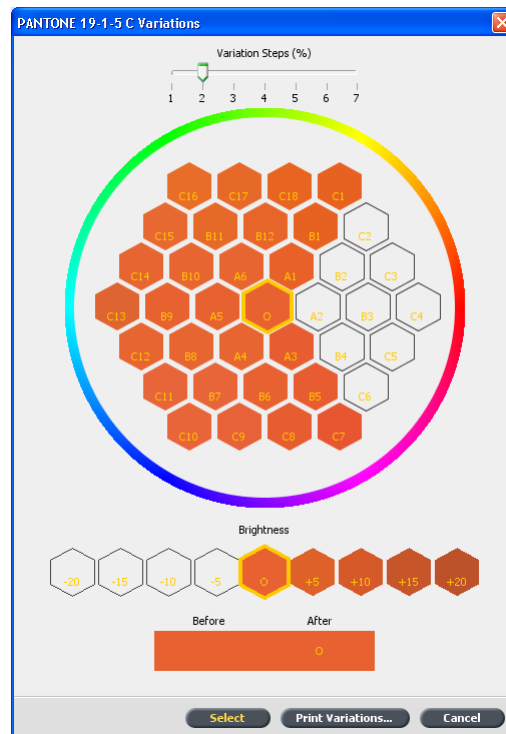


2. In the **Color** list, type the name of the spot color.

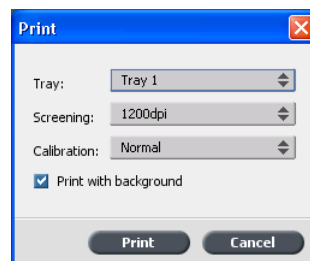
The spot color is automatically selected from the spot **Color** list .

3. Click the **Variations**  button.

The Variations dialog box appears. The spot color is in the center of the color patches and is designated as "0".



4. Select the desired color patch.
5. Click **Print Variations**.



6. Do the following:
 - In the **Tray** list, select the desired tray.
 - In the **Screening** list, select the desired screening method.
 - In the **Calibration** list, select the desired calibration table.
 - To print the variations with no background, clear the **Print with background** check box.
7. Click **Print**.

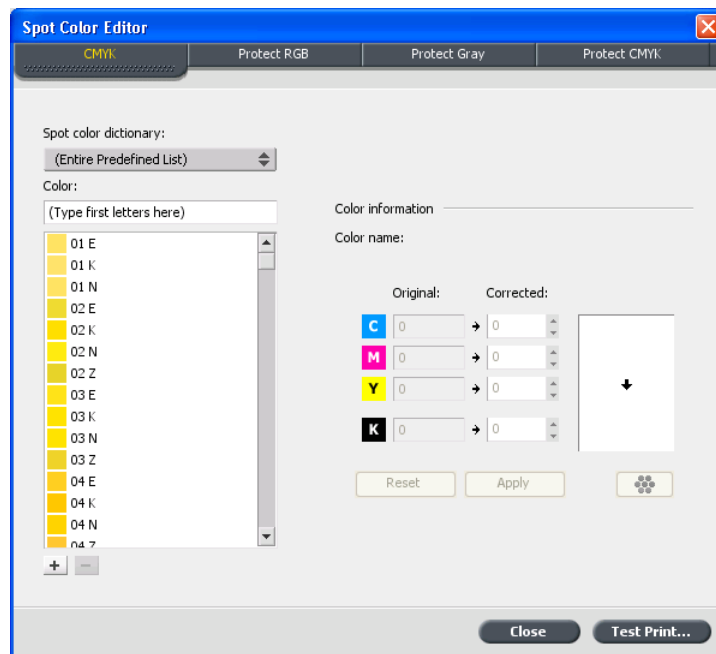
Protecting specific spot colors

Using the Spot Color Editor, you can protect specific colors—for example, official logos or company colors—to help produce color fidelity and color consistency between devices. When you define a specific color as an RGB or CMYK spot color and enter a fixed CMYK target for it, the treats it as a spot color, protecting it accordingly.

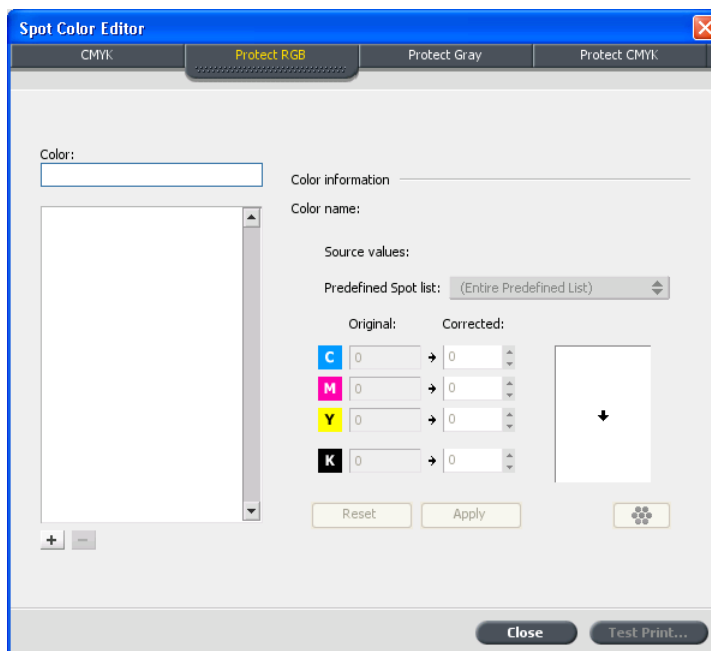
Defining an RGB color as a spot color

The RGB spot workflow applies only to LW elements.

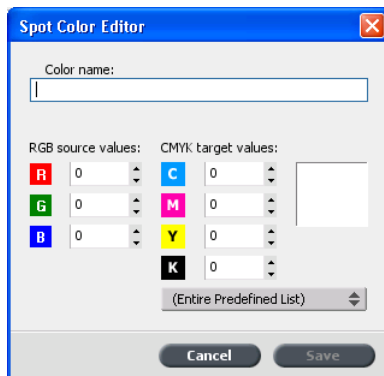
1. From the **Tools** menu, select **Spot Color Editor**.



2. In the Spot Color Editor dialog box, click the **Protect RGB** tab.

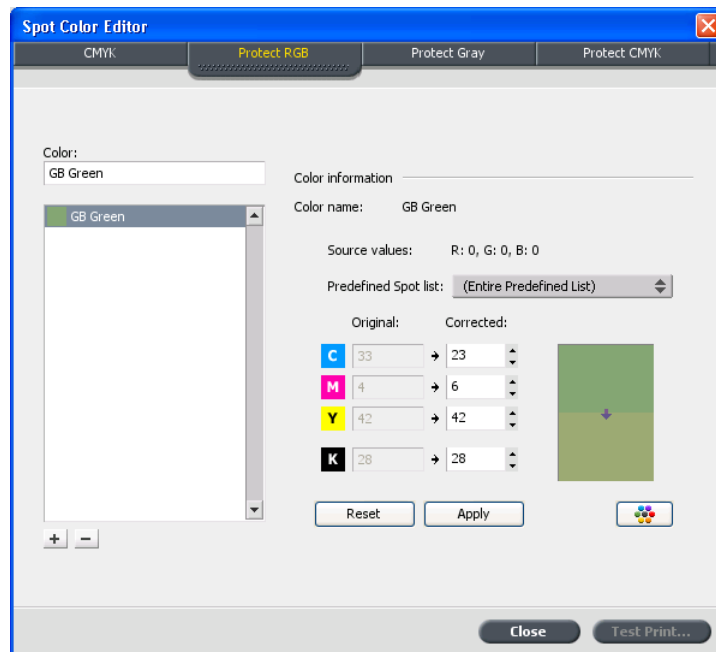


3. Click **add +**.



4. In the **Color name** box, type a name for your color.
5. Type the **RGB source values** and the **CMYK target values**, or select a spot color from the **Entire Predefined List**.
6. Click **Save**.
7. On the **Protect RGB** tab, select the color.

The color information appears.

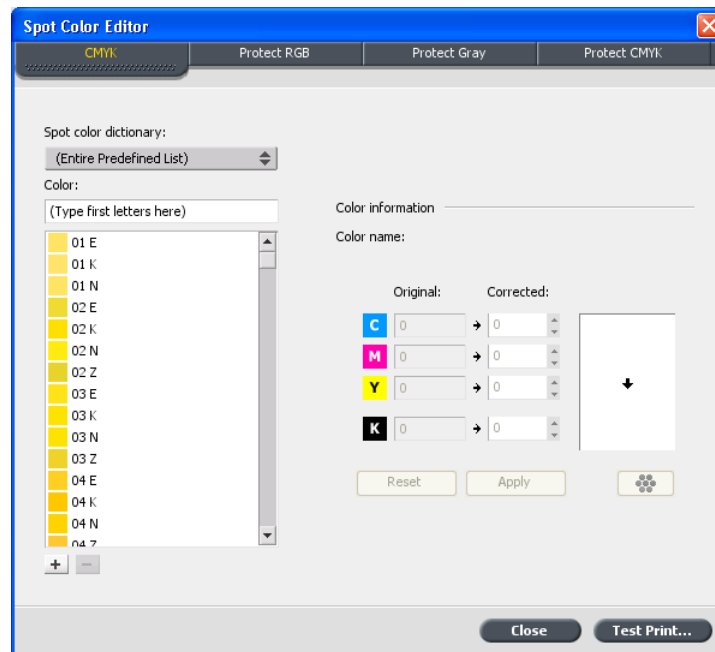


8. If necessary, in the **Corrected** column, adjust the CMYK values.
9. Click **Apply**.

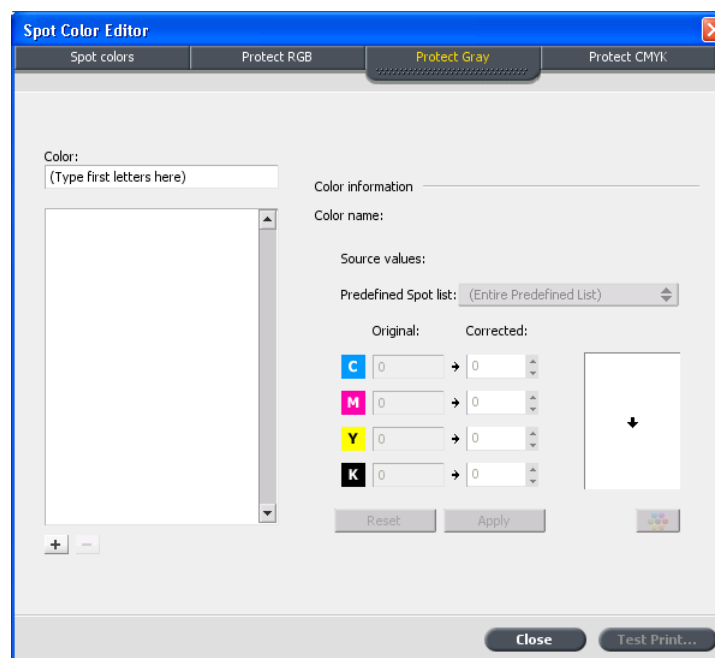
Defining a grayscale color as a spot color

The RGB spot workflow applies only to LW elements.

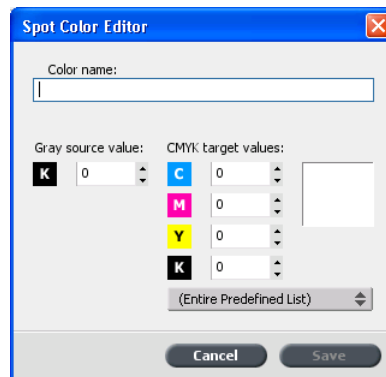
1. From the **Tools** menu, select **Spot Color Editor**.



2. In the Spot Color Editor dialog box, click the **Protect Gray** tab.



3. Click **add** .

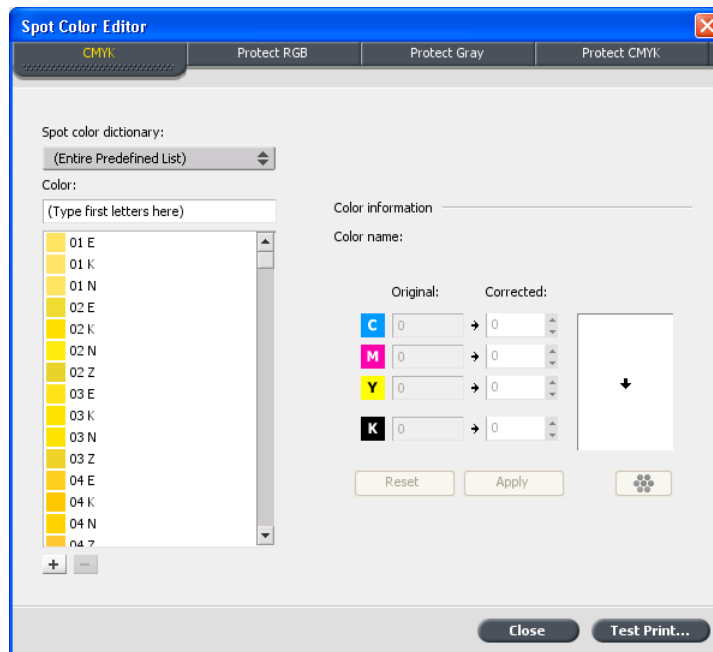


4. In the **Color name** box, type a name for your color.
5. Enter the **Gray source value** or select a spot color from the **Entire Predefined List**.
6. Click **Save**.
7. On the **Protect Gray** tab, select the color.
8. If necessary, in the **Corrected** column, adjust the CMYK values.
9. Click **Apply**.

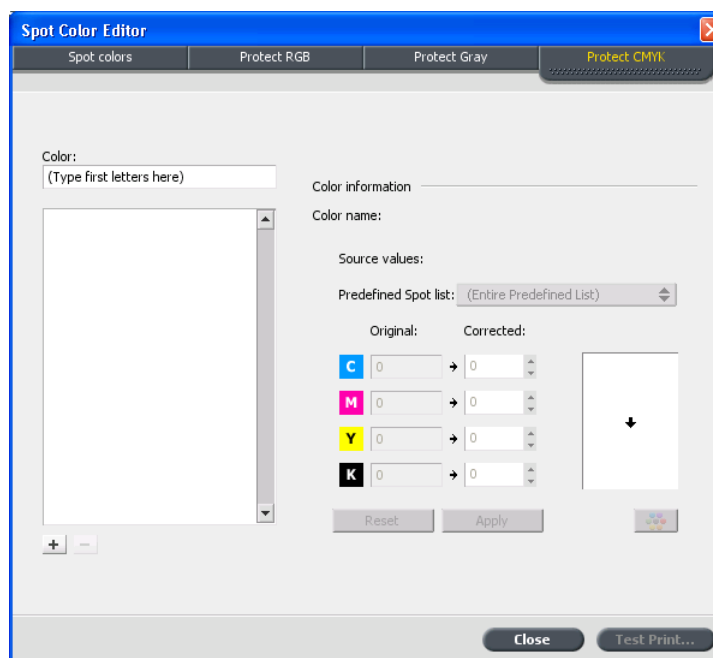
Defining a CMYK color as a spot color

The RGB spot workflow applies only to LW elements.

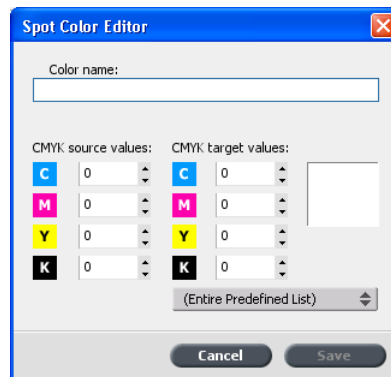
1. From the **Tools** menu, select **Spot Color Editor**.



2. In the Spot Color Editor dialog box, click the **Protect Gray** tab.



3. Click **add** .



4. In the **Color name** box, type a name for your color.
5. Enter the **CMYK source value** or select a spot color from the **Entire Predefined List**.
6. Click **Save**.
7. On the **Protect CMYK** tab, select the color.
8. If necessary, in the **Corrected** column, adjust the CMYK values.
9. Click **Apply**.

11

Print using Imposition

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Imposition overview

Imposition is the process of positioning page images on a virtual sheet of paper so that when a printer or digital printing press prints the sheet, the page images will be in the right order. It is part of the process of producing finished documents.

In addition to page images, you can add various marks to the sheets to aid the production process. These marks show where the paper should be folded or trimmed.

Imposition does not affect the content of the individual page but rather affects only the placement of the page images on a press sheet. Imposition is a combination of content and layout. The content is the pages that should be printed, and the layout is the location of the page on the sheet, along with the page's printing marks, crop marks and fold marks.

Previewing an imposition layout

The Preview window enables you to view your imposition layout and settings.

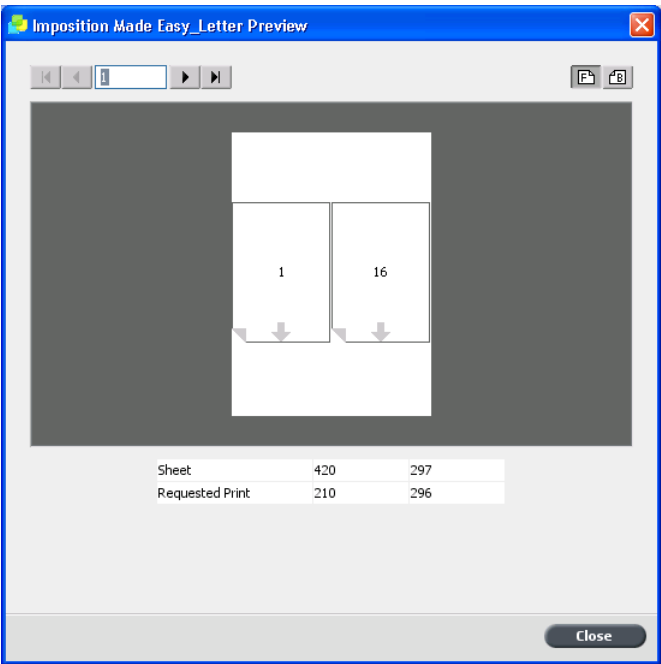
Requirements:





An imposition method must be selected.

You can open the Preview window at any time and keep it open to check your imposition settings as you select them. The Preview window dynamically reflects any changes that you make.


1. Open the Job Parameters window for the desired job.
2. Click the **Imposition** tab, and make sure that an imposition method has been selected.
3. Click the **Preview** button.
The Preview window appears.

Imposition layout Preview window



Preview window buttons		
	Front	Click to view the front pages.
	Back	Click to view the back pages.
	Navigation buttons	Click the navigation arrows to move between sheets.
	Navigation box	Jump to a specific sheet by typing a number in the navigation box.

Page image



Gray arrows

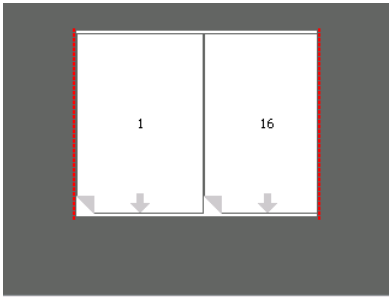
Indicate the direction of the pages on the sheet.

Page numbers


Indicate the numbered sequence of the pages.

Imposition Conflict

If any parameters conflict, **Imposition Conflict** appears in red in the Preview window and also on the **Imposition** tab.



Sheet	215.9	279.4
Requested Print	210	296

 **Imposition Conflict**

Conflict indications

A red border along the edge of the page indicates where the conflict exists.

- If the red border appears along the upper and lower edges of the page, a conflict exists in the height value.
- If the red border appears along the left and right edges of the page, a conflict exists in the width value.

Problematic values appear in red.

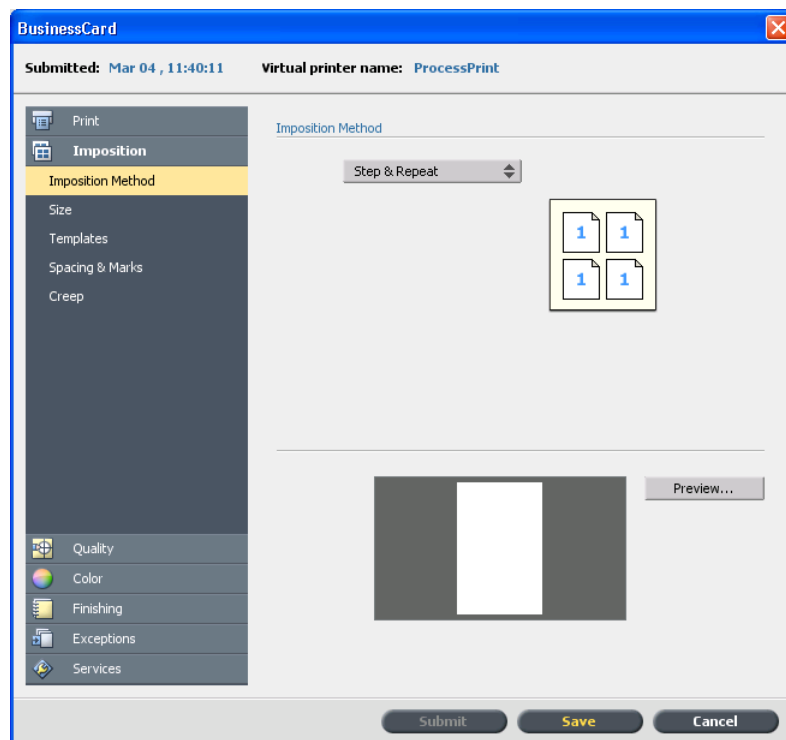
Printing a business card job

Requirements:

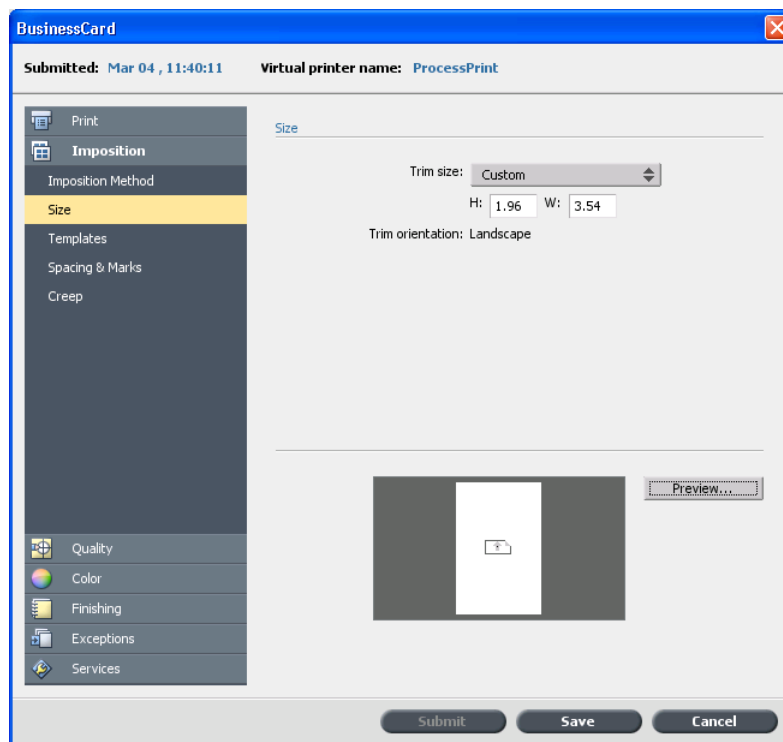
This example assumes that your job contains one-sided business cards that are 50 mm × 90 mm (1.96 in. × 3.45 in.), imposed on A3 paper.

This example demonstrates how to use the **Step & Repeat** imposition method to print business cards. With the **Step & Repeat** method, you can print multiple copies of the same image on one large sheet.

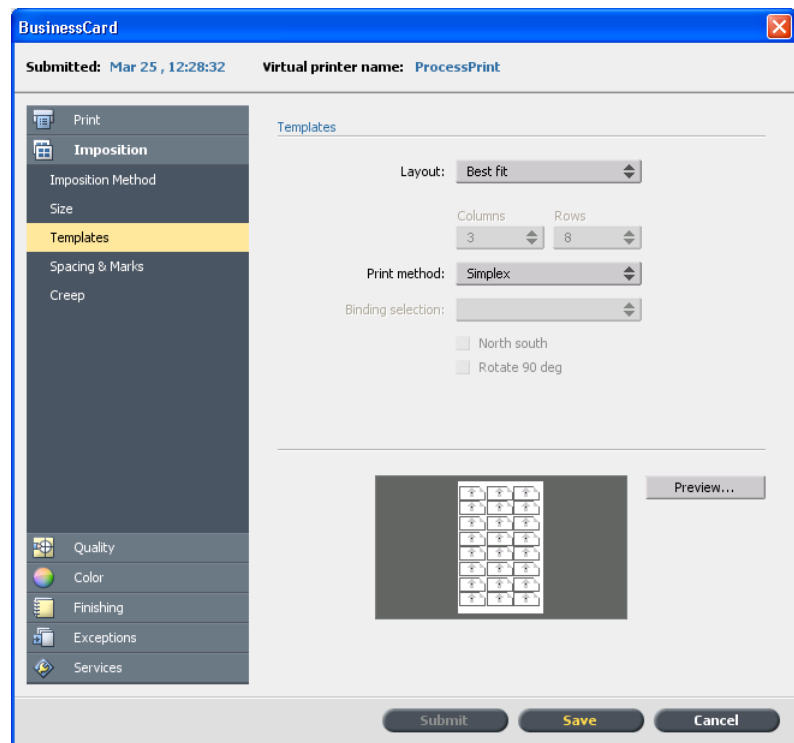
1. Click the **suspend** button to suspend the Process queue.
2. From the **File** menu, select **Import**.
3. Import your business card file to the **ProcessPrint** virtual printer. The file is imported to the Process queue with a **Waiting** status.
4. In the suspended Process queue, double-click the business card file. The Job Parameters window appears.
5. In the Job Parameters window, under **Print**, select the **Paper Stock** parameter.
6. In the **Paper size** list, select **11 x 17**.
7. Click the **Imposition** tab.
8. In the **Imposition Method** list, select **Step & Repeat**.



9. Select the **Size** parameter, and set the values as follows:
 - a. For **Trim Size**, select **Custom**
 - b. For **H**, type 1.96 inches or 50 mm.
 - c. For **W**, type 3.54 inches or 90 mm.
10. For **Trim orientation**, make sure that the **Landscape** option is selected. To change the trim orientation, in the Job Parameters window, select **Print** and then select **Layout**. Select the desired orientation.

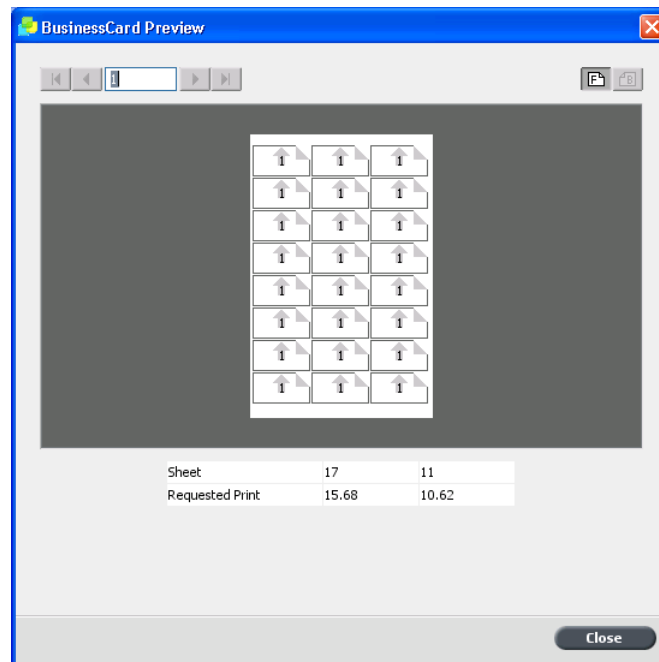


11. Select the **Templates** parameter, and set the values as follows:
 - a. In the **Layout** list, select **Best Fit**. The CX print server determines how many business cards can fit on each sheet. The CX print server calculates the best fit, a layout of three columns by eight rows.
 - b. For **Print Method**, make sure **Simplex** is selected, since your business cards are one-sided.



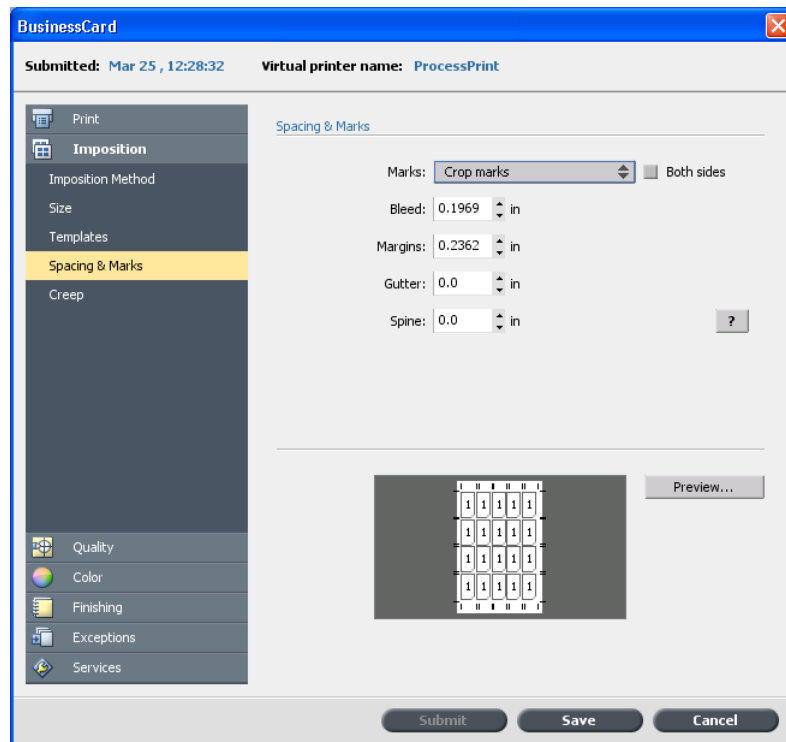
12. Click the **Preview** button to preview the layout.

The Preview window appears, displaying a schematic representation of your imposition layout. The layout of three columns by eight rows appears with no imposition conflict.

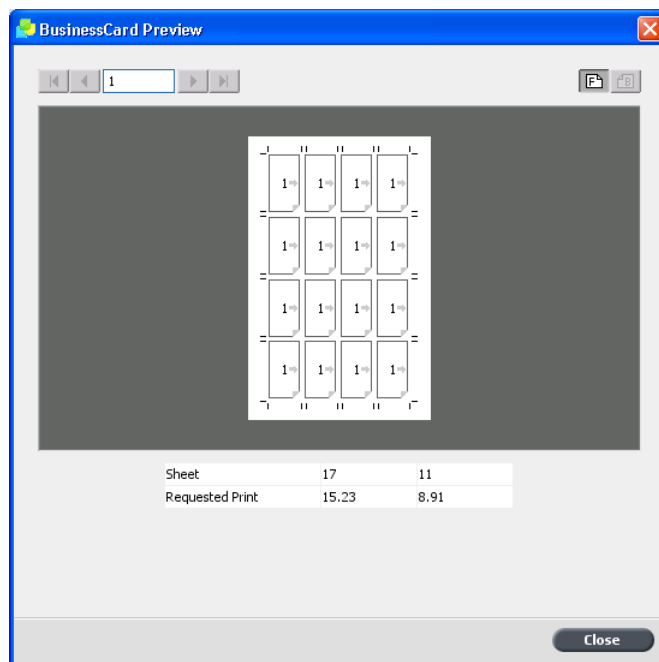


13. Leave the Preview window open, and, if necessary, drag it to the right.
14. Select the **Spacing & Marks** parameter.
15. In the **Marks** list, select **Crop marks**.

The crop marks automatically appear in the Preview window and the **Margins** size is automatically increased to accommodate the crop marks.



16. In the **Gutter** box, type 0.2 inches or 5 mm.
As soon as you change the value for the **Gutter** size, the imposition layout in the Preview window automatically changes. The CX print server calculates that to accommodate a gutter of 0.2 inches or 5 mm, a layout of three columns by seven rows will best fit on each sheet.



17. Check the Preview window. No imposition conflicts appear.
18. In the **Job Parameters** window, click **Save**.
19. Release the suspended Process queue.

Your business cards are processed and printed according to the **Step & Repeat** imposition settings.

Printing a Step & Continue job

Requirements:

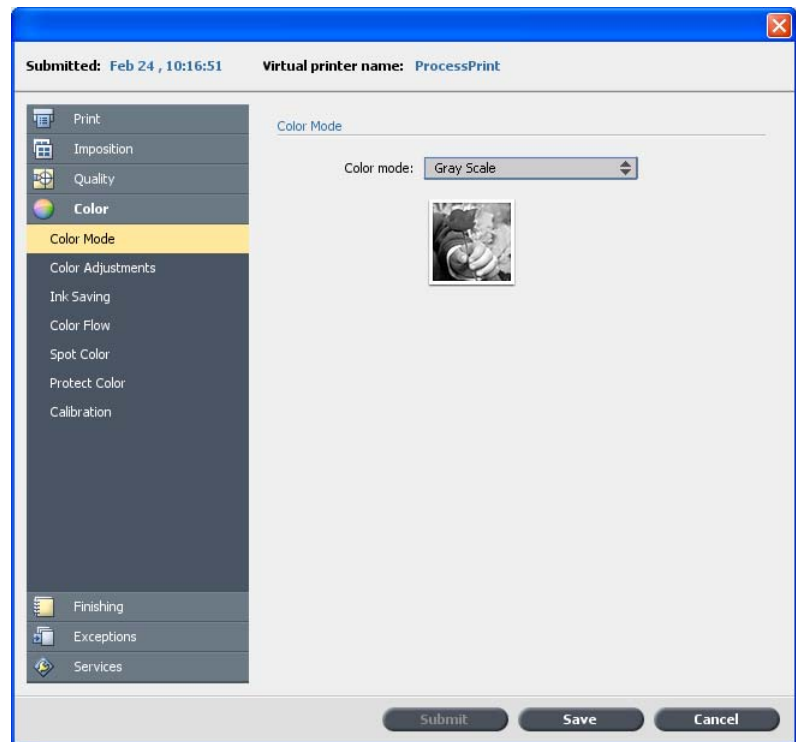
This example assumes the following:

- Your job is a 16-page brochure.
- Tabloid or A3 paper is loaded in the printer.

This example demonstrates how to use the **Step & Continue** imposition method to print a grayscale draft of a job that you want to review.

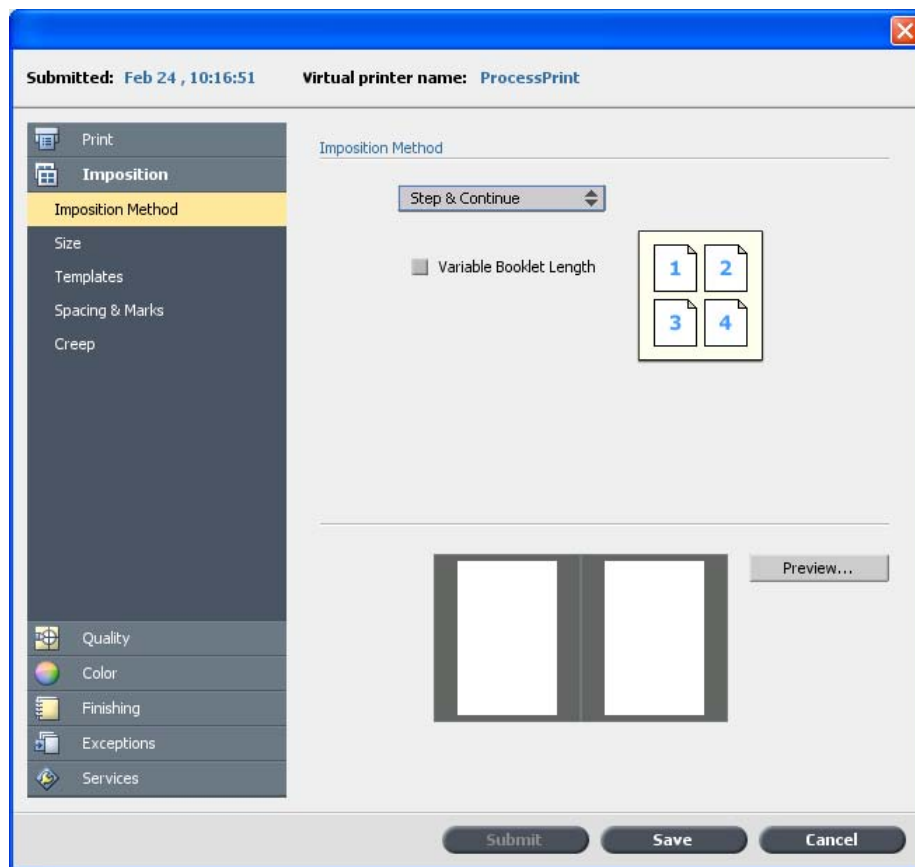
1. Right-click your job to open the Job Parameters window.
2. In the Job Parameters window, under **Print**, select the **Paper Stock** parameter.
3. In the **Paper size** list, select **11×17** or **A3**.
4. Click the **Color** tab.

5. In the **Color mode** list, select **Gray Scale**.



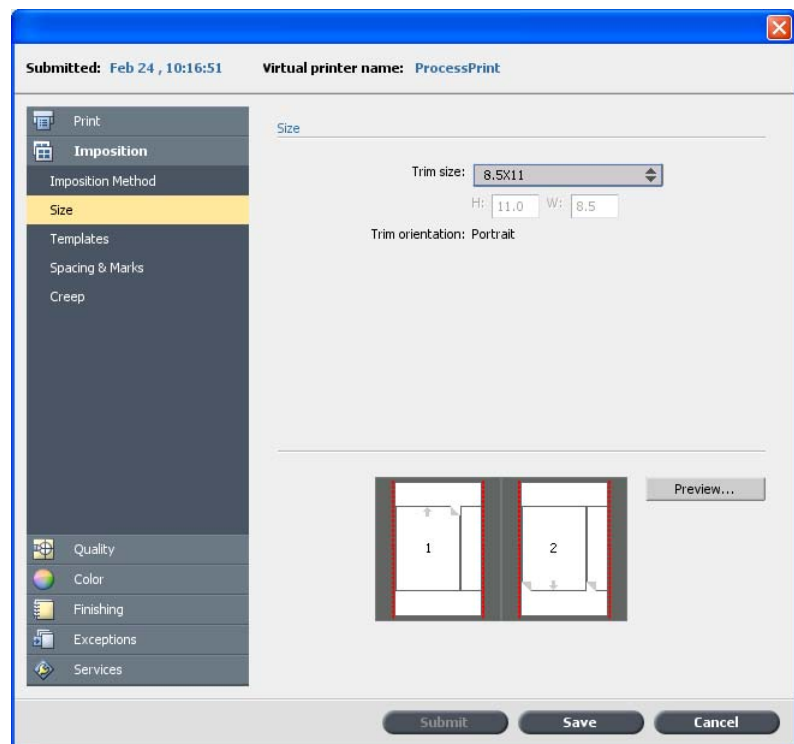
6. Click the **Imposition** tab.

7. In the **Imposition Method** list, select **Step & Continue**.



8. Select the **Size** parameter.
9. In the **Trim size** list, select **8.5×11** or **A4**.
10. For **Trim orientation**, make sure that the **Portrait** option is selected.

The red dotted lines in the thumbnail indicate an imposition conflict. This conflict will be resolved when you set the rest of the imposition parameters.



11. Select **Templates**, and set the values as follows:
 - a. In the **Layout** list, select **Custom**.
 - b. In the **Columns** list, select **2**.
 - c. In the **Rows** list, select **1**.
 - d. In the **Print method** list, select **Duplex HTH**.

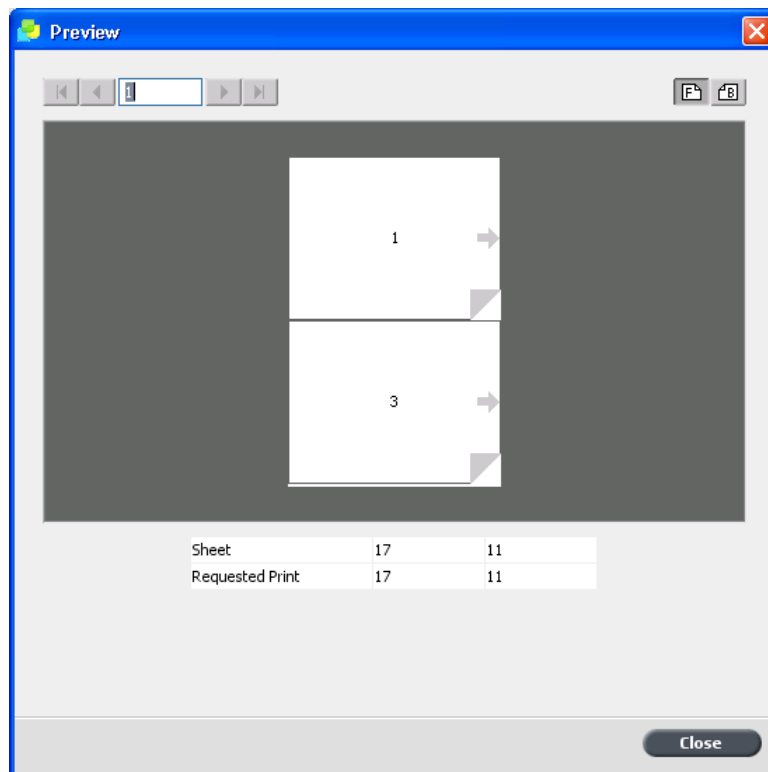
12. Click the **Preview** button.

The Preview window appears. The pages do not fit properly in the window.

13. Leave the Preview window open. If necessary, drag it to the right.

14. In the **Templates** area, select the **Rotate 90 deg** check box.

The pages are rotated in the Preview window. The pages now fit properly on the imposed sheet.



15. In the Job Parameters window, click **Submit**.

Printing a saddle stitch job

Requirements:

This example assumes the following:

- Your job is an eight-page brochure, with a custom trim size of 5.27 by 3.34 inches or 134 by 85 mm.
- Letter or A4 paper is loaded in the printer.

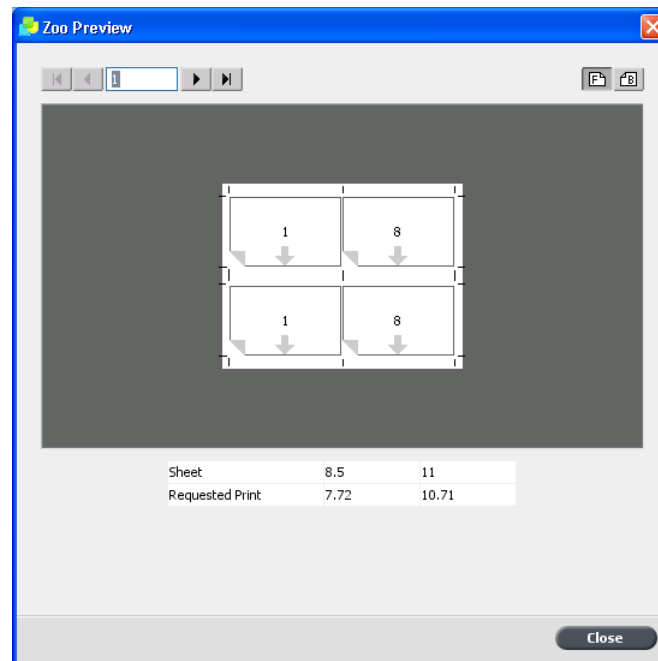
This example demonstrates how to use the **Saddle Stitch** imposition method to print two sets of the same job on one press sheet to save paper and production time.

1. In the **Storage** area, double-click your job.
2. In the Job Parameters window, click the **Imposition** tab.
3. In the **Method** list, select **Saddle stitch**.
4. In the **Sets per sheet** list, select **2** to print two sets of your imposed job on one press sheet.
5. Click **Spacing & Marks**.

6. In the **Marks** list, select **Crop marks**.
7. In the **Bleed** box, type 0.118 inches or 3 mm.
8. Click the **Preview** button.

A schematic representation of the imposition layout appears.

Note: When you print your job, a space of 3.9 inches or 10 mm is automatically added between the two sets on the sheet.



9. Close the Preview window.
10. Click **Submit**.

Your job is processed and printed according to the imposition settings for two sets per sheet. You have used most of the sheet's space and saved on paper. You can also easily cut and staple the two brochures.

Printing a brochure

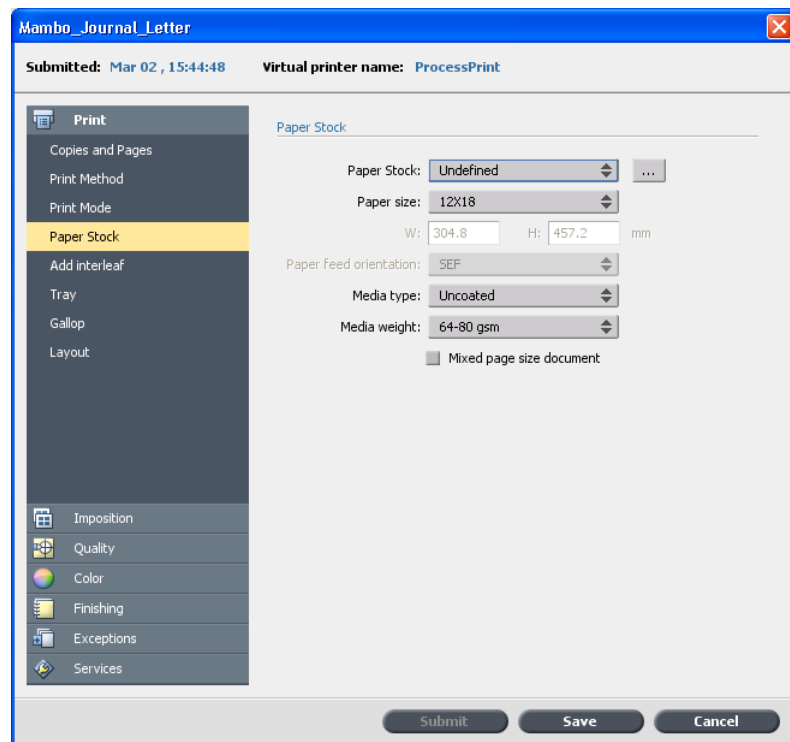
Requirements:

This example assumes the following:

- Your job is a 16-page brochure, with a custom trim size of 5.27 by 3.34 inches or 134 by 85 mm.
- 12×18 inches or SRA3 paper is defined and loaded in tray 5 of the printer.

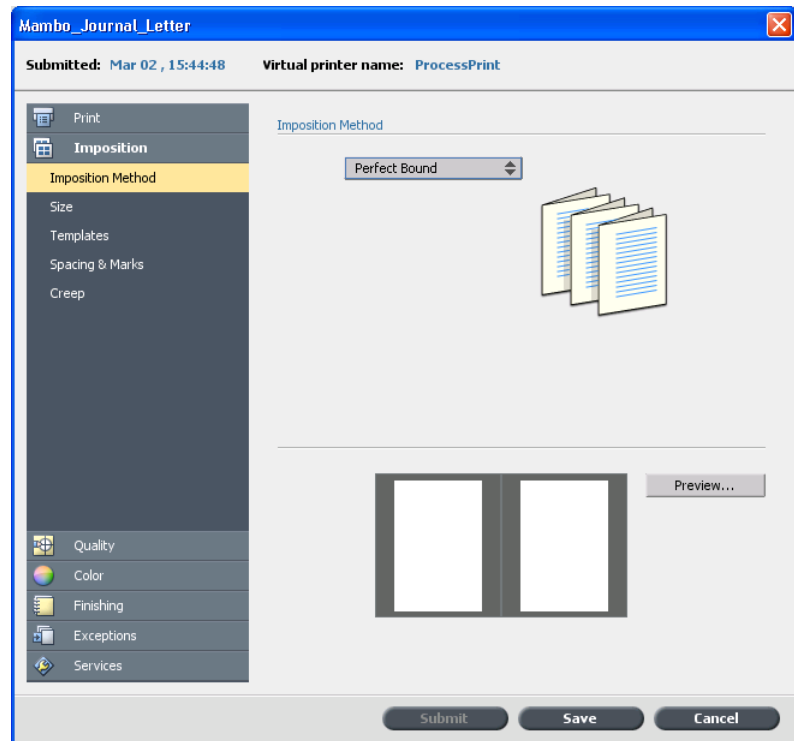
This example demonstrates how to use the **Perfect Bound** imposition method to print a catalog. In an actual production environment, you would use the **Perfect Bound** imposition method only if you were printing a book with many pages.

1. Click the **suspend** button to suspend the Process queue.
2. Click the **File** menu, and select **Import**.
3. Import your job to the **ProcessPrint** virtual printer.
4. In the suspended Process queue, double-click your job.
5. In the Job Parameters window, under **Print**, select **Paper Stock**.
6. In the **Paper size** list, select **12×18** or **SRA3**. This sheet size is large enough to accommodate crop marks and fold marks.



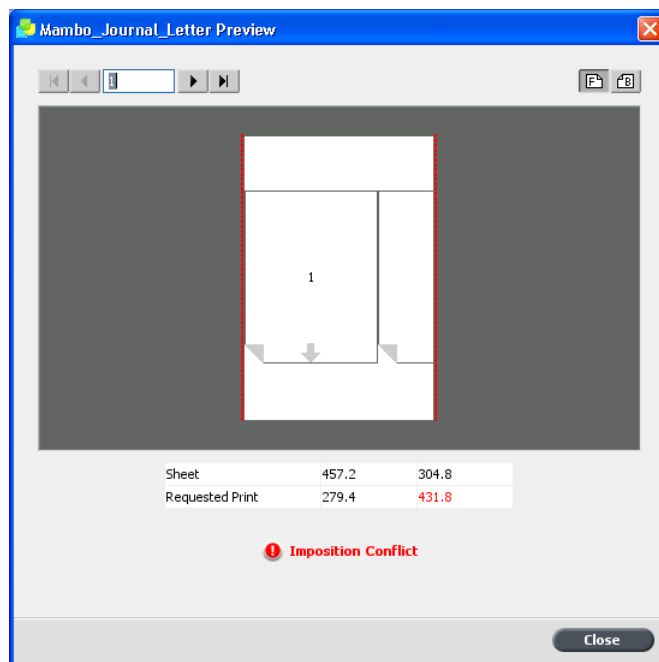
7. Select **Tray**, and from the **Tray** list, select **Tray 5**.

8. Select **Imposition**, and in the **Imposition Method** list, select **Perfect Bound**.



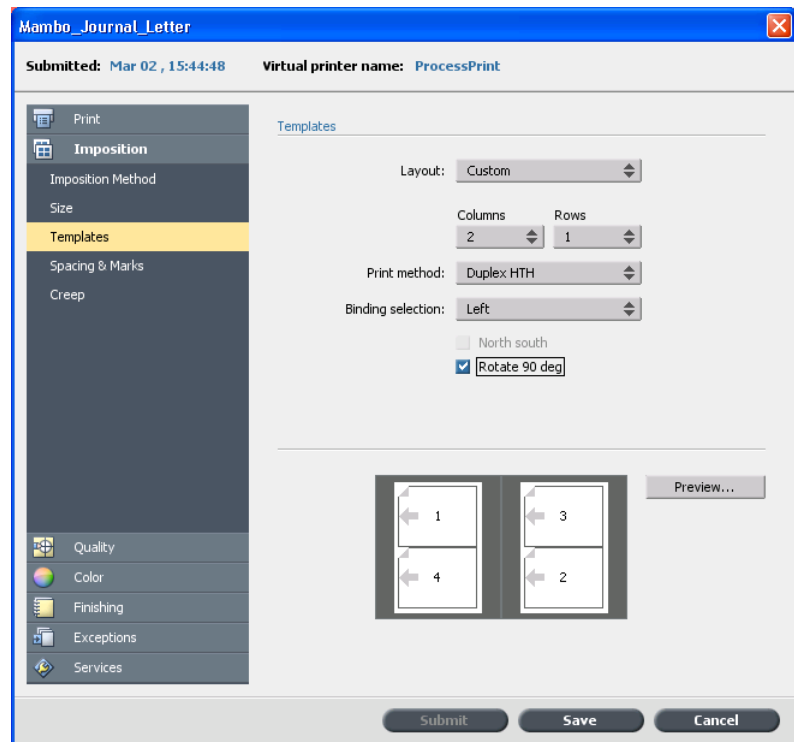
9. Select **Size**, and set the values as follows:
 - a. For **Trim Size**, select **8.5×11** or **A4**.
 - b. Make sure that the **Portrait** option is selected for **Trim orientaion**.
10. Click the **Preview** button.

The Preview window appears displaying a schematic representation of your layout. The pages do not fit on the sheet.



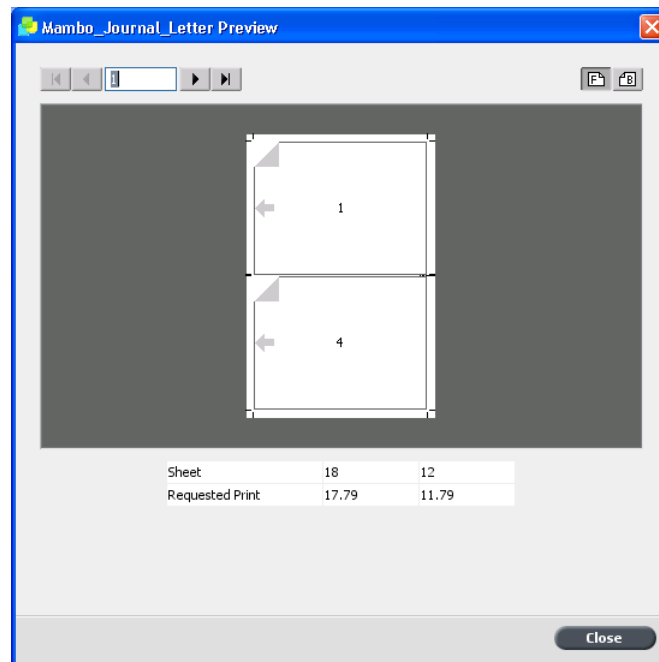
11. Leave the Preview window open, and, if necessary, drag it to the right.
12. Select **Templates**, and set the values as follows:
 - a. For **Layout**, select **Custom**.
 - b. In the **Columns** list, select **2**.
 - c. In the **Rows** list, select **1**.
 - d. In the **Print method** list, select **Duplex HTH**.
 - e. In the **Binding selection** list, select **Left**.
 - f. Select the **Rotate 90 deg** check box.

As soon as you select the **Rotate 90 deg** check box, the pages fit on the sheet.



13. Select **Spacing & Marks**, and set the values as follows:
 - a. In the **Marks** list, select **Crop & fold marks**.
The bleed and margins sizes are automatically adjusted. 0.2 inches or 5 mm are added to the bleed size and 0.4 inches or 10 mm are added to the margins size. This accommodates both crop marks and fold marks.
 - b. Select the **Both sides** check box.
 - c. For **Gutter**, keep **0.0**.
 - d. For **Spine**, keep **0.0**.
14. Click the **Preview** button.

The crop marks and fold marks appear. There are no imposition conflicts.



15. In the Job Parameters window, click **Save**.
Both the Preview window and the Job Parameters window close.
16. Click the **resume** button to release the suspended Process queue.
Your job is processed and printed according to the **Perfect Bound** imposition settings.
17. Collect the printed sheets
18. Trim, fold, and gather the sheets. In an actual production environment, you would clamp the sheets and glue them to the spine.

Printing a booklet to the booklet maker tray

Requirements:

This example assumes that you want to print a letter-size booklet and have it output to the booklet maker tray .

Note: Refer to the Xerox 700 Digital Color Press User Guide for the booklet maker limitations. If your job exceeds these limitations—for example, folding more than the specified sheets per booklet—the job prints to the top tray instead of the booklet maker.

1. Click the **suspend** button to suspend the Process queue.
2. From the **File** menu, select **Import**.

3. Import your job to the **ProcessPrint** virtual printer.
The file is imported to the Process queue with a **Waiting** status.
4. In the suspended Process queue, double-click the job.
The Job Parameters window appears.
5. In the Job Parameters window, under **Print**, select the **Paper Stock** parameter.
6. In the **Paper size** list, select **11 x 17 SEF**.
7. Under **Imposition**, select the **Imposition** parameter, and in the **Method** list, select **Saddle Stitch**.
8. Select the **Size** parameter, and in the **Trim Size** list, select **8.5 x 11**.
9. For **Trim orientation**, make sure that the **Portrait** option is selected.
10. Select the **Template** parameter, and set the values as follows:
 - a. In the **Layout** list, select **Custom**.
 - b. In the **Columns** list, select **2**.
 - c. In the **Rows** list, select **1**.
 - d. In the **Print Method** list, select **Duplex HTH**.
 - e. In the **Binding** list, select **Left**.
 - f. Select the **Rotate 90 deg** check box.
11. Click the **Preview** button to make sure the pages fit on the sheet.
12. Under **Finishing**, select the **Finisher** parameter and set the values as follows:
 - a. In the **Module** list, select **Light Production**.
 - b. In the **Output Tray** list, select **Booklet Maker Tray**.
 - a. Select the **Staple** check box.
13. In the **Job Parameters** window, click **Save**.
14. Release the suspended Process queue.

Your job is processed and printed according to the imposition settings.

Imposition Template Builder Tool

Imposition Template Builder overview

Note: This feature is only available with the Advanced Productivity package.

The Imposition Template Builder enables you to save imposition layouts and reuse them for different jobs, without needing to define the same layout repeatedly. The Imposition Template Builder also allows you to create and save templates with special layouts that cannot be created on the **Imposition** tab alone.

After you save a template, you can apply it to a specific job.

All saved templates appear on the **Imposition** tab. After you select an imposition method, the related templates appear in the **Template** parameters, in the **Layout** list. For example, if you created a **Step & Continue** template, the template appears in the **Layout** list only when you select the **Step & Continue** imposition method.

Some templates appear under more than one imposition method.

Method selected on Imposition tab:	Template layout type in the layout list:
Step & Repeat	Step & Repeat, Cut & Stack
Step & Continue	Step & Continue
Saddle Stitch	Saddle Stitch, Perfect Bound
Perfect Bound	Saddle Stitch, Perfect Bound

Creating an imposition template

Note: This feature is only available with the Advanced Productivity package.

On the CX print server, you can use the Imposition Template Builder to create templates for similar types of jobs that have the following imposition settings in common:

- Imposition method
- Columns and rows
- Simplex/duplex
- Binding

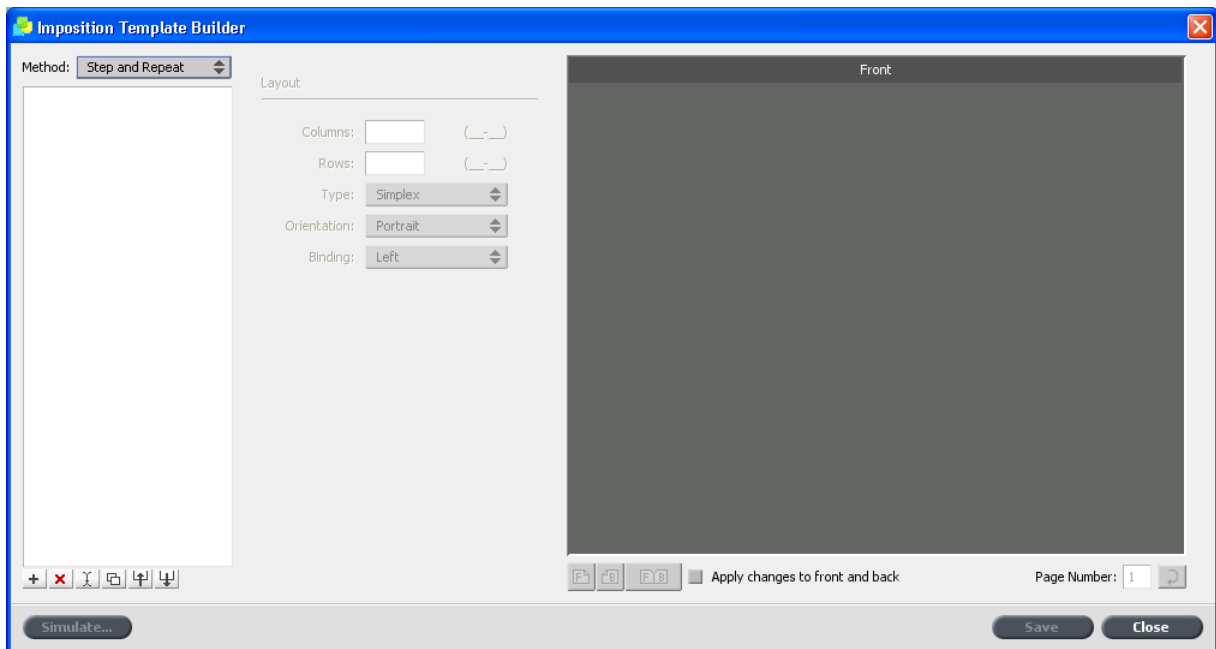
For example, if you want to create an imposition template for A4-sized brochures printed on A3 paper, you could create a template, called "A4Brochure", and select the following settings:


- **Imposition method: Saddle Stitch**
- **Columns: 1**

- **Rows:** 2
- **Type:** Duplex (selected by default)
- **Binding:** Left

You would define all the other imposition settings—for example, **Trim Size**, **Bleed**, **Margin**, **Gutters**, and **Paper Size**—on the **Imposition** tab.

1. From the **Tools** menu, select **Imposition Template Builder**.



2. From the **Method** list, select an imposition method.
3. Click the **New**  button.
4. Type the name of the new template, and press Enter.
5. In the **Layout** area, type the number of columns and number of rows that you need.
The imposition method that you select determines the number of columns and rows that you can enter. For **Saddle Stitch** and **Perfect Bound**, you can place up to 64 pages on one sheet (8 × 8). For **Step & Repeat** and **Step & Continue**, you can place up to 625 pages on one sheet (25 × 25).
6. Under **Type**, select **Simplex** or **Duplex**.
7. Under **Orientation**, select **Portrait** or **Landscape**.

Note: The **Orientation** setting in the Imposition Template Builder is for display purposes only. This parameter is not saved in the template. (You set job orientation on the **Imposition** tab, under **Size**.)

8. From the **Binding** list, select the appropriate binding method.

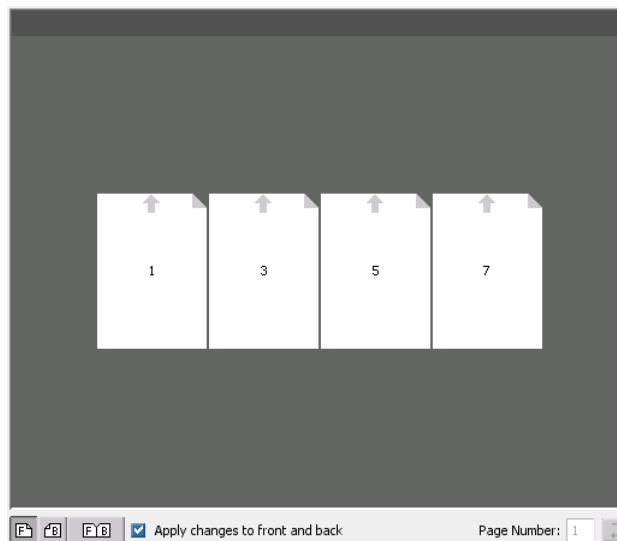
Note: **Binding** is available only when **Saddle Stitch** and **Perfect Bound** imposition methods are selected.

9. Click **Save**.

Imposition template viewer window

Note: This feature is only available with the Advanced Productivity package.




As you create or modify a template, you can see your template in the template viewer. As you select parameters, the template viewer dynamically changes to reflect your selections.



Buttons

Notes:

- When **Simplex** is selected, only the **Front** view is available.
- Sheet size is set on the **Imposition** tab. The sheet size that appears in the template viewer is dynamic. It changes to accommodate the parameters that you choose.

Buttons	
 Front	Click to view the front pages.
 Back	Click to view the back pages.
 Both	Click to view both the front and back pages simultaneously.

Editing an imposition template

Rotating a page 180 degrees

Note: This feature is only available with the Advanced Productivity package.

The template viewer enables you to rotate one or more pages and change the location of pages on the sheet.

The gray arrow on each page indicates the top of the page. The page number is indicated by the number that appears on each page.

1. Make sure the **Apply changes to front and back** check box is clear.
2. Select the desired page.


Note: To select multiple consecutive pages, click the first page, press and hold Shift, and then click the last page. Select multiple non-consecutive pages by pressing and holding Ctrl as you click each page.

3. Click the **Rotate 180**  button.

Rotating both the front and back sides of a page 180 degrees

Note: This feature is only available with the Advanced Productivity package.

1. Select the desired page.

2. Select the **Apply changes to front and back** check box.
3. Click the **Rotate 180**  button.

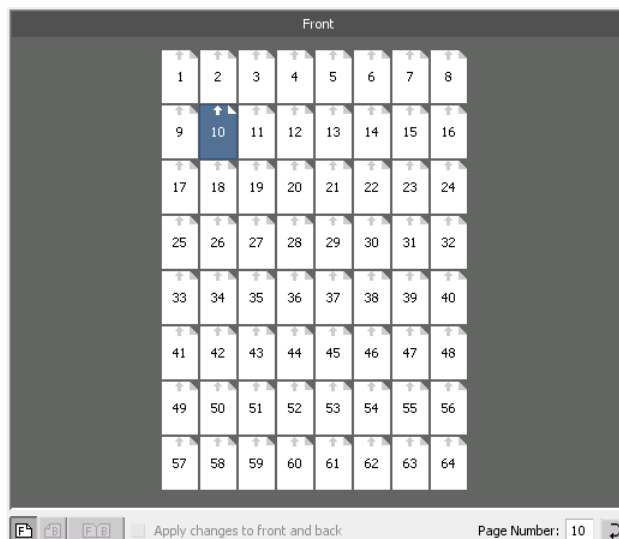
Changing the position of a specific page on a press sheet

Note: This feature is only available with the Advanced Productivity package.

You can change the location of a page on a sheet as needed. Changing the location of a page is often necessary when the **Step & Continue** imposition method is selected.

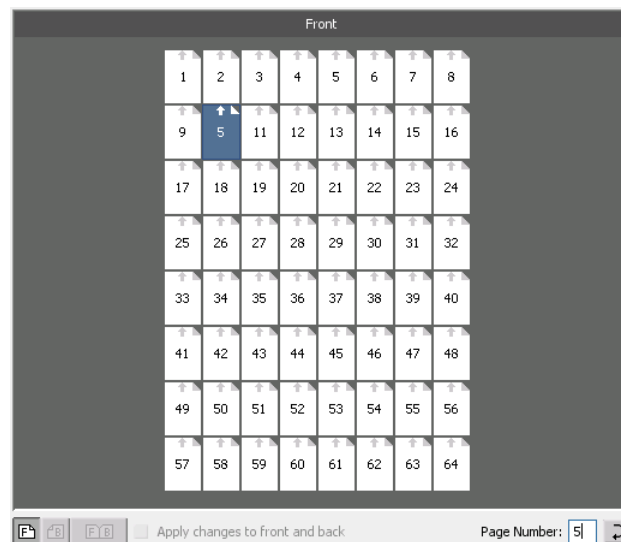
1. Click the target location that you want to move the page to—for example, click page 10 if you want to place a different page in that location.

The target location turns blue when selected.



2. Click the Page Number box, and type the number of the page that you want to move to the target location. For example, you would type 5 to place page 5 in the location of page 10.
3. Press Enter.

The page moves to its new location.




Note: The page number that was previously in the target location is not automatically moved to another location. To retain this page, manually move this page to a new location.

If you have a duplex job and the **Apply changes to front and back** check box is selected, the page number for the back side of the page also changes. Using the example above, page 6 would be on the back side of page 5.


Deleting an imposition template

Note: This feature is only available with the Advanced Productivity package.

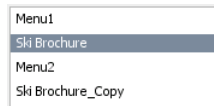
1. In the Imposition Template Builder, from the **Method** list, select the imposition method, and then select the template that you want to delete.
2. Click the **Delete**  button.
3. Confirm that you want to delete the selected template.

Duplicating an imposition template

Note: This feature is only available with the Advanced Productivity package.

1. In the Imposition Template Builder, from the Method list, select the imposition method, and then select the template that you want to duplicate.
2. Click the **Duplicate**  button.


A copy of the template is created, with the word, “Copy” at the end of the file name.



3. To change the file name of the copy, use the **Rename** command.

Renaming an imposition template

Note: This feature is only available with the Advanced Productivity package.

1. In the Imposition Template Builder, from the **Method** list, select the imposition method, and then select the template that you want to rename.
2. Click the **Rename**  button.
3. Delete the old name.
4. Type the new name, and press Enter.

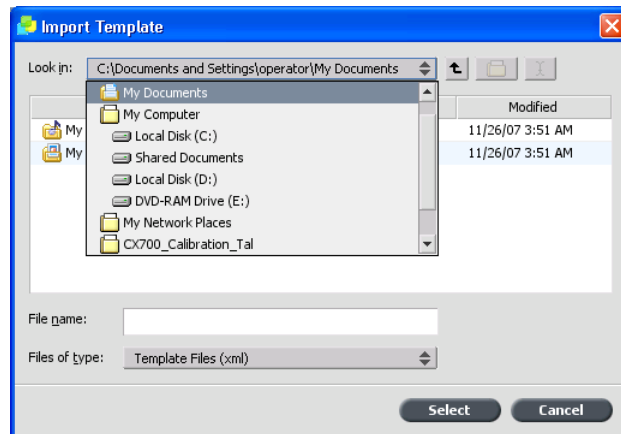
Importing an imposition template

Import templates that reside on other CX print servers connected to your network.

Note: This feature is only available with the Advanced Productivity package.

1. In the Imposition Template Builder, click the **Import**  button.

2. In the **Look in** list, locate the server and folder where the template resides.




3. Choose the template file, and click **Select**.

Note: Templates created in Ultimate software cannot be imported or used in the CX print server. They must be created using the Imposition Template Builder.

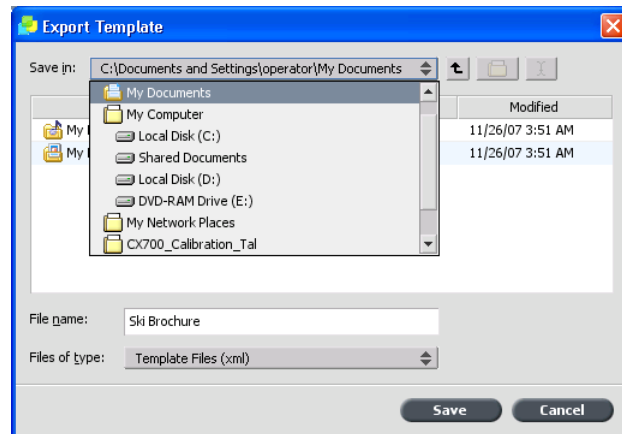
Exporting an imposition template

Export your templates from the CX print server on which you are working to other servers connected to your network.

Note: This feature is only available with the Advanced Productivity package.

1. In the Imposition Template Builder, from the **Method** list, select the imposition method, and then select the template that you want to export.
2. Click the **Export**  button.

3. In the Save in list, locate the server and folder that you want to copy the template to.



4. Click **Save**.

Simulating a job with your template

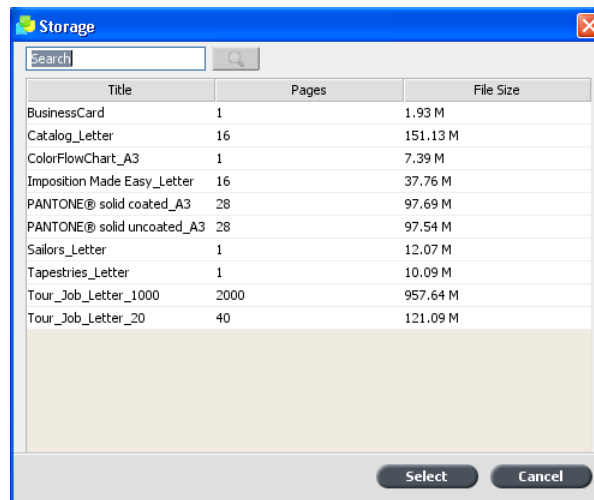
You can simulate how jobs from the Storage window will look if you apply an imposition template to them.

Note: This feature is only available with the Advanced Productivity package.

Note: The imposition template parameters are not actually applied to the job—you are viewing only a simulation of how the job would look if this template were selected on the **Imposition** tab.

1. In the Imposition Template Builder window, click the **Simulate** button.

2. Click **Browse**.

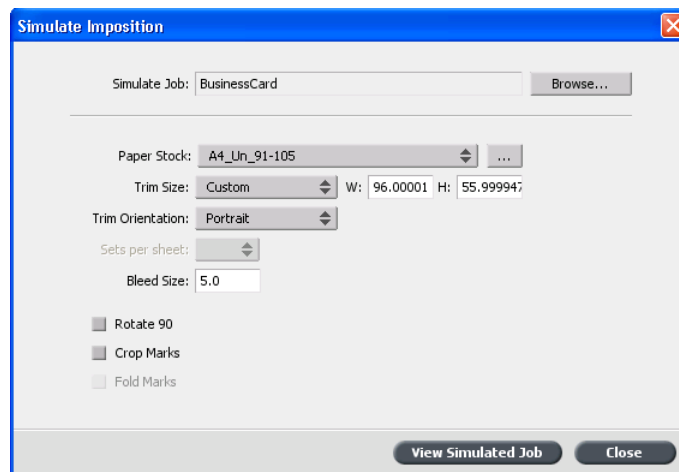


3. Select a job, and then click **Select**.

The parameters of the job (**Sheet Size**, **Trim Size**, **Trim Orientation**, **Sets per sheet**, **Bleed Size**, **Rotate 90**, **Crop Marks**, and **Fold Marks**) appear with their values in the Simulate Imposition window.

Note: Both RTP and non-RTP jobs are available for simulation.

4. Change the parameters as desired.



5. Click **View Simulated Job**.

The Preview window appears. A simulation of the job is displayed with the current imposition template applied.

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Scanning

Scanning an image on the Xerox 700 digital color press 228

Scanning an image on the Xerox 700 digital color press

Requirements: Create a scan box using the Remote Scan Application.

1. Position the original to be scanned on the platen glass of the Xerox 700 digital color press.

On the touch screen, you should have the Copy window.

2. On the Xerox 700 digital color press touch screen, touch the **All Services** button.
3. Touch **Network Scanning**.
4. To display all current scan boxes, touch **Update Templates**.
5. On the **Network Scanning** tab, touch the name of the scan box that you want to save the scanned image to.
6. The **Scanning Color** and **2 Sided Originals** settings are selected according to the settings defined in the scan box.
7. In the **Network Scanning, Advanced Settings Layout Adjustment**, and **Filing Options** tabs, change the parameters as desired.

Note: The **Scanning Color** settings cannot be changed.

8. Push the **Start** button.
The original is scanned. A beep is heard when the scan is complete.
The scanned job is saved in the selected scan box with the name **<scan box name>001** and with the relevant file extension.

After you scan a job, you can view it using the Remote Scan Application. You can find all scanned jobs in the **D:\PublicScans** folder on the CX print server.

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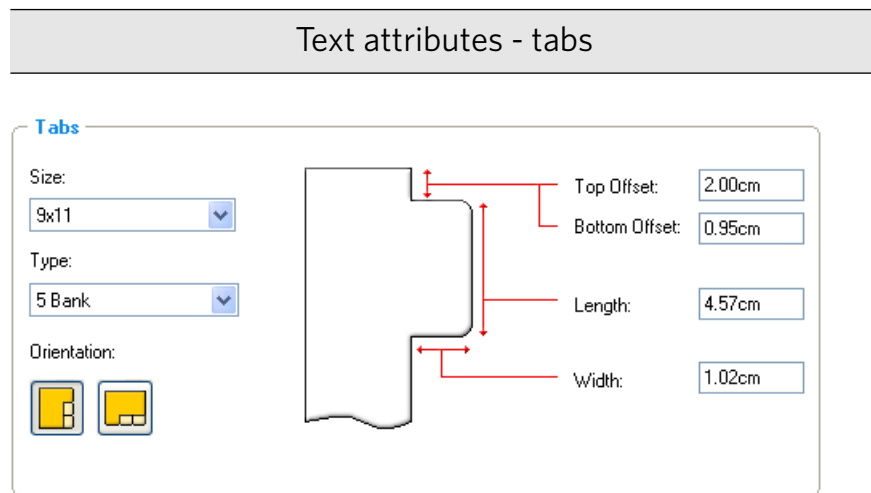
Print tabs using the Creo Color Server Tabs plug-in for Acrobat

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Tabs plug-in overview

The Tabs plug-in is a Creo plug-in, developed for use with Adobe Acrobat. The Tabs plug-in enables you to create and place tabs in your unprocessed job (PDF or PostScript), manage the tab and text attributes, and save a set of attributes for future use.

Tabs plug-in window



Tabs

Size	The size of the tabbed sheet. By default, the tab size for letter jobs is set at 9x11 , and for A4 jobs to A4+ .
Type	<p>The number and type of tabs that you can select.</p> <p>Note: If you want your tabs to be reversed—that is for the lowest tab to be the first one—select one of the reverse tab options.</p>
Orientation	Orientation of the tab.

Text attributes - tabs

Top Offset	<p>The value for the distance between the upper edge of the paper and the upper edge of the uppermost tab.</p> <p>Note: The units in the Tabs plug-in are set in the <i>Acrobat</i> Preferences dialog box.</p>
Bottom Offset	<p>The value for the distance between the lower edge of the paper and the lower edge of the lowest tab.</p>
Length	<p>The length of the tab.</p>
Width	<p>The width of the tab.</p>

Text attributes - text

Text

Font:

Arial

Size:

10

B

I

U

Offset:

x:

0.00cm

y:

0.00cm

☐ Wrap text

☐ Text on both sides

Direction:

ABC

ABC

ABC

Text

Font	<p>The font for the tab text.</p>
Size	<p>The font size for the tab text.</p>
<div><div></div>Color</div>	<p>The color of the tab text.</p>

Text attributes - text



Bold

Bolds the tab text.



Italic

Makes the tab text italic.



Underline

Underlines the tab text.

Alignment

The alignment of the tab, according to the orientation of the tab. The orientation that you select determines the alignment buttons that are displayed.

- **Align Left Portrait**
- **Align Center Portrait**
- **Align Right Portrait**
- **Align Left Landscape**
- **Align Center Landscape**
- **Align Right Landscape**

Offset

The value that adjusts the offset of text on the tab. The **x** value moves the text horizontally. The **y** value moves the text vertically.

Wrap text

Automatically wraps the text onto the following line when the entire text does not fit on one line.




Text on both sides

The same text appears on both sides of the tab.

Text attributes - text

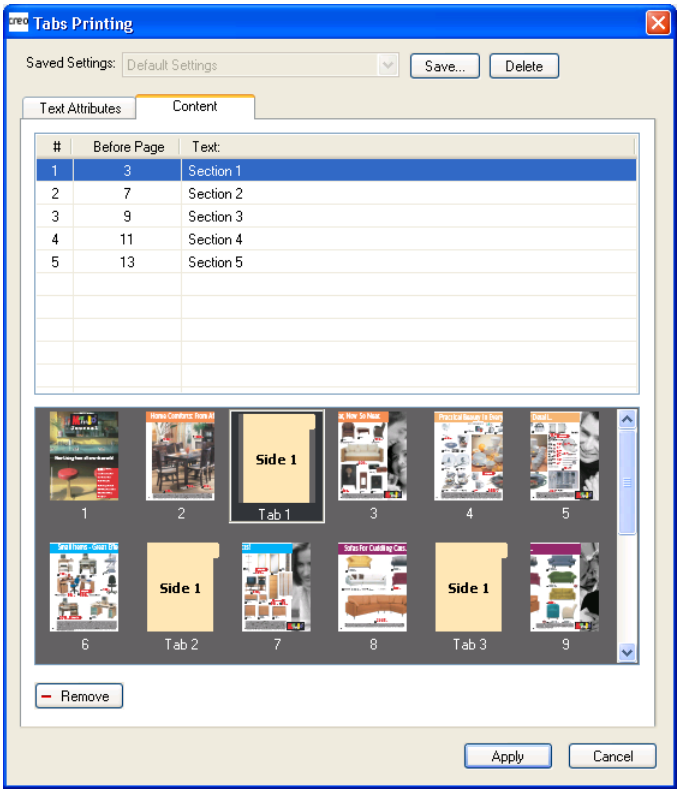
Direction

Direction of the text.

-  Vertical
-  Counter-clockwise
-  Clockwise

Note: The **Direction** options are available only for portrait jobs.

Content



#	The tab number.
Before Page	The page number that the tab precedes.
Text	The text that appears on the tab.
Thumbnails area	A thumbnail view of the job with page numbers and tabs indicated.
Remove	Removes the selected page or tab.

Settings

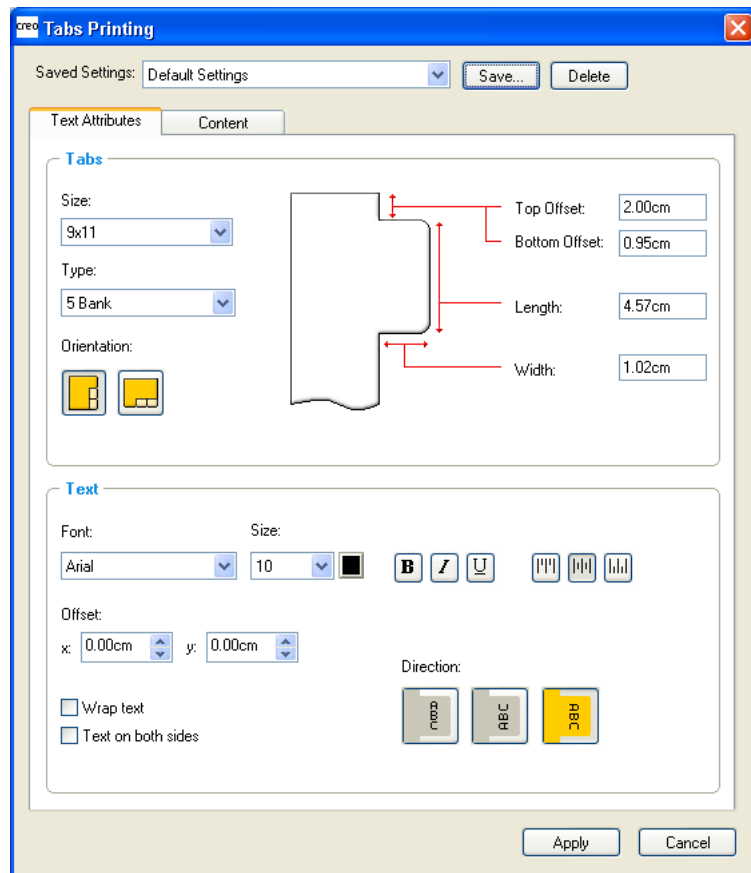
PDF Tabs Printing

Saved Settings: Default Settings Save... Delete

Saved Settings	Lists the saved settings files.
Save	Saves the currently selected settings in a file. This settings file can be applied to other PDF or <i>PostScript</i> files.
Delete	Deletes the selected settings file.

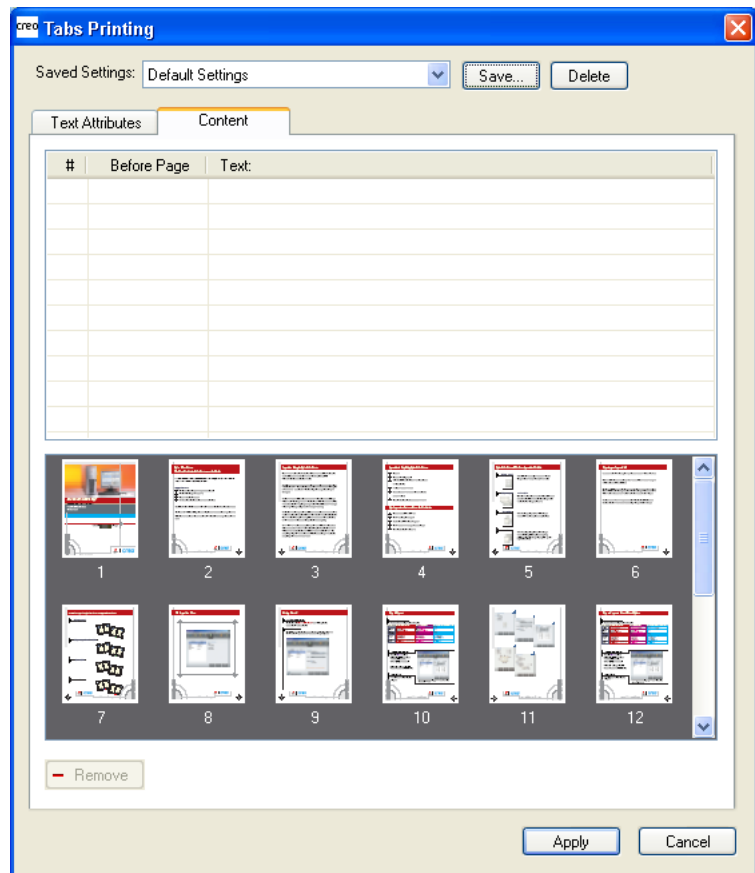
Creating tabs

- Requirements:
- You can only create tabs in a **PDF** or *PostScript* file.
1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.
The job opens in *Acrobat* software.
 2. From the **Plug-Ins** menu, select **Tabs Printing**.
The Tabs Printing window opens, displaying the **Text Attributes** tab.



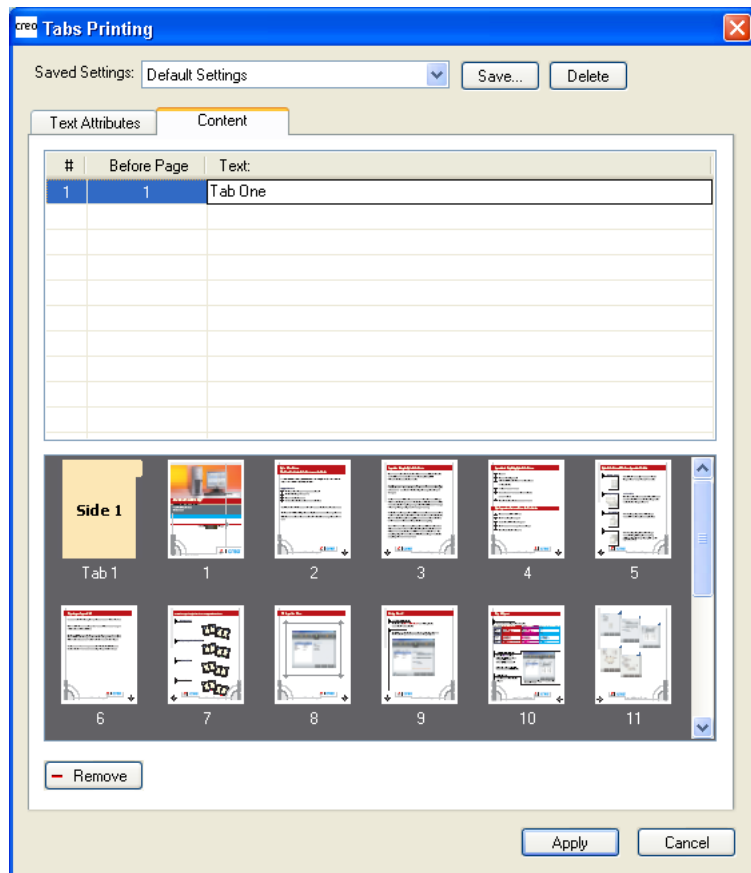
3. In the **Tabs** area, set the tab attributes.
4. (Optional) In the **Text** area, set the attributes of the text on the tabs.

5. Click the **Content** tab.



6. In the **Before page** column, click the first cell and type the number of the page that you want the tab to precede.
7. In the **Text** column, type the text for the tab.

The tab appears in the thumbnail area.



8. To add more tabs, repeat steps 6 and 7.
9. Click **Apply** to apply the tab settings to your document.
The Tabs Printing window closes, and the tabs that you added become part of the document.
10. From the *Acrobat* **File** menu, select **Save**, and then close *Acrobat*.
11. In the CX print server software, right-click the job that contains the tabs, and select **Job Parameters**.
12. Under **Print**, select **Paper Stock**.
13. Select the **Mixed page size document** check box.
14. Process and print the job.

Managing tabs

Changing the location of a tab

1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.

The job opens in *Acrobat* software.

2. From the **Plug-Ins** menu, select **Tabs Printing**.
The Tabs Printing window opens, displaying the **Text Attributes** tab.
3. Click the **Content** tab.
4. In the thumbnail area, click the tab that you want to move, and drag it to the desired location.

The tab moves to the selected location and the tab numbers are updated accordingly.

Replacing a page with a tab

1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.

The job opens in *Acrobat* software.

2. From the **Plug-Ins** menu, select **Tabs Printing**.
The Tabs Printing window opens, displaying the **Text Attributes** tab.
3. Click the **Content** tab.
4. In the thumbnail area, right-click the page that you want to replace with a tab, and select **Replace with tab page**.
5. In the table, type the tab text.

The page is deleted from the document, and replaced with a tab page.

Inserting a tab before or after a specific page

1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.

The job opens in *Acrobat* software.

2. From the **Plug-Ins** menu, select **Tabs Printing**.
The Tabs Printing window opens, displaying the **Text Attributes** tab.
3. Click the **Content** tab.
4. In the thumbnail area, right-click the page and select **Insert tab before page** or **Insert tab after page**.

Removing a page or tab from the file

1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.
The job opens in *Acrobat* software.
2. From the **Plug-Ins** menu, select **Tabs Printing**.
The Tabs Printing window opens, displaying the **Text Attributes** tab.
3. Click the **Content** tab.
4. In the thumbnail area, right-click the page or tab that you want to remove, and select **Remove**.

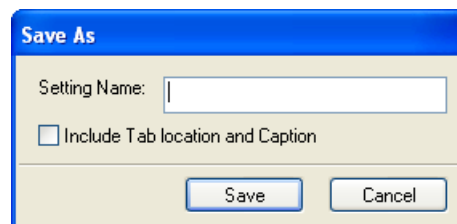
Saving the tab settings

Requirements:

You have created tabs in a **PDF** or *PostScript* file.

After creating tabs in your file, you can save the tab text attribute settings and the tab locations and captions (text on the tab).

1. In the upper part of the **Tabs Printing** window, click **Save**.



2. In the **Setting Name** box, type a name for the tab settings.
3. Select the **Include Tab location and Caption** check box to save the locations and text of the tabs that you created.
4. Click **Save**.

Applying saved settings to a file

Requirements:

You must have tab settings that you previously saved.

1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.

The job opens in *Acrobat* software.

2. From the **Plug-Ins** menu, select **Tabs Printing**.

The Tabs Printing window opens, displaying the **Text Attributes** tab.

3. In the **Saved Settings** list, select the desired settings filename.

The settings are applied to your file.

Note: You can modify any of the settings.

Deleting saved tab settings

1. In the Storage window, right-click your unprocessed job, and select **Job Preview&Editor**.

The job opens in *Acrobat* software.

2. From the **Plug-Ins** menu, select **Tabs Printing**.

The Tabs Printing window opens, displaying the **Text Attributes** tab.

3. From the **Saved Settings** list, select the desired saved settings.
4. Click **Delete**.

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Variable Data Printing jobs

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Variable Data Printing jobs

Variable data printing (VDP) jobs are jobs in which the printed materials are individualized for specific recipients or purposes. These materials can include bills, targeted advertising, and direct mailings.

VDP jobs are composed of booklets, which are personalized copies of a document. A booklet can consist of one or several pages, but the entire document is targeted at a specific individual or address. For example, a booklet can be either a single-page gas bill or a multi-page personalized document.

Each page in the booklet is constructed as a collection of individually Ripped elements that may differ from booklet to booklet, including text, graphics, pictures and page backgrounds. These elements are self-contained graphical entities that may be line art, text, Ripped images, or a combination of these. There are two types of elements in VDP jobs:

- Unique elements are used only once for a specific individual or purpose. An individual's name is an example of a unique element.
- Reusable VDP elements can be used more than once in different pages, booklets, or jobs. A company logo is an example of a reusable element.

Pages are assembled from the pre-Ripped reusable elements and the Ripped unique elements just before printing. Then the job is printed in the same way as all other jobs.

VPS File Format

VPS file format is the formal language developed for Creo color servers. It was designed for the effective production of Variable data printing (VDP) documents.

VPS file format is comprehensive and can specify a complete range of VDP documents. It also provides the means for efficient implementation—fast and efficient data processing, and storage prior to printing.

A VPS job consists of the following components:

- | | |
|---------|---|
| Booklet | A personalized copy of a document within a single print run where pages and/or elements within a page may vary from booklet to booklet. |
| Sub-job | All copies of a particular document—for example, book, brochure, or flyer—within a single print run. On the CX print server, sub-jobs can be deleted, archived, or reprinted at any time. However, you can still maintain reusable elements for |

future runs. Reusable elements are cached elsewhere, so only the unique data, which is embedded in the job, is deleted.

Reusable Elements Self-contained graphical entities that can be line art, text, raster images or a combination of these types. Reusable elements are represented in *PostScript* and can be stored as EPS files when appropriate. Reusable elements include clipping and scaling instructions as well as the image data.

Reusable elements can be used repeatedly in different pages, booklets, and jobs. On the CX print server, all reusable elements are processed once and cached as elements for further use. They can then be reused either within the sub-job itself, or in additional runs of sub-jobs.

Note: Grayscale TIFF and EPS images that are created in CMYK applications (such as PhotoShop) are counted correctly as **B&W** instead of **Color** in both the CX print server and the bizhub PRO C6500 printer billing meters.

Inline Elements Unique information is drawn from a database and is embedded in the sub-job. This data prints only once for individual booklets.

Managing VDP elements

Selecting to Cache Global VDP Elements

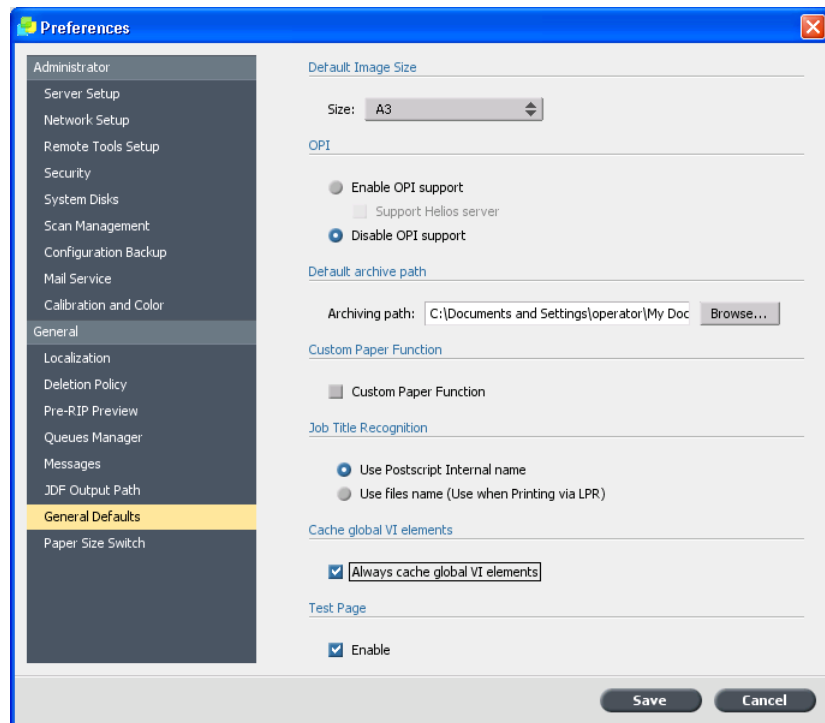
Note: This feature is only available with the Advanced Productivity package.

In order to manage your VDP elements, you need to make sure that you select to cache your global VDP elements.

1. From the **File** menu, select **Preferences**.

The Preferences window appears.

2. Select **General Defaults**.



3. Under **Cache global VDP elements**, make sure the **Always cache global VDP elements** check box is selected.
4. Click **Save**.

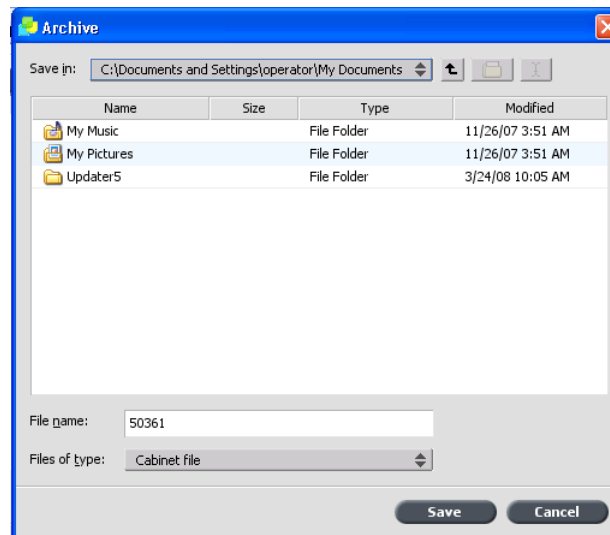
Archiving VDP elements

If you have finished printing a large VDP job and you know that you will need to reprint it in the future, you should archive the VDP elements and retrieve them when needed. You can archive your VDP job folder in a location that you specify.

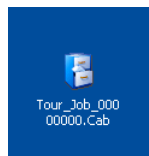
Note: This feature is only available with the Advanced Productivity package.

1. From the **Tools** menu, select **Resource Center**.
2. In the **Resource** list, select **Cached VDP Elements**.

3. Select the VDP folder in which to archive, and then click **Archive**.



4. In the Archive dialog box, select the location where you want to archive your VDP elements.
5. Click **Save**.
The VDP elements are saved as cabinet files. They have a **"*.Cab"** extension.



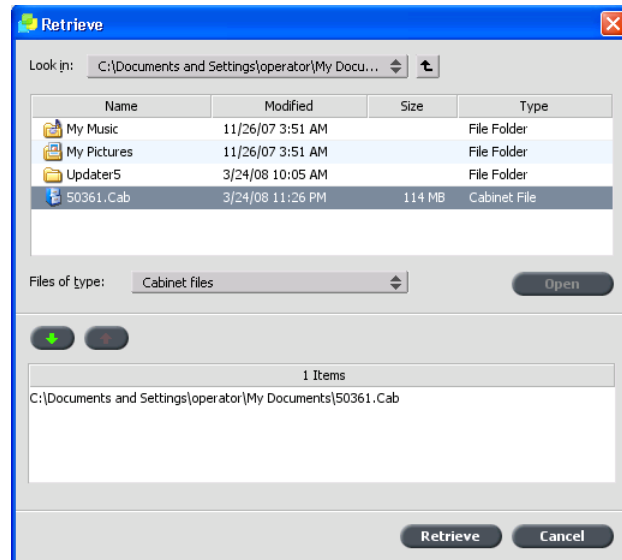
Retrieving VDP elements


Note: This feature is only available with the Advanced Productivity package.

When you need to reprint your job, you can retrieve your archived VDP elements.

1. From the **File** menu, select **Retrieve from archive**.
The Retrieve window appears.

2. Locate the folder in which your VDP elements are archived.



3. Select the desired file and then click the **add** button 

Note: Use SHIFT or CTRL to select several files or CTRL +A to select all the files.

4. Click **Retrieve**.
The CX print server retrieves the archived VDP elements and displays them at the end of the file list in the Cached VDP elements dialog box.

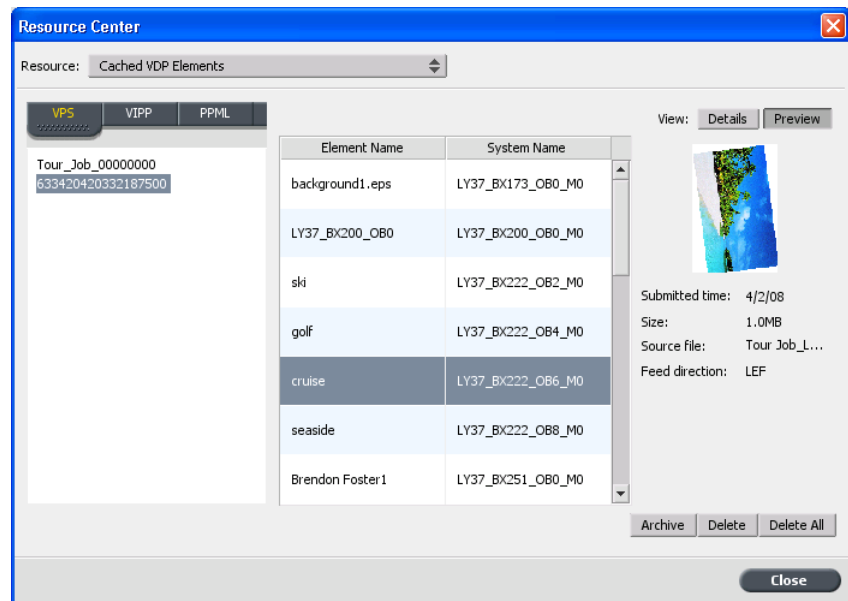
Deleting VDP elements

Delete your cached VDP elements when no longer needed.

Note: This feature is only available with the Advanced Productivity package.

VDP elements that are no longer in use take up valuable disk space on the CX print server. To free up disk space, you can delete the VDP elements you no longer need.

1. From the **Tools** menu, select **Resource Center**.
2. In the **Resource** list, select **Cached VDP Elements**.
In the **Cached VDP Elements** area, your VDP job is listed on the left-hand side. On the right-hand side, you can see all the VDP elements that are associated with your job. In addition, a thumbnail viewer enables you to visually check the elements.



3. Select the element that you want to delete, and then click **Delete**.

Note: Click **Delete All** to delete the entire folder.

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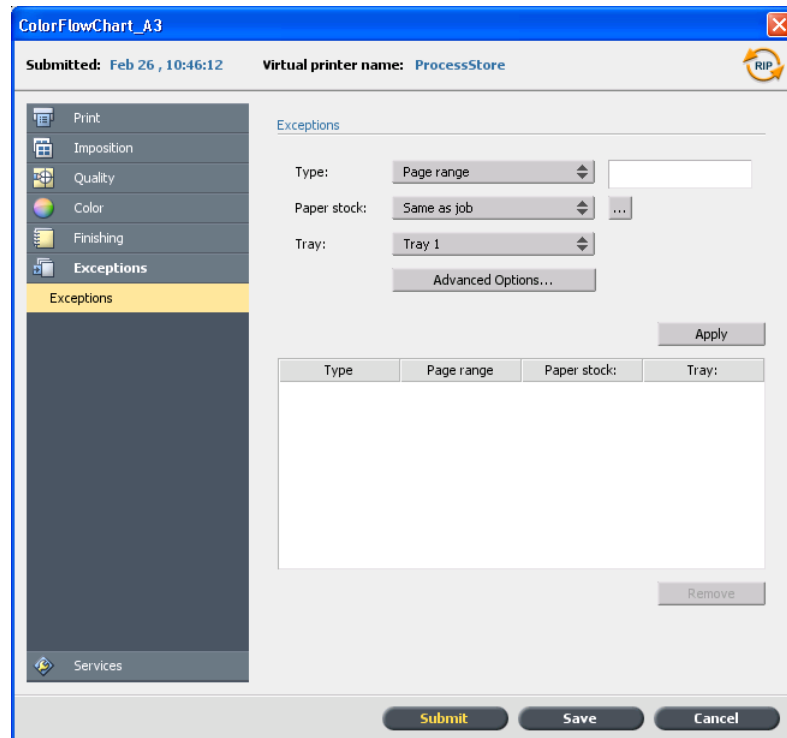
Print with exceptions

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Adding exceptions to your job

Exceptions are used when you want to use different media types for special exceptions within a job, or add inserts (interleaves).

1. Open the Job Parameters window of your job.
2. Click **Exceptions**.



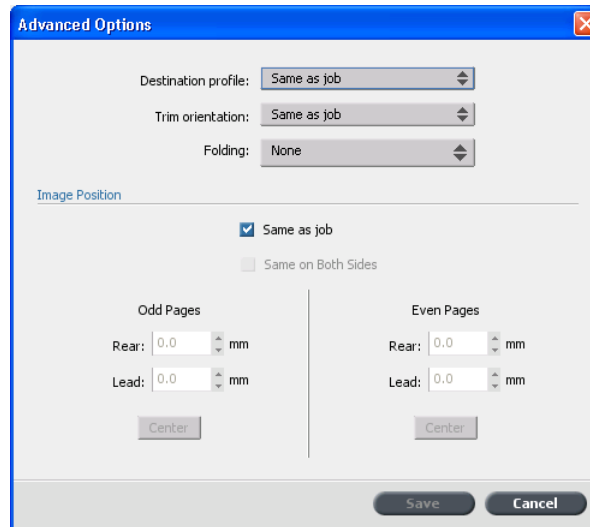
3. In the **Type** list, select the pages in your job in which the media type will be different.
4. Depending on the option you selected in the **Type** list, perform one of the following steps:

- For **Page range**, type the page range in the box.
- For **Front cover** or **Back cover**, select the **Duplex** check box to print the first two (or last two) pages of the job as the cover page (back cover).

Note: If the imposition type is **Saddle Stitch**, select **Cover** to print both a front and back cover page on a different media type. Select **Middle** sheet to print the internal sheets on a different media type.

- For **Inserts**, select **Before** or **After** and type the page number that will precede or follow the insert. Then, in the **Quantity** box, type the total number of inserts you want to add.

5. In the **Paper Stock** list, select the media type.
6. In the **Tray** list, select the tray in which the specified media type is loaded.
7. Click **Advanced Options**.



8. In the **Destination profile** list, select a destination profile.
9. In the **Trim orientation** list, select the trim orientation for the Z-fold pages.
10. If you have a Light Production finisher connected and you want a Z-fold in your job, from the **Folding** list, select Z-fold.
11. Under **Image Position**, do one of the following:
 - To have the image position be the same as the rest of the job, make sure the **Same as job** check box is selected.
 - To shift the image on the second side of the sheet according to the image shift on the first side of the sheet, select the **Same on Both Sides** check box.
12. Click **Save**.
13. Click **Apply**.
14. Click **Save** or **Submit**.

Deleting exceptions from your job

1. Open the Job Parameters window of your job.
2. Click **Exceptions**.
3. Select the exception that you want to delete.

4. Click **Remove**.

Dynamic page exceptions and setpagedevice commands

Note: This feature is only available with the Advanced Productivity package.

A setpagedevice command is a standard PostScript command that is embedded in a file and enables you to print a complex job that contains paper of varying size, coating, weight, and so forth. Such commands indicate that the printer must switch media during the printing of a job. When a job is RIPPed that specifies different paper types are embedded into the incoming files and enable you to print complex jobs of varying paper size, stocks, and paperweight. When a job is RIPPed, the CX print server identifies the setpagedevice commands and maps them to the selected types of paper. The printer then uses those types of paper for the job.

Page exceptions and inserts that include setpagedevice commands are called dynamic page exceptions. The CX print server supports dynamic page exceptions for the following file formats:

- PostScript
- VPS
- VIPP
- PDF

Printing dynamic page exceptions

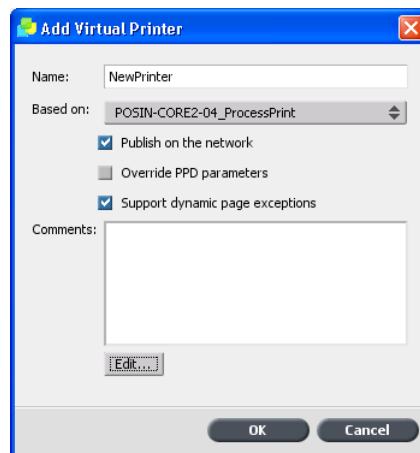
Requirements:

A file with embedded setpagedevice commands.

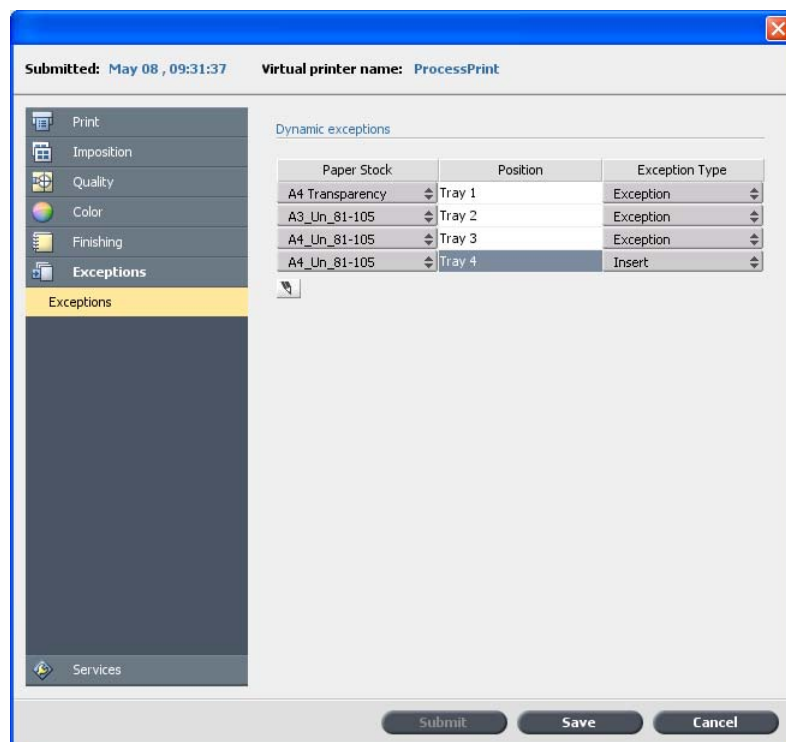
Note: This feature is only available with the Advanced Productivity package.

1. From the **Tools** menu, select **Resource Center**.
2. In the **Resource** list, select **Paper Stocks** and create the paper stock you need to print your file.

3. Create a new virtual printer, and select the **Support dynamic page exceptions** check box.



4. Click **Edit** to open the Job Parameters window.
5. Under **Exceptions**, select the paper stock for each exception or insert.



6. Import the file to the CX print server via the dedicated virtual printer, and submit the job.

Note: If the virtual printer is based on either a ProcessStore or SpoolStore virtual printer, you can perform a preflight check before the job is printed.

The job is RIPPed, and the setpagedevice commands are identified and mapped to the selected types of paper.

Important:

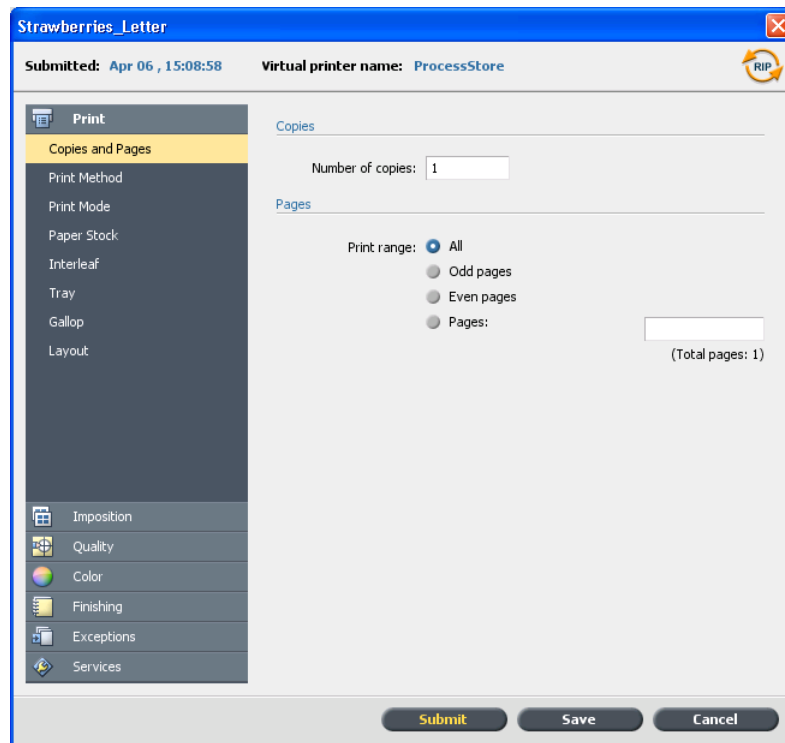
- Virtual printers that support dynamic page exceptions do not support regular page exceptions and imposition.
- A virtual printer that is dedicated to dynamic page exceptions can print only jobs with dynamic page exceptions. Do not print other types of jobs via that virtual printer.

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Job parameters

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Print tab in the Job Parameters window



Copies and Pages

Number of copies

The number of copies that you want to print.

Print Range

Provides the following options:

- All
- Odd pages
- Even pages
- Pages

For VI jobs, the **Pages** option changes to **Booklets**. For imposed jobs, instead of typing the desired pages, type the desired number of imposed sheets.

You can select specific pages, booklets, or page ranges, specify the pages or booklets to be printed as follows:

Copies and Pages

- Type one or several numbers separated by commas and no spaces—for example, **1,3,5**.
- Type a range of pages or booklets with a hyphen between the starting and ending numbers in the range—for example, **1-5**.

Print Method

Simplex

For single-sided printing.

Duplex head to head

For printing book-style hard copies (usually used with portrait jobs).

Duplex head to toe

For calendar-style hard copies (usually used with landscape jobs).

Manual duplex

Allows you to print your job on one side, and then manually flip the paper in the paper tray, to print on the other side. A wizard instructs you how and when to flip the paper.

When you select a paper stock of 220 gm or heavier, and duplex printing, the **Manual duplex** parameter is automatically selected.

Print Mode

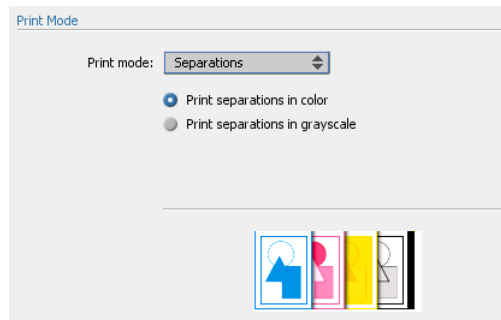
Note: This feature is only available with the Advanced Color Tools package.

Composite

(default setting) Prints the job without separations. Each page of the job is printed once.

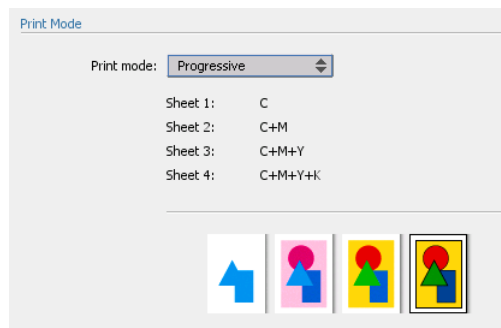
Print Mode

Separations



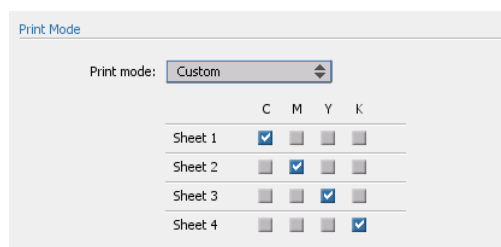
Prints the job with color or grayscale separations. If you select color separations, each page in the job is printed separately in four colors: cyan, magenta, yellow, and black. If you select grayscale, each page in the job is printed separately four times in different shades of grayscale (K).

Progressive



Prints each page of the job four times in progressive color separations.

Custom



Enables you to select the separations that you want to print for each sheet for each page of the job.

Paper Stock

Paper Stock

Select the desired paper stock. If you select Undefined, you can set the desired parameters in the **Paper size**, **Media type**, and **Media weight** lists.

Paper Size

The paper size that you want to use. For custom paper sizes, you need to specify the required width and height.

Note: The units of measurement (mm or inches) are selected in the **Localization** tab in the Preferences window.

Media type

The media type that you want to use. When the default setting, **Use Printer defaults** is selected, your job is printed on the media type that is defined on the printer.

Note: If the selected media type is unavailable, the current job is held until the appropriate set is available (the job receives an **on hold** status indicator, and a message appears in the Message Viewer window). Other jobs can print while jobs are held.

Gloss enhanced

Gives a glossy look to your printed output.

Media Weight

The media weight that you want to use. When the default setting, **Use Printer defaults** is selected, your job is printed on the paper weight that is defined on the printer.

Mixed page size document

Enables you to print a job that has more than one paper size.

Interleaf

Add interleaf

Inserts a blank page between transparencies.

Notes:

Interleaf

- Slip-sheets and/or blank pages (interleave) in a transparency job are counted by the number of sheets, not by the number of pages, (rastered pages) reported on the Admin page.
- If the job is imposed, the interleave is the size of the imposition sheet and is inserted between each sheet.

Paper stock

Select the desired paper stock.

Tray

The specific stock that you want to use is loaded in this tray.

Note: The Auto tray option uses the paper in the selected tray only if it complies with all the other paper stock parameters. If the paper stock in the assigned tray doesn't match all of the job's parameters, the job is held.

Tray

Tray 1, Tray 2, Tray 3

The specific stock that you want to use is loaded in this tray. Tray 5, Tray 6, and Tray 7 are optional trays.

Note: The available trays reflect the trays that are currently installed on your Xerox 700 digital color press.

Auto

The printer will use any tray with the specified stock.

Note: The Auto tray option uses the paper in the selected tray only if it complies with all the other paper stock parameters. If the paper stock in the assigned tray doesn't match all of the job's parameters, the job is held.

Gallop

Print after

Gallop enables you to begin printing a defined number of pages before the entire job has been RIPed.

Pages

The number of pages that you want the system to RIP before printing starts.

Layout

Page Orientation

The orientation in which your job prints.

Scaling

The following options are available:

Manual 100% Prints the original image size (default).

Manual custom Proportionally increases or decreases the image size according to the percentage that you enter.

Fit to output sheet size Fits the image to the selected paper size.

Note: You can also use the **Fit to output sheet size** option to scale the layout for imposed jobs.

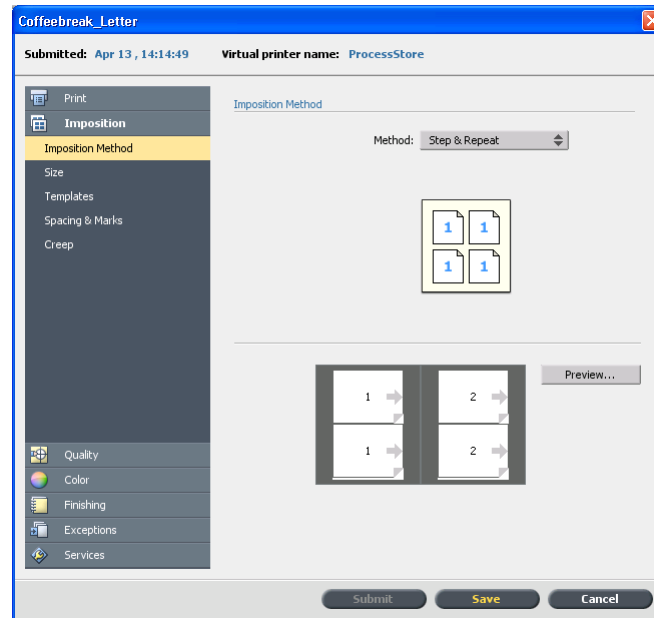
Rotate 180

Rotates your job by 180°.

Mirror

Flips an image—for example, when printing on transfer paper for t-shirt production.

Imposition tab in the Job Parameters window



Imposition Method

None

The default option. Imposition parameters are not available and the thumbnail viewer does not display an image.

Step & Repeat

Prints multiple copies of the same image so it fills up a larger sheet. This method is used mainly for printing business cards.

Step & Continue

Prints different pages of a job on one sheet according to the selected layout, so that the sheet is filled to capacity.

Cut & Stack

Prints, cuts, stacks, and bounds step & repeat jobs in the most efficient manner, while preserving the original sorting. A job's pages, booklets, or books are sorted in a Z-shape. In other words, each stack of pages is sorted in consecutive order. When stacks are piled one on top of another, the entire job is already sorted up or down.

For information about CX print server 1.5 features, see the Release Notes on page 313.

Imposition Method

Saddle Stitch

A book-finishing technique where the pages of a book are attached through stitching or stapling in the spine fold—for example, brochures.

Perfect Bound

A book-finishing technique where the pages of a book are attached through trimming of the spine fold, roughening the edges of the gathered pages, and gluing them together—for example, hardcover books.

Preview

Enables you to view your imposition layout and settings. You can open the Preview window at any time and keep it open to check your imposition settings as you select them. The Preview window dynamically reflects any changes that you make.

Size

Trim size

The size of the finished, trimmed document. For custom trim sizes, you need to specify the required width and height.

Tip: You can adjust your page size by adjusting the trim size. If you set the trim size to be smaller than the page size set in the DTP application, some of the data is cropped. Setting a larger trim size results in a larger border on the printed page.

Trim orientation

Note: This option is view only.

The orientation, portrait or landscape, for the trim size that you selected.

If the wrong orientation is selected, an unsuitable template might be selected and the job might be cropped as a result.

Templates

Layout

The following options are available:

- Best Fit Automatically calculates the most suitable number of columns and rows.
- Custom For custom layouts, you need to specify the required columns and rows.
 - Columns The number of pages to place horizontally.
 - Rows The number of pages to place vertically.

Print method

The desired layout.

- Simplex
- Duplex HTH
- Duplex HTT

Binding selection

This option is only available if the imposition method is either **Saddle stitch** or **Perfect bound**, and the template is 2x1, 2x2, or 4x2.

North south

Use this option when a step and repeat 2x1 or 1x2 template is selected. The pages will be placed 180 degrees from each other, on the same side of the imposed sheet.

Rotate 90 deg

Rotates all pages 90 degrees to the right. This rotation can help correct imposition conflicts.

Spacing & Marks

Marks

Crop marks

Prints the lines that indicate where the sheet should be cropped.

The **Both Sides** check box prints crop marks on both sides of the page.

Notes:

- If you want to use crop marks incorporated in the DTP application, make sure that enough space is left around your page in the *PostScript* file so that the page prints with crop marks.
- If your job already includes crop marks incorporated in the DTP application, you do not need to add crop marks here. If you do add crop marks, both sets of crop marks can be printed.

Fold marks

Prints the lines that indicate where the sheet should be folded.

Crop & fold marks

Prints the lines that indicate where the sheet should be both cropped and folded.

Bleed

The value that you enter depends on the paper size and imposition method that you choose.

Bleed:

- Extends part or all of the printed image beyond the trimming boundary
- Ensures that an inaccurate trim setting will not leave an undesired white space at the edge of the page
- Produces sharp page boundaries with color that extends all the way to the edge of the page

Notes:

Spacing & Marks

- You cannot extend the bleed size beyond the sheet fold lines. Bleed does not affect the position of crop.
- Bleed must be defined in your DTP application in order for the CX print server to be able to apply bleed options.

Margins

The value entered adjusts the spaces between the outside edges of pages and the edges of the sheet on which they are printed.

Notes:

- Margin settings should suit finishing equipment and requirements.
- Confirm binding parameters with your binder when planning your sheet.

Gutter

The value that you enter depends on the paper size and imposition method that you choose.

The gutter size is the space between pairs of pages (according to the trim size) on a sheet. When the pages are folded into a booklet, the gutter allows space for trimming.

Spine

The value that you enter depends on the paper size and imposition method that you choose.

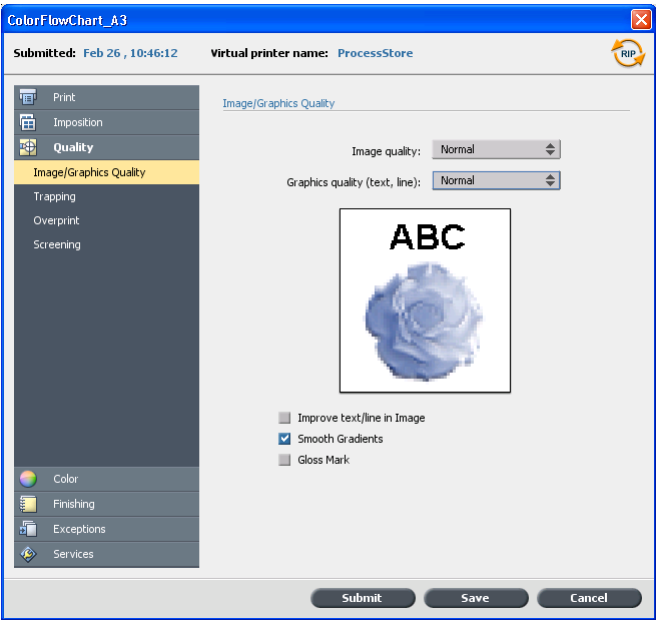
Creep

Creep in

Auto	Automatically sets a value based on media weight.
Custom	A custom value.

Creep	
Creep out	The value that you enter depends on the paper size and imposition method that you choose.

Quality tab in the Job Parameters window



Image/Graphics Quality	
Image quality	<p>The High option improves the quality of images in a job.</p> <p>Image quality refers to the ability to maintain the same detail and smoothness with different degrees of enlargement. This feature is especially useful when your <i>PostScript</i> file includes several images a different qualities—for example, images that were scanned at different resolutions, were rotated, or downloaded from the Internet.</p>

Image/Graphics Quality

Graphics quality (text, Line)

The **High** option improves the quality of text and lines in a job.

Note: It is recommended that you use this option only if your source file includes diagonal lines or text with jaggies.

The **Graphics quality (Text, Line)** option refers to the Creo anti-aliasing algorithm for text quality. This option causes blends to appear smooth with no banding, and displays crisp diagonal lines without (or with minimal) jaggies (rough edges) that are the result of the limited resolution of the print engine.

Improve Text/Line in Image

Significantly improves image quality in cases where high-res data may be reduced in quality during RIP.

In some cases, images in the PDL file contain data that belong to the LW layer, such as screen captures and hi-res rasterized text. During RIP these images are rendered to the CT layer—300 DPI and JPEG compression. The **Improve Text/Line in Image** option recognizes these images and renders them into the CT layer, improving image quality.

Smooth Gradients

Improves the appearance of gradient backgrounds or fine shade changes in the printed image.

Gloss Mark

Xerox printing technology that enables you to print hologram like images in ordinary prints. This technology uses a single pass method for printing both a background image and a gloss mark image on the same paper.

Gloss mark images can be seen as a separate image when the print is viewed at a slightly different angle.

Trapping

Enable Trapping

Applies trapping to your job.

Trapping is a solution that solves misregistration between color separations in both offset and digital printing. This occurs no matter the accuracy of the printing device, and results in white lines around objects on top of a background (in a knock-out procedure) and also between adjacent colors.

Note: If you don't select this option, it does not affect trapping incorporated by DTP applications—for example, Photoshop®. FAF should not be used with application-based trapping. In a *PostScript* file that already contains trapping from the originating application, it is not necessary to use CX print server trapping.

Frame
thickness

The desired value for the thickness of the trapping frame. The thicker the frame, the less chance that white areas appear between images.

Protect small text

Text that is smaller or equal to 12 pt. is protected and not framed when the FAF algorithm is applied. You can use this option for small or complex images, since thicker frames can decrease quality by hiding parts of an image.

Overprint

Black overprint

Ensures that black text prints cleanly within a tint or picture area. The text appears in a richer, deeper black, with the underlying CMY values equal to those of the printed background.

PS overprint

Uses the overprint information that exists in the *PostScript* file. This parameter also determines whether the DTP application *PostScript* overprint settings are honored in the RIP.

Screening

Screening converts Continuous-Tone (CT) and Line-Work (LW) images into information (halftone dots) that can be printed. The human eye smooths out this information, which seems visually consistent with the original picture. Thus, the more lines per inch, the more natural the image appears. Screening is achieved by printing dots in numerous shapes or lines in an evenly spaced pattern. The distance between the screen dots or lines is fixed and determines the quality of the image. Using screening, printers can work with even amounts of toner and still produce a wide range of colors when you use screening. The darker the color, the larger the dot, or the thicker the line. In this manner, screens give the appearance of different toner quantities printed in a certain area.

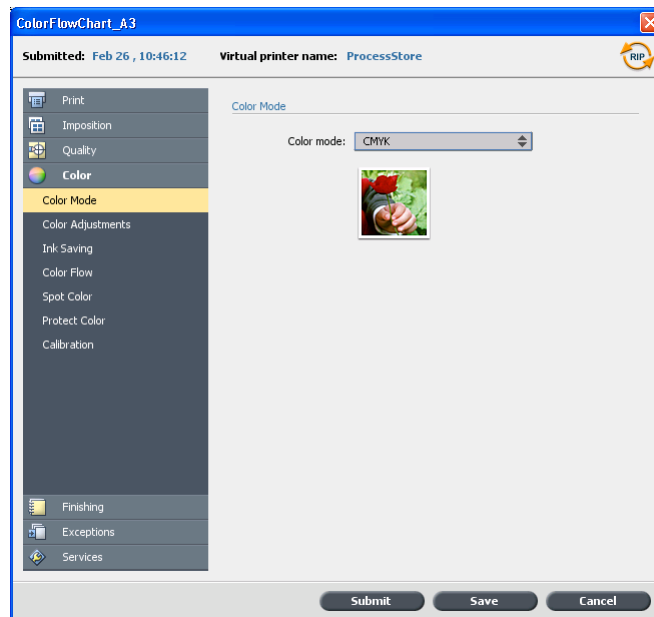
Dot

Used for CT images.

Line

Used for LW images.

Color tab in the Job Parameters window



Color Mode

CMYK

Prints the job in color using CMYK.

Gray Scale

Prints the job as black and white using black (K) toner only. The cyan (C), magenta (M), and yellow (Y) separations are also printed in black (K) toner, giving a dense appearance similar to the CMYK grayscale image.

Note: Grayscale images created in RGB applications, such as PowerPoint, should be specified as Monochrome or submitted to the system with **Grayscale** selected in the PPD file. This selection ensures that grayscale images are counted as black and white instead of color in both the CX print server and in the printer billing meters.

Color Adjustments

Brightness

The brightness level for the print job. The range starts from **Lightest**, which applies -15%, to **Darkest**, which applies +15.

Brightness is generally used to make last-minute adjustments to the print job after proofing. By changing the **Brightness** setting, you can control how light or dark your output will appear.

Contrast

The contrast level for the print job. The range starts from **Less**, which applies -10%, to **More**, which applies +10%.

Contrast is generally used to make last-minute adjustments to the print job after proofing. By adjusting the **Contrast** setting, you can control the difference between the light tones and the dark tones in your image.

Gradation

The following options are available:

None

The printer applies maximum dry ink coverage. This is the default setting.

Color Adjustments

Cool	Blue tones appear clearer.
Lively	Increases the color saturation.
Saturated	Increases the strength (chroma or purity).
Sharp	Increases the contrast.
Warm	Sets the hues in the low densities to a bright reddish color.

The **Gradation** parameter contains a list of gradation tables that were created in the CX print server Gradation Tool window. Each gradation table contains specific settings for brightness, contrast, and color balance.

When you select your predefined gradation table, your job is adjusted according to the specific table's settings.

Ink Saving

GCR

Conserves toner by replacing the gray component (CMY) of pixels with black toner.

Selecting **None** gives you smoother image quality, and it is more expensive. Selecting **High**, gives you less smooth image quality (adds black into flesh tones), and it is cheaper.

The gray component replacement also prevents the consequences of excessive toner buildup, such as flaking and cracking, or the "curling" effect that may occur when printing transparencies.

While the gray component of each color is replaced by black, there is no change in the color quality of the printed image.

Ink Saving

Print grays using black toner

Prints RGB gray text and graphics with black toner only. This makes the blacks richer and darker.

Color Flow

CMYK source profile

The desired CMYK source profile.

CMYK rendering intent

The desired CMYK rendering intent.

For emulation profiles, the following options are available:

Emulate source paper tint

Emulates the original paper tint if it is included in the profile.

Notes:

- You cannot select **Preserve pure CMY colors** when selecting **Emulate source paper tint**.
- If the job is simplex, only the front side will be printed using the tint emulation.
- When the check box is selected, **Absolute Colorimetric** will be used as the rendering method.

Apply CMYK profile

Applies the desired CMYK profile.

RGB source profile

The desired RGB source profile.

RGB rendering intent

The desired RGB rendering intent.

Destination profile

The following options are available:

Color Flow

Linked Uses the destination profile that was mapped to a paper color in the Profile Manager.

SpireDC700 A predefined profile.

Spot Color

Spot Dictionary

Uses the CMYK values from the spot color dictionary.

Original file values

Uses the CMYK values from the file.

Destination Profile

Uses the destination profile selected under **Color > Color Flow**, and applies it to the equivalent spot CMYK values.

Protect Color

Note: If you protect RGB, gray or CMYK colors, all colors with that specific combination found in the job will be protected. For example, a specific color combination used in a logo may align with a color used in an image in the job. The spot transformation affects the image color as well as that of the logo, sometimes to undesired results.

CMYK

Preserve pure CMY colors Preserves pure cyan, magenta, and yellow during transformation.

Preserve black color Preserves pure black during transformation.

Protect Color

Use protected CMYK values Retains CMYK colors as defined.

RGB

Use protected RGB values Retains RGB colors as defined.

Device gray

Use protect gray values Retains gray colors as defined.

Calibration

Linked

Uses the calibration table that was created for the media type, paper weight, and screening method selected for your job.

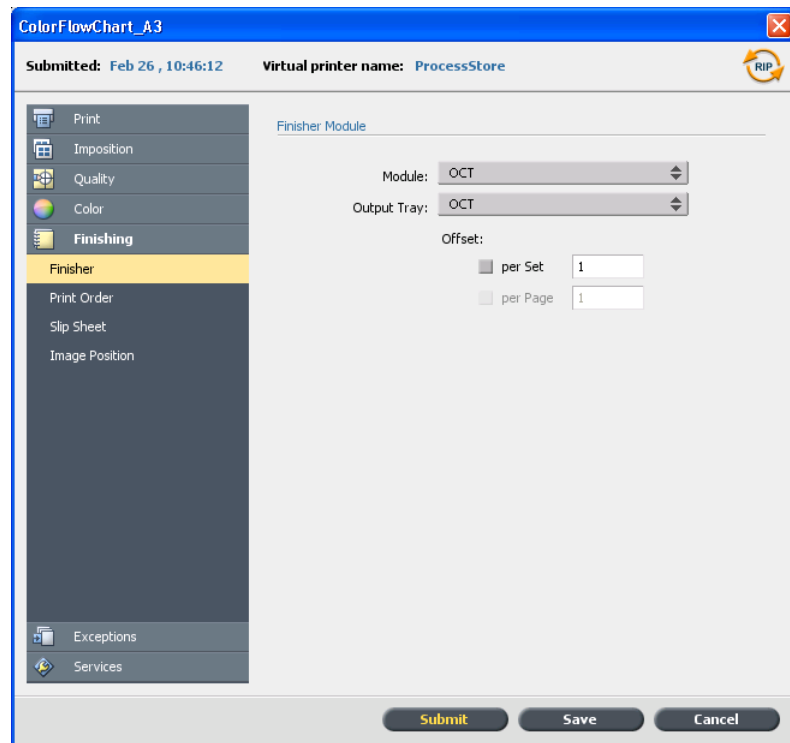
Normal

This is a default table and cannot be edited. If a calibration table has not been created for the media type, weight, and screening method that you are using, the **Normal** calibration table is used when you process and print your job.

None

This is a default option and cannot be edited. Jobs that have this option selected are processed and printed without using a calibration table.

Finishing tab in the Job Parameters window



Finisher

Module

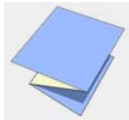
OCT	Offset catch tray
Advanced	C Finisher
Professional	C Finisher with Booklet Maker tray
Light Production	Light Production C Finisher
HCS	High capacity stacker tray

Output Tray

The exit tray for your printed output.

Top Tray
Stacker
Booklet Maker Tray

For information about the Square Fold Trimmer and GBC Punch, see the Release Notes on page 331 and 332.

Finisher		
Tri-Fold Output Tray		
Output Tray finishing options	Note: The Module option and Output Tray that you select determines which methods are available.	
	Offset	
	per Set	Offsets the number of sets that you enter.
	per Page	Offsets the number of pages that you enter.
	Stapler	Staples the printed job.
	Position	The desired position of the staple.
	Note: When sending jobs to the Booklet Maker Tray , you cannot select the position.	
Puncher	Punches holes in the printed job.	
	Type	The number of holes that you want punched.
Z Fold Half Sheet	Folds a sheet of paper in half, in a z-shape—for example, if you need to insert an A3-size sheet into an A4-size job.	
		

Finisher

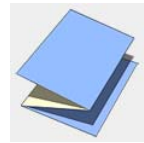
C Fold

Folds a sheet into a c-shape.



Z Fold

Folds a sheet into a z-shape.



Print Order

Collated

Prints a complete copy of the job before the first page of the next copy is printed.

Reverse print order

Sets the print order from back to front.

Face up

Delivers the job face up.

Face down

Delivers the job face down.

Slip Sheets

Slip sheet between copies

Prints slip sheets with your job.

If a job is collated, the slip sheets print between sets. If a job is not collated, the slip sheets print between groups.

Slip Sheets

Paper stock	The media type used for the slip sheet
Tray	The tray in which the specified media type is loaded.
Frequency	The number of slip sheets that you want to print. The default is 1; a slip sheet is printed between each set.

Image Position

Changes the location of the entire printed image on the sheet (simplex or duplex).

Same on both sides

Shifts the image on the sheet's second side (face down image) according to the shift on the sheet's first side (face up image).

Note: Use this option to move duplex page data away from the spine.

Rear

Note: The page's lead and rear edges are determined just after the page is printed out, before making any change in the page orientation.

The sheet's edge near the printer rear, where printing stops.

Lead

Note: The page's lead and rear edges are determined just after the page is printed out, before making any change in the page orientation.

The edge of a sheet at which printing begins.

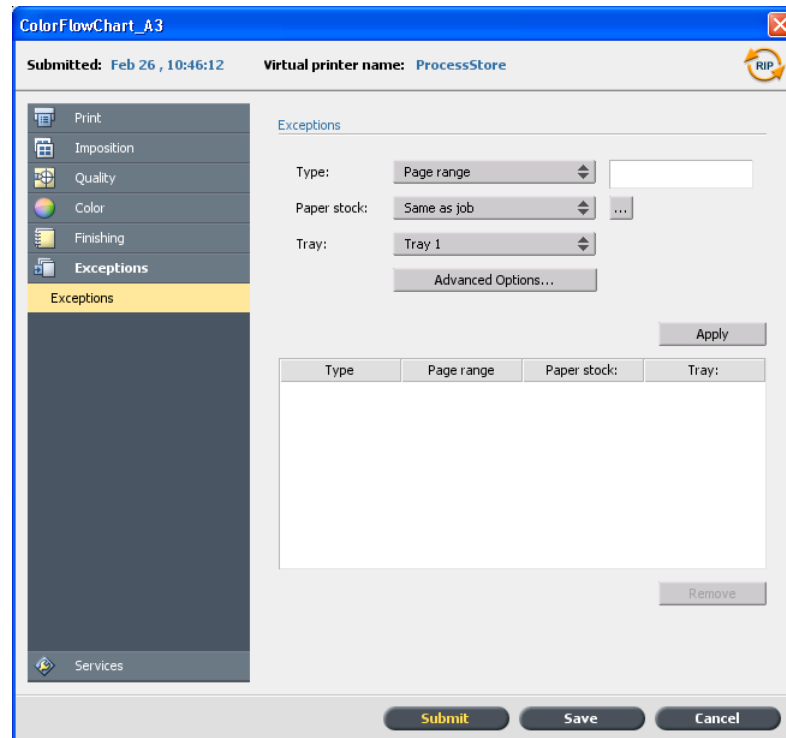
Center

Prints your job in the center of the page.

Adding exceptions to your job

Exceptions are used when you want to use different media types for special exceptions within a job, or add inserts (interleaves).

1. Open the Job Parameters window of your job.
2. Click **Exceptions**.



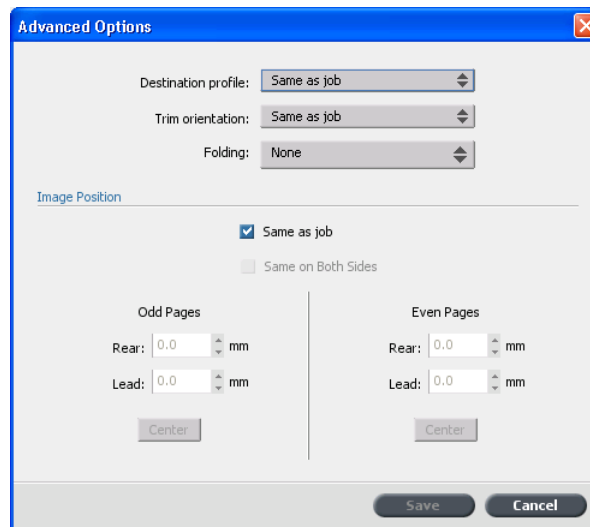
3. In the **Type** list, select the pages in your job in which the media type will be different.
4. Depending on the option you selected in the **Type** list, perform one of the following steps:

- For **Page range**, type the page range in the box.
- For **Front cover** or **Back cover**, select the **Duplex** check box to print the first two (or last two) pages of the job as the cover page (back cover).

Note: If the imposition type is **Saddle Stitch**, select **Cover** to print both a front and back cover page on a different media type. Select **Middle** sheet to print the internal sheets on a different media type.

- For **Inserts**, select **Before** or **After** and type the page number that will precede or follow the insert. Then, in the **Quantity** box, type the total number of inserts you want to add.

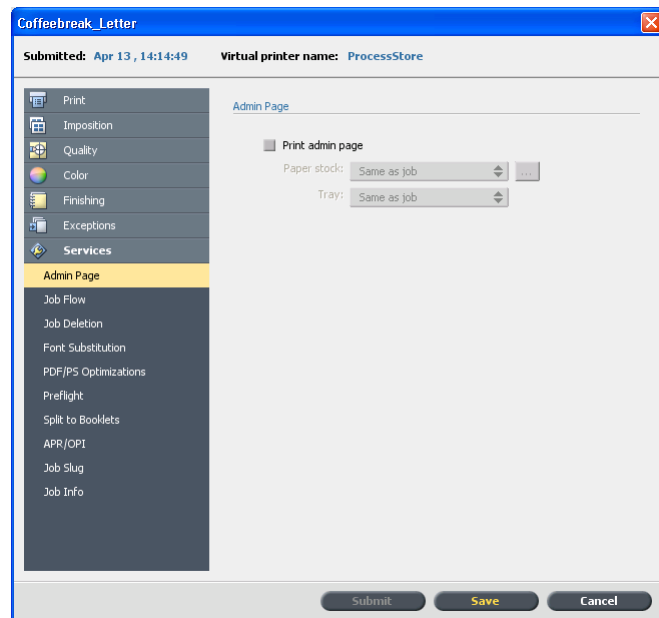
5. In the **Paper Stock** list, select the media type.
6. In the **Tray** list, select the tray in which the specified media type is loaded.
7. Click **Advanced Options**.



The image shows a software dialog box titled "Advanced Options". It contains several settings for a printing job. At the top, there are three dropdown menus: "Destination profile:" set to "Same as job", "Trim orientation:" set to "Same as job", and "Folding:" set to "None". Below these is a section titled "Image Position" with a blue header. Inside this section, there are two checkboxes: "Same as job" (which is checked) and "Same on Both Sides" (which is unchecked). Below the checkboxes, there are two columns of settings for "Odd Pages" and "Even Pages". Each column has "Rear:" and "Lead:" fields, both set to "0.0 mm", and a "Center" button below them. At the bottom of the dialog are "Save" and "Cancel" buttons.

8. In the **Destination profile** list, select a destination profile.
9. In the **Trim orientation** list, select the trim orientation for the Z-fold pages.
10. If you have a Light Production finisher connected and you want a Z-fold in your job, from the **Folding** list, select Z-fold.
11. Under **Image Position**, do one of the following:
 - To have the image position be the same as the rest of the job, make sure the **Same as job** check box is selected.
 - To shift the image on the second side of the sheet according to the image shift on the first side of the sheet, select the **Same on Both Sides** check box.
12. Click **Save**.
13. Click **Apply**.
14. Click **Save** or **Submit**.

Services tab in the Job Parameters window



Admin Page

Admin page

The administration page contains job-related information such as the job title, page size, number of pages or sets, and the sender name.

The administration page is printed in the same order as the job, for face-down printing, the page is printed before each set and for face-up printing, the page is printed after each set.

Note: If you change the options in the **Admin page** parameter, the job needs to be re-RIPed.

Job Flow

The job flow for a job that is imported to the CX print server from the network or from the CX print server folders.

Job Flow

Print

RIPs, prints, and stores the PDL files in the Storage area (unless the **Job Deletion** parameter is set to **Delete printed jobs from storage**).

Process

RIPs and moves the PDL files to the Storage area as RTP jobs.

Store

Places the PDL files directly into the Storage area without processing them.

Job Deletion

Delete printed jobs from storage

Removes pages or jobs from the CX print server after printing is completed.

Delete failed jobs from storage

Removes failed jobs while processing or printing from the CX print server.

Notes:

- The **Delete failed jobs from storage** option sustains enough free disk space for the duration of the print run and only affects the sub-job.
- The Variable Print Specification file is also deleted.

Font Substitution

Use Font Substitution

Substitutes a missing font with the default font that is set in the Resource Center.

Notes:

Font Substitution

- If a font is substituted, a message appears in the Job History window.
- You can only substitute Latin fonts.

PDF/PS Optimizations

PS optimization

Significantly decreases processing time in PostScript jobs with repeated elements by applying the PS workflow.

PDF optimization

Significantly decreases processing time in PDF jobs with repeated elements by applying the PDF workflow.

Preflight

Run preflight

Checks the status of key job components before the job is sent for printing.

Your job is RIPPed and the missing components are identified.

Split to Booklet

Split to Booklets

Splits a **PostScript, PDF**, or large VI job that does not have a booklet structure into booklets.

Note: Unexpected results might occur when you use this option for VDP jobs that already have a booklet structure.

Number of pages per booklet

The desired number of booklets.

Split to Booklet

Note: If the specified number of pages per booklet is not sufficient to produce complete booklets and there is a remainder of pages, the last pages will form a booklet that contains less pages than specified.

APR/OPI

High resolution images

Replaces low-resolution images in your job with high-resolution images that are located in a specified APR or OPI path.

Low resolution images

Prints the job with the existing low-resolution images—for example, for proofing purposes.

Job Slug

Prints a slug in the margins of your job with the selected options.

Color bar

Prints a measurable color bar. Looking at this bar, you can tell the state of the the press and whether the quality is consistent. You might need to calibrate the Xerox 700 digital color press or perform color proofing.

Job name

Sheet number and side (front/back)

Date and time

Job Slug Comment

Adds comments containing up to 30 characters.

Job Info	
Job title	Original name of the file related to this job.
Sender	User name of the system from which this job originated.
Account	Account number of a specific customer or group.
Recipient	Name of customer.
Job comments	Any special instructions that you want to include with your job.
Job link	Displays the relevant URL for the linked elements of JDF jobs.

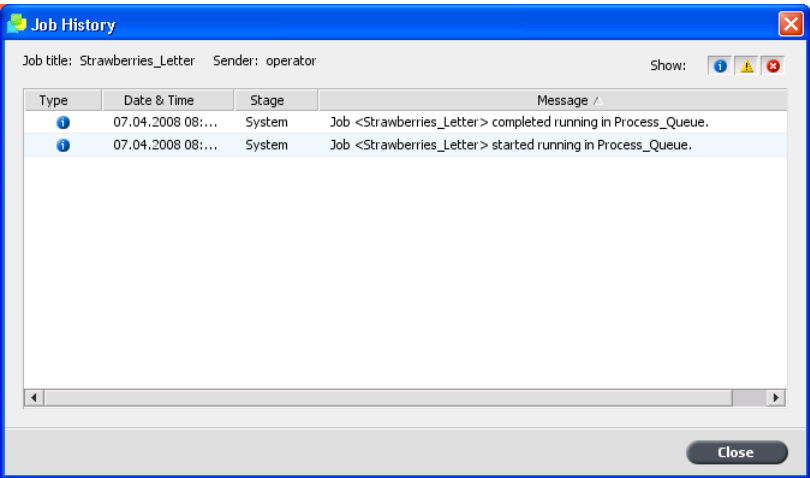
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Troubleshooting

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Job History window

The Job History window lists all of the messages that were generated during the workflow of the selected job. You can view the job title and owner (the user name of the system from which the job originated) near the top of the window.






Job Information	
Job title	The job's file name.
Sender	The user that sent the file to print.
Show	Click one of the icon types (Information, Warning, or Error) to view or not view (toggle) those message types in the Job History window .
Type	<div>There are three types of messages:</div> <ul style="list-style-type: none">• i Information• ⚠ Warning• ✖ Error
Date & Time	The date and time on which the message was emitted (the time stamp).

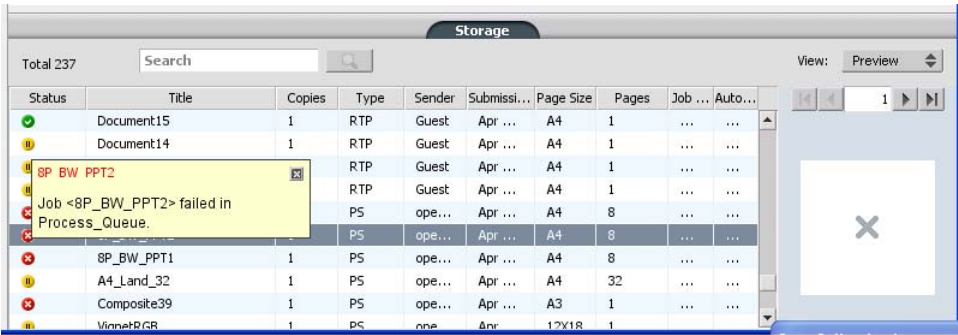
Job Information	
Stage	The stage in the workflow—for example, Print Queue or Process Queue.
Message	The message text.

Handling alerts and frozen jobs

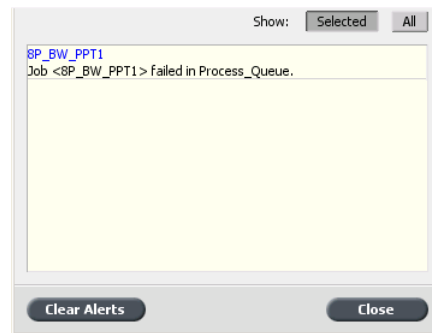
If your job has failed or is frozen, you can view an alert message about the failed or frozen job.

1. In the workspace, do one of the following:
- In the Print queue click the frozen icon  that appears next to the frozen job.
 - In the Storage area click the failed icon  that appears next to the frozen job.
 - Select the job with the failed or frozen icon and then click the **Alert** button  on the toolbar.

If you clicked the frozen or failed icon, the following message appears.



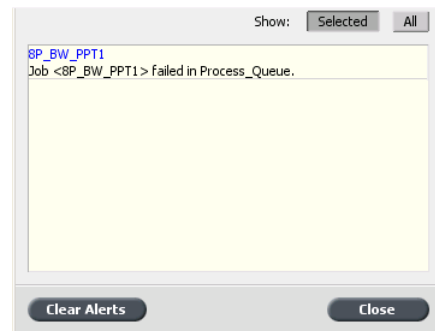
If you clicked the **Alert** button, the Alerts window appears.



2. Close the alerts information.
3. If a job was frozen, follow the directions in the alert message to correct the situation (incorrect or missing paper stock or finisher).

Alerts window

In the Alerts window you can view system alerts, and alerts for the selected job.



Alert window options

Show Selected

Displays the alert for the selected job in the queues or Storage area.

Show All

Displays systems alerts and the alerts for the selected job.

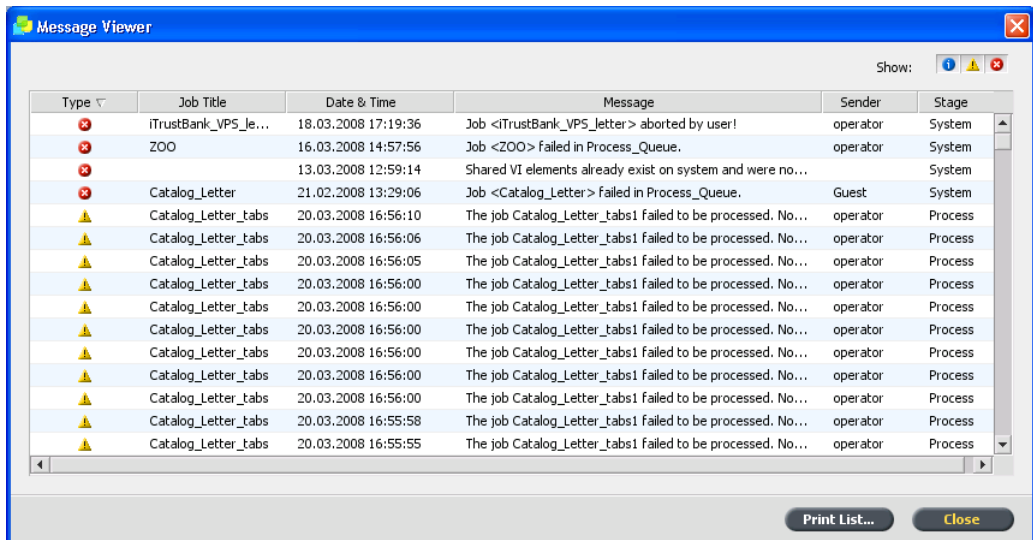
Clear Alerts

Clears all of the alerts from the window.

Printing system messages

Print a list of system messages from the Message Viewer window.

1. From the **Info** menu, select **Messages Viewer**.



2. Filter and sort the message list as desired.

- Click any message type icon (e.g., Error)—for example, **Error**—in order not to list such messages.
- Click a column header to sort the list by that column.

3. Click **Print List..**.

The Print window is displayed.

4. Set the printing options as desired, and click **OK**.

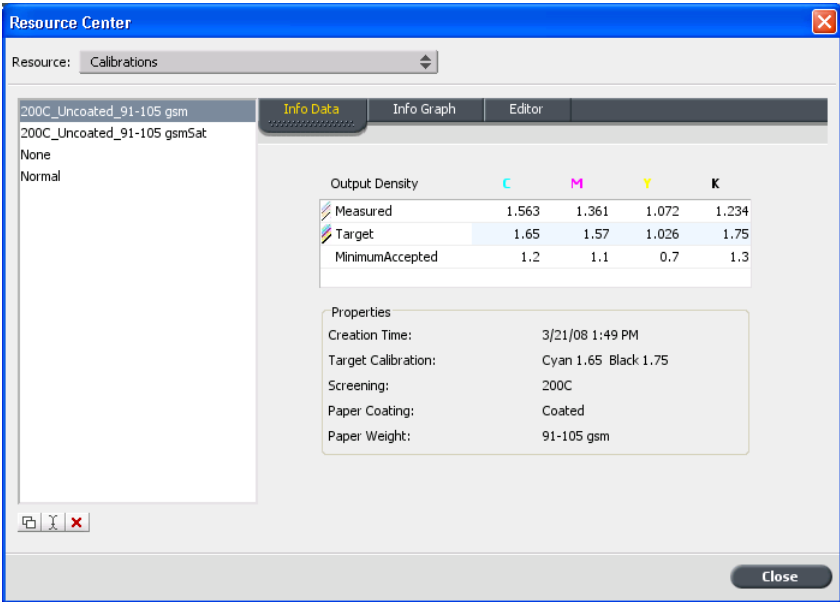
The data is printed according to the current filtering and sorting.

Editing calibration tables

Calibration Table window

You can find the calibration table information in **Tools > Resource Center > Calibrations**.

Info Data



Output Density

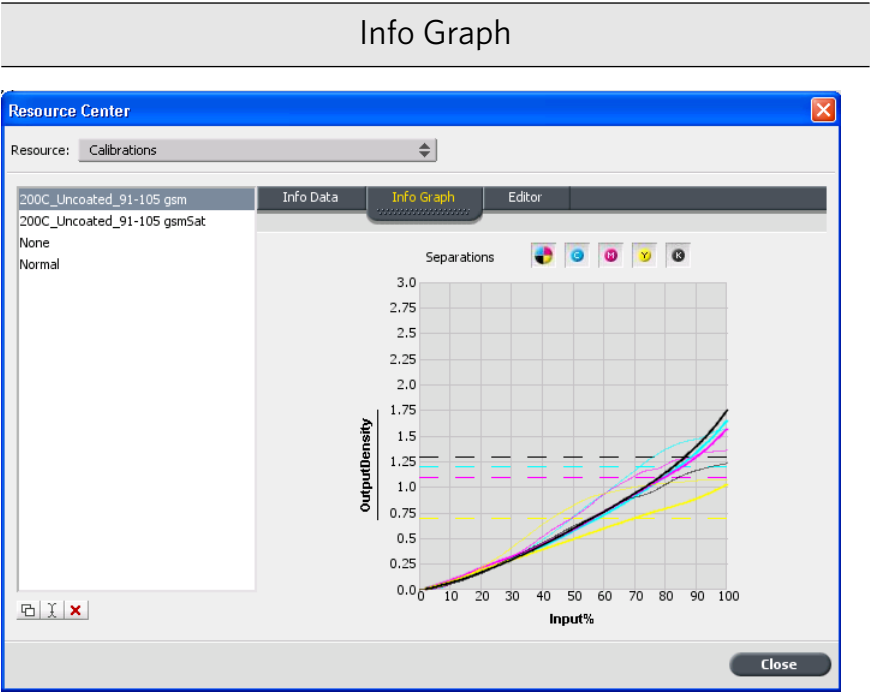
Measured	The values that are measure from the printed target.
Target	The expected values of the output density.
Minimum Accepted	The minimum measured value of the output density that is accepted for correction.


Properties

The parameters that were selected when the calibration table was created.

Info Graph

During printing, the CX print server automatically replaces the CMYK values in the RTP file with new values that compensate for the printer's current performance level.




Separations	The graph displays cyan, magenta, yellow, and black separations. You can see information about each separation by clicking the desired separation button. Or you can view all the separations together, by clicking the  button that shows all four colors.
Output Density	The vertical axis represents the dot percentage values of the final output data (after applying the calibration table) that is sent to the printer.
Input %	This horizontal axis represents the dot percentage values of the RTP file.

Calibration table list

The following calibration tables are listed:

- Calibration tables that you create
- **None**
- **Normal** (default table)

Calibration table list	
	
None	This is a default option and cannot be edited. Jobs that have this option selected are processed and printed without using a calibration table.
Normal	This is a default table and cannot be edited. If a calibration table has not been created for the media type, weight, and screening method that you are using, the Normal calibration table is used when you process and print your job.

Adding an entry to a calibration table

You can review a calibration table to make sure that the curves are relatively smooth and continuous. If you are not satisfied with the results, the Edit option enables you to adjust the values of the image in the value table.

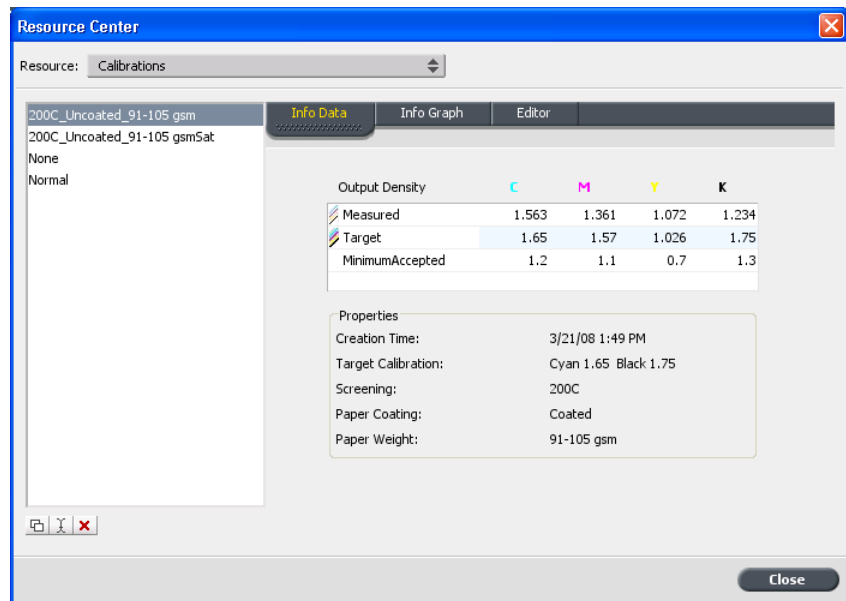
Requirements:

To perform this procedure, you must have created calibration tables.

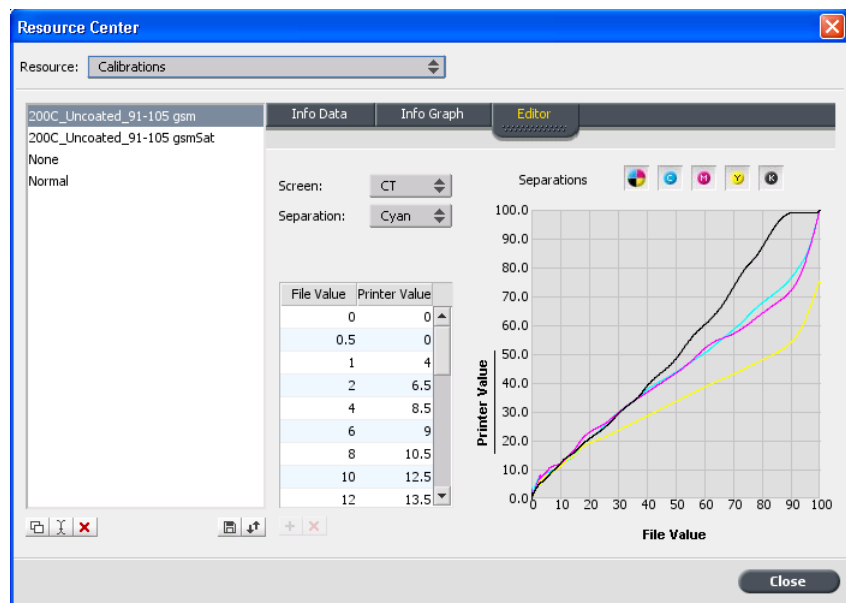
1. From the **Tools** menu, select **Resource Center**.

The Resource Center window appears.


- In the **Resource** list, select **Calibrations**.

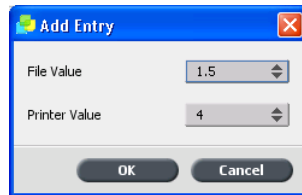



- Select the calibration table to which you want to add an entry, and click the **Editor** tab.



- From the **Separation** list, select the desired separation to which you want to add an entry.
The file and printer values for the separation that you selected appear in the **File Value** and **Printer Value** lists.

5. Select a row in the value table, and click the **Add**  button.



6. In the **Add Entry** window, from the **File Value** and **Printer Value** lists, select the desired values.
7. Click **OK**.
The value table is updated, and the calibration graph is adjusted.
8. To save your changes, click the **Save**  button.

Deleting an entry from a calibration table

You can delete an entry from a calibration table if you are not satisfied with the results.

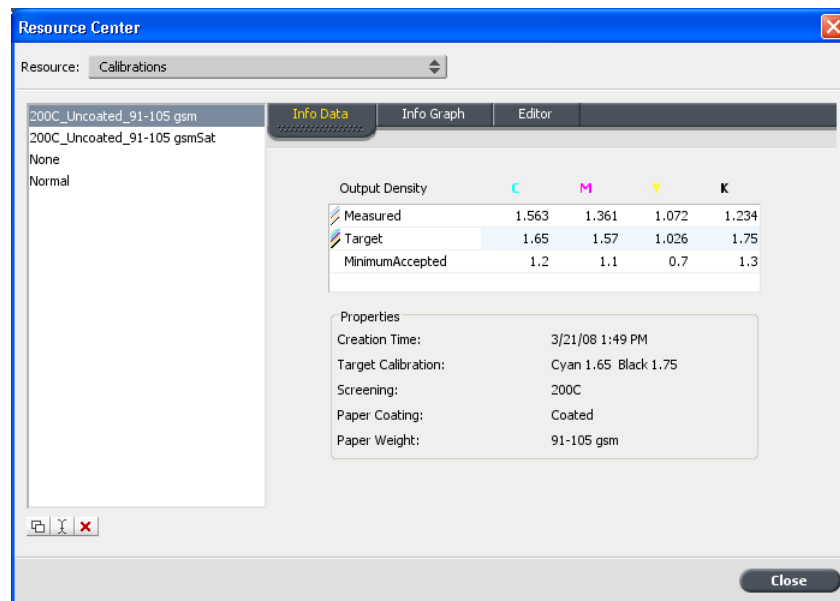
Requirements:

To perform this procedure, you must have created calibration tables.

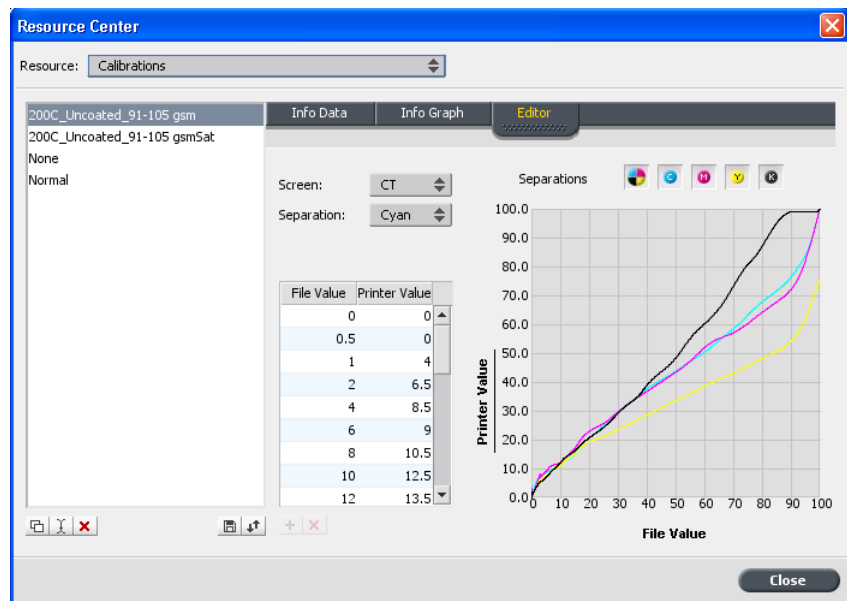
1. From the **Tools** menu, select **Resource Center**.

The Resource Center window appears.


2. In the **Resource** list, select **Calibrations**.



3. Select the calibration table from which you want to delete an entry, and click the **Editor** tab.



4. From the **Separation** list, select the desired separation to which you want to add an entry.
The file and printer values for the separation that you selected appear in the **File Value** and **Printer Value** lists.

5. Select a row in the value table, and click the **Delete**  button.

The entry is removed.

Xerox CX Print Server, Powered by Creo for the **Xerox 700 Digital Color Press**

Version 1.5

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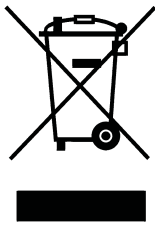
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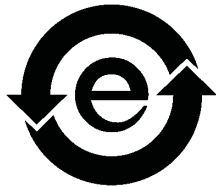
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Revised March 2009

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Introduction

These release notes describe the changes in the Xerox CX Print Server, Powered by Creo, for the Xerox 700 Digital Color Press 1.5 software that were made after the User Guide was published.

What Is in These Release Notes

The release notes include the following sections:

- *Upgrading the CX Print Server Software* describes how to upgrade to version 1.5 CX print server software.
- *New Features* describes new menu items, options, windows, or dialog boxes that were added to CX print server software.
- *Enhancements* describes improvements that were made to existing features.
- *Limitations* lists the limitations for this CX print server release.
- *Known Problems* lists problems that are not yet resolved.

Printing This Document

Change the paper size to print this document on any printer.

1. Open the PDF file in Adobe® Acrobat®.
2. From the **File** menu, select **Print**.

The Print dialog box appears.

3. Select the desired paper size, for example, A4 or letter.
4. In the **Page Scaling** list, select **Fit To Printable Area** or **Shrink To Printable Area**.

Note: The names in the Page Scaling list vary according to the version of the Adobe Acrobat software.

5. Click **OK**.

This document is printed on either A4 or letter size paper.

Upgrading the CX Print Server Software

Note: If your CX print server is newly installed, the CX print server 1.5 software is pre-loaded and therefore it is not necessary to perform any upgrade procedures.

Before you begin upgrading your software, back up your configuration to a local hard disk, network drive, CD or DVD media.

1. From the **File** menu, select **Preferences**.

The Preferences window appears.

2. In the Preferences window, select **Configuration Backup**.

3. In the **Configuration backup** area, click **Browse**.

The Save dialog box appears.

4. Locate the desired folder for backup.

5. Enter the file name.

Note: It is recommended that you use the current date as part of the file name.

6. Click **Save**.

7. In the **Configuration backup** area, click **Start Backup**.

After a few moments, the backup complete message appears.

Note: The last path is saved and displayed in the path box. If the backup was made to external media, the displayed path will be the default: **C:\CX700\General\Configuration**.

Reinstalling Windows XP

Before reinstalling, ensure that:

- All external USB devices are disconnected from the CX print server.
- The following is available:
 - ☐ DVD/CD software pack
 - ☐ Computer name (for example, Mal_WinXP)
 - ☐ Network information
 - ☐ Windows XP Professional embedded
 - ☐ Gateway, WINS address, and DNS information
 - ☐ Required AppleTalk zone
 - ☐ IPX information

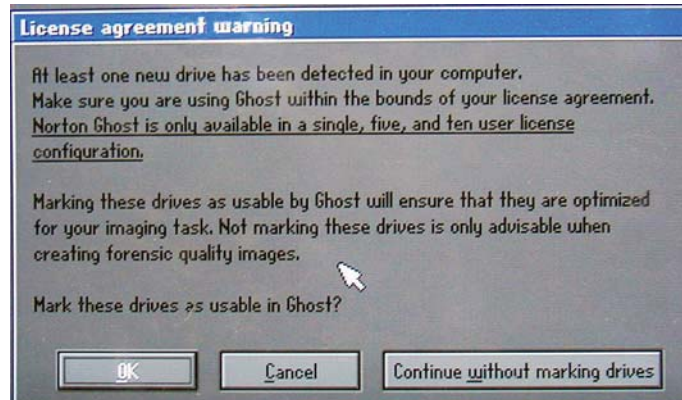
Note: If you are already logged on your system and the CX print server workspace is open, quit the workspace, insert DVD 1 into the DVD-RAM drive, and proceed to step 3.

1. Turn on your computer.
2. Insert DVD 1 (Windows XP Professional Fast Install) into the DVD-RW drive.

3. Restart your computer.
4. When the CX700 Startup Menu appears, press 1 to perform the complete overwrite installation (all data on C and D will be overwritten).

The message *Are you sure?* appears, click **Y**.

Note: If the Norton Ghost License Agreement Warning appears, click **OK**.



The system starts copying the files. After about ten minutes, the following message appears:

Please remove any DVD media from the drive and press CTRL+ALT+DELETE to reboot the computer.

5. When the Windows XP Professional window appears, type the 25-digit product key and click **Next**.

Note: The product key is printed on a label that is stuck to the side of the CX print server.

6. In the Computer Name and Administrator Password window, type the name for the CX print server, for example **Mal_WinXP**.

Important:

In the **Administrator Name** and **Password** area, use the default settings.

If required, you can change the administrator name and password, but only at the end of the installation process. See *Xerox CX Print Server, Powered by Creo for Xerox 700 Digital Color Press User Guide* (731-01341A-EN).

7. Click **Next**.

The installation process continues.

At the end of the installation, the system restarts. Proceed to *Reinstalling the CX Print Server Software*.

Reinstalling the CX Print Server Software

1. Insert DVD 2 into the DVD-RW drive.
2. In the CX print server software splash screen, click **Start**.
3. When the License Agreement window opens, click **Yes** to continue the CX print server software installation.

4. When the installation is complete, remove CD 2 from the DVD-RAM drive.
5. Click **Finish** to restart the computer.

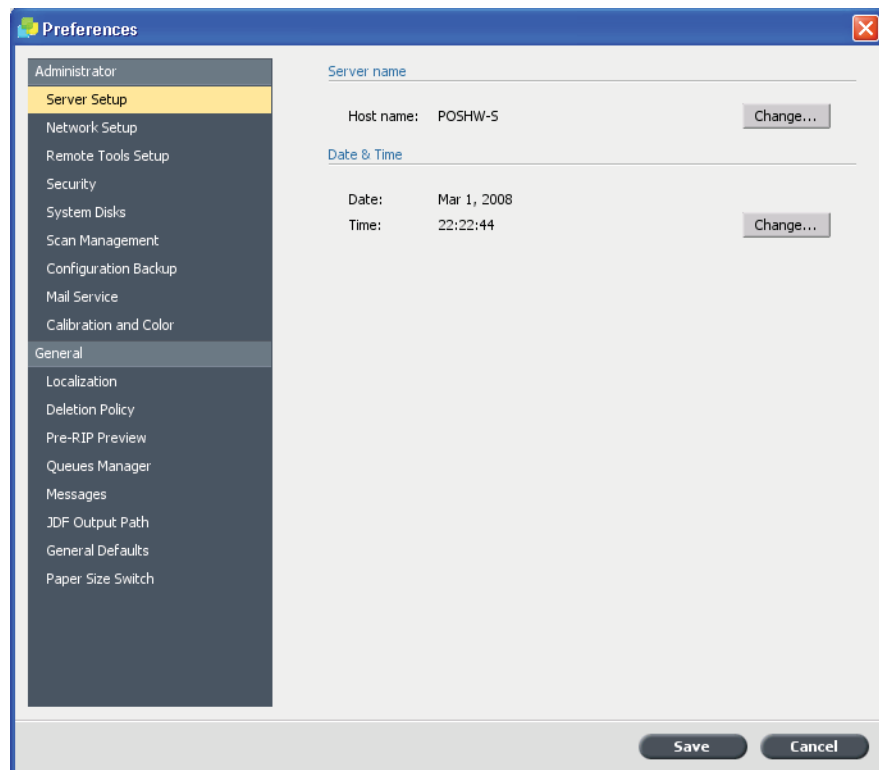
Note: For more information about reinstalling the system, refer to *Xerox CX Print Server, Powered by Creo, for the Xerox 700 Digital Color Press Technical Manual (731-01331A)*

Configuring the CX Print Server

After installation you can configure the CX print server.

1. From the **File** menu, select **Preferences**.

The Preferences window appears.



2. Select the setting the you need to update and configure the parameters according to your site requirements.

Note: For more information about setting preferences on the CX print server, see *Xerox CX Print Server, Powered by Creo for Xerox 700 Digital Color Press User Guide (731-01341A-EN)*.

Configuring McAfee VirusScan

After you have installed McAfee VirusScan, perform the following configuration procedures.

Important: Running McAfee VirusScan could slow down process time and affect the overall performance of the server.

Creo will continue to update their virus protection software recommendations according to software performance and market availability.

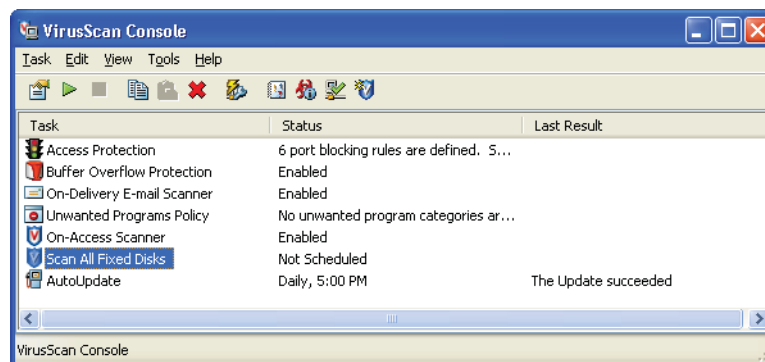
Once a year, obtain the latest version of the antivirus software and installation procedure. The site manager must also regularly download the latest antivirus definitions from the relevant Internet site.

To configure the McAfee VirusScan, perform the following procedure.

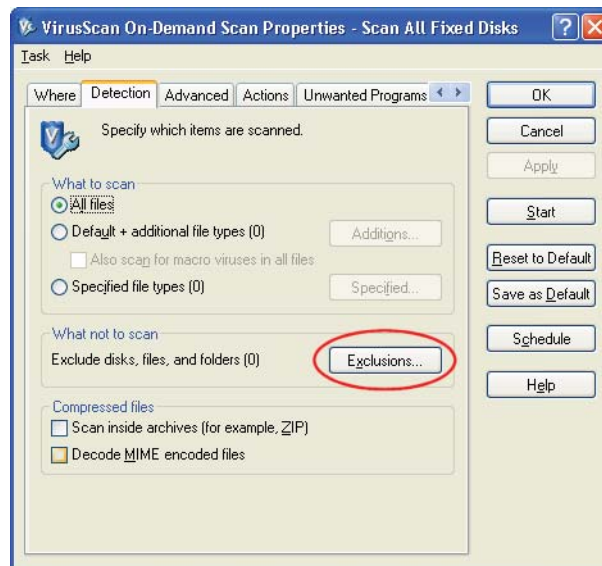
Note: The following McAfee VirusScan software configuration procedure is subject to change without notice, and the relevant documentation may not be updated.

Configuring the Scan All Fixed Disks Settings

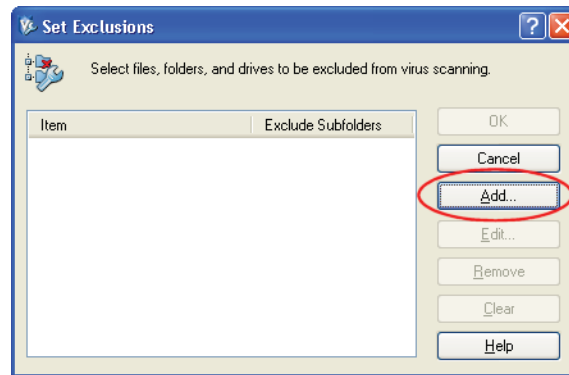
1. From the taskbar, right-click the **VSshield** icon and select **VirusScan Console**.



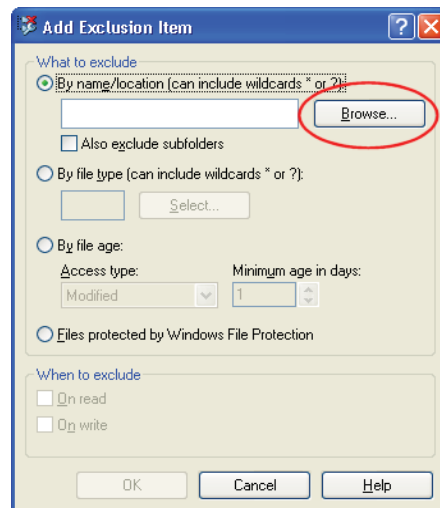
2. In the Task column, right-click **Scan All Fixed Disks** and select **Properties**.
3. Click the **Detection** tab.



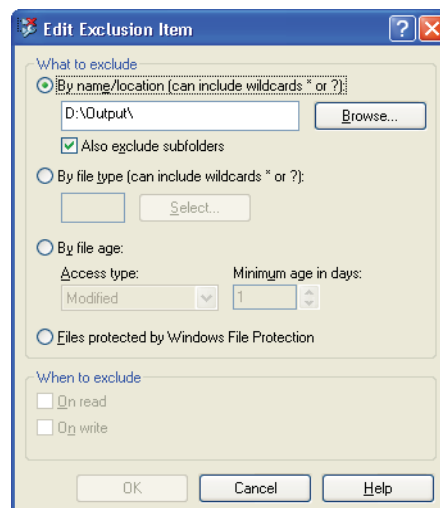
4. In the **What not to scan** area, click **Exclusions**.



5. Click **Add**.



6. Click **Browse**.
7. In the Browse for Folder dialog box, locate the **D:\Output** folder and click **OK**.
The **D:\Output** path appears.
8. Select the **Also exclude subfolders** check box.

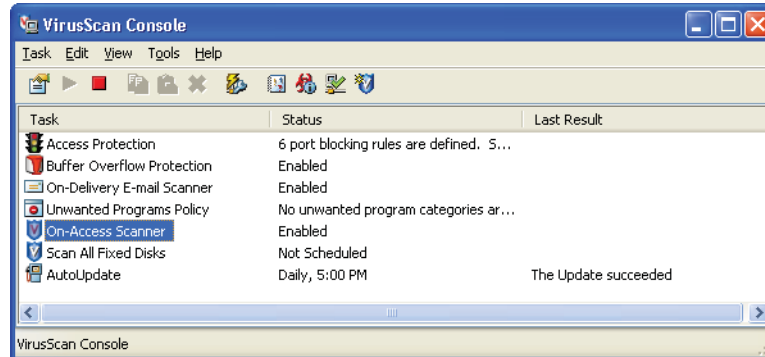


9. In the **When to exclude** area, select the **On read** and **On write** check boxes.

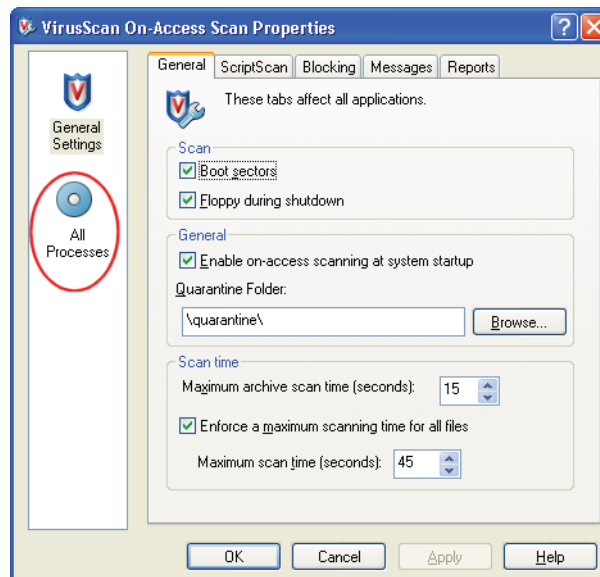
10. In the Edit Exclusion Item dialog box, click **OK**.
11. In the Set Exclusions dialog box, click **OK**, and then click **OK** again.

Configuring the On-Access Scan Settings

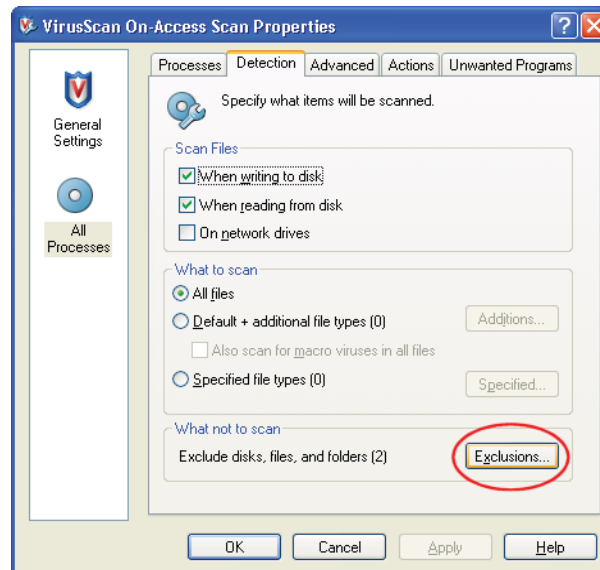
1. Return to the VirusScan Console window.



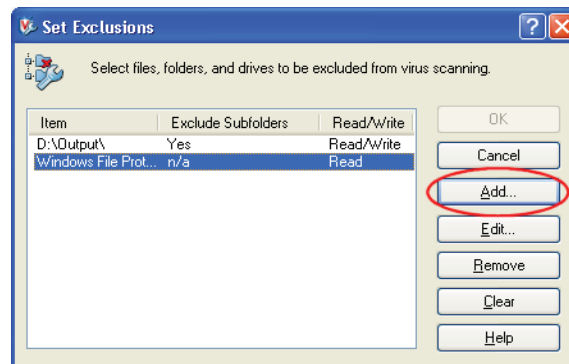
2. In the **Task** area, right-click **On-Access Scanner** and select **Properties**.



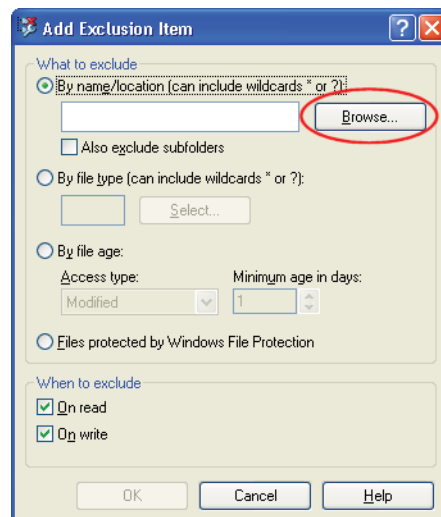
3. On the left of the window, click the **All Processes** icon.
4. Select the **Detection** tab.



5. In the **What not to scan** area, click **Exclusions**.

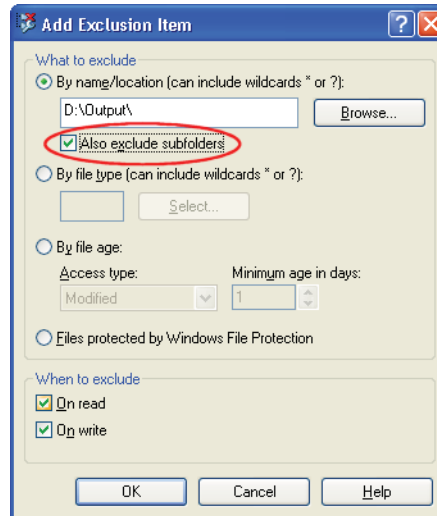


6. In the Set Exclusions dialog box, click **Add**.



7. Click **Browse**.
8. In the Browse for Folder window, locate the **D:\Output** folder and click **OK**.
The **D:\Output** path appears.

9. Select the **Also exclude subfolders** check box.



10. In the Add Exclusion Item dialog box, click **OK**.
11. In the Set Exclusions dialog box, click **OK**.
12. In the VirusScan On-Access Scan Properties window, click **OK**.

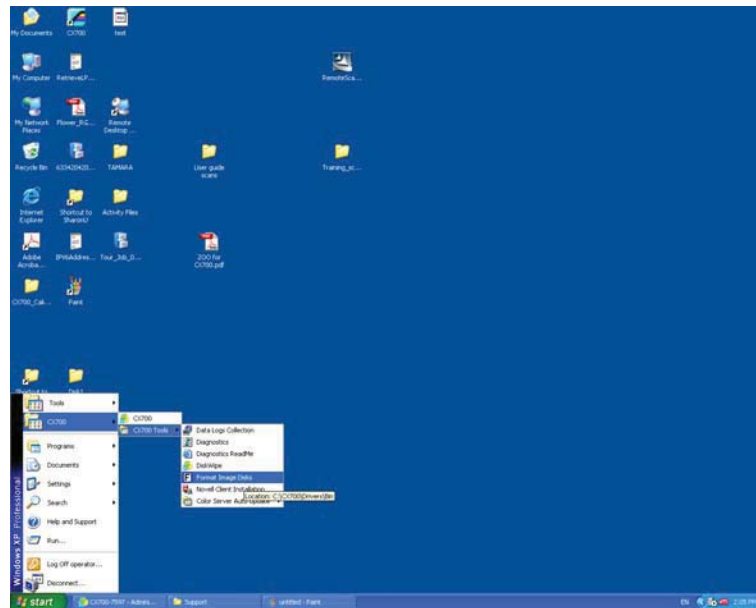
Formatting the Image Disk

Note: To format an image disk on the CX print server configuration, you must be connected to a Windows-based computer, Mac client, or portable workstation via the Remote Desktop Connection.

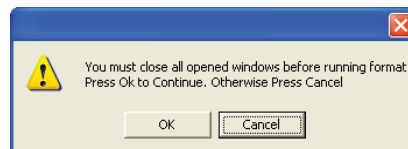
Perform the following procedure when suggested as a recovery action.

Important: Formatting erases all data stored in the Storage area. It is recommended that either an ONSA or your system administrator back up the customer's data, if possible, to an external device or network.

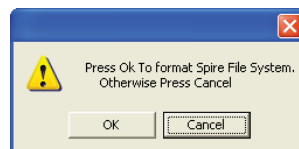
1. Close all software programs and wait for them to shut down completely.
2. Select **Start > CX700 > CX700 Tools > Format Image Disks**.



The following message appears.

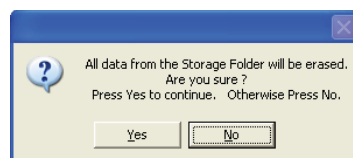


3. Close all open windows, if required, and click **OK**.

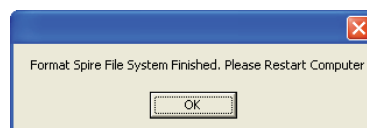


4. Click **OK**.

The following message appears.



5. Click **Yes**.



6. Click **OK**.
7. To enable the changes to take effect, restart your computer.

Removing the Print Driver software

Perform this procedure if you need to upgrade to a later software version of the Print Driver software, or if you want to install the Print Driver software for a printer with a different name.

1. From the Windows **Start** menu, select **Settings > Printers and Faxes**.

2. Right-click the CX print server virtual printer, and select **Delete**.

The printer is deleted from your client workstation.

3. In the Printers and Faxes window, from the **File** menu, select **Server Properties**.

4. In the Print Server Properties dialog box, click the **Drivers** tab.

5. Select the printer and click **Remove**.

The driver is removed.

6. From the Windows **Start** menu, select **Run**.

7. Locate the server.

8. Navigate to **D:\Utilities\PC Utilities\Driver Extension**.

9. Make sure you close all applications, and then restart your computer.

10. Immediately, perform one of the following steps:

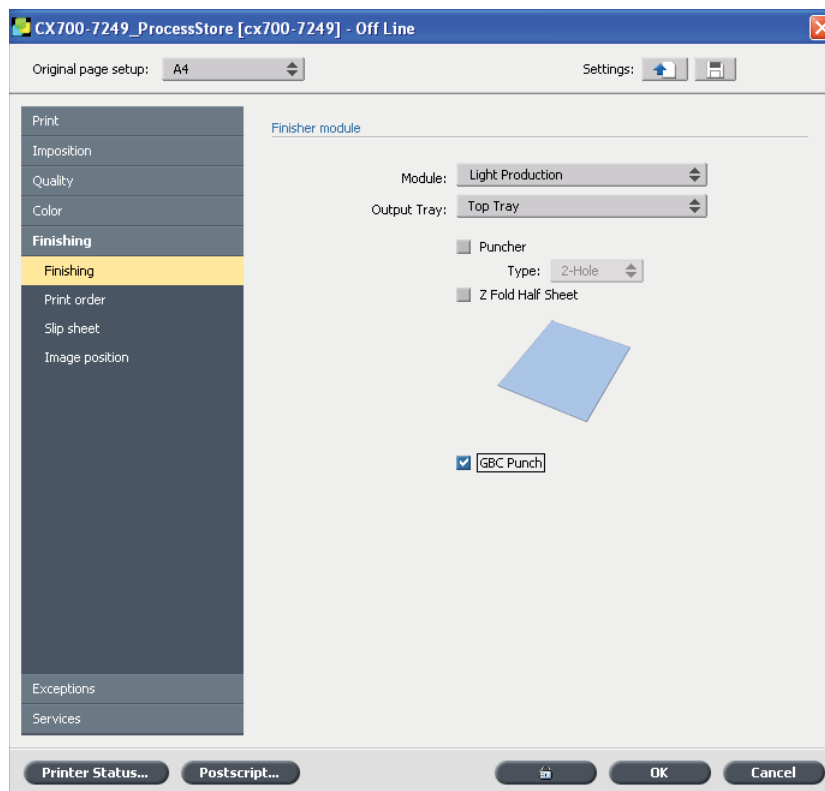
- If you are using Windows XP, double-click **DEXUninstaller.exe**.
- If you are using Windows Vista, right-click **DEXUninstaller.exe**, and select **Run as Administrator**.

The Print Driver software is removed.

To reinstall the Print Driver software, see the *Xerox CX Print Server, Powered by Creo, for the Xerox 700 Digital Color Press User Guide (731-01341A-EN)*.

Note: The Print Driver software version is still 1.0. To verify that the new Print Driver software was installed, make sure that:

- ☐ A progress bar is displayed the first time you are using the software
- ☐ The GBC Punch or the Square Fold Trimmer are available in the Finishing tab.



New Features

This section lists features that were added in the new release of the CX print server software.

Finisher Support

You can now chain the High Capacity stacker and the Light Production C finisher.

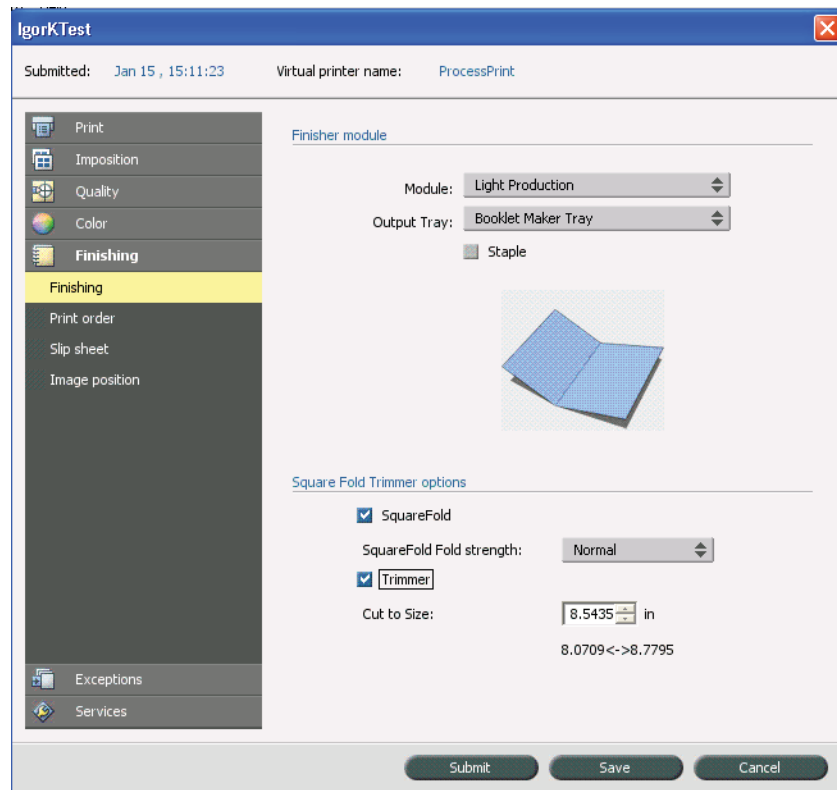
Square Fold Trimmer

In this version, the Square Fold Trimmer is supported. This optional equipment consists of the trimmer, which cuts the faces of booklet sets, and the square folder, which flattens the booklet spine, reducing its thickness.

The Square Fold Trimmer workflow includes the following steps:

1. Receives the booklet from the booklet unit of the Light Production C finisher
2. Transports the received booklet to the square folder and then to the trimmer,
3. Outputs the trimmed or square-folded booklets to the booklet tray

You can adjust the trimming position, and change square-fold modes (**SquareFold Strength** setting).



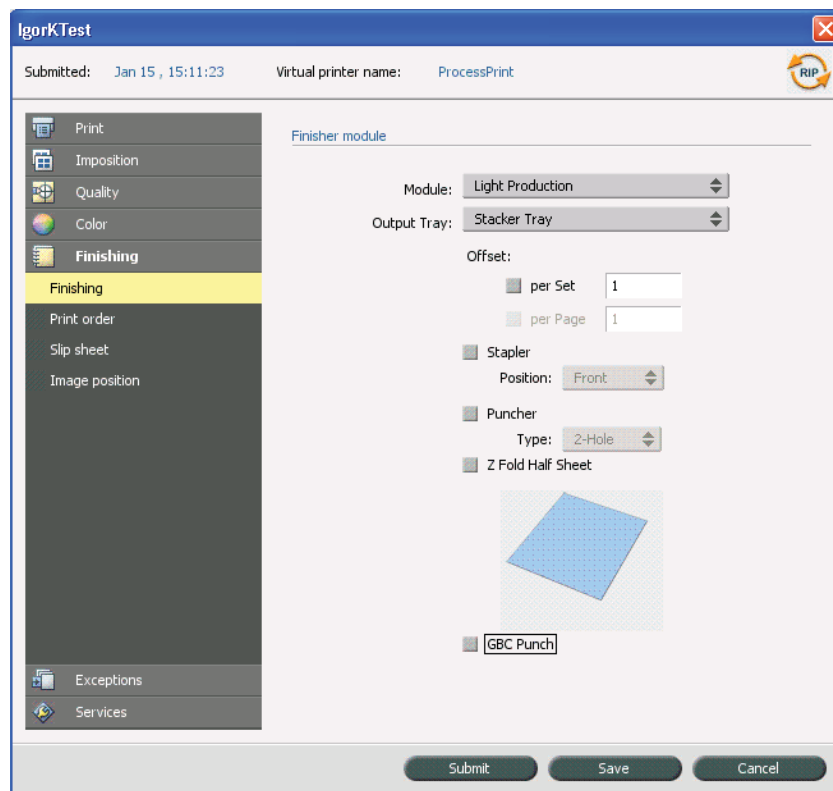
GBC Punch

GBC Punch is now supported. The GBC Punch is an optional finishing module designed to accept a broad range of media weights, sizes, and coatings, and provide lead-edge hole punching.

There are two base units configured to punch letter size and A4 size documents. The configurations are similar but differ to accommodate power and edge registration.

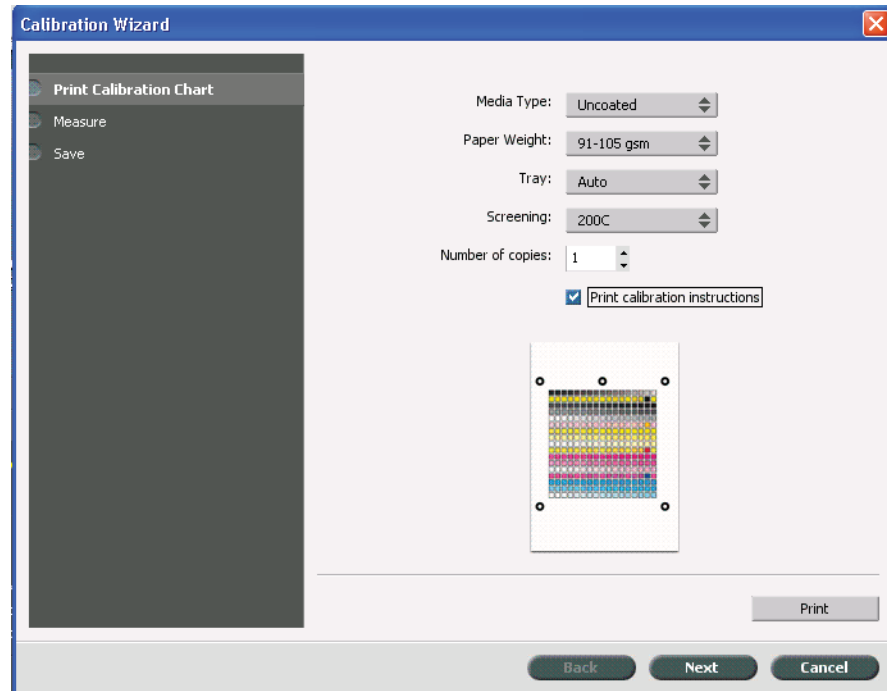
Sheets that pass through the punch path are limited to letter or A4, and are punched as individual sheets along the lead edge. Punch chads are collected in a punch container. When the level of chads exceeds a specified level in the container, you receive a signal, and the system pauses.

Each GBC Punch module has two paper paths, punch and bypass. Sheets directed through the bypass are passed to one of two connected finishing devices, the High Capacity Stacker (HCS) or the Light Production C finisher.



Off-the-Glass Calibration

In this version, you can select whether or not to print the calibration instructions.



Web-Based Training

The following Web-based training (WBT) material is available on the CX print server (Help > Tutorials):

- Imposition Template Builder WBT: Describes how to prepare various imposition templates using the Imposition Template Builder
- CX Print Server WBT: Describes CX print server workspace, Job Parameters window, and basic workflows

Chinese Support

In this version, the CX print server software is translated to Chinese.

For more information about how to change the language options to Chinese, see *Enabling Chinese Characters for the Xerox CX Print Server, Powered by Creo, for the Xerox 700 Digital Color Press Technical Bulletin (734-00944A-EN)*.

PDF Library 9.0

The CX print server now supports Adobe® PDF Library 9. This is the latest version of the PDF library, and it provides improved printing of transparencies and better image quality.

ISO Coated v2 Source Profile

The CX print server now includes the ECI offset profile ISO Coated v2. This is a good choice in cases where the intended printing condition is not yet known. Prepress data prepared with this profile can be converted to many other printing conditions with good results, however, the best possible results will be achieved with CMYK prepress data prepared with the profile that matches that printing condition exactly.

Enhancements

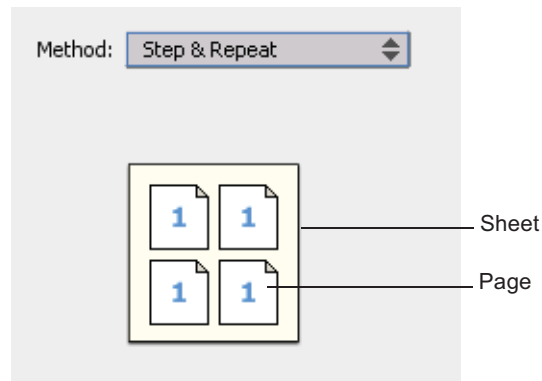
This section lists features that were improved in this release of the CX Print Server software.

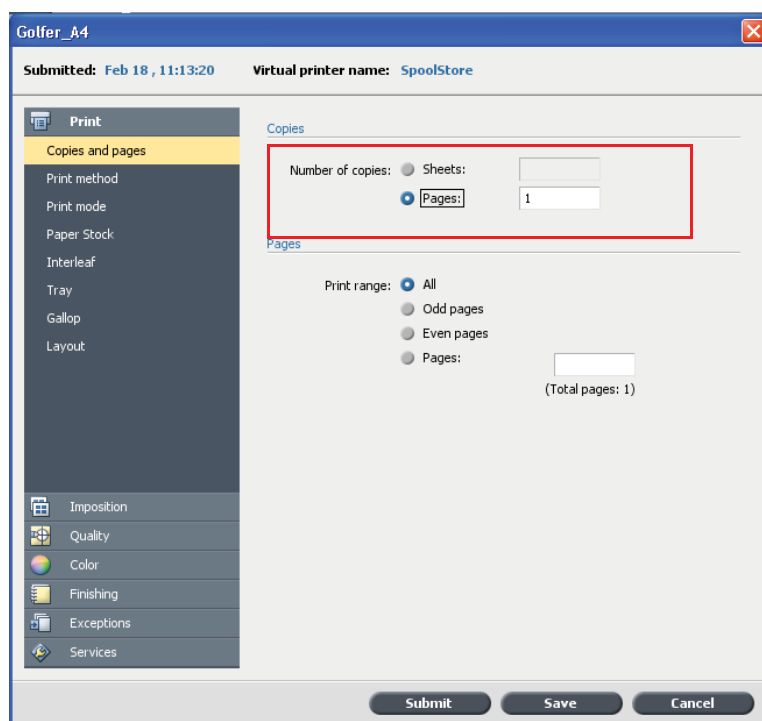
Imposition

Step-and-Repeat Method

In this version, when you select the step-and-repeat imposition method, you can specify the number of copies to print, either per sheet or per page.

For example, if you place four business cards on one sheet, and set the number of copies to 100 sheets, 400 business cards will be printed (100 sheets). If the number of copies is set to 100 pages, 100 business cards will be printed (25 sheets).





Scaling

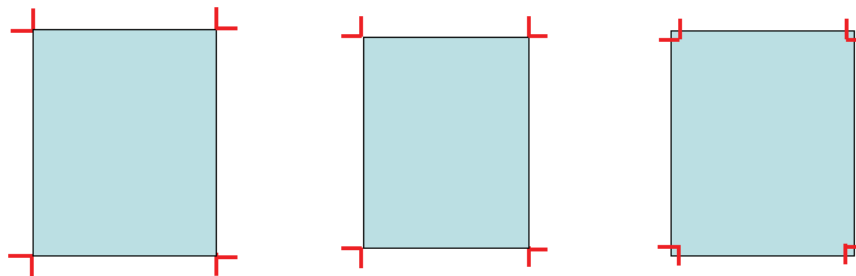
For imposed jobs, if you select the **Do not affect imposition marks** check box, crop marks and fold marks are not affected by scaling. This enables you to use the crop marks as a bleed option.

This example shows the differences between the options.

Job is scaled 105% and
crop marks are also scaled.

Original image

Job is scaled 105%, but
crop marks are not scaled.



Note: This check box is available only when the scaling value is greater than or less than 100%.

Golfer_A4

Submitted: Feb 19, 10:28:59 Virtual printer name: SpoolStore

Print

- Copies and Pages
- Print Method
- Print Mode
- Paper Stock
- Interleaf
- Tray
- Gallop
- Layout**

Imposition

Quality

Color

Finishing

Exceptions

Services

Page Orientation

Page orientation: Portrait

Scaling

Scaling: Manual: 105.0

☒ Do not affect imposition marks

☐ Fit to output sheet size

Rotate 180

☐ Rotate 180

Submit Save Cancel

Limitations

This section lists limitations in the CX print server software.

High Capacity Stacker (HCS) Unlock Button

You can only release the HCS stacker tray after a job finishes printing.

Using the HCS Dynamic Sample Button

Only use the HCS Dynamic sample button for jobs in which you will print more than one copy.

Calibration

The option to calibrate via the Web UI was removed and is not supported.

Job Forwarding

Make sure the user name and password of the server you forward a job from has the same user name and password as the server you forward the job to.

Stapling Jobs

To staple a job, make sure that the following job parameters are set according to the image orientation and feed orientation of your job:

- **Finishing > Print Order** (Face up or Face down)
- **Print > Layout > Rotate 180**
- **Finishing > Stapler** (front, center, rear, or dual)

Remote Scan Application

On some client workstations, the Remote Scan Application doesn't work if the system fonts aren't in English.

Print Driver Software

When you set the Print Driver software to display American measurements, A4 paper is the default setting instead of letter size paper.

Workaround: On your desktop, go to **Start > Settings > Printer and Faxes**, and set the desired destination printer as your default printer.

Importing JPG Files

The CX print server only supports baseline compression of .jpg files and not progressive compression.

Mixed Paper Size Jobs

You can't include an Admin page, front cover or back cover in jobs that include mixed paper sizes and different paper feed orientations.

Printing From Tray 5

- If you want to print a job from Tray 5, make sure you select this tray in the Job Parameters window (**Print > Tray**).
- If the printer is in sleep mode, Tray 5 appears empty in the Trays area of the CX print server workspace.

Known Problems

This section lists known problems in the CX print server software.

Scanning Templates

If you have reinstalled the CX print server software, and there is no network cable connected to the CX print server, or the network doesn't have a DHCP server, there may be a eight minute delay from the time the test page is printed until you can access the Network Scanning Templates and Web Applications on the Xerox 700 digital color press user interface.

Printing Microsoft PowerPoint Files

To print Microsoft Powerpoint® files on large paper sizes using the Print Driver software, select the paper size in the **Original Page Setup** list.

Connection Failures

If you need to turn off the printer—for example, due to a fault, make sure you first abort any jobs that are printing. Otherwise, the CX print server won't reconnect to the printer.

Changing Printer Settings

If you change printer settings that require you to restart the printer, make sure you restart both the printer and the CX print server, otherwise the status of the printer won't be displayed in the workspace.

