



Installation Guide

English

CXP6000 Color Server for DocuColor 2060/2045/6060

version **3.0**



CXP6000 Color Server for DocuColor 2060/2045/6060

version 3.0

Installation Guide

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4558302	5283140	5420722	5615282	5818498	6003442	6158345
4743091	5291273	5459505	5625766	5854883	6014471	6159659
4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
5111308	5331439	5508828	5691823	5894342	6063528	6186068
5113249	5333064	5509561	5691828	5900981	6063546	6189452
5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
5132723	5355446	5526143	5699740	5946426	6096461	6208369
5150225	5359451	5532728	5708736	5947028	6098544	6252522
5153769	5359458	5561691	5713287	5958647	6107011	6260482
5155782	5367360	5568595	5739819	5966504	6112663	
5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
5208888	5384899	5592309	5771794	5986819	6130702	
5247174	5412491	5594556	5785309	5995475	6134393	

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Environment Management System (EMS)

EMS Overview

Creo is committed to the Environment Management System (EMS). According to this policy, we are committed to keeping customers and service engineers informed about the principles of handling company products with an emphasis on environmental conservation.

The Triple-R principles are **reduce**, **reuse**, and **recycle**.

Any item that can be recycled should be recycled and any item that can be reused should be reused, to reduce the quantities of trash that municipalities must handle.

Recycling

Used items such as paper, plastic, electronic parts, and glass – should be sent for recycling.

Packaging Materials

Packaging materials will be kept at the customer's premises. For disposal, they should be sent to a plant for paper, carton, and wood recycling.

End of Product Life

When the product reaches its end of life, it should be sent for recycling to a recognized company in each country.

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Contents

Using This Guide	vii
Installation Guide Purpose	viii
Who Should Use This Guide	viii
Chapter Content and Description	viii
Conventions Used in This Guide	ix
Fonts	ix
Terminology	x
Symbols	xi
For More Information	xi
1 Setting Up Client Workstations	1
Default Network Printers on PC and Macintosh Clients	2
Defining a Printer on PC Client Workstations	3
Defining a Printer - Windows NT 4.0	3
Defining a Printer - Windows 98	7
Defining a Printer - Windows 2000 and ME	13
Defining a Printer - Windows XP	19
Creating PostScript Files on the PC	28
Copying PPD from PC	45
Defining a Printer on Macintosh Client Workstations	46
Setting the Network Printer for Macintosh OS 9	46
Setting the Network Printer for Macintosh OS X (10.2)	49
LPR Printing with the CXP6000 Color Server	54
Setting up an LPR Printer in Windows NT 4.0	54
Setting up an LPR printer in Windows 2000/XP	61
Windows NT/2000/XP Command Line	69
Setting up an LPR printer in Mac OS X (10.2)	70
Setting up an LPR printer in Mac OS 9 (using the Choose Spire Over IP utility)	75
Printing to the Linux	84
Defining a Printer on Unix Client Workstations	89
2 Reinstalling Your CXP6000 Color Server	91
Overview	92
Reinstalling the Operating System	94
Reinstalling the Creo Application Software	96
Disk Striping	97
The Configuration Wizard (If Backup Available)	114
Restoring the Configuration	115
The Configuration Wizard If Recovery Fails or is Unavailable	119
Choosing the Configuration Type	119
Setting the Language	119

Configuring the Host Name	121
Setting the Date and Time	124
Setting the Default Measurement Units	126
Configuring the IP Address	127
Configuring the Apple Talk Zone	129
Completing the Configuration	131
Installing and Configuring Novell Client for Spire	133
Uninstalling Novell Client for Spire	138
3 Upgrading the Software	141
Software Upgrade	142
4 DFE Monitor	145
General Information	146
Disk Usage	146
Network	147
Virtual Printers	148
5 Adding an External SCSI Device	149
Adding an External Device	150
Connecting the External Device to the CXP6000 Color Server	150
Initializing the External Device	151
Formatting the External device	152
Changing the External Device Drive Letter	154
Changing the CD/DVD-ROM Drive Letter	157
A Novell NDS - Setup and Configuration	159
Overview	160
Defining Novell NDS Printer Queues in the Novell NDS Tree	162
Using the Novell NetWare Administrator Application	162
Using the Novell NDS PConsole	179
Configuring IPX Printing	180
Installing the Printer Drivers on a Novell Client Using the Adobe PS Application	181
Defining the CXP6000 Color Server as a Novell NDS Client	183

Using This Guide

Installation Guide Purpose.....	viii
Who Should Use This Guide.....	viii
Chapter Content and Description.....	viii
Conventions Used in This Guide.....	ix
For More Information.....	xi

Installation Guide Purpose

This Installation Guide has been designed to guide you through setting up your CXP6000 Color Server. It will also direct you in setting up client workstations to print with the CXP6000 Color Server, printing test files, and administrating your CXP6000 Color Server system.

Who Should Use This Guide

This Installation Guide is intended for CXP6000 Color Server operators and system administrators.

Chapter Content and Description

Chapter	Contents	Description
Chapter 1	Setting Up Client Workstations	Explains how to set up PC, Macintosh and Unix client workstations, for printing to the CXP6000 Color Server.
Chapter 2	Reinstalling the System	Explains how to reinstall your CXP6000 Color Server after a system crash, and guides you through the required procedures from reinstalling the operating system, to configuring your personal settings.
Chapter 3	Upgrading the Software	Describes how to upgrade the CXP6000 Color Server Software Application by removing the previous version and reinstalling the new version.
Chapter 4	DFE Monitor	Explains the provided information in the DFE Monitor view-only window.

Chapter	Contents	Description
Chapter 5	Adding an External Device	Provides a step-by-step procedure for adding an external disk to the CXP6000 Color Server.
Appendix A	Novell NDS Setup and Configuration	Describes how to configure the connection between a Novell NDS Server and the CXP6000 Color Server, in a Novell working environment.

Conventions Used in This Guide

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

Fonts

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

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

Frutiger is used for figure and table captions.

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

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

Terminology

Clear	Place the mouse pointer over the check box for the specified option, and click the left mouse button so that the X or check mark is removed from the check box.
Click	Place the mouse pointer over the specified option or button and press and release the left mouse button.
Double-click	Place the mouse pointer over the specified option or button and quickly press and release the left mouse button twice.
Drag	Hold down the left mouse button while moving the mouse and release the button.
Press	Press the specified key or key combination on your keyboard, for example, press CTRL+ALT+DEL.
Right-click	Place the mouse pointer over an area of the application window, and then press and release the right mouse button to display the shortcut menu. For more information about using shortcut menus, see your Windows documentation.
Select	<p>Place the mouse pointer over the check box for the specified option, then click the left mouse button so that an X or check mark appears in the check box.</p> <p>Or:</p> <p>Place the mouse pointer over the specified box or button, and then click the left mouse button.</p>
Type	Type the information. Do not press the ENTER or RETURN key.

Symbols



Important: This symbol tells you about things that may cause process delays or reduce functionality, reliability, or quality.



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



Tip: This symbol draws attention to information that can help you perform a task more quickly or easily.



The reference symbol tells you that related information on the topic is available in another CreoScitex document, or in another place in this guide.

For More Information

Visit Creo at www.creo.com for documentation, training courses, downloads, and service and support contacts.

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1

Setting Up Client Workstations

Default Network Printers on PC and Macintosh Clients	2
Defining a Printer on PC Client Workstations.....	3
Defining a Printer on Macintosh Client Workstations.....	46
LPR Printing with the CXP6000 Color Server	54

Default Network Printers on PC and Macintosh Clients

For Macintosh and PC networks, the CXP6000 Color Server provides three default network printers, known as virtual printers.

Virtual printers contain preset workflows that are automatically applied to all print jobs processed with that virtual printer. There is no requirement to reset job settings for each job. This functionality results in greatly increased printing efficiency.



Note: The job (print) parameters set in the job override the parameters set in the virtual printer.

CXP6000 Color Server preset virtual printers:

- **ProcessPrint**
Files sent to this printer are automatically processed and printed to the printer through the CXP6000 Color Server.
- **ProcessStore**
Files sent to this printer are automatically processed and sent to the Storage Folder of the CXP6000 Color Server. You can later submit the jobs to be printed, or change the parameters of a job and resubmit it for processing.
- **SpoolStore**
Files sent to this printer are automatically stored in the CXP6000 Color Server's Storage Folder until the print operator submits them for processing and printing.

An additional default network printer is provided for Macintosh networks.

- **FontDownloader**
This is a special network printer used with Macintosh clients to download fonts. The FontDownloader functions as a communications port, sending messages between the FontDownloader program and the CXP6000 Color Server. It is not possible to send files via the FontDownloader, only fonts.

The CXP6000 Color Server enables you to select which virtual printer to print to. It also allows you to define new virtual printers, with printing workflows tailored to your specific job requirements.



For more information see Chapter 5, “Administrating the System” in the *CXP6000 Color Server Printing Guide*.

Defining a Printer on PC Client Workstations

PC client workstations with the following operating systems installed, can print to the CXP6000 Color Server: Windows 98/ME and Windows NT 4.0/2000 and XP. The CXP6000 Color Server network printers are defined using the Windows Add Printer Wizard - Network Printers.

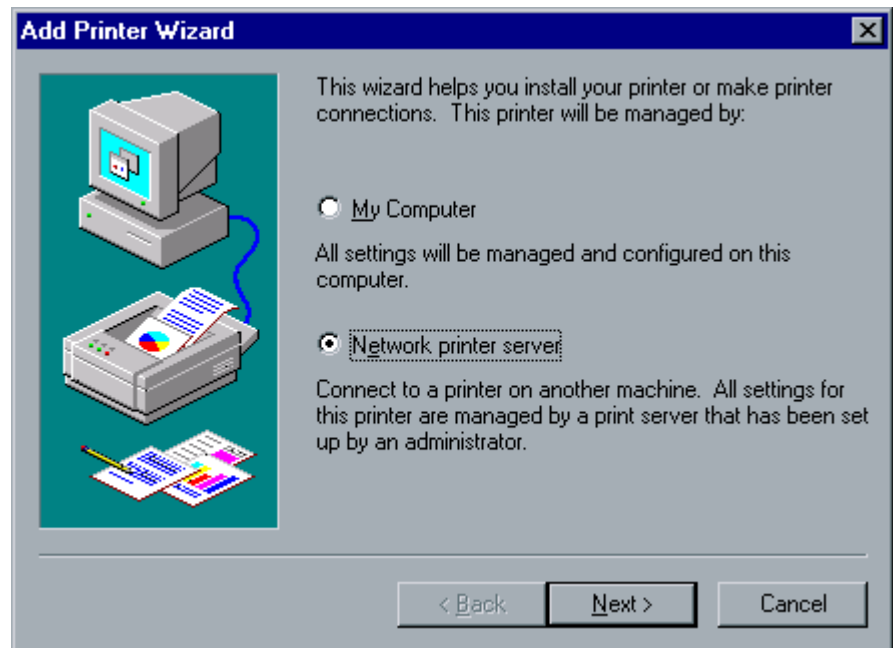


Note: When adding a new CXP6000 Color Server network printer to a client workstation, there is no need to install the CXP6000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the Windows Add Printer Wizard.

Defining a Printer - Windows NT 4.0

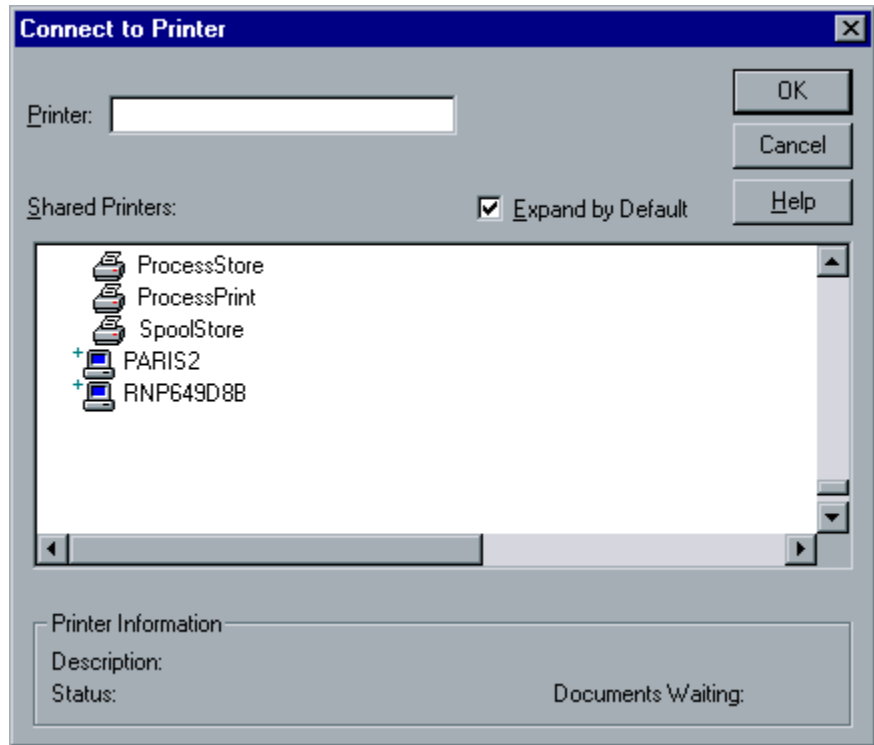
To define a CXP6000 Color Server Network Printer through the Windows Add Printer Wizard:

1. On your Windows desktop, click the **Start** button and follow the path **Settings>Printers**.
2. Double-click the **Add Printer** icon.
The Add Printer Wizard appears.



3. Select **Network Printer Server** and click **Next**.

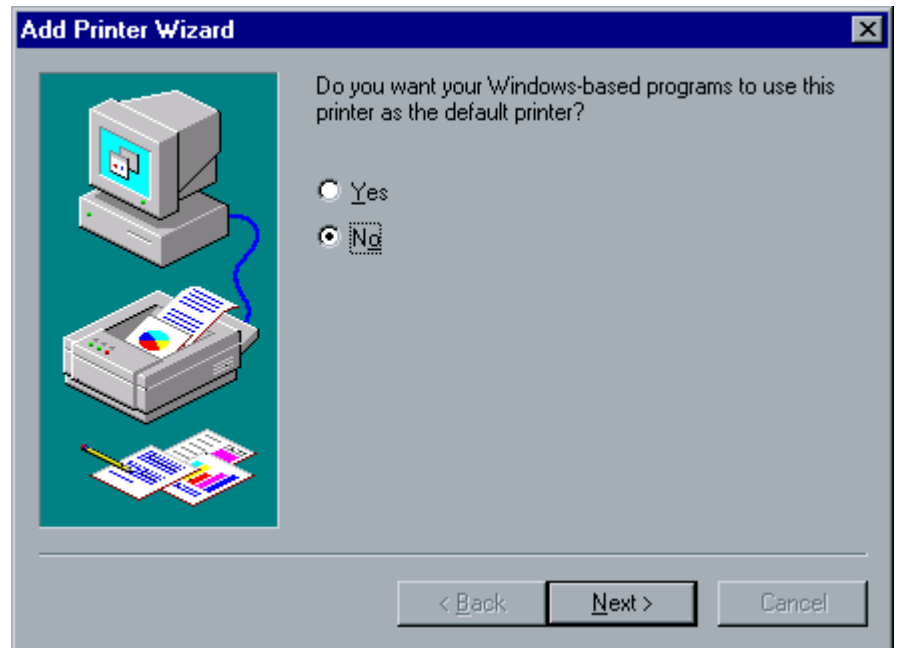
4. Browse through the network for the CXP6000 Color Server and double-click the server name.
A list of the network printers is displayed.



Note: The CXP6000 Color Server is provided with three network printers: ProcessPrint, ProcessStore and SpoolStore.

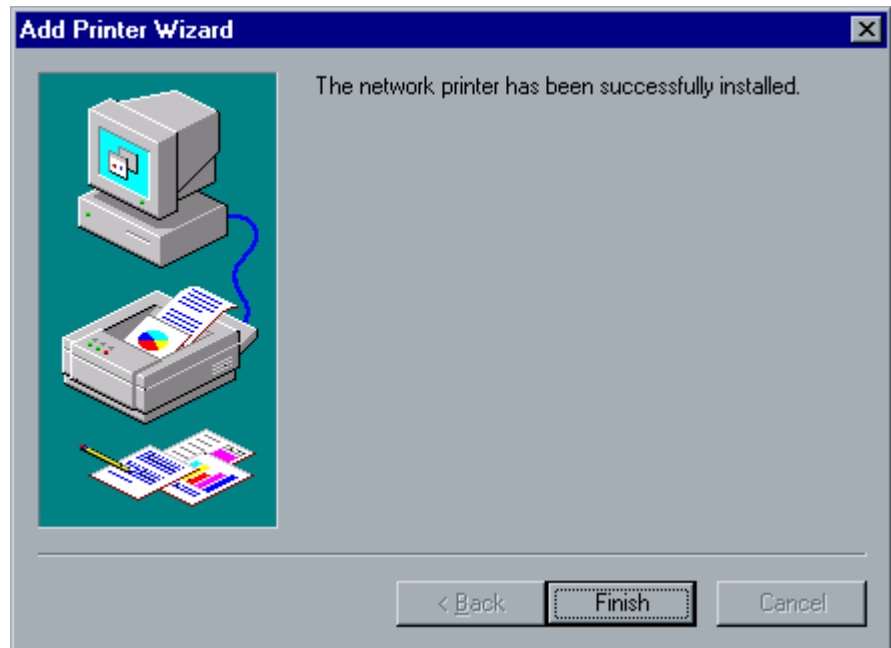
5. Select one of the network printers (for example, **ProcessPrint**), and click **OK**.

The following window appears.



6. If you want to set this printer as the default printer on your computer, select **Yes**. Otherwise, select **No**.
7. Click **Next**.

The following window appears.



8. Click **Finish** to complete the setup.
The CXP6000 Color Server network printer is now successfully installed.
9. Repeat the above process to install additional network printers.

To define a CXP6000 Color Server Network Printer through the Network Neighborhood:

1. Browse to the required network printer.
2. Double-click the network printer icon.
A Printers message appears.
3. Click **Yes** to setup the printer.
The network printer is defined on your PC client workstation.
4. Repeat the above process to install additional network printers.
5. From the **Printers** list, select the CXP6000 Color Server and click **Next**.

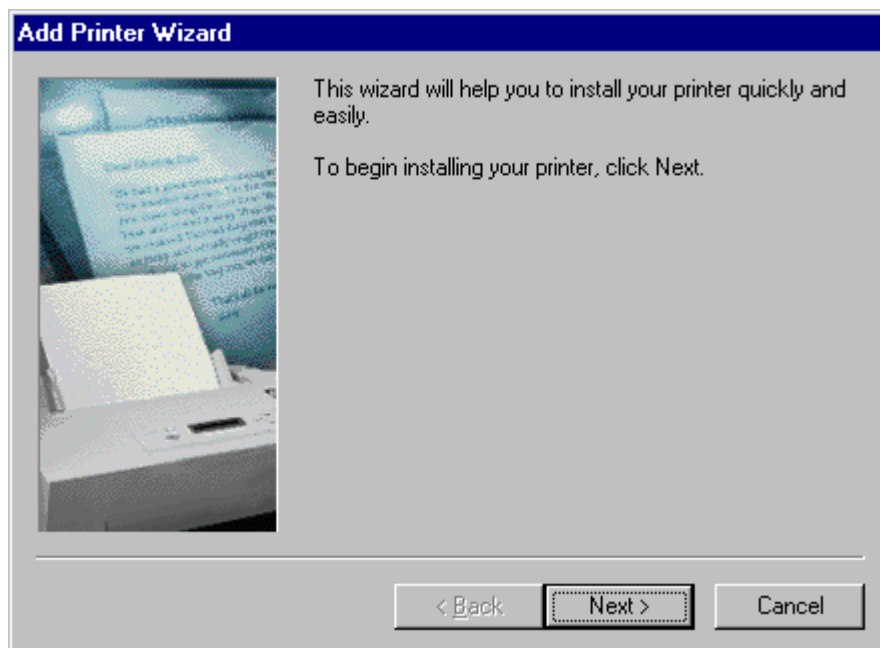
Defining a Printer - Windows 98



Note: When adding a new CXP6000 Color Server network printer to a client workstation, there is no need to install the CXP6000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the **Windows>Add Printer Wizard**.

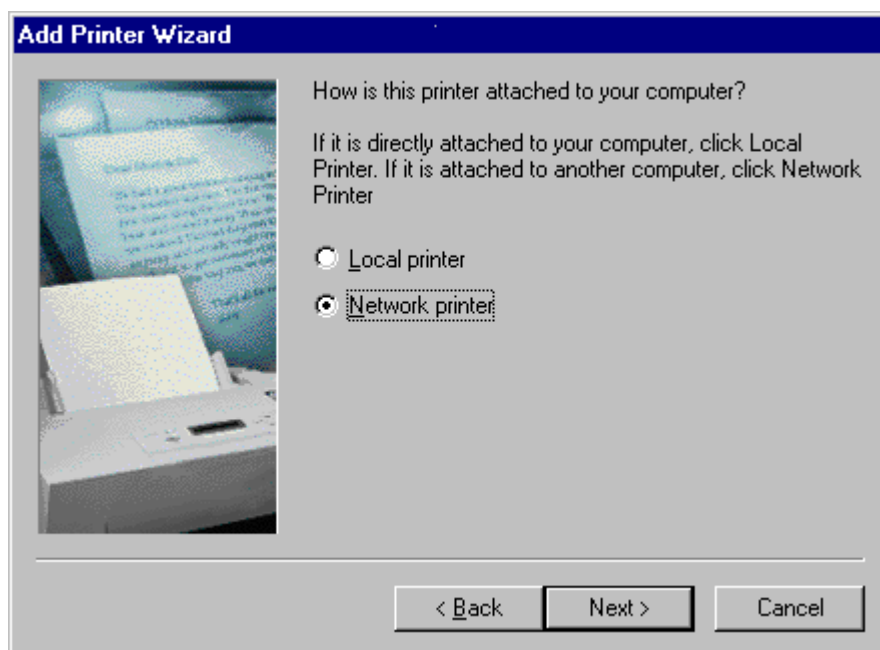
To define a CXP6000 Color Server network printer through the Windows Add Printer Wizard:

1. On your Windows desktop, click the **Start** button, and follow the path **Settings>Printers**.
2. Double-click the **Add Printer** icon.
The Add Printer Wizard appears.



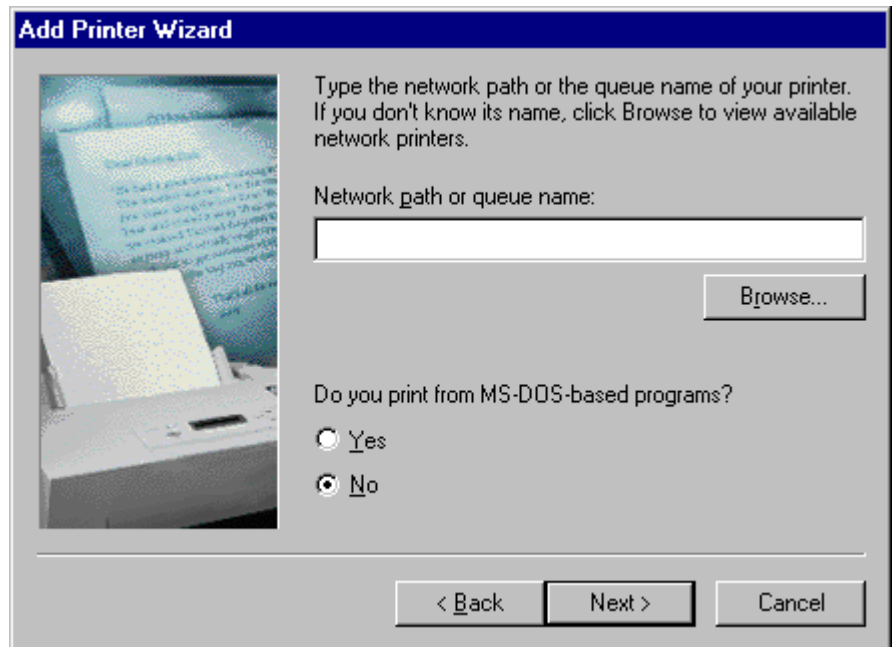
3. Click **Next**.

The following window appears.



4. Select **Network printer** and click **Next**.

The following window appears.



Add Printer Wizard

Type the network path or the queue name of your printer. If you don't know its name, click Browse to view available network printers.

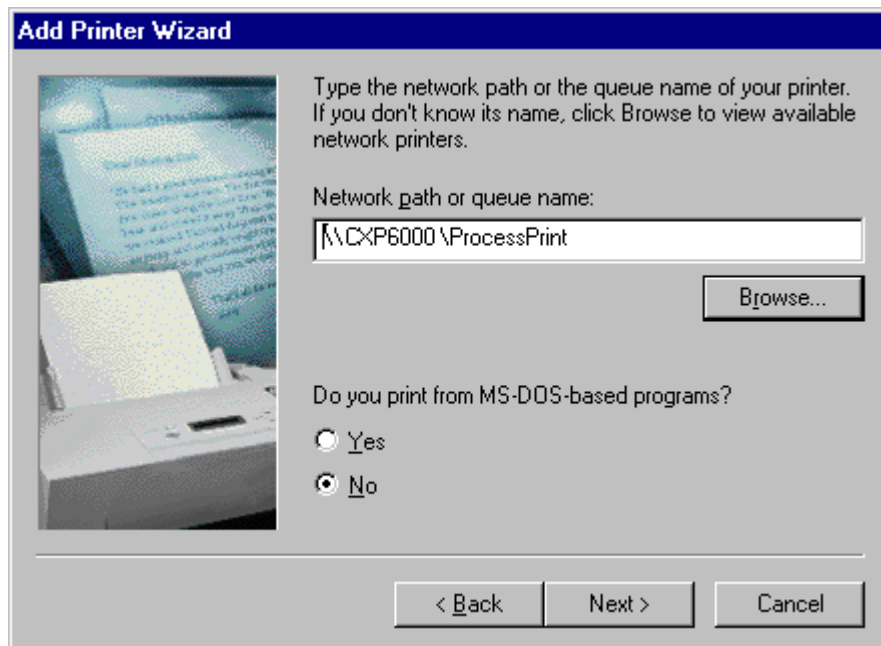
Network path or queue name:

Do you print from MS-DOS-based programs?

☐ Yes

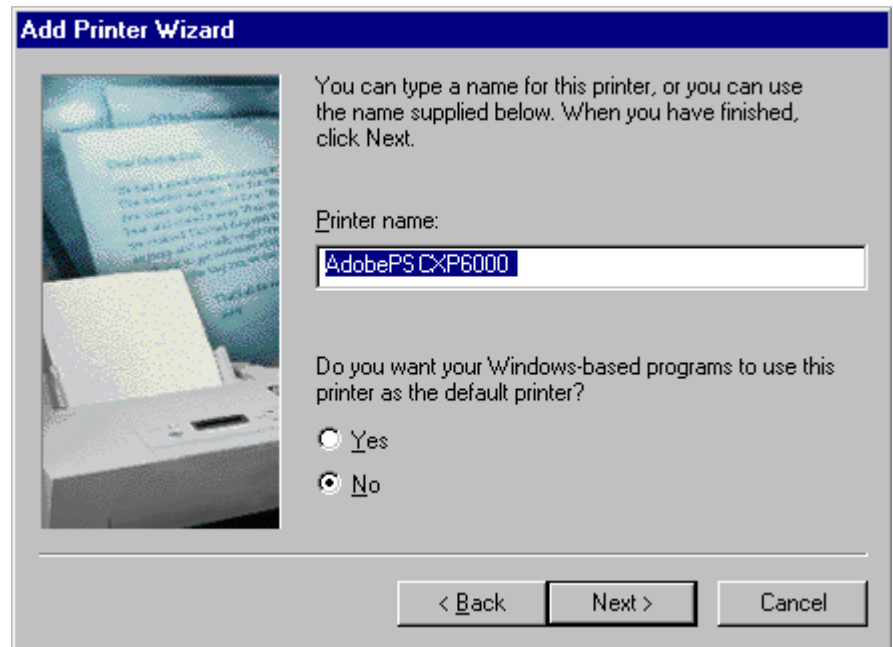
☒ No

5. Type the network path or the queue name of your printer. If you don't know the exact name, click **Browse** to view the available network printers.



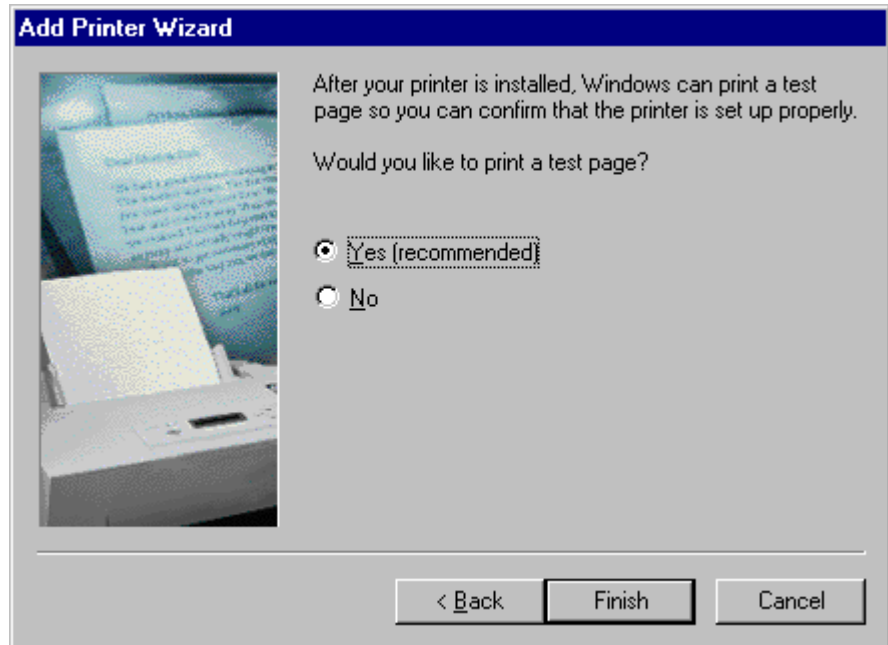
6. Select one of the network printers (for example, **ProcessPrint**).
7. Click **OK**.
8. Click **Next**.

The following window appears.



9. If you want to set this printer as the default printer on your computer, select **Yes**. Otherwise, select **No**.
10. Click **Next**.

The following window appears.



11. Select **Yes** to print a test page.
The CXP6000 Color Server network printer is now successfully installed.
12. Click **Finish** to complete the setup.
13. Repeat the above process to install additional network printers.

To define a CXP6000 Color Server Network Printer through the network neighborhood:

1. Browse to the required network printer.
2. Double-click the network printer icon.
The Add Printer Wizard appears and the network printer is defined on your PC client workstation.
3. Repeat the above process to install additional network printers.

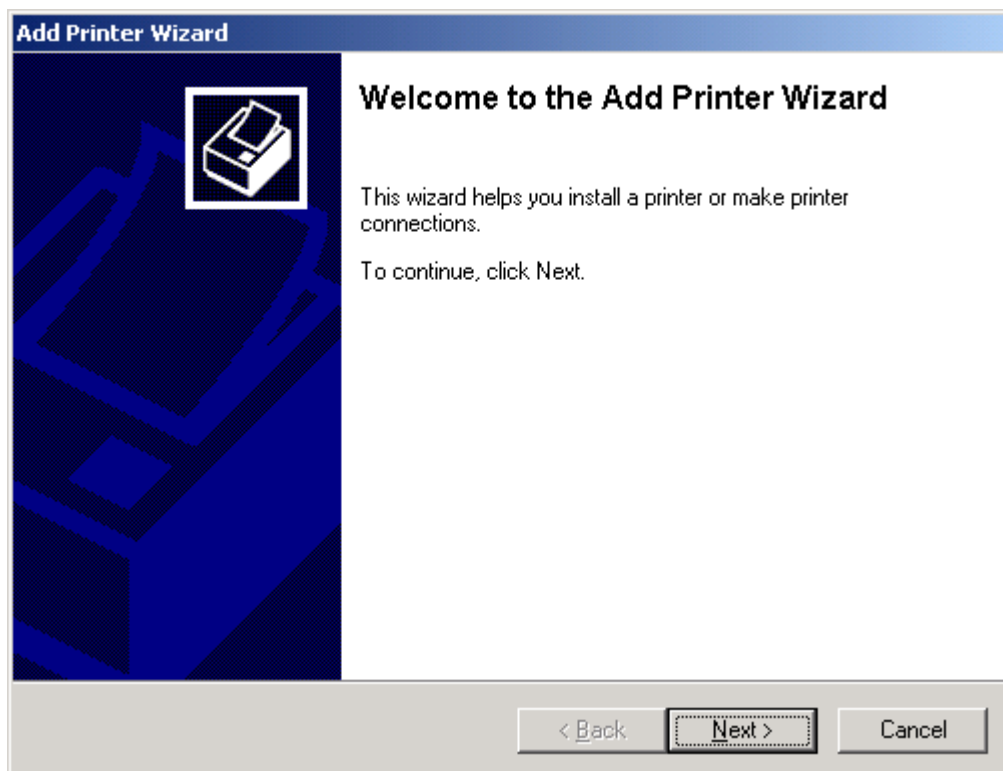
Defining a Printer - Windows 2000 and ME



Note: When adding a new CXP6000 Color Server network printer to a client workstation, there is no need to install the CXP6000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the Windows Add Printer Wizard.

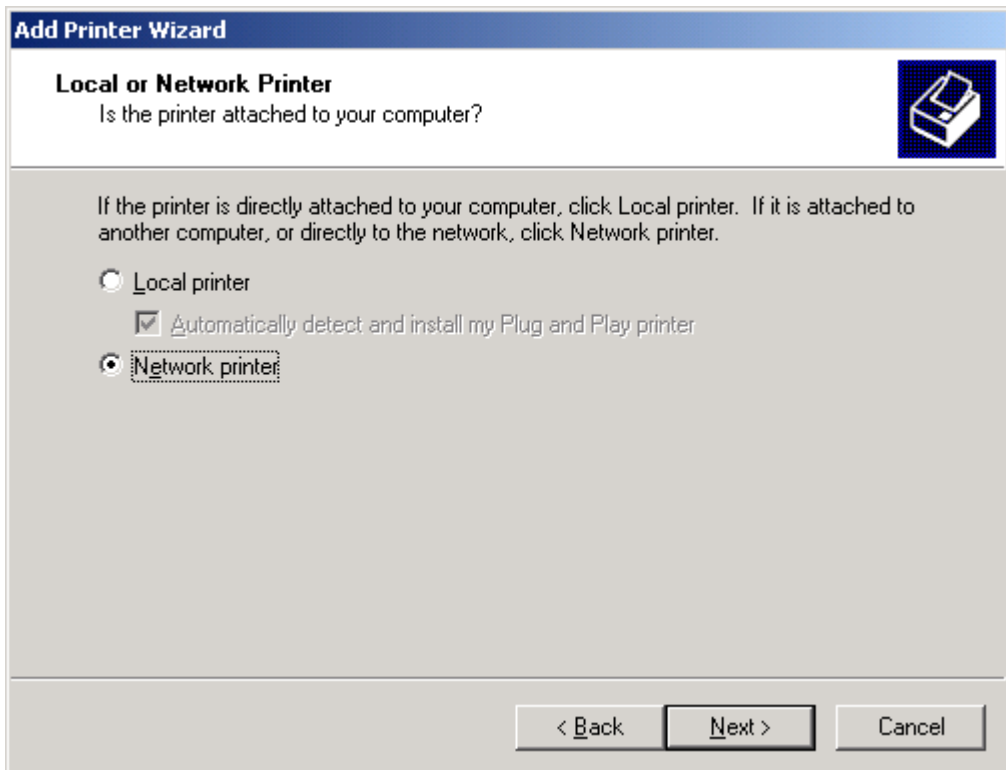
To define a CXP6000 Color Server network printer through the Windows Add Printer Wizard:

1. On your Windows desktop, click the **Start** button and follow the path **Settings>Printers**.
2. Double-click the **Add Printer** icon.
The Add Printer Wizard appears.



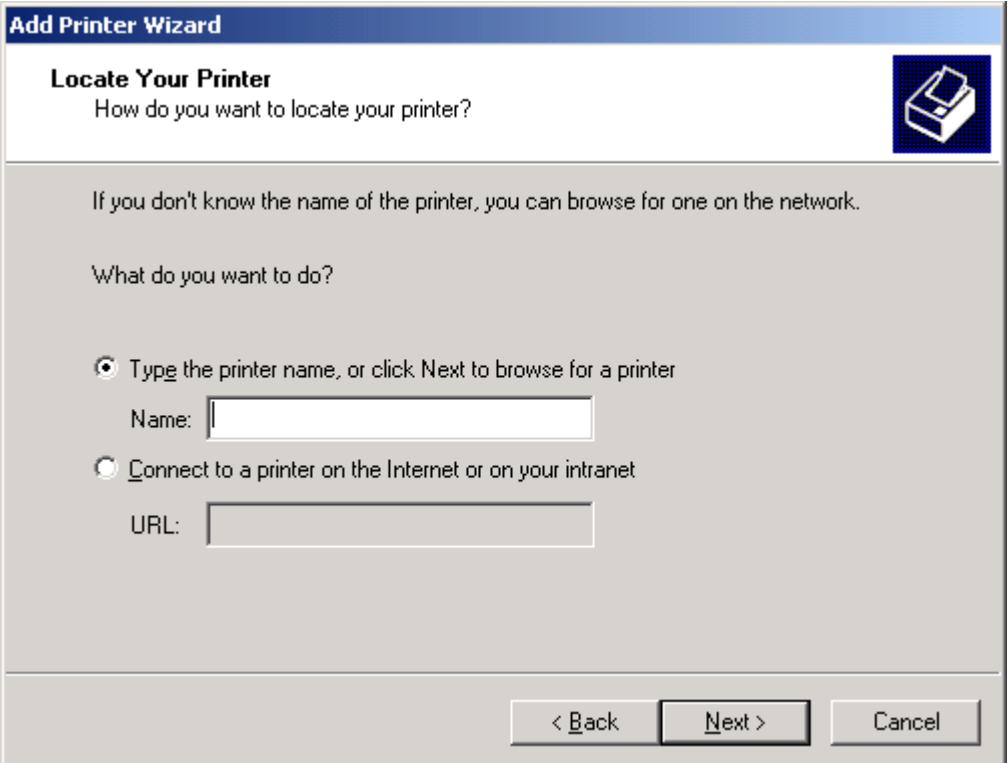
3. Click **Next**.

The following window appears.



4. Select **Network printer**.
5. Click **Next**.

The following window appears.



The screenshot shows a Windows-style dialog box titled "Add Printer Wizard". The main heading is "Locate Your Printer" with a sub-question "How do you want to locate your printer?". A printer icon is in the top right. The text explains that if the printer name is unknown, it can be browsed for on the network. It then asks "What do you want to do?". There are two radio button options: "Type the printer name, or click Next to browse for a printer" (which is selected) and "Connect to a printer on the Internet or on your intranet". The first option has a "Name:" label and a text input field. The second option has a "URL:" label and a text input field. At the bottom are three buttons: "< Back", "Next >", and "Cancel".

Add Printer Wizard

Locate Your Printer
How do you want to locate your printer?

If you don't know the name of the printer, you can browse for one on the network.

What do you want to do?

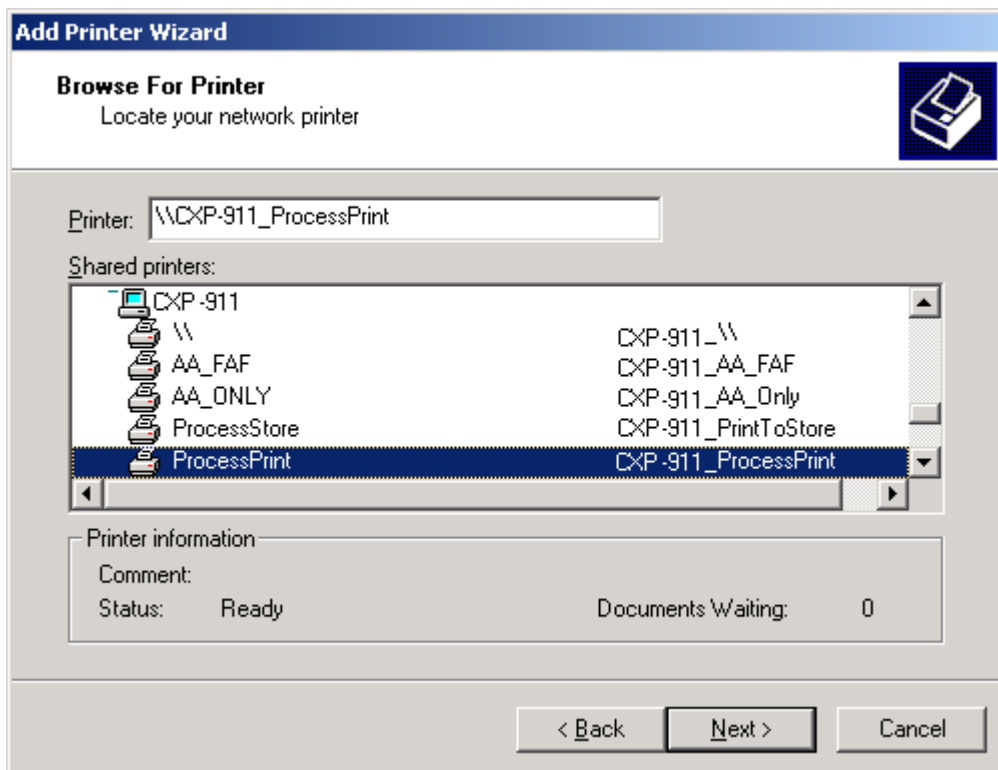
☒ **Type the printer name, or click Next to browse for a printer**
Name:

☐ **Connect to a printer on the Internet or on your intranet**
URL:

< Back Next > Cancel

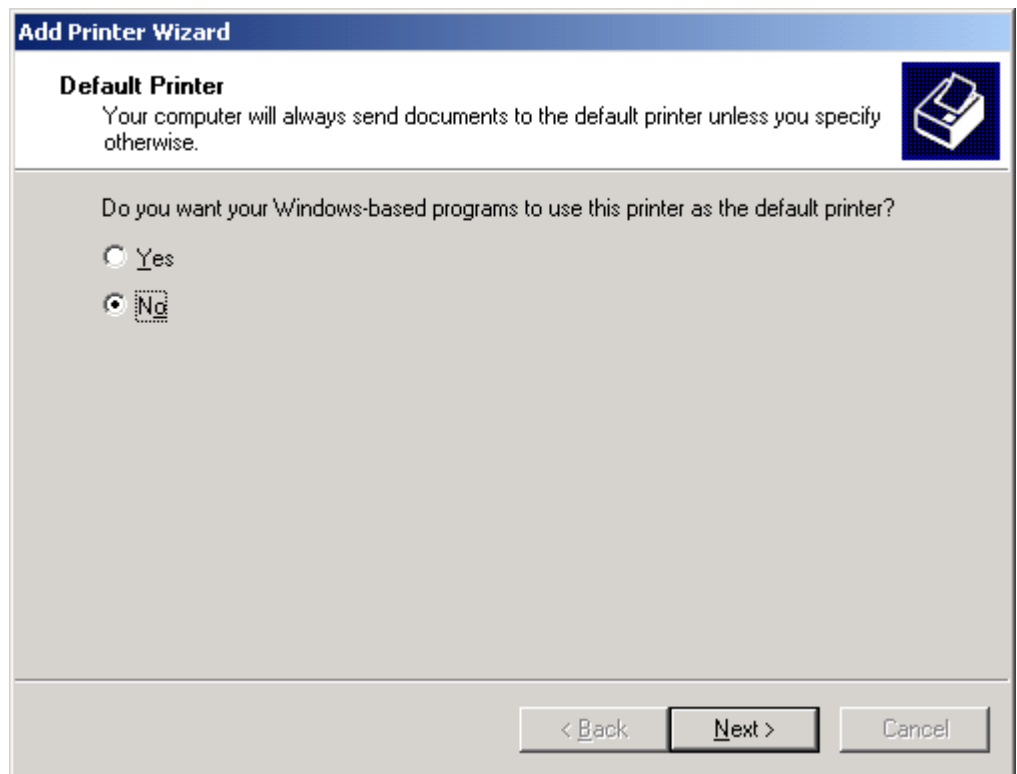
6. Select **Type the printer name, or click Next to browse for a printer**.
7. Type the exact name of the printer in the **Name** box.
Or:
Click **Next** to browse for a printer.

The following window appears.



8. Select one of the network printers (for example, **ProcessPrint**).
9. Click **Next**.

The following window appears.



10. If you want to set this printer as the default printer on your computer, select **Yes**. Otherwise, select **No**.
11. Click **Next**.

The following window appears.



12. Click **Finish** to complete the setup.
The CXP6000 Color Server network printer is now successfully installed.
13. Repeat the above process to install additional network printers.

To define a CXP6000 Color Server network printer through Network Neighborhood:

1. Browse to the required network printer.
2. Double-click the network printer icon.
A Printers message appears.
3. Click **Yes** to setup the printer.
The network printer is defined on your PC client workstation.
4. Repeat the above process to install additional network printers.

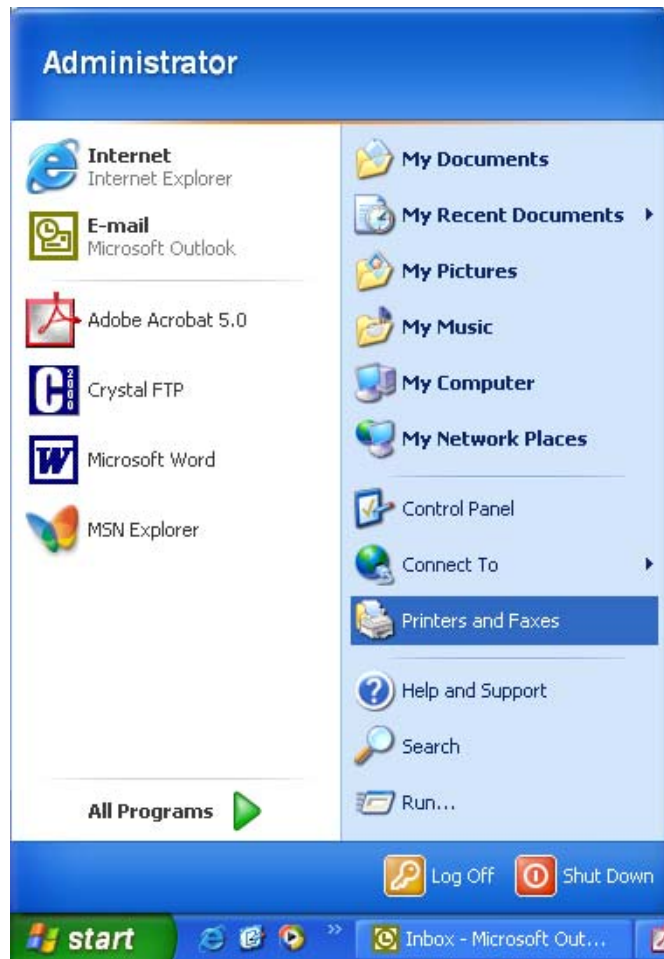
Defining a Printer - Windows XP



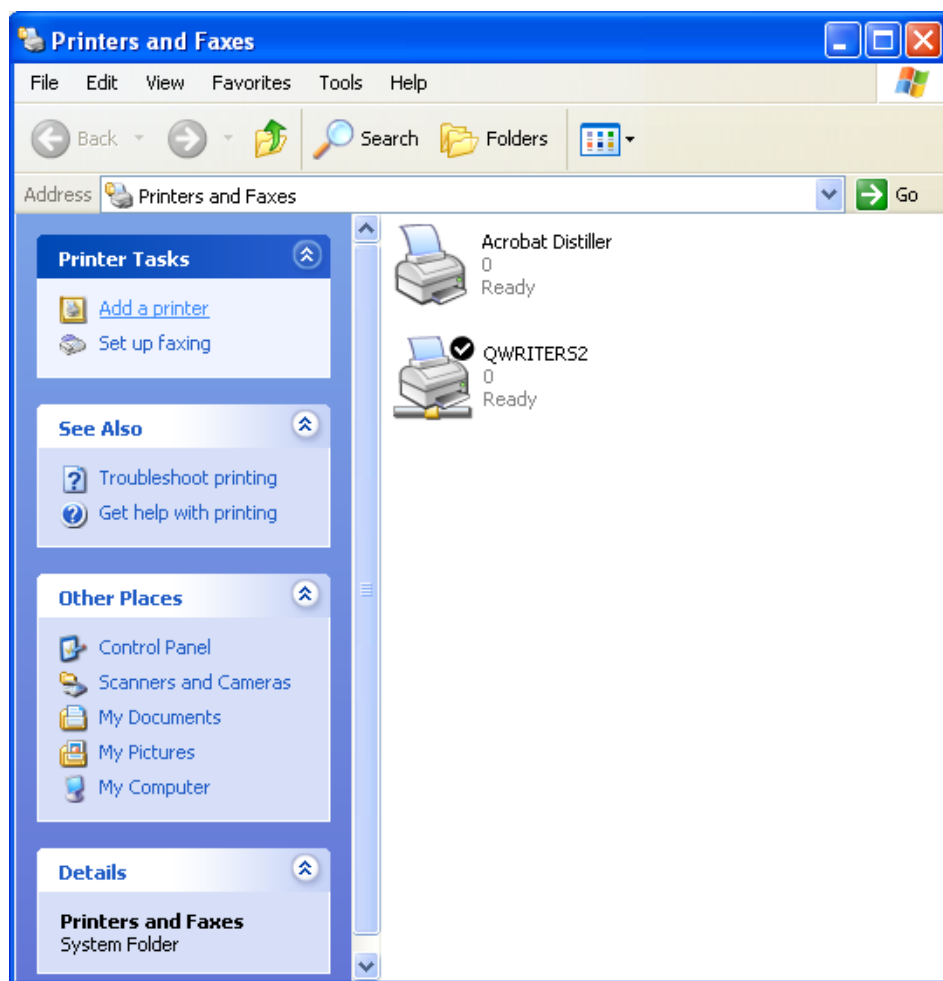
Note: When adding a new CXP6000 Color Server network printer to a client workstation, there is no need to install the CXP6000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the Windows Add Printer Wizard.

To define a CXP6000 Color Server network printer through the Windows Add Printer Wizard:

1. On your Windows desktop, click the **Start** button and follow the path **Printers and Faxes**.

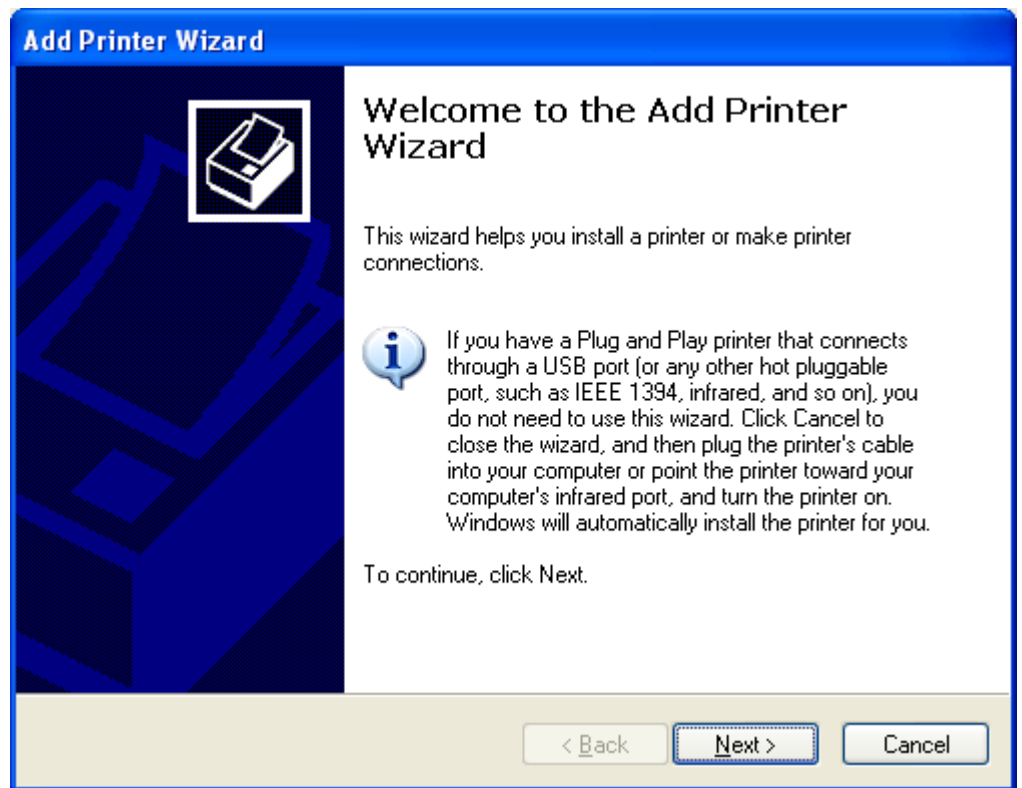


The Printer and Faxes window appears.



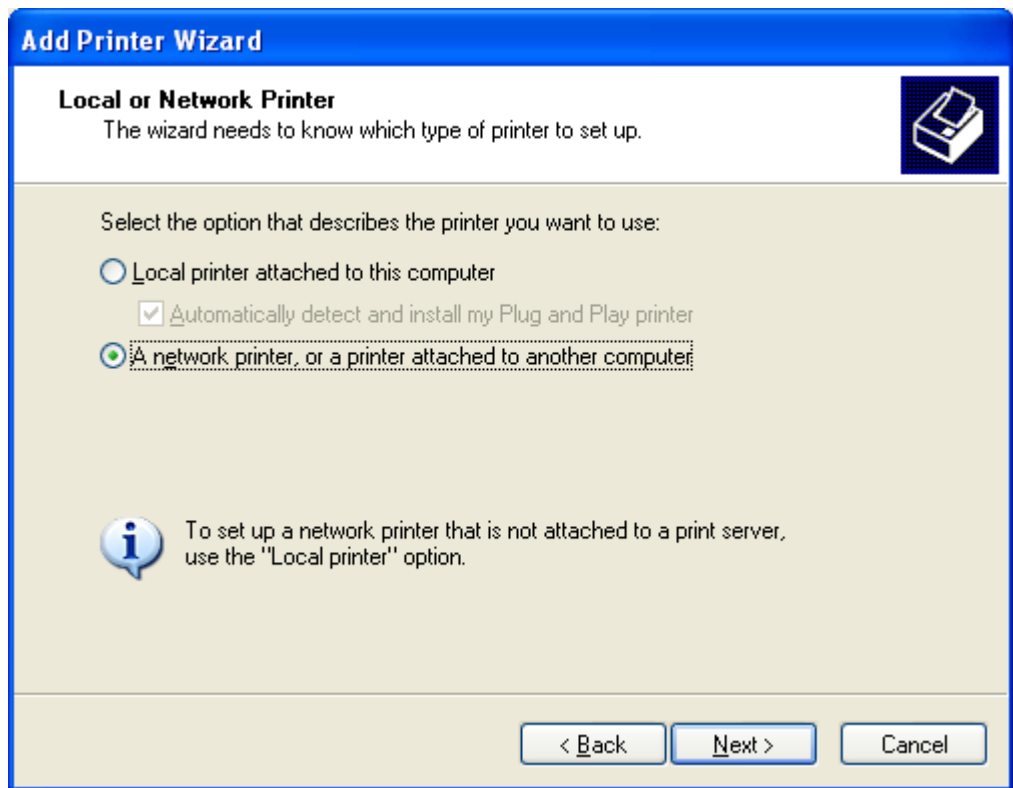
2. From the **Printer Tasks**, select **Add a printer**.

The Add Printer Wizard appears.



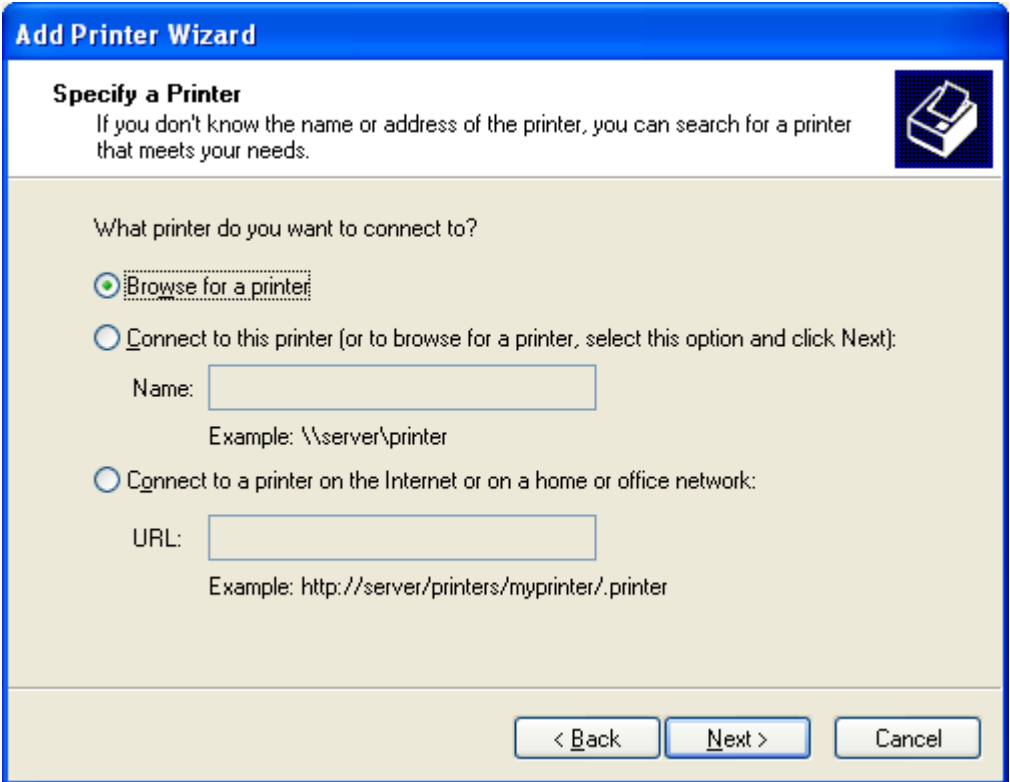
3. Click **Next**.

The Local or Network Printer window appears.



4. Select **A network printer, or a printer attached to another computer** and click **Next**.

The Specify a Printer window appears.



The screenshot shows the 'Add Printer Wizard' window with the title bar 'Add Printer Wizard'. The main heading is 'Specify a Printer'. Below the heading is a sub-header 'Specify a Printer' and a paragraph: 'If you don't know the name or address of the printer, you can search for a printer that meets your needs.' To the right of this text is a printer icon. The main content area has a light beige background and contains the question 'What printer do you want to connect to?'. There are three radio button options: 1. 'Browse for a printer' (selected with a green dot). 2. 'Connect to this printer (or to browse for a printer, select this option and click Next):' with a text box for 'Name:' and an example '\\server\printer'. 3. 'Connect to a printer on the Internet or on a home or office network:' with a text box for 'URL:' and an example 'http://server/printers/myprinter/.printer'. At the bottom right are three buttons: '< Back', 'Next >', and 'Cancel'.

Add Printer Wizard

Specify a Printer
If you don't know the name or address of the printer, you can search for a printer that meets your needs.

What printer do you want to connect to?

☒ Browse for a printer

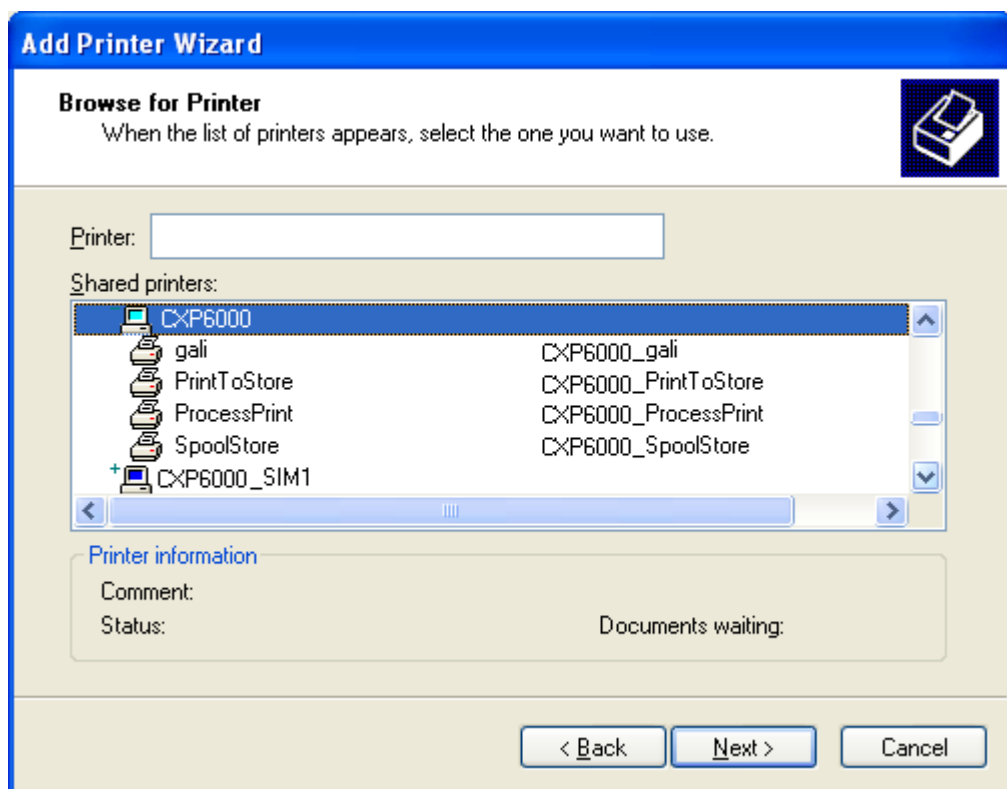
☐ Connect to this printer (or to browse for a printer, select this option and click Next):
Name:
Example: \\server\printer

☐ Connect to a printer on the Internet or on a home or office network:
URL:
Example: http://server/printers/myprinter/.printer

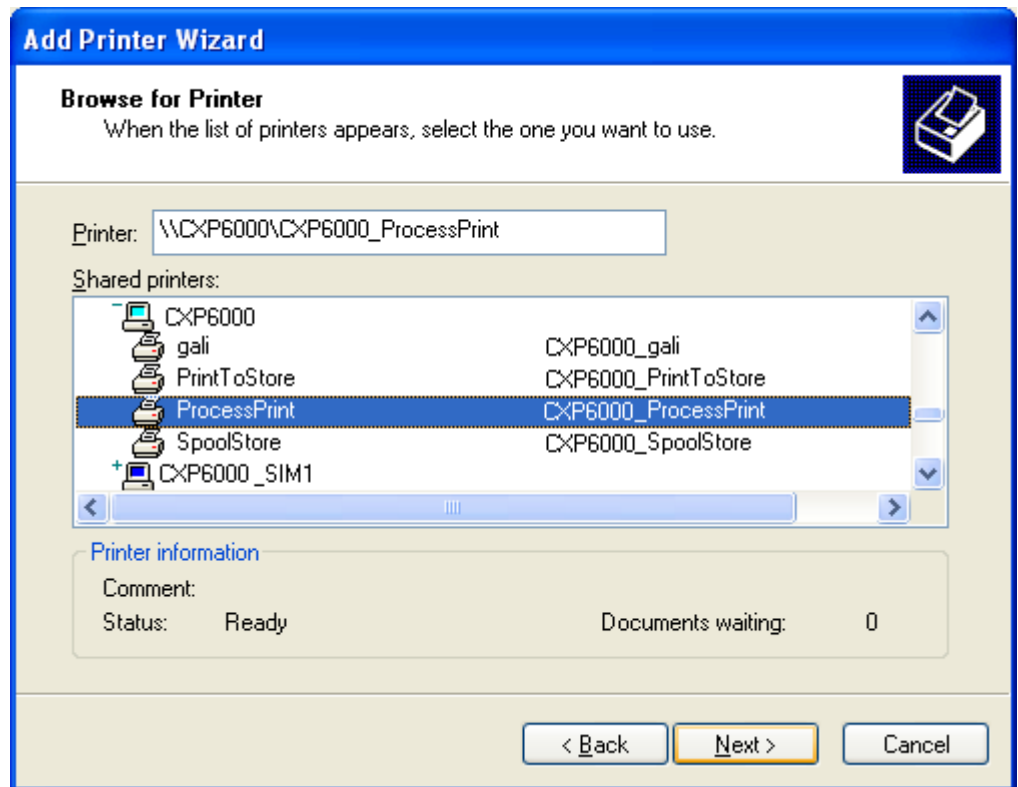
< Back Next > Cancel

5. Select **Browse for a printer** and click **Next**.

The Browse for Printer window appears.

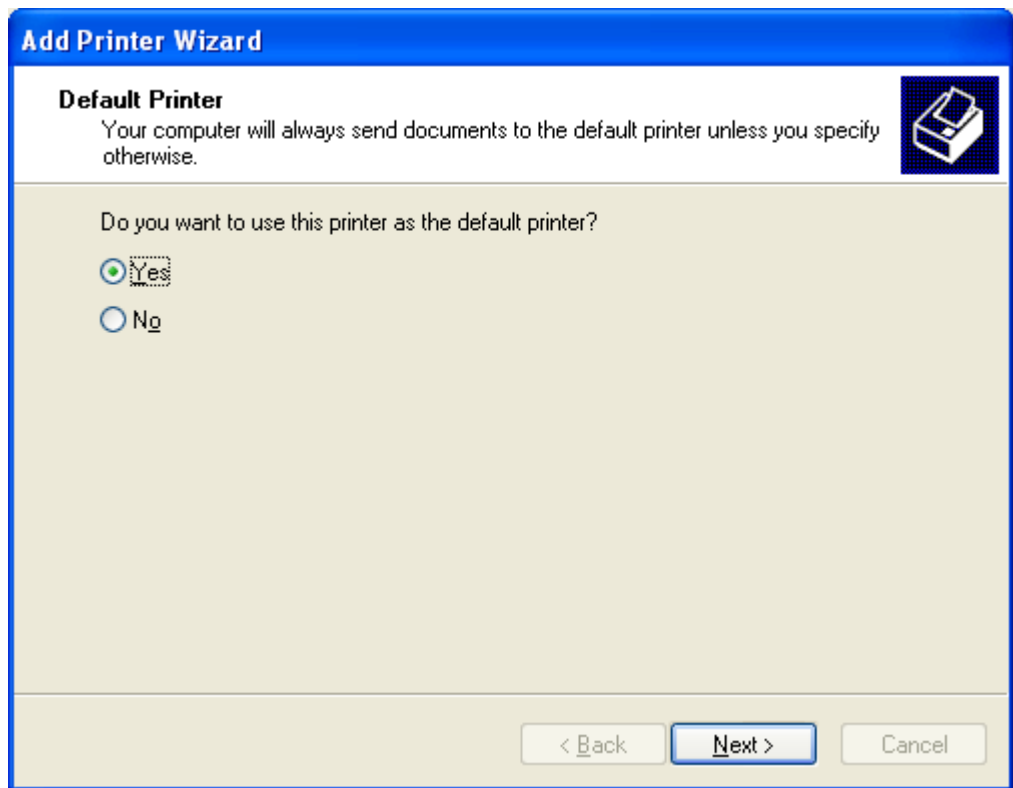


6. Browse to the CXP6000 Color Server and double-click it to display the list of network printers.



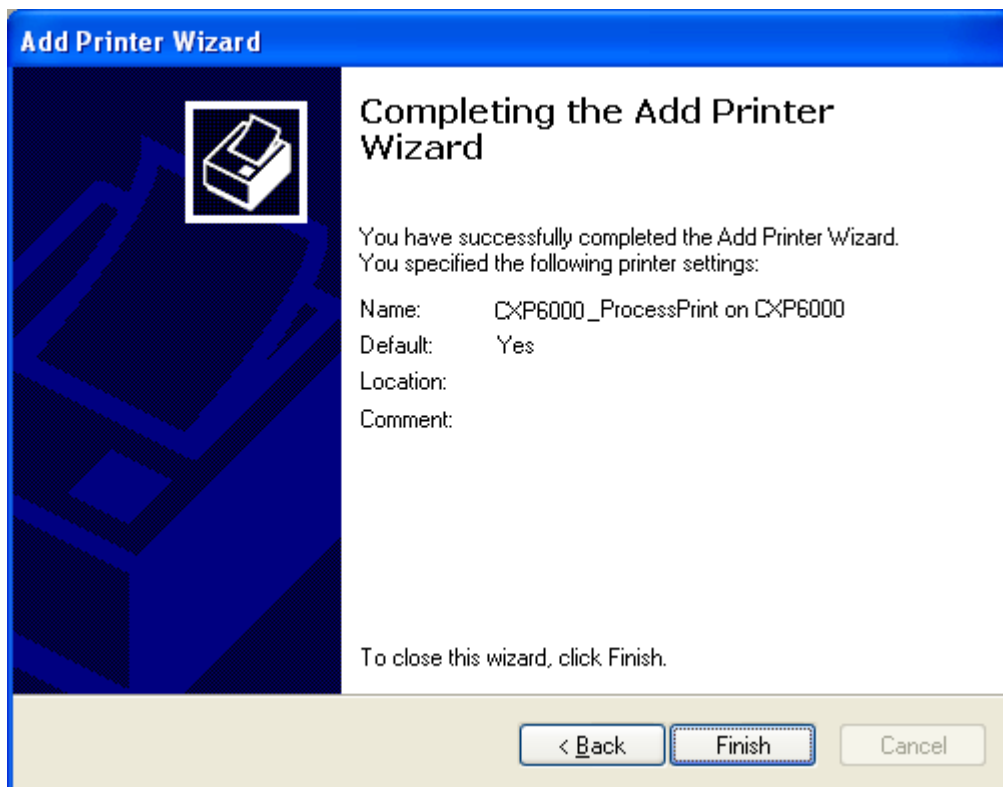
7. Select the printer you wish to setup and click **Next**.

The Default Printer window appears.



8. If you want to set this printer as the default printer on your computer, select **Yes**. Otherwise, select **No**.
9. Click **Next**.

The following window appears.



10. Click **Finish** to close the wizard.
The CXP6000 Color Server network printer is added to your printer list.

To define a CXP6000 Color Server network printer in Windows XP through the Network:

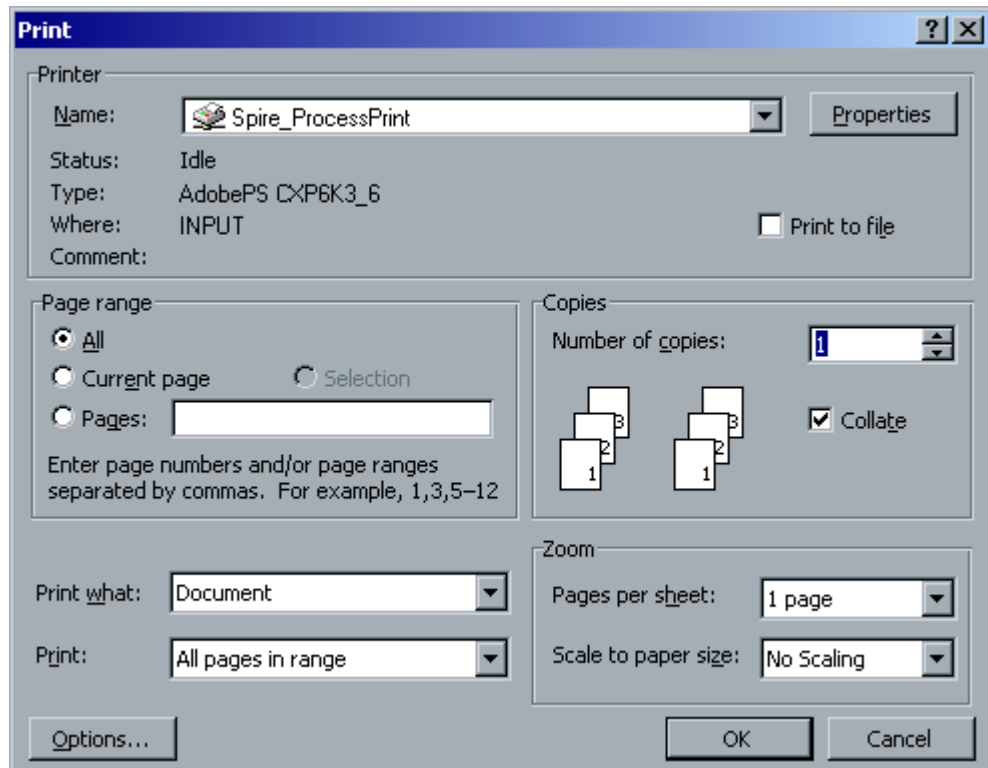
1. Browse to the required network printer.
2. Double-click on the network printer icon.
The network printer is defined on your PC client workstation.
3. Repeat the above process to install additional network printers.

Creating PostScript Files on the PC

The following procedures describe how to create PostScript files using the CXP6000 Color Server from the client workstation. This is useful when you are not connected to the CXP6000 Color Server and you need to distribute jobs for printing on the CXP6000 Color Server remotely or on external media. These files can then be imported to the CXP6000 Color Server for printing.

To create a PostScript File:

1. Open a job in your DTP application (for example, Microsoft Word), and from the **File** menu, select **Print**.
The Print window appears.



2. Select the **Print to File** check box.
3. Click **OK**.
A PostScript file is now created.

To define a Print to File printer locally:

1. Start the Adobe PostScript Driver application (the application is available on CD#3 in the **Utilities** folder, or at Adobe's Web site at www.adobe.com).

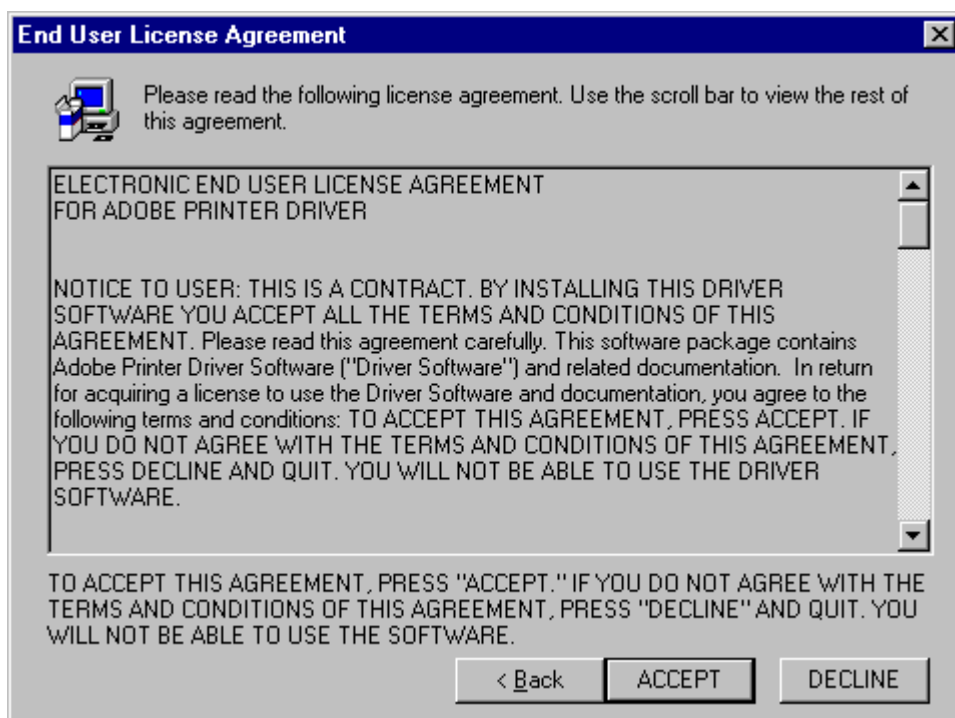


The Welcome window appears.



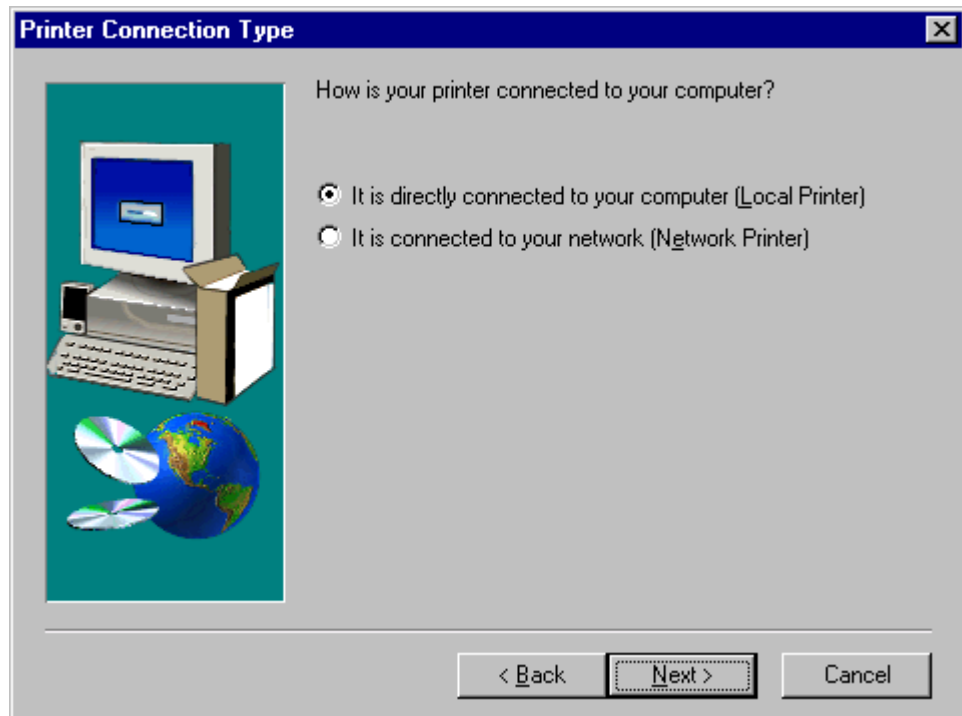
2. Click **Next**.

The End User License Agreement window appears.



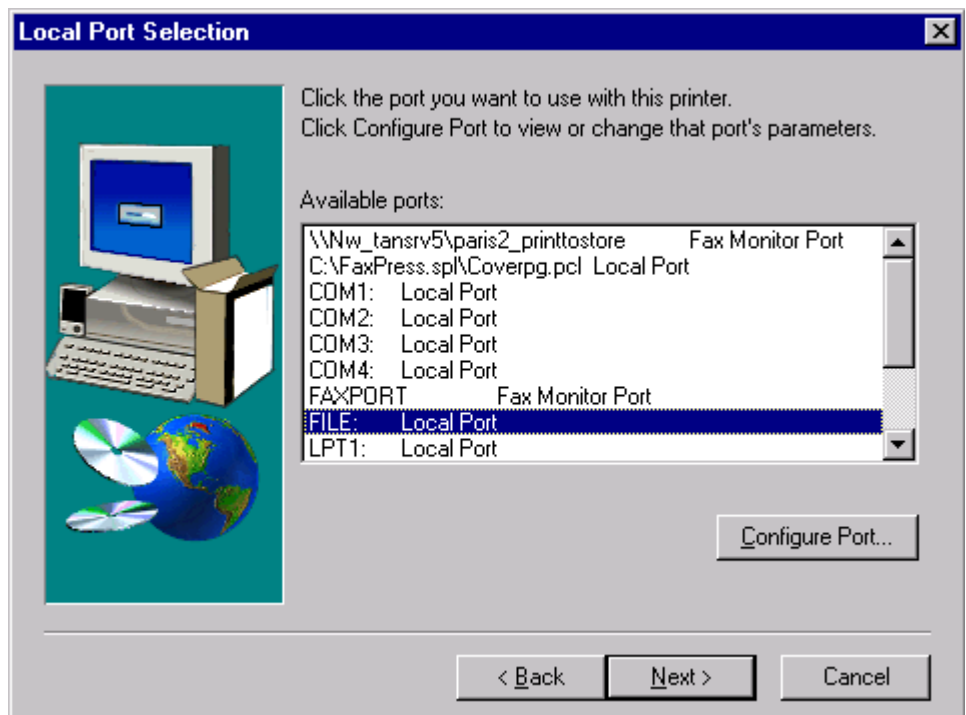
3. Read the License Agreement and click **ACCEPT**.

The following window appears.



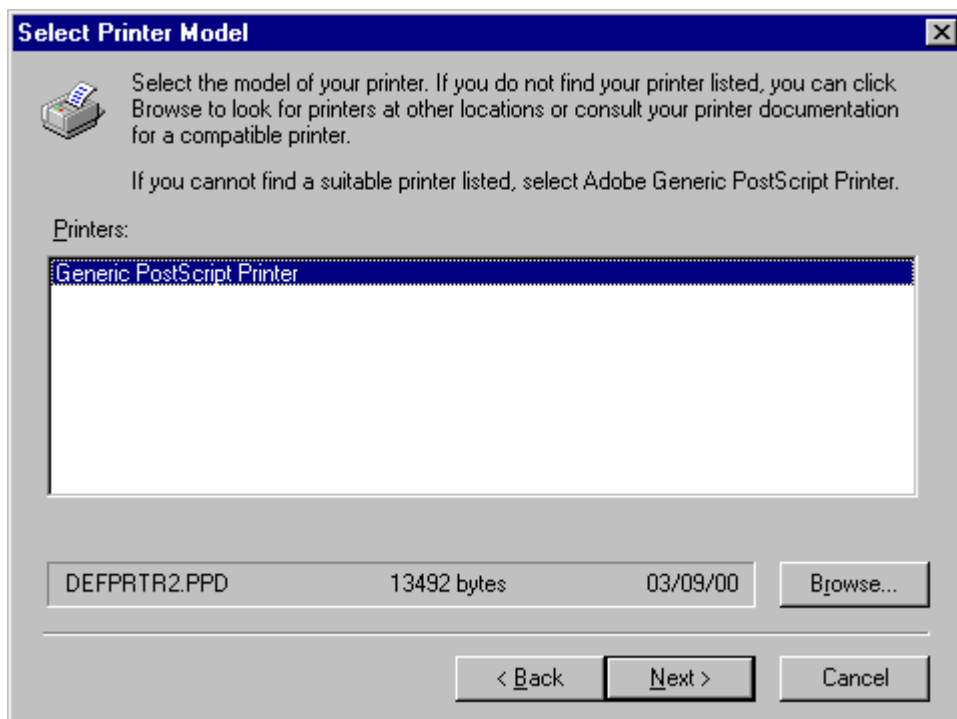
4. Select **It is directly connected to your computer (Local Printer)**, and click **Next**.

The following window appears.



5. Select the **FILE: Local Port** and click **Next**.

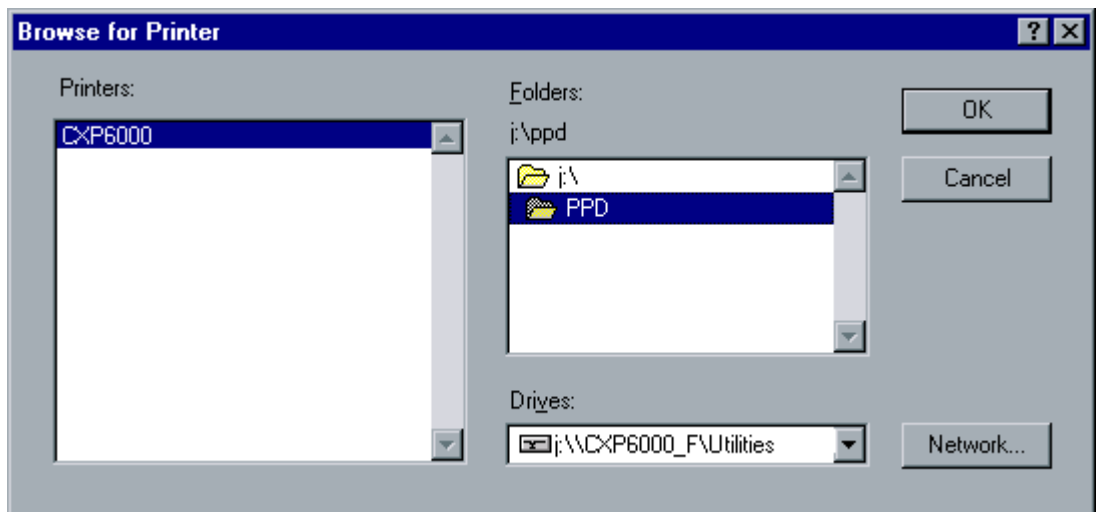
The following window appears.



Note: The next step is to configure the printer with the CXP6000 Color Server PPD. The CXP6000 Color Server PPD (**CXP6K3_6** for Xerox DocuColor 6060 and **CXP6K3_2** for DocuColor 2060/2045) is located in a shared folder on the CXP6000 Color Server.

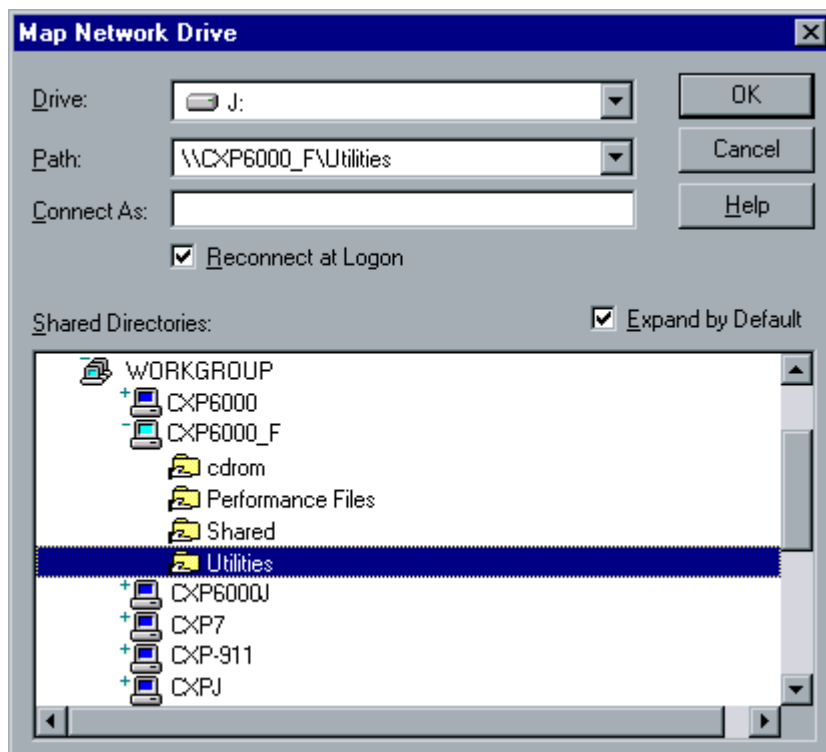
6. Click **Browse**.

The Browse for Printer window appears.



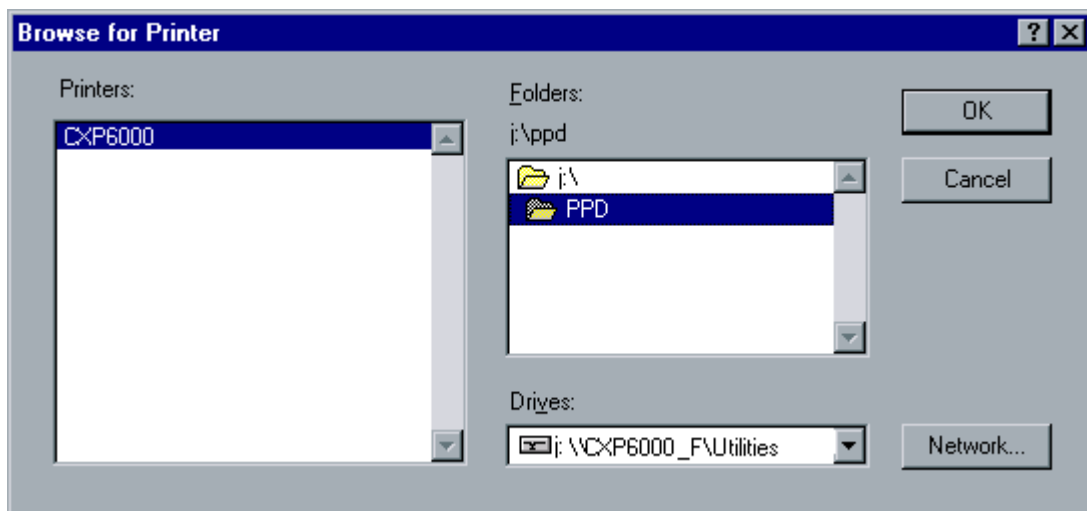
7. Click the **Network** button and browse to your CXP6000 Color Server.

The Map Network Drive window appears.



8. Locate the CXP6000 Color Server and double click on the server icon. Then, double-click the **Utilities** folder.
9. Click **OK**.

The Browse for Printer window appears.



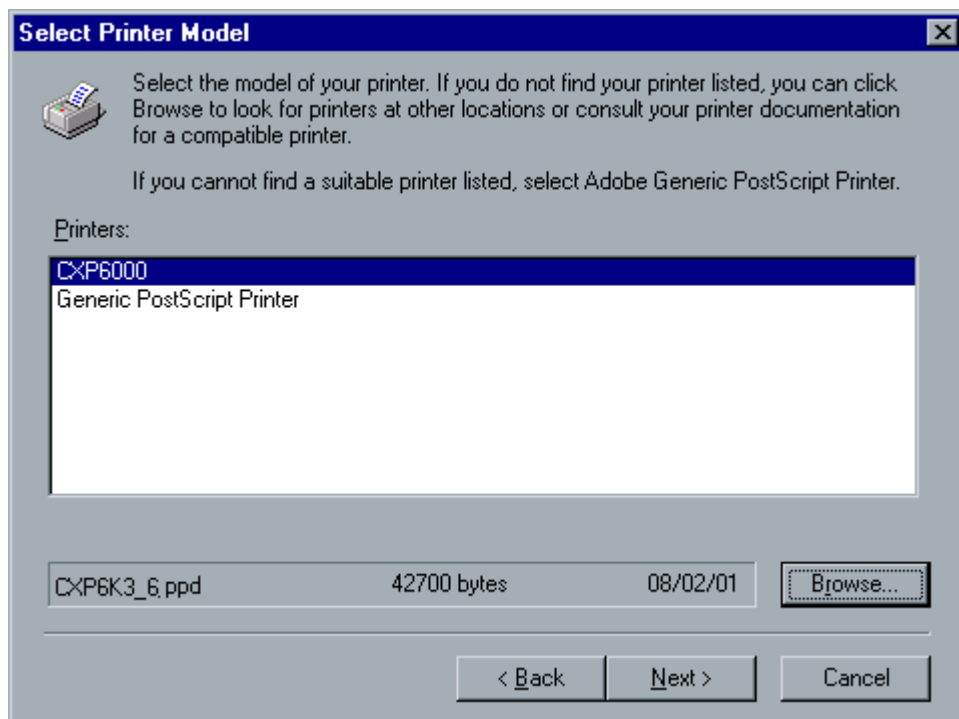
10. Double click the **PPD** folder and select the CXP6000 Color Server PPD: **CXP6K3_6.ppd**.



Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.

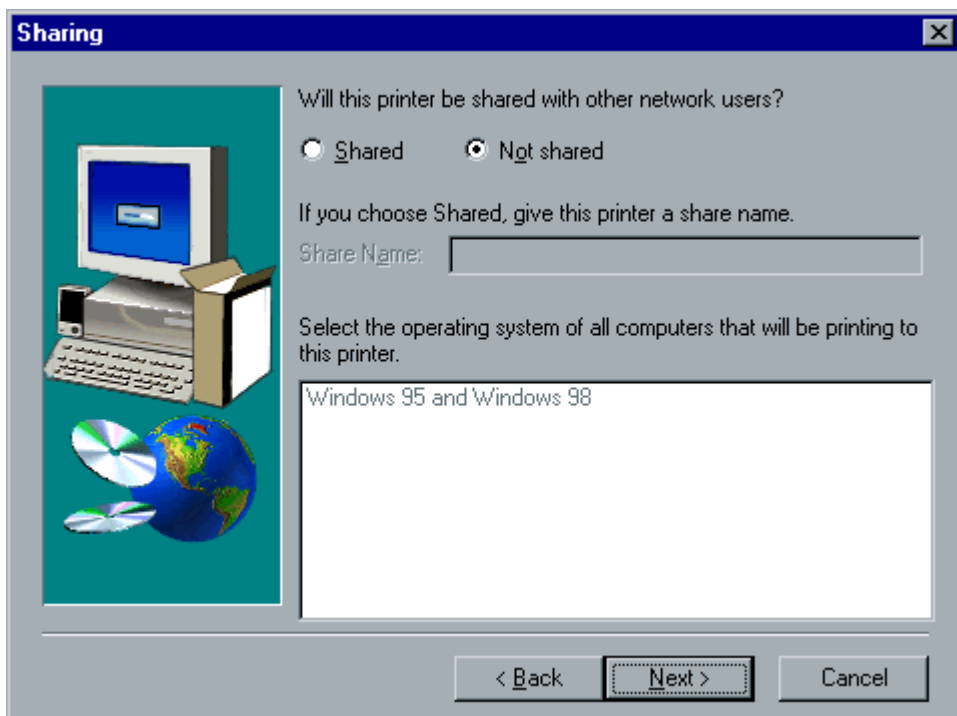
11. Click **OK**.

The following window appears.



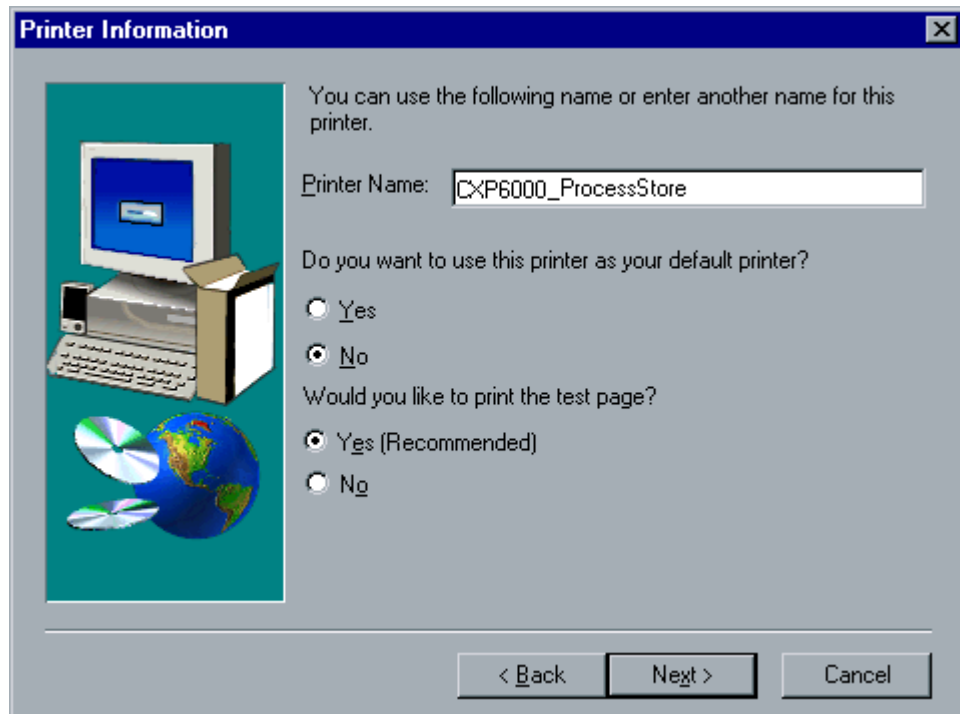
12. From the **Printers** list, select the CXP6000 Color Server printer, and click **Next**.

The following window appears.



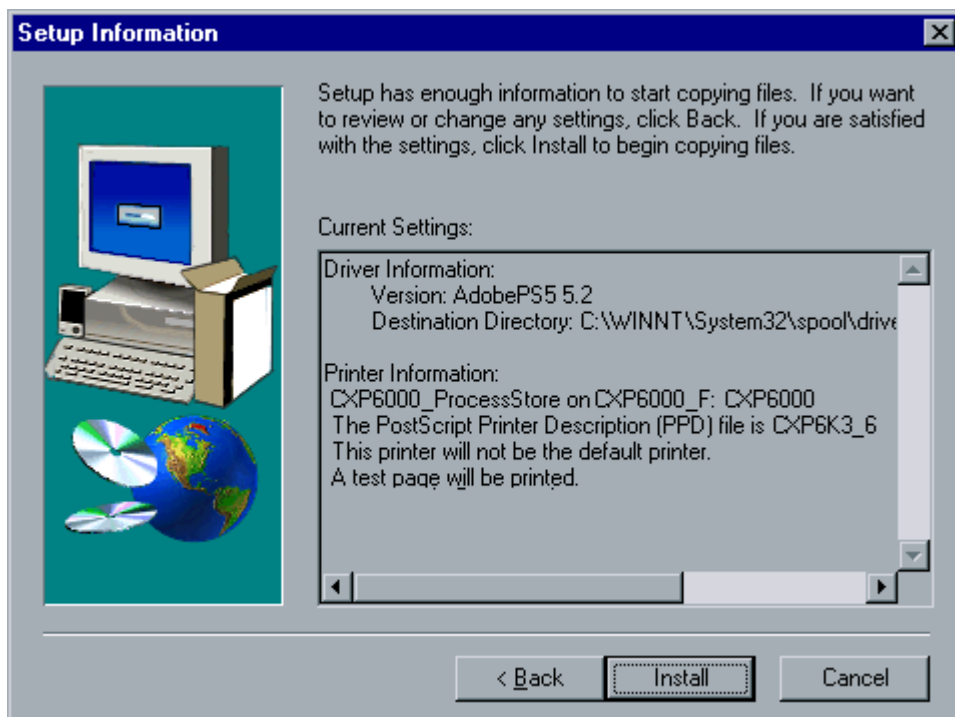
13. Select **Not Shared** and click **Next**.

The following window appears.



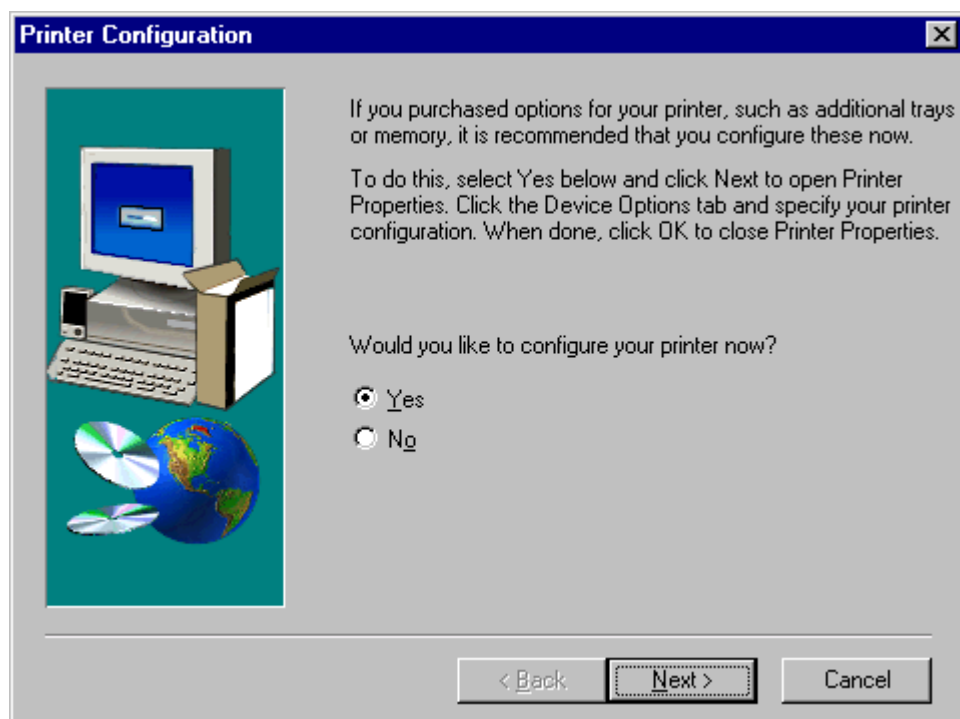
14. Type a name for the printer which you will be able to identify on the client workstation, for example **CXP6000_ProcessStore**.
15. Select **Yes (Recommended)** if you want to print a test page or select **No**, then click **Next**.

The following window appears.



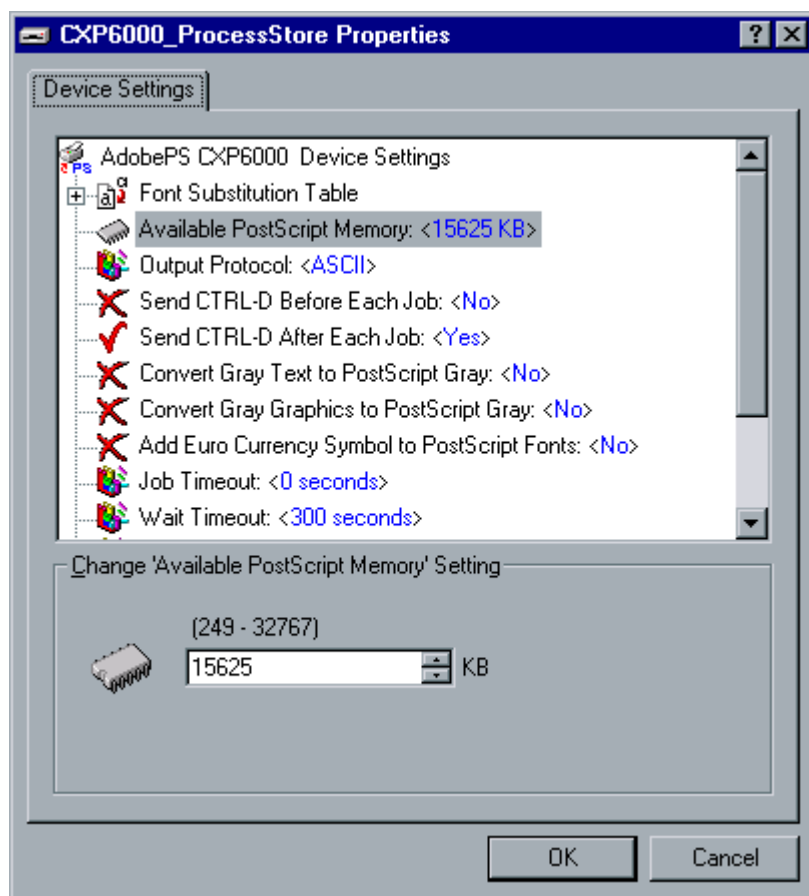
16. Click **Install** to install the Print to file printer with the CXP6000 Color Server PPD. When prompted to configure the printer, click **Yes** and then click **Next**.

The following window appears.



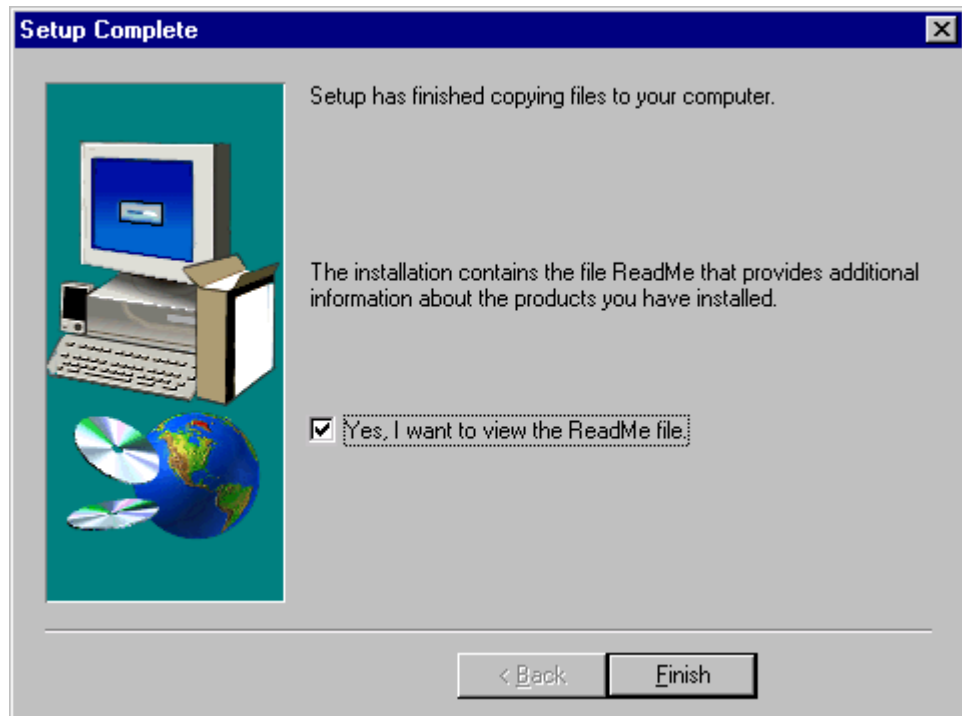
17. Select **Yes**.
18. Click **Next**.

The Printer **Properties** window appears.

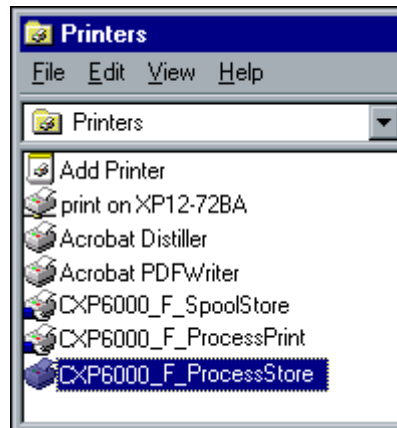


19. Configure the printer according to your specifications and then click **OK**.

The following window appears.



20. Click **Finish** to complete the setup.
The printer appears in the Printers window.



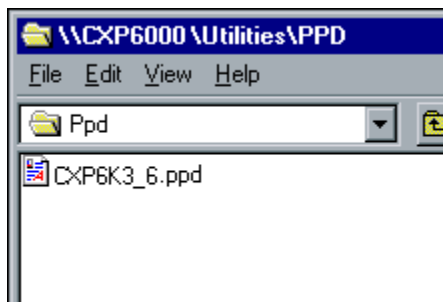
You are now ready to print *.ps and *.prn files. Once printed, these files can be imported and printed on the CXP6000 Color Server.

Copying PPD from PC

It is necessary to use the CXP6000 Color Server PPD to create PS files to send to the CXP6000 Color Server. The CXP6000 Color Server PPD should therefore be copied and distributed to the customer.

To copy the PPD from the CXP6000 Color Server for distribution on a diskette or by e-mail:

1. On the Windows desktop, double-click the **Network Neighborhood** icon.
2. Browse to the location of the CXP6000 Color Server station (for example, CXP6000).
3. Select the CXP6000 Color Server and its **Utilities** folder.
4. Select the **PPD** folder.



5. Copy the **CXP6K3_6.ppd** file to a diskette or send it by e-mail to the customer.



Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.

Defining a Printer on Macintosh Client Workstations

The CXP6000 Color Server can print to Macintosh client workstations running Macintosh OS 9 and OSX (10.2).

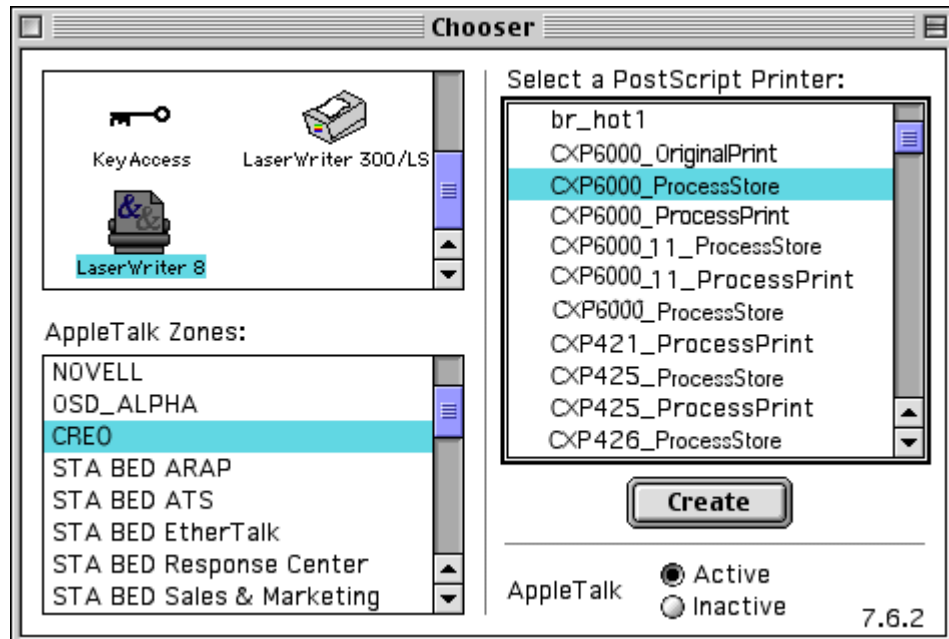
You can also submit jobs using the CXP6000 Color Server virtual printers over a TCP/IP protocol. This connection enables a significantly higher spooling speed.

See *Spire Over TCP/IP* on page 78

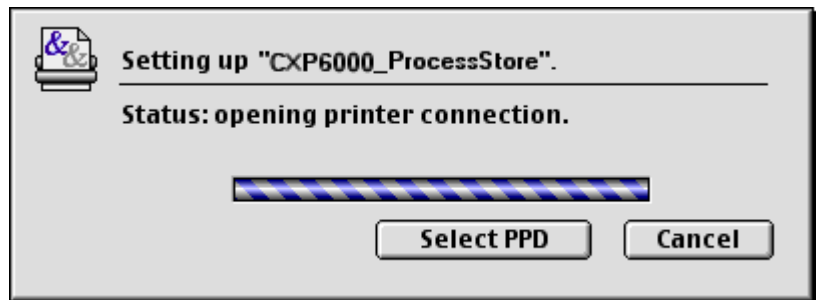
Setting the Network Printer for Macintosh OS 9

To set up a CXP6000 Color Server network printer on Macintosh OS 9:

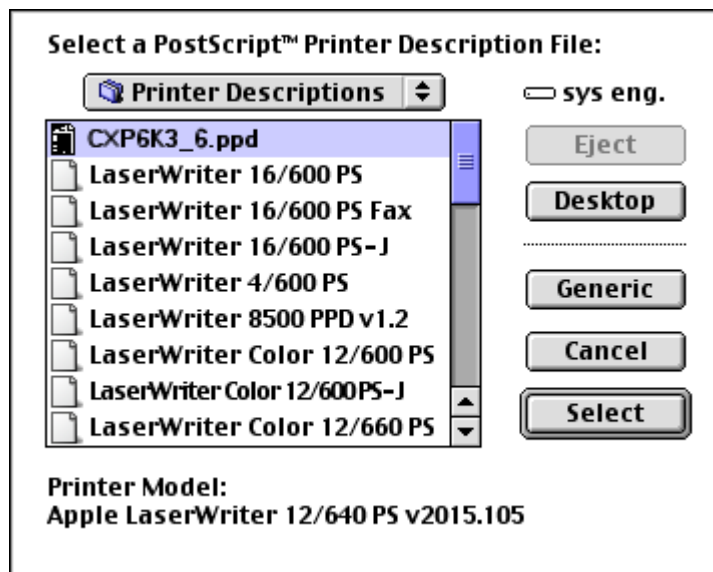
1. From the **Apple** menu, select **Chooser**.



2. Select **LaserWriter** and browse through the network to the CXP6000 Color Server.
3. Select one of the CXP6000 Color Server's network printers (for example, **CXP6000_ProcessStore**) and click **Create**.
The following status indicator appears.



4. The system should automatically locate the CXP6000 Color Server PPD and configure the printer. If it does not, click **Select PPD**.



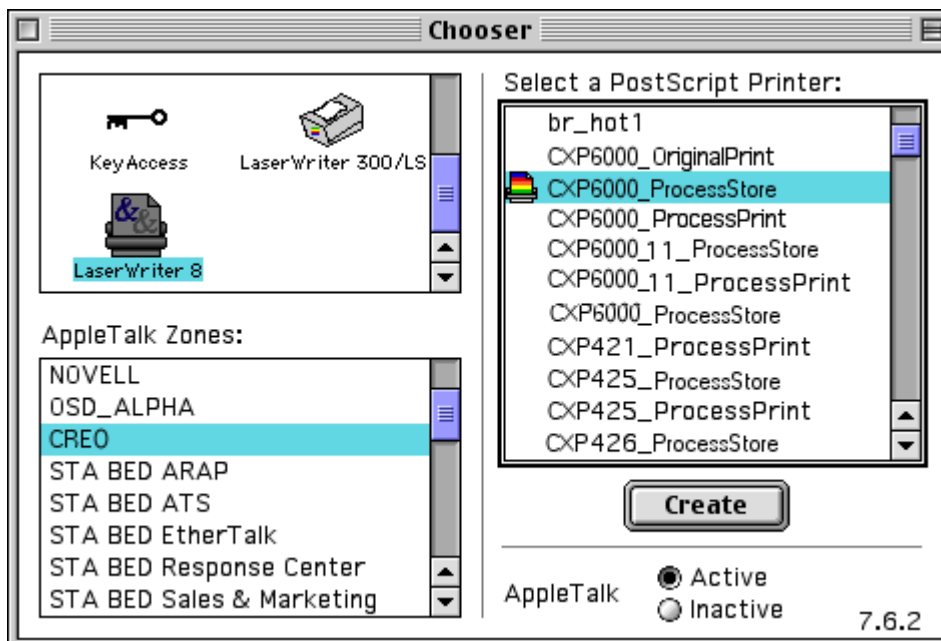
5. From the list of **Printer Descriptions**, select **CXP6K3_6.ppd**.



Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.

6. Click the **Select** button.

The printer is now set as a CXP6000 Color Server network printer.



If you have the Desktop Printer Spooler extension enabled, a printer icon appears on the desktop.



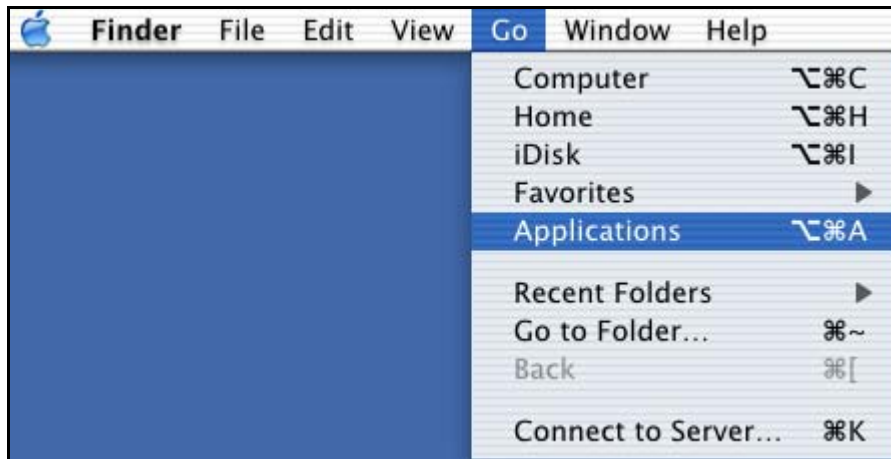
Note: This icon can be used when downloading PS files to the CXP6000 Color Server.

7. Repeat the above process to install additional network printers.

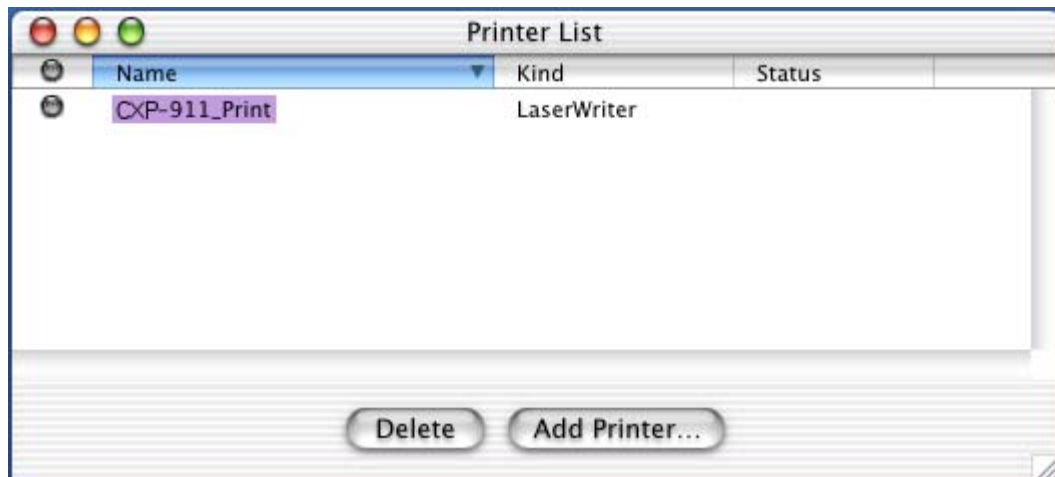
Setting the Network Printer for Macintosh OS X (10.2)

To set up a CXP6000 Color Server network printer on Macintosh OS X:

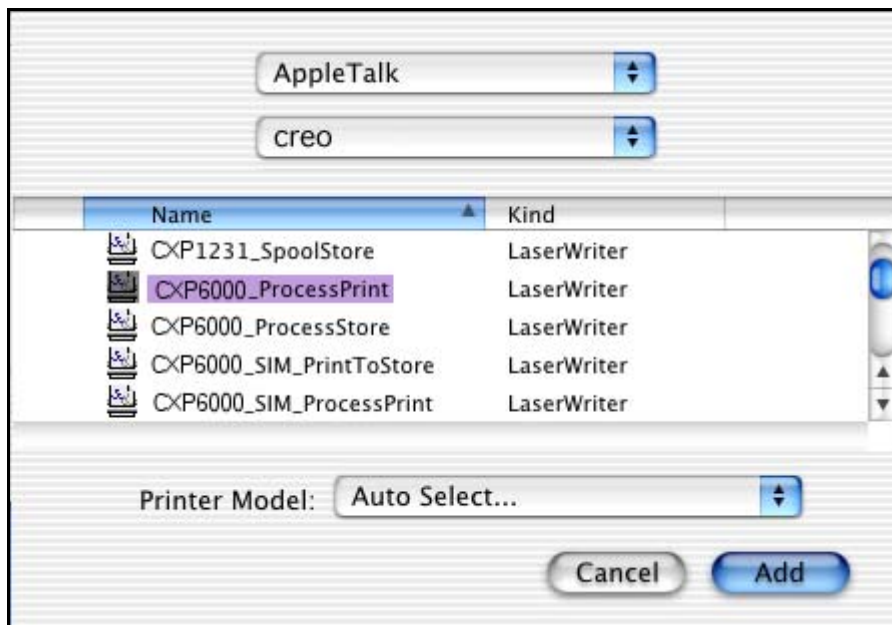
1. From the **Go** menu, select **Applications**.



2. Open the **Utilities** folder.
3. Double-click the **Print Center** icon.
The Printer List window appears.



4. Click the **Add Printer** button.
The following window appears.



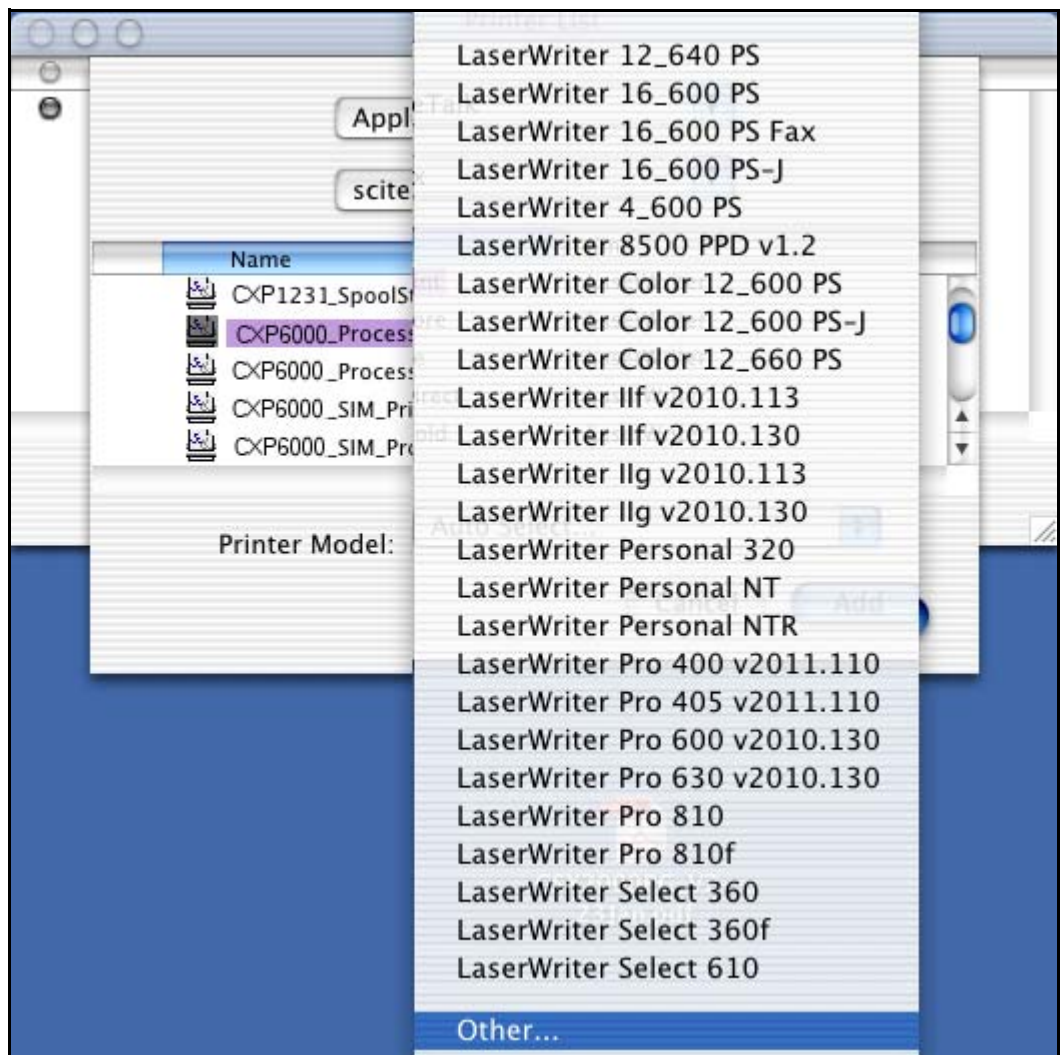
5. Select **AppleTalk** as the connection type.



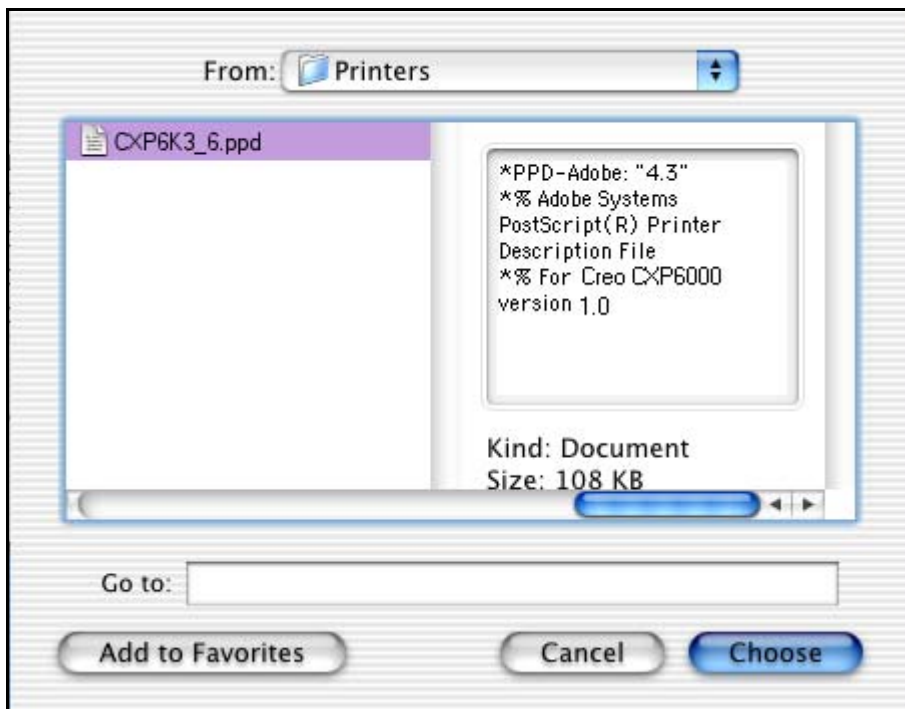
Note: If you would like to use the LPR protocol instead, see the procedure *To Configure an LPR Printer on page 73*.

6. Browse to the CXP6000 Color Server.

7. Open the **Printer Model** pop-up menu and select **Other**.



8. Browse to the folder to which you have copied the **CXP6K3_6.ppd** and select it.

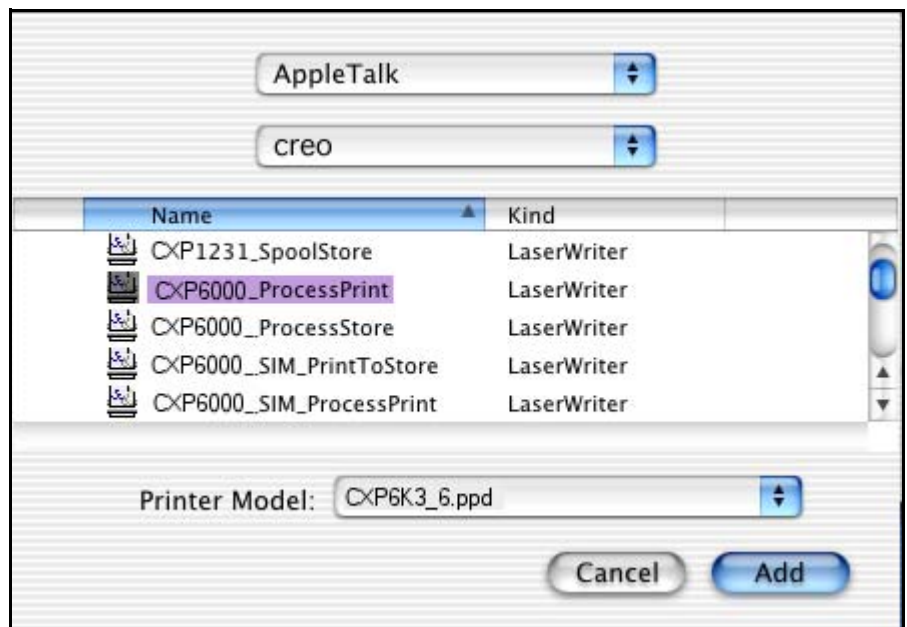


9. Click the **Choose** button to assign the **CXP6K3_6.ppd** to the selected CXP6000 Color Server network printer.

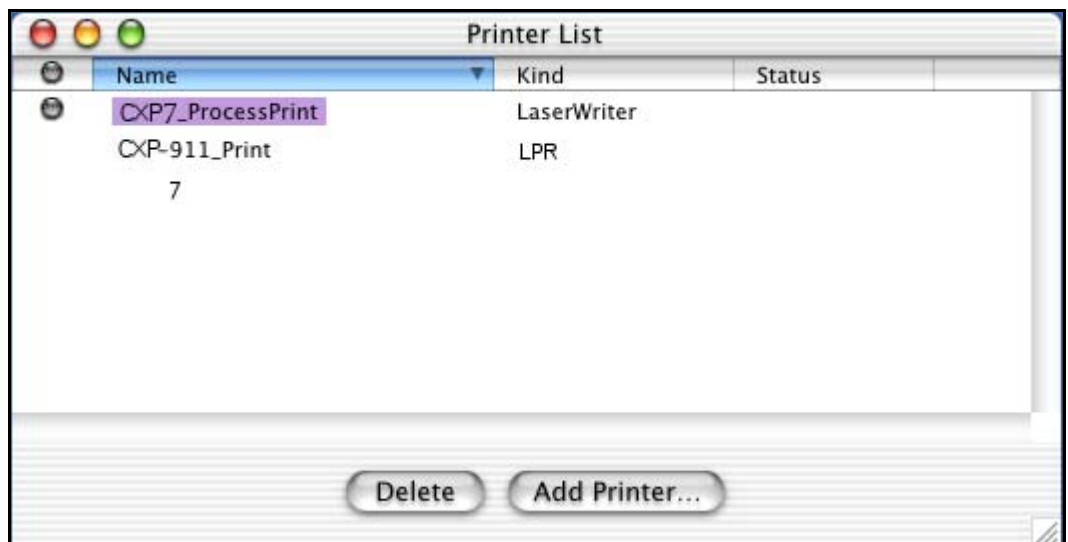


Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.

The following window appears.



10. Click the **Add** button to add the new printer to the printer list.
The new printer is displayed in the Printer List window.



LPR Printing with the CXP6000 Color Server

This section covers the procedures for setting up and configuring an LPR / TCP/IP printer from the following computers.

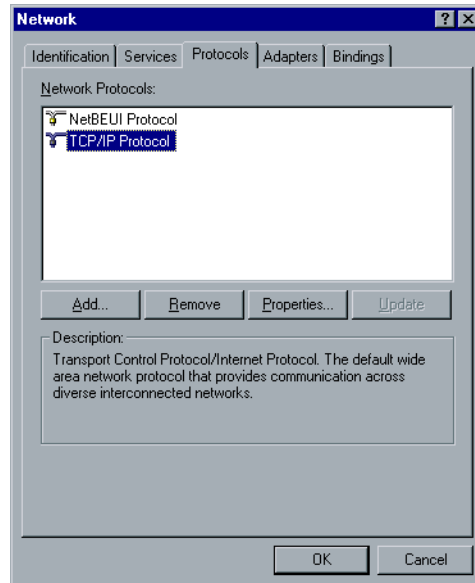
- Windows NT 4.0
- Windows 2000/XP
- Windows NT/2000/XP Command Line
- Mac OS X (10.2)
- Mac OS 9 (using the Choose Spire Over IP utility)
- Linux
- AIX and UNIX command line

Setting up an LPR Printer in Windows NT 4.0

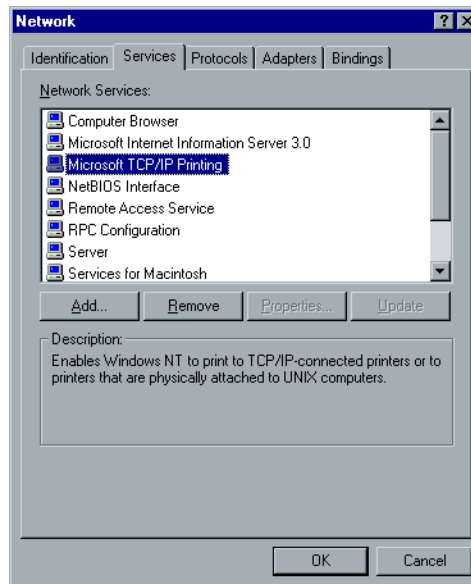
The following procedure describes how to configure an LPR printer in Windows NT 4.0 for printing to the CXP6000 Color Server.

The following items must be installed and configured on the Windows NT 4.0 computer (Server or Workstation version) before you begin:

1. TCP/IP protocol



2. Microsoft TCP/IP Printing service

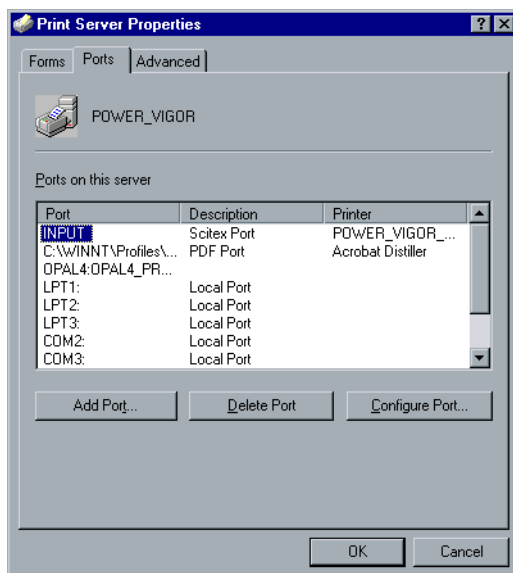


3. Latest Adobe PS Printer Driver (you can install this from the d:\utilities\Utilities\PC utilities on the CXP6000 Color Server, or you can download the latest version free from www.adobe.com).
4. CXP6000 PPD (PostScript Printer Driver) copied to your client workstation (the PPD is located in the d:\utilities\PPD\ folder on the CXP6000 Color Server).

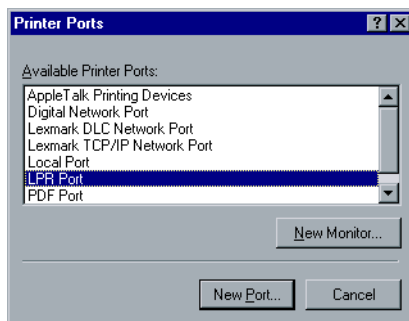
To define an LPR Printer

1. From the **Start** menu on the Windows desktop, select **Settings>Printers**.

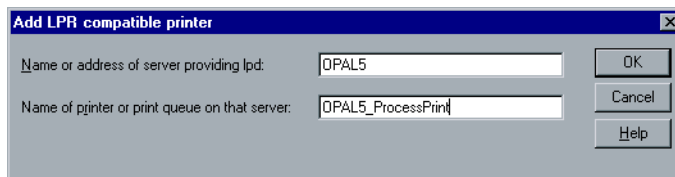
2. In the Printer window, from the **File** menu, select **Server Properties**.



3. Select the **Port** tab, and then click the **Add Port** button.

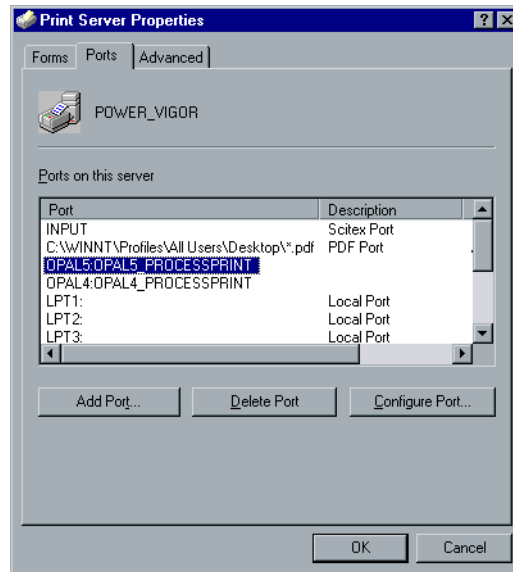


4. From the list of **Available Printer Ports**, select **LPR Port**, and click the **New Port** button.



5. Type the exact name of the CXP6000 Color Server (this box is case-sensitive), for example, **OPAL5** in the **Name or address of server providing lpd:** box.

6. Type the exact name of the network printer you want to print to (you can view the exact name of the printer on the CXP6000 Color Server, under: **Admin>Resource Manager>Virtual Printers**). In this example the Printer name is **OPAL5_ProcessPrint**.
7. Click **OK**.
8. Click **Close** in the Printer Ports window.
The new LPR port is now defined on your computer.

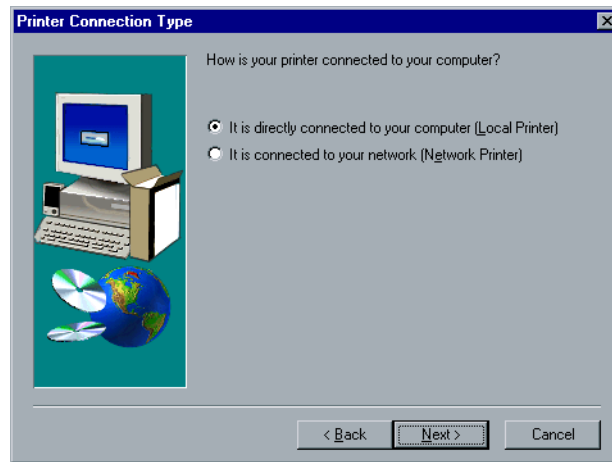


9. Click **OK** in the Print Server Properties window.
10. Define the LPR printer using the Adobe PostScript Printer driver application. See the following procedure.

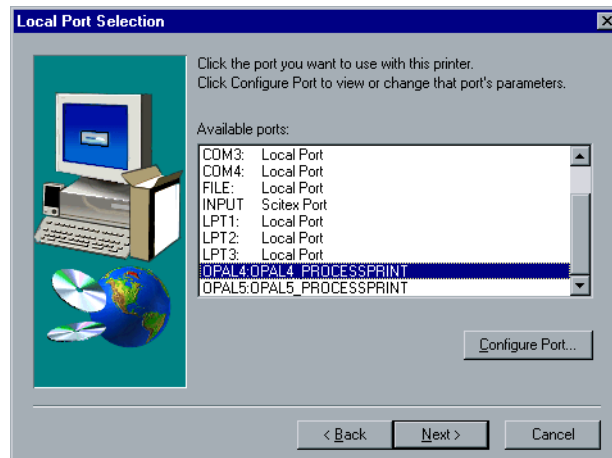
To define an LPR Printer using the Adobe PostScript Driver:

1. Start the Adobe PostScript Driver Application (you can install this from the d:\utilities\Utilities\PC utilities on the CXP6000 Color Server, or you can download the latest version free from www.adobe.com).
2. In the Welcome window click **Next**.
3. The End User License Agreement window appears, read the license agreement, and then click **Accept**.

4. Select **Install a new PostScript Printer**, and then click **Next**.

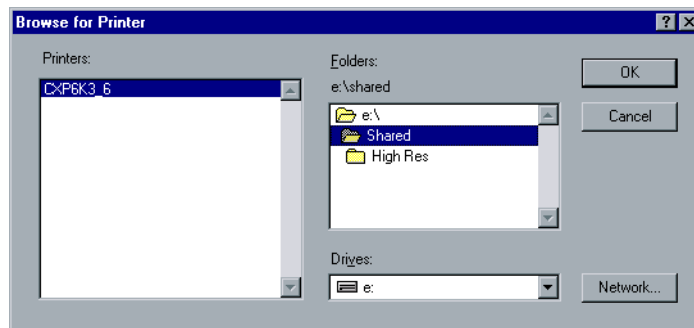


5. In the Printer Connection Type window, select **It is directly connected to your computer (Local Printer)**, and then click **Next**.

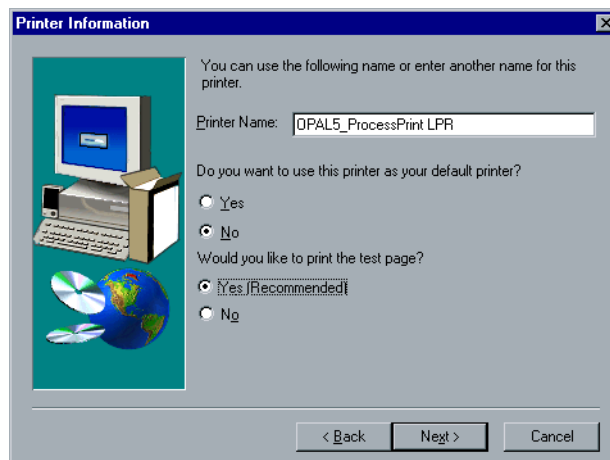


6. Select the LPR port you defined earlier, for example, **OPAL5_ProcessPrint LPR**, and then click **Next**.
7. The next step is to configure the printer with the CXP6000 Color Server PPD (make sure that you have copied this to your computer, or that you have access to the CXP6000 Color Server on your network).
8. In the Select Printer Model window, click **Browse**.
The Browse for Printer window appears.

9. Locate the CXP6000 Color Server PPD, and then select the CXP6000 Color Server PPD: **CXP6K3_6.ppd**.

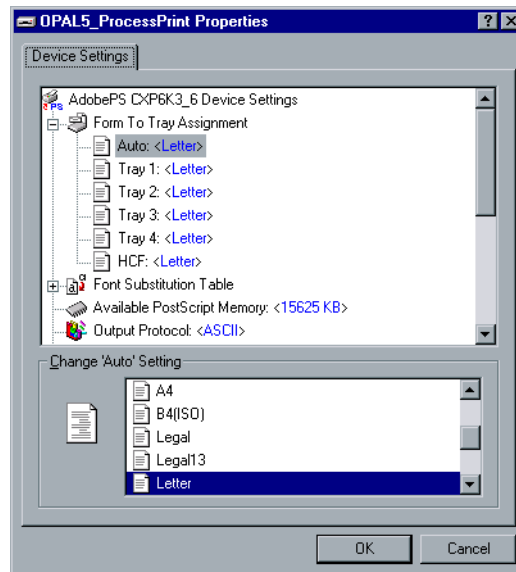


10. Click **OK**.
11. In the Select Printer Model window, select the **CXP6K3_6**, and then click **Next**.
12. In the Sharing window, select **Not Shared**, and then click **Next**. The following window appears.



13. Type a name for the printer that you will be able to identify on your computer, for example **OPAL5_ProcessPrint LPR**. You can also keep the original name of the printer.
14. If you want to set this printer as the default printer on your computer, select **Yes**. Otherwise, select **No**.
15. Select **Yes (Recommended)** if you want to print a test page. Otherwise, select **No**.

16. Click **Next**.
17. In the Setup Information window, click **Install** to install the LPR printer with the CXP6000 Color Server PPD.
18. When prompted to configure the printer, click **Yes**.
19. Click **Next**.
20. In the Printer Configuration window, select **Yes** when prompted to configure the printer now.
21. Click **Next**.
The CXP6000 Properties window appears.



22. Configure the printer according to your specifications, and then click **OK**.
23. In the Setup Complete window click **Finish** to complete the setup.
The new LPR printer is now listed with your other printers on the Windows NT computer, and you are now ready to print to the CXP6000 Color Server using the LPR.

Setting up an LPR printer in Windows 2000/XP

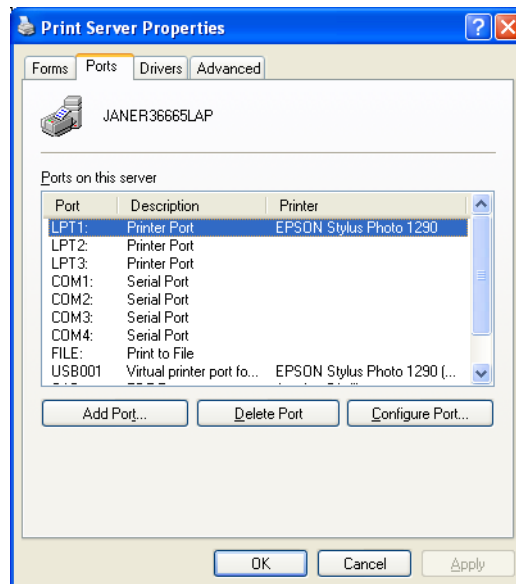
The following procedure describes how to configure an LPR printer in Windows 2000/XP for printing to the CXP6000 Color Server.

The following items must be installed and configured on the Windows 2000/XP computer before you begin:

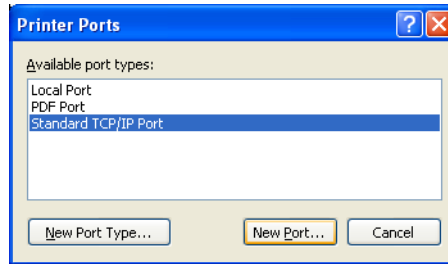
1. TCP/IP protocol
2. Latest Adobe PS Printer Driver (you can install this from the d:\utilities\Utilities\PC utilities on the CXP6000 Color Server or you can download the latest version free from www.adobe.com).
3. CXP6000 PPD (PostScript Printer Driver) copied to your client workstation (the PPD is located in the d:\utilities\PPD\ folder on the CXP6000 Color Server).

To define an LPR Printer

1. From the **Start** menu on the Windows desktop, select **Settings>Printers**.
2. In the Printer window, from the **File** menu, select **Server Properties**.

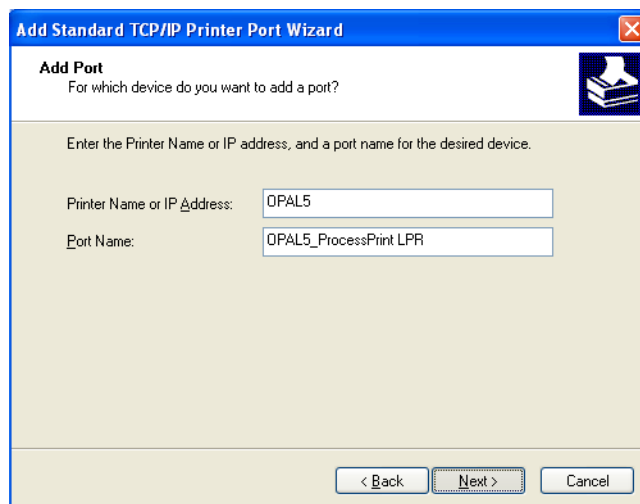


3. Select the **Port** tab, and then click the **Add Port** button.



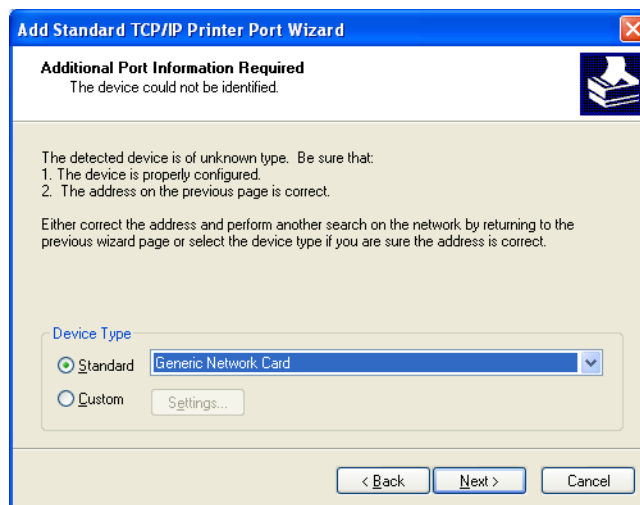
4. From the list of **Available Printer Ports**, select **Standard TCP/IP Port**, and then click the **New Port** button.



5. Click **Next**.

The screenshot shows the 'Add Standard TCP/IP Printer Port Wizard' window, specifically the 'Add Port' step. The window has a blue title bar with the text 'Add Standard TCP/IP Printer Port Wizard' and a close button. Below the title bar, the text 'Add Port' is followed by the question 'For which device do you want to add a port?'. A printer icon is visible in the top right corner. The main area contains the instruction 'Enter the Printer Name or IP address, and a port name for the desired device.' Below this, there are two text input fields. The first field is labeled 'Printer Name or IP Address:' and contains the text 'OPAL5'. The second field is labeled 'Port Name:' and contains the text 'OPAL5_ProcessPrint LPR'. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

6. Type the exact name of the CXP6000 Color Server (this box is case-sensitive), for example, **OPAL5** in the **Printer Name or IP Address:** box.
7. Type a name for the printer that you will be able to identify on your computer, for example, **OPAL5ProcessPrint LPR**.
8. Click **Next**.
The following window appears.



The screenshot shows the 'Add Standard TCP/IP Printer Port Wizard' window, specifically the 'Additional Port Information Required' step. The window has a blue title bar with the text 'Add Standard TCP/IP Printer Port Wizard' and a close button. Below the title bar, the text 'Additional Port Information Required' is followed by the message 'The device could not be identified.' A printer icon is visible in the top right corner. The main area contains the text 'The detected device is of unknown type. Be sure that:' followed by a numbered list: '1. The device is properly configured.' and '2. The address on the previous page is correct.' Below this, there is a paragraph: 'Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.' At the bottom of the main area, there is a section labeled 'Device Type' with two radio buttons: 'Standard' (which is selected) and 'Custom'. Next to the 'Standard' radio button is a dropdown menu showing 'Generic Network Card'. Next to the 'Custom' radio button is a 'Settings...' button. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

9. Select **Custom** in the Device Type option, and then click **Settings**.

Configure Standard TCP/IP Port Monitor

Port Settings

Port Name:

Printer Name or IP Address:

Protocol

☒ Raw ☐ LPR

Raw Settings

Port Number:

LPR Settings

Queue Name:

☐ LPR Byte Counting Enabled

☐ SNMP Status Enabled

Community Name:

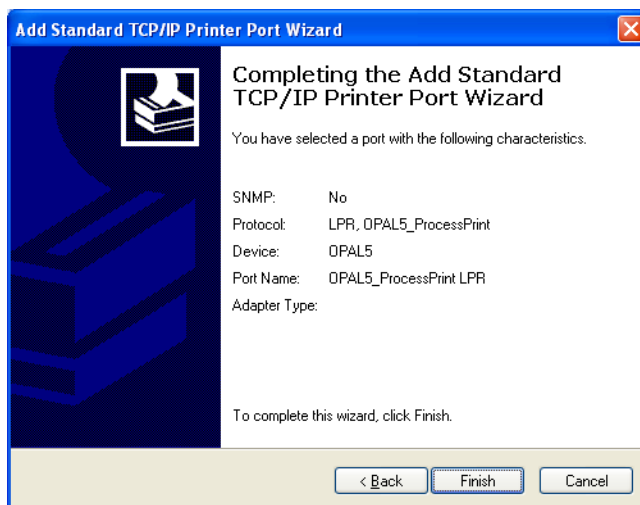
SNMP Device Index:

OK Cancel

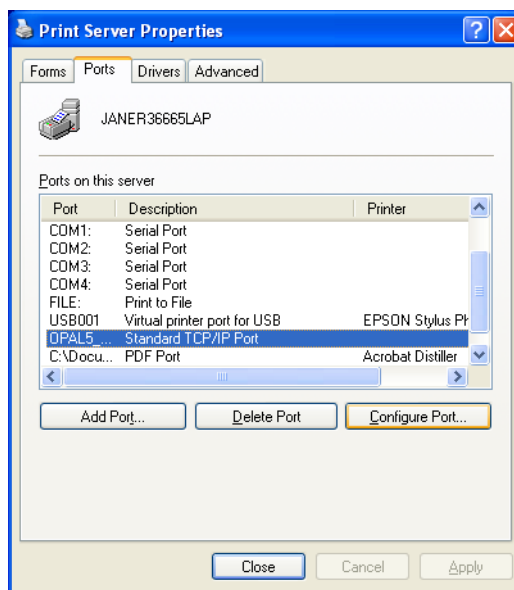
10. Select the following options:

- **Protocol:** LPR
- **LPR Settings:**
 - **Queue Name:** Type the exact name of the network printer you want to print to (you can view the exact name of the printer on the CXP6000 Color Server, under: **Admin>Resource Manager>Virtual Printers**). In this example the Printer name is OPAL5_ProcessPrint
 - **LPR Byte Counting Enabled:** checked.

11. Click **OK**, and then click **Next**.
The following window appears.



12. Click **Finish**.
13. Click **Close** in the Printer Ports window.
The new Standard TCP/IP Printer Port is now defined on your computer.

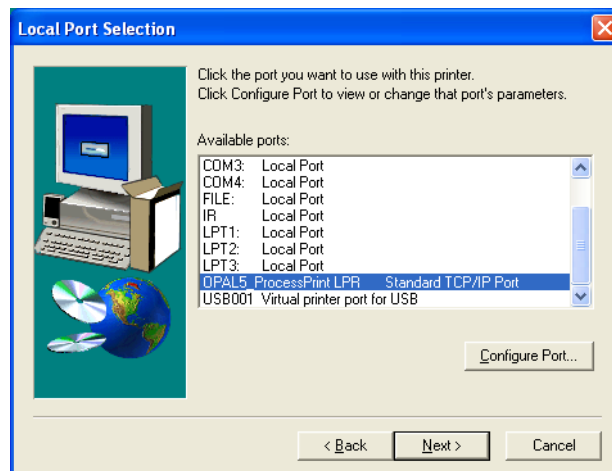


14. Click **Close** in the Print Server Properties window.

15. Define the TCP/IP Printer using the Adobe PostScript Printer Driver application. See the following procedure.

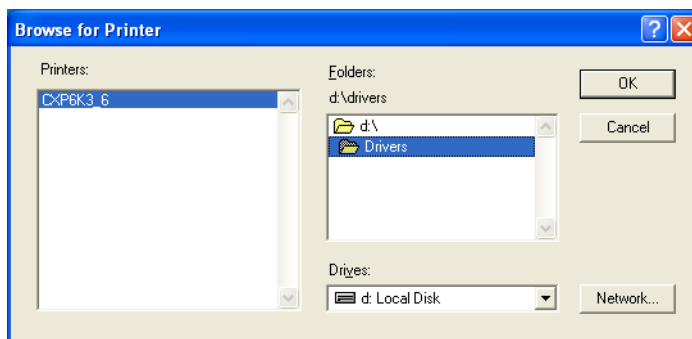
To define an LPR Printer using the Adobe PostScript Driver:

1. Start the Adobe PostScript Driver Application (you can install this from the d:\utilities\Utilities\PC utilities on the CXP6000 Color Server, or you can download the latest version free from www.adobe.com).
2. In the Welcome window, click **Next**.
3. The End User License Agreement window appears, read the license agreement, and then click **Accept**.
4. Select **Install a new PostScript Printer**, and then click **Next**.
5. In the Printer Connection Type window, select **It is directly connect to your computer (Local Printer)**, and then click **Next**.
The following window appears.

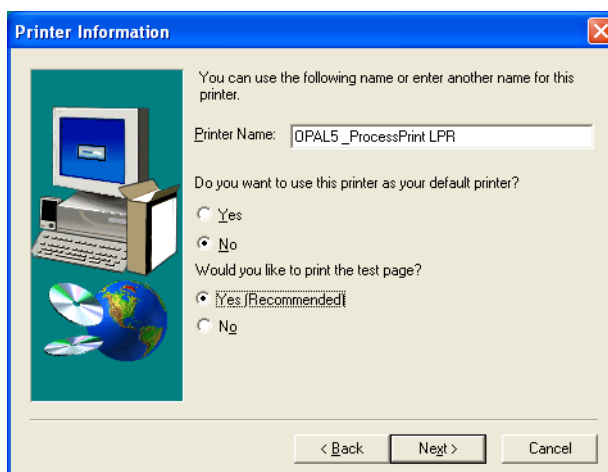


6. Select the Standard TCP/IP port you defined earlier on, for example, **OPAL5_ProcessPrint LPR**, and then click **Next**.
7. The next step is to configure the printer with the CXP6000 Color Server PPD (make sure that you have copied this to your computer, or that you have access the CXP6000 Color Server on your network).
8. In the Select Printer Model window, click **Browse**.
The Browse for Printer window appears.

9. Locate the CXP6000 Color Server PPD, and then select the CXP6000 Color Server PPD: **CXP6K3_6.ppd**.

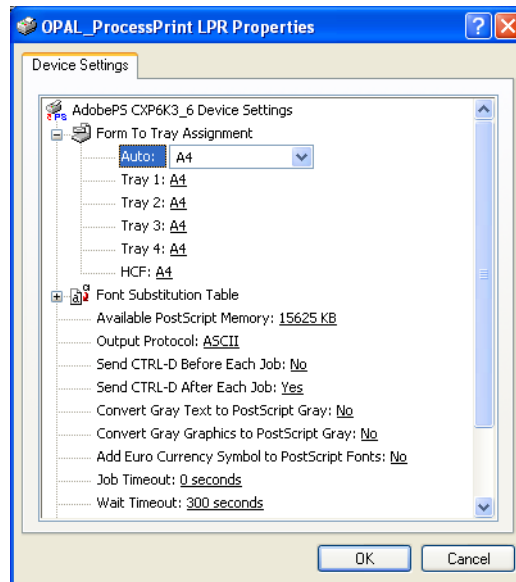


10. Click **OK**.
11. In the Select Printer Model window, select the **CXP6K3_6**, and then click **Next**.
12. In the Sharing window, select **Not Shared**, and then click **Next**.



13. Type a name for the printer that you will be able to identify on your computer, for example, **OPAL5_ProcessPrint LPR**. You can also keep the original name of the printer.
14. If you want to set this printer as the default printer on your computer, select **Yes**. Otherwise, select **No**.
15. Select **Yes (Recommended)** if you want to print a test page. Otherwise, select **No**.

16. Click **Next**.
17. In the Setup Information window, click **Install** to install the LPR printer with the CXP6000 Color Server PPD.
18. When prompted to configure the printer, click **Yes**.
19. Click **Next**.
20. In the Printer Configuration window, select **Yes** when prompted to configure the printer now.
21. Click **Next**.
The CXP6000 Properties window appears.



22. Configure the printer according to your specifications, and then click **OK**.
23. In the Setup Complete window, click **Finish** to complete the setup.
The new LPR printer is now listed with your other printers on the Windows NT computer, and you are now ready to print to the CXP6000 Color Server using the LPR.

Windows NT/2000/XP Command Line

You can also submit PostScript, PDF or VPS files for printing to the CXP6000 using the following commands in the Window command line. The following procedure is suitable for Windows NT, 2000, or XP computers.



Note: All PostScript files should be created using the CXP6000 Color Server PPD (**CXP6K3_6.ppd**)

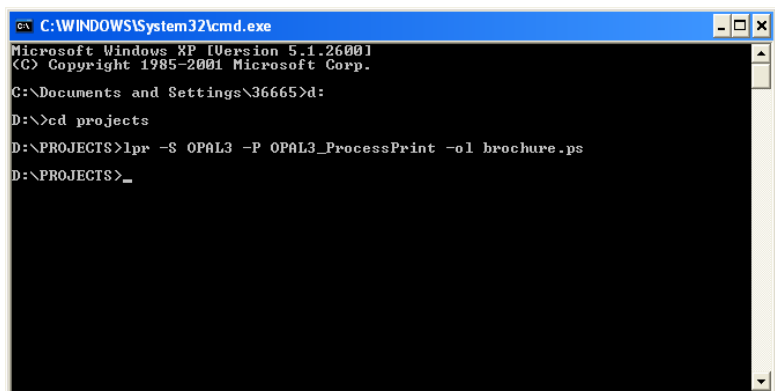
1. From the **Start** menu, click **Run**.
2. Type `cmd` , and then click **OK**.
3. Locate the directory that contains the file(s) you want to print.
4. Type the following at the command line (all commands, server name, and printer name are case-sensitive):

```
lpr -S <server name> -P <virtual printer name> -o1  
<file name>
```

and then press ENTER.

For example:

```
lpr -S OPAL3 -P OPAL3_ProcessPrint -o1 brochure.ps
```



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\36665>d:
D:\>cd projects
D:\PROJECTS>lpr -S OPAL3 -P OPAL3_ProcessPrint -o1 brochure.ps
D:\PROJECTS>_
```

Your file is printed to the CXP6000 Color Server using the LPR command.

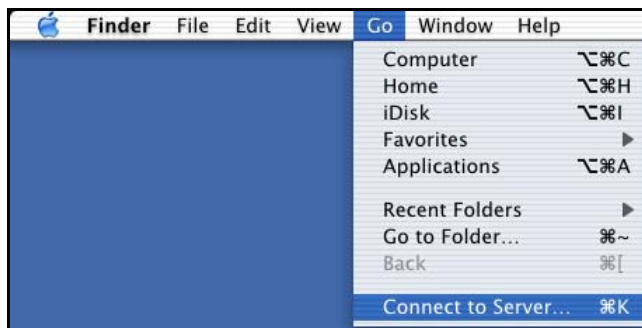
Setting up an LPR printer in Mac OS X (10.2)

Before you define a network printer you need to install the CXP6000 Color Server PPD to your Macintosh.

Copying the Spire PPD

To copy the CXP6000 PPD:

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



The Connect to Server window appears.



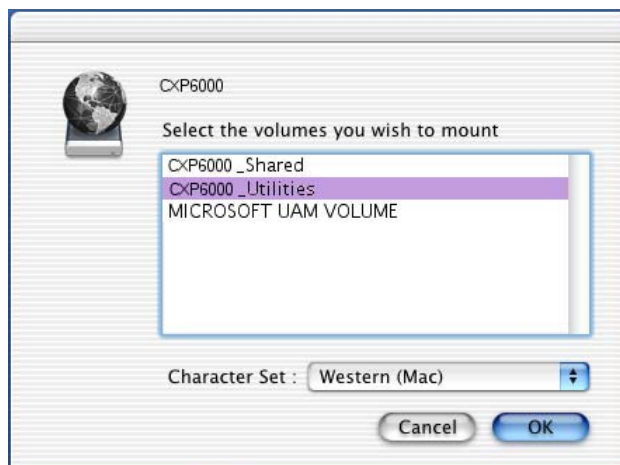
2. Browse to the required CXP6000 Color Server.
3. Click the **Connect** button.

The following window appears.



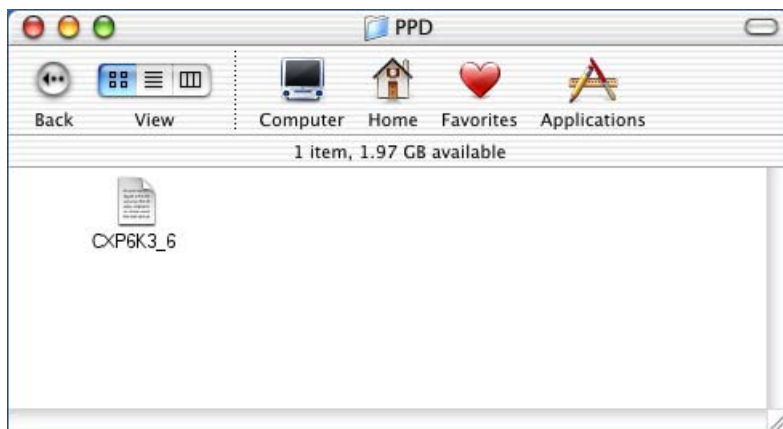
4. Select **Guest** and click the **Connect** button.

The following window appears.



5. Select the **CXP6000_Uilities** folder, and click **OK**.
The **CXP6000_Uilities** folder is mounted on your desktop.
6. Double-click the **CXP6000_Uilities** folder on your desktop.

7. Double-click the **PPD** folder.



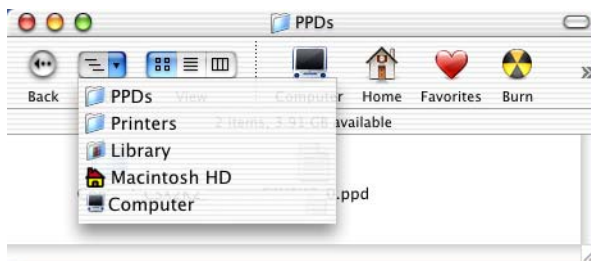
8. Copy the **CXP6K3_6.ppd** from the CXP6000 Color Server to your Macintosh hard disk.



Tip: It is recommended that you copy the PPD by dragging and dropping from the CXP6000 Color Server to the Library>Printers>PPDs folder on your Macintosh.



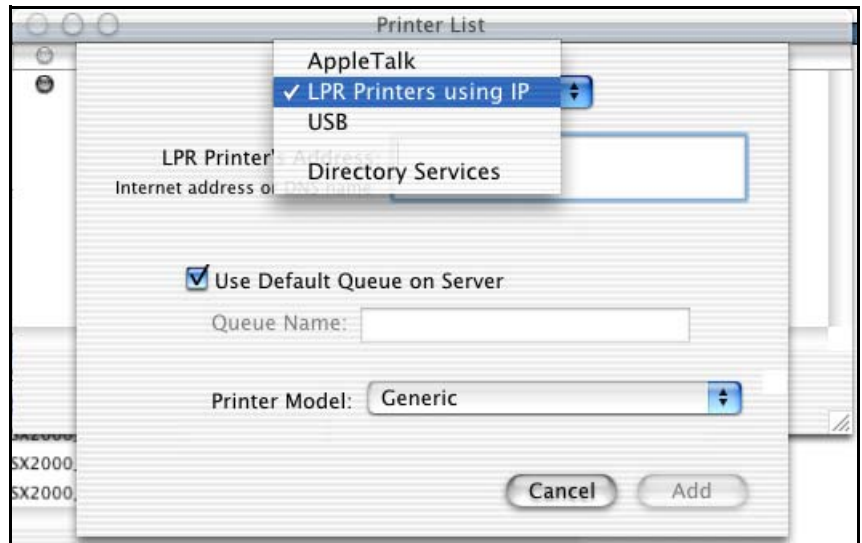
Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.



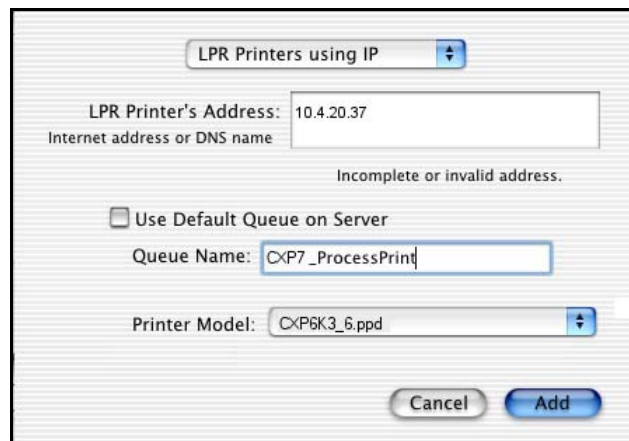
Configuring an LPR Printer

To configure an LPR Printer:

1. Follow the procedure *“To set up a CXP6000 Color Server network printer on Macintosh OS X”* on page 49, until step 5.
2. In the Printer List window, select **LPR Printers using IP** as the connection type.

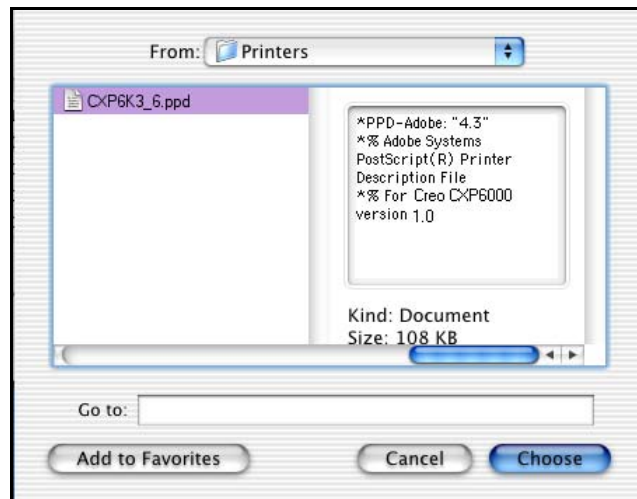


3. In the **LPR Printer's Address** box, type the TCP/IP address or hostname of the CXP6000 Color Server. See the following example.

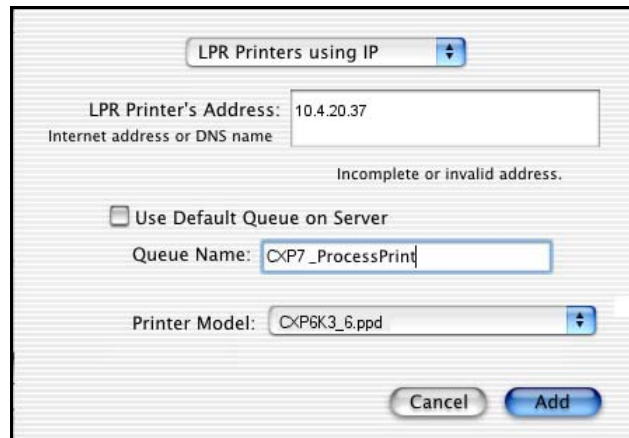


4. Clear the **Use Default Queue on Server** check-box.

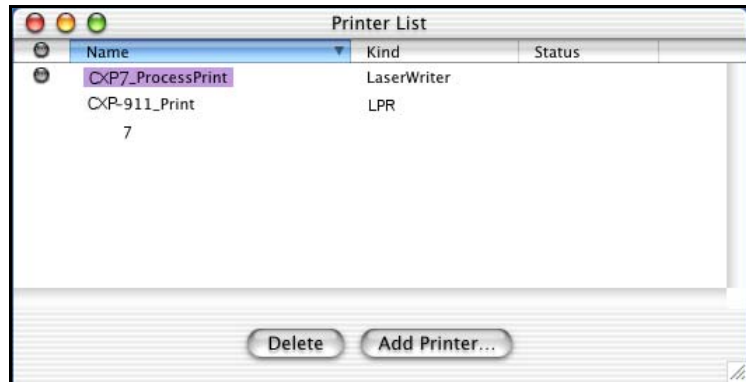
5. In the **Queue Name** box, type the full name of the CXP6000 Color Server network printer, for example **CXP7_ProcessPrint** (case-sensitive).
6. From the **Printer Model** pop-up menu, select **Other**.
7. Browse to the folder to which you have copied the **CXP6K3_6.ppd** and select it.



8. Click the **Choose** button to assign the **CXP6K3_6.ppd** to the selected CXP6000 Color Server network printer. The following window appears.



9. Click the **Add** button to add the new printer to the printer list. The new printer is displayed in the Printer List window.



Setting up an LPR printer in Mac OS 9 (using the Choose Spire Over IP utility)

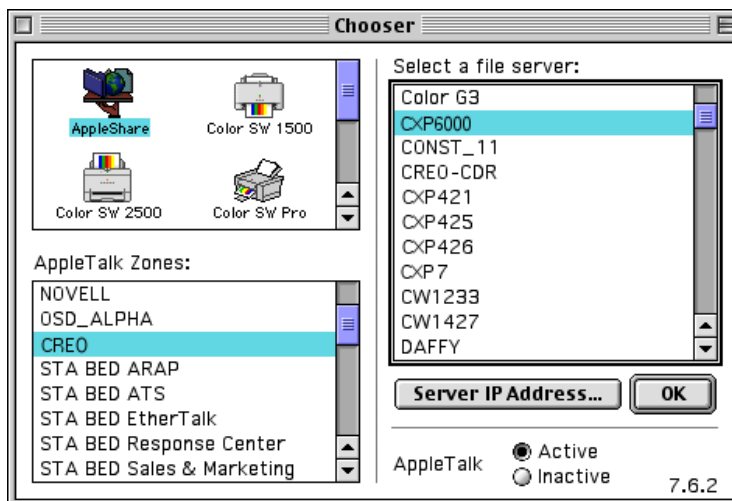
Before setting up a CXP6000 Color Server network printer, you need to install the CXP6000 Color Server PPD on the Macintosh workstation.

Copying the Spire PPD

To copy the CXP6000 Color Server PPD:

1. From the **Apple** menu, select **Chooser**.
2. Select **AppleShare** and browse the network to where the CXP6000 Color Server is configured.

3. Select the CXP6000 Color Server (for example **CXP6000**), and click **OK**.



The Login window appears.

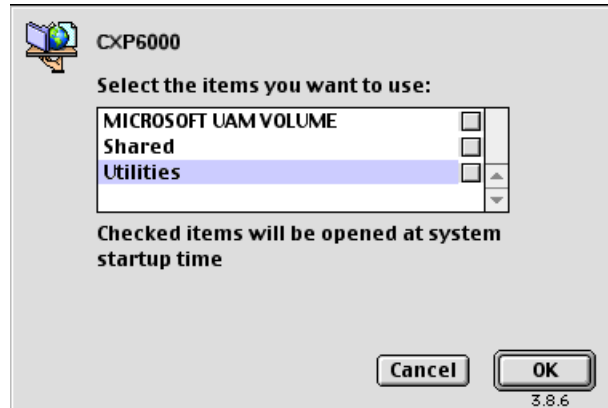


4. Log in as **Guest**, and click the **Connect** button.
The corresponding CXP6000 Color Server window appears.

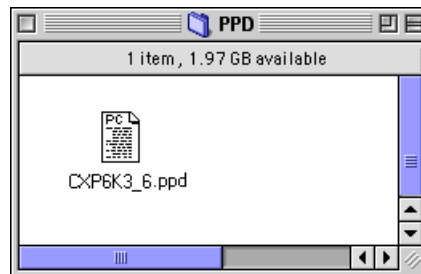
5. Select the **Utilities** folder and click **OK**.



Note: Do not select the check box, otherwise it will mount with every reboot.



6. Select the **Utilities** volume located on the desktop and click **OK**.
7. Select the **PPD** folder.



8. Copy the **CXP6K3_6.ppd** file to the **System Folder>Extensions>Printer Descriptions** folder.

The CXP6000 Color Server PPD is now installed in the **Printer Descriptions** folder. It is ready to be configured with one of the CXP6000 Color Server's network printers.



Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.

Spire Over TCP/IP

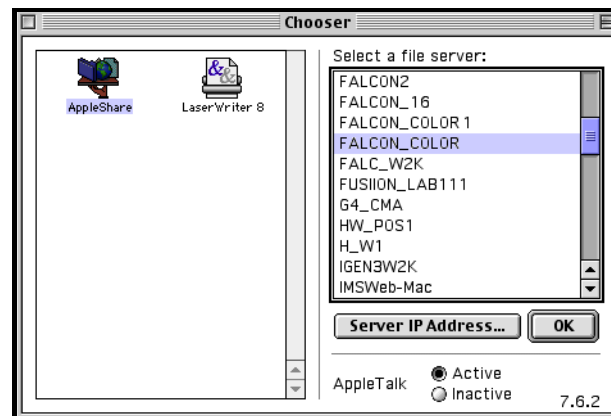
The Spire Over TCP/IP application enables Macintosh clients to submit jobs using the CXP6000 Color Server virtual printers over a TCP/IP protocol. This connection enables a significantly higher spooling speed.

To install this application, you will require a Macintosh O/S version 8.6 or higher, with an installed LaserWriter application version 8.6 or higher, or AdobePS 8.8 or higher (available at <http://www.adobe.com>). If you do not have a compatible LaserWriter application installed, you may download this application from the CXP6000 Color Server, under **D:\Utilities\Mac utilities** folder.

To install the Choose Spire Over IP application:

1. On your Macintosh client workstation, from the **Apple** menu, select **Chooser**.

The Chooser window appears.

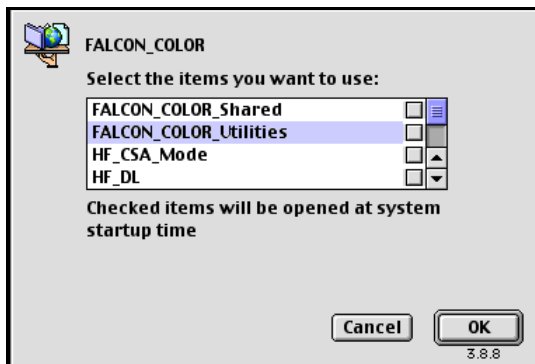


2. Select **AppleShare** and browse the network to the required CXP6000 Color Server (for example **Falcon_Color**) and click **OK**.

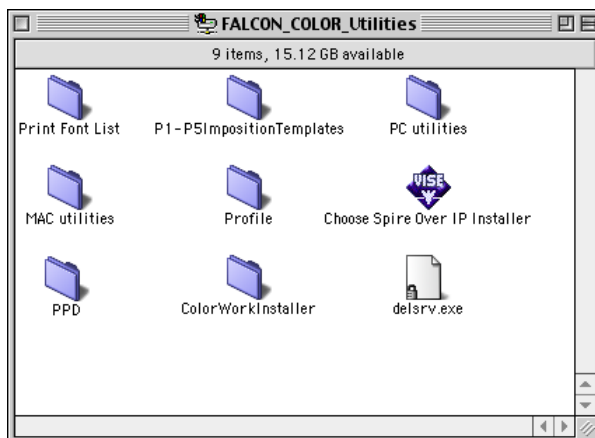
The Login window appears.



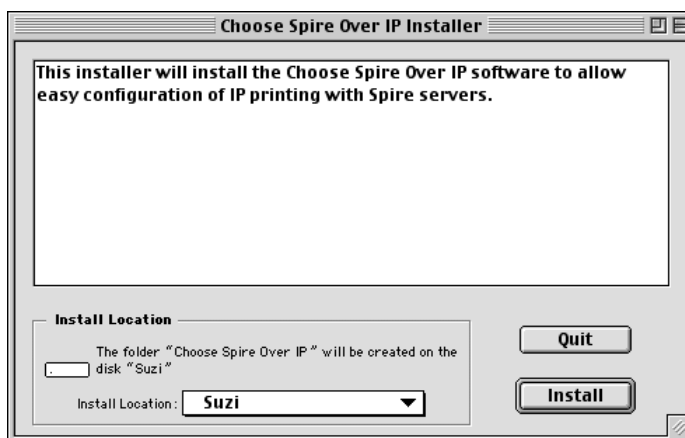
3. Select **Guest** and click the **Connect** button.
The corresponding CXP6000 Color Server window appears.



4. Select the **Utilities** folder and click **OK**.
The **Utilities** folder icon appears on your desktop; double-click it to open the folder.



5. Double-click the **Choose Spire Over IP Installer** icon.



6. Click the **Install** button.
After the installation is complete, the following message appears.

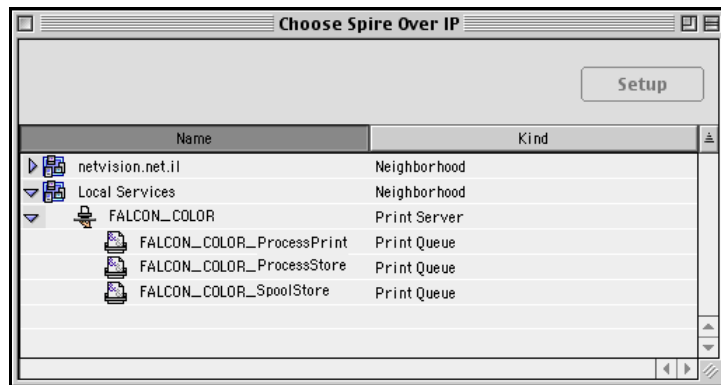


7. Click **Quit**.

The **Choose Spire Over IP** option is now added to the **Apple** menu.

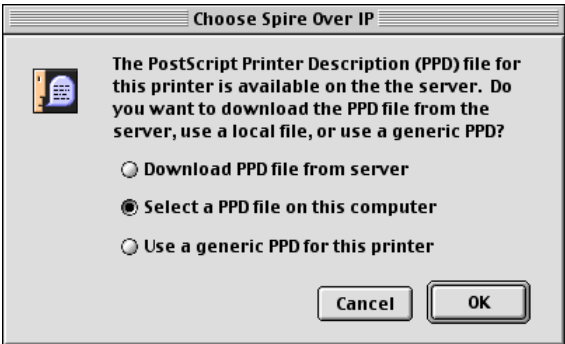


8. To create desktop printers for printing over IP, from the Apple menu, select **Choose Spire Over IP**.

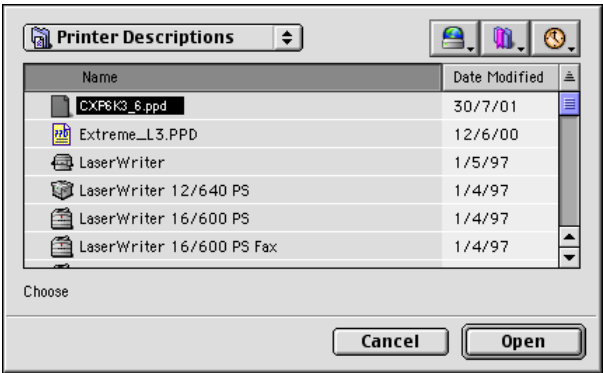


9. To view the print queues of the CXP6000 Color Server, double-click the **Local Services** and then double-click the CXP6000 Color Server icon (in this example **FALCON_COLOR**).
10. To create a desktop printer for a specific print queue, select the print queue from the list (for example **FALCON_COLOR_Process Print**) and click the **Setup** button.

The following window appears.



11. Select the **Select a PPD file on this computer** option and click **OK**. The following window appears.

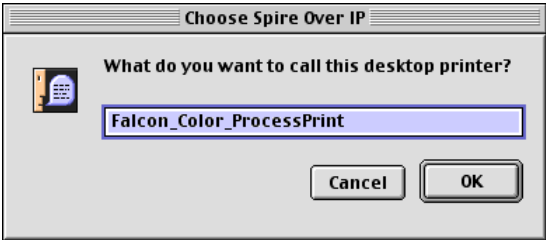


12. Browse to the CXP6000 Color Server PPD file, that you have copied to your computer in step 1, select it and click **Open**.



Note: This Spire PPD name is for Xerox DocuColor 6060. For DocuColor 2060/2045 the PPD name is **CXP6K3_2**.

The following window appears.

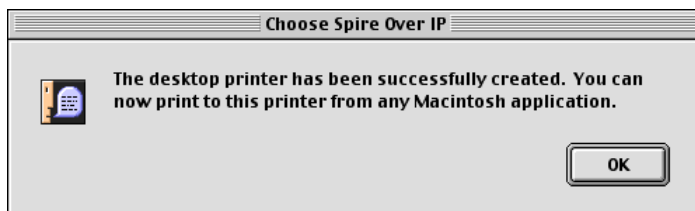


13. If you would like to change the printer name you may. Otherwise, click **OK**.

The desktop printer is created and configured and the following progress indicator appears.



When the printer is successfully created, the following message appears.



14. Click **OK**.

The printer icon appears on your desktop.



15. You may now print your jobs using this printer through a TCP/IP protocol.

Printing to the Linux

The following procedure describes how to print from Linux to the CXP6000 Color Server using the command line or by defining a printer using the Linux user interface (in this case Red Hat Linux).



Note: You do not need to use the CXP6000 Color Server PPD when printing from Linux.

Linux Command Line

1. Open a Terminal window (**System Tools>Terminal Window**).
2. If your Linux computer is not configured with DHCP in the network settings, you will need to add the hostname and TCP/IP address of the CXP6000 Color Server that you want to print to in the `/etc/hosts` file.

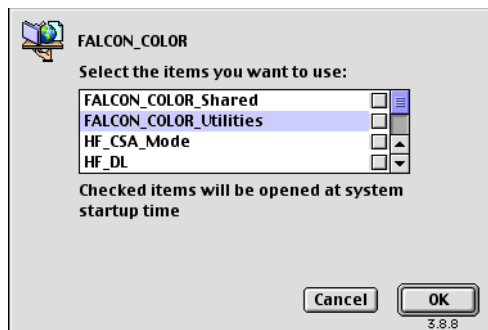


Browse to the directory that contains your file(s), and then type the following command (all commands and printer name are case-sensitive). The server name is the name defined in the /etc/hosts file or as the registered name in the DNS server on your network (DHCP use):

```
# lpr -P <virtual printer name>@<server name> <file-name>
```

For example:

```
# lpr -P OPAL3_ProcessPrint@opal3 letter.ps
```



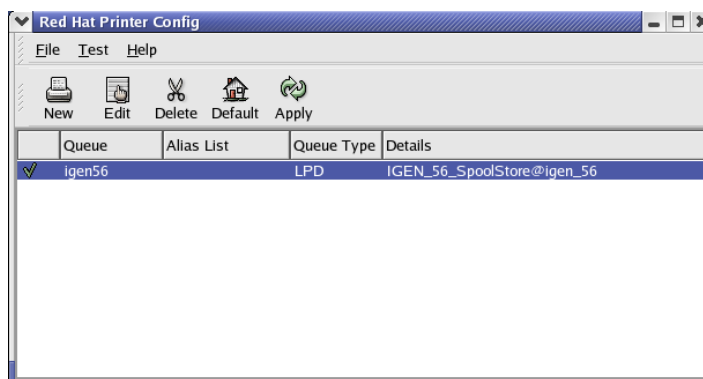
3. Press ENTER.

Your file is then printed to the CXP6000 Color Server.

Linux user interface

The following procedure reflects Red Hat Linux version 8.0

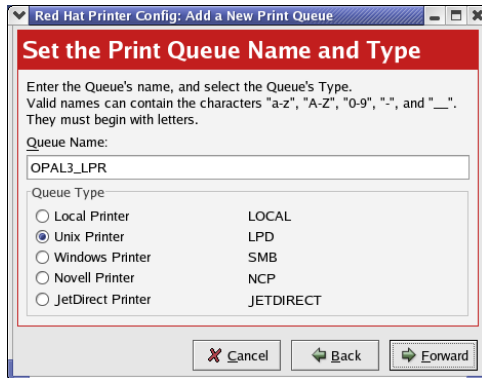
1. Select **System Settings>Printing**.



2. Click **New** to add a setup a new LPR/LPD printer.

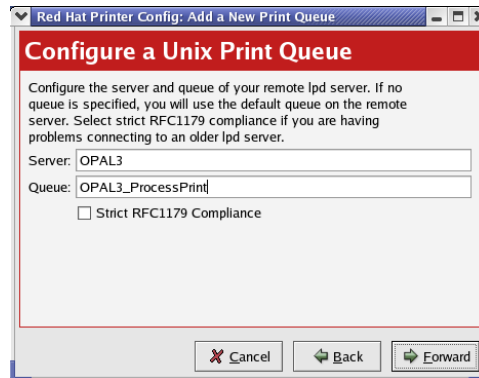


3. In the Add A New Print Queue window, click **Forward**.
4. In the Set the Print Queue Name and Type window, type a name for the printer that you will be able to identify on your computer, for example, **OPAL3_LPR**.

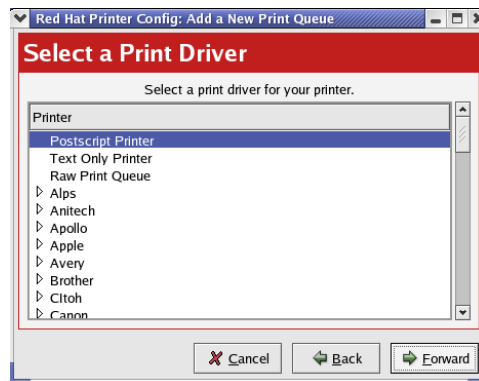


5. Click **Forward**.

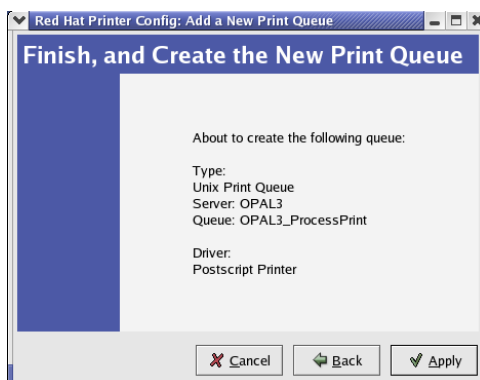
6. In the Configure a Unix Print Queue window, type the CXP6000 Color Server server name in the **Server:** box, for example, **OPAL3**. In the **Queue** box, type the exact name of the network printer you wish to print to (you can view the exact name of the printer on the CXP6000 Color Server, under **Admin>Resource Manager>Virtual Printers**). In this example the Printer name is **OPAL3_ProcessPrint**.



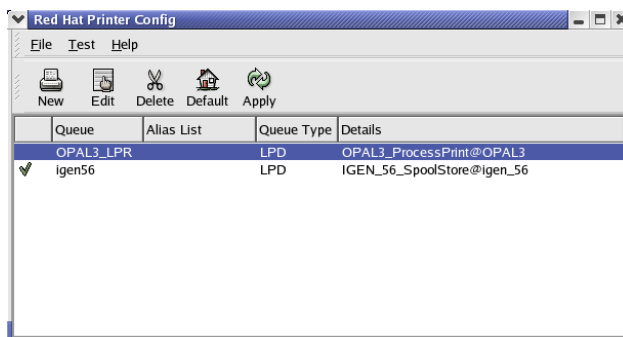
7. Click **Forward**.
8. In the Select a Printer Driver, select the **PostScript Printer**, and then click **Forward**.



9. In the Finish, and Create the New Print Queue window click **Apply**.



10. In the Red Hat Printer Config window, click **Apply**.



11. When prompted, click **OK**.
- The new LPR/LPD printer is now listed with your other printers on the Linux computer and you are now ready to print to the CXP6000 Color Server using the LPR/LPD.



Defining a Printer on Unix Client Workstations

AIX and UNIX Command Line

To define an AIX 4.2.1 printer for printing through LPR:

1. On your UNIX workstation (for example, AIX 4.2.1), type **SMIT** and follow the sequence: **Print Spooling>Add a Print Queue>remote>Standard processing**.
2. In **Name of QUEUE to add**, type the name of the print queue to be used on your UNIX client (use a logical name to recognize the remote printer).
3. In **HOSTNAME of remote server**, type the hostname of the remote server where the printer is defined (for example **CXP6000**).
4. In **Name of QUEUE on remote server**, type the exact name of the print queue defined on the remote server (for example **ProcessPrint**).



Note: Verify that the printer name defined on the remote server contains no more than 20 characters. Unix is case sensitive.

5. Click **OK**.

Printing from a UNIX Client Workstation

To print from a UNIX client through LPR:

1. Type the following:
`<lpr><space><-P><space><local UNIX printer name><space><PS file name>`
For example, to print `frog.ps` on a printer named `ProcessPrint`, type:
`lpr -P ProcessPrint frog.ps`.
2. Press **ENTER**.
The PostScript file is downloaded to the printer. All settings are taken from the remote printer on the CXP6000 Color Server.



Note: Use alphanumeric and underscores for names. Names are case sensitive, for example, `ProcessPrint` not `processprint`. UNIX does not require PPDs to print jobs.

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2

Reinstalling Your CXP6000 Color Server

Overview	92
Reinstalling the Operating System	94
Reinstalling the Creo Application Software.....	96
Disk Striping	97
The Configuration Wizard (If Backup Available).....	114
The Configuration Wizard If Recovery Fails or is Unavailable.....	119

Overview

This chapter describes the two methods of reinstalling your CXP6000 Color Server software by complete overwrite or by system partition. It describes how to install the Windows 2000 Professional operating system, the Creo Software Application, and to configure the system using the Configuration Wizard.



Notes:

System Partition Overwrite should be performed when the Windows 2000 Professional operating system is corrupt and needs to be reinstalled.

Complete Overwrite should be performed only when installing a new system.

If you are installing a new system, or you are replacing any SCSI hard disk, it is recommended to perform low-level formatting (see the *CXP6000 Color Server Technical Manual* for details).

The CXP6000 Color Server is delivered to the customer site preloaded with the following software and configuration:

- Windows 2000 Professional
- MS Service Pack 3.0
- Internet Explorer 6.0
- CXP6000 Color Server version 3.0 for the DocuColor 6060
- Adobe Acrobat 5.0
- Ultimate InSpire Software
- Network Parameters (hostname, IP address, network services and protocols)

It may, however, become necessary, for example after a system crash, to reinstall the system at the customer's site.

The reinstallation is mostly unattended. User interaction is needed only for entering the OS license number and the computer hostname, for rebooting the computer when requested, for inserting the final application CD-ROM and for the Configuration Wizard. The reinstallation of the system requires two CD-ROMs: CD-ROM #1 (Windows 2000 Professional Fast Install) and CD-ROM #2A (CXP6000 Color Server version 3.0 for the DocuColor 6060 Application Software) or CD-ROM #2B (CXP6000 Color Server version 3.0 for the DocuColor 2060/2045 Application Software).

The following table outlines the CXP6000 Color Server disk configuration:

Disk 0	C: Windows 2000 Professional software Creo application	D: Spool files Shared files Output directory files Apr high res files
Disk 1	Image storage	
Disk 2	Image storage	



Notes:

To enable the restoration of customer settings, back up the CXP6000 Color Server configuration, before loading the operating system.

It is recommended that you back up your configuration on a diskette in case the system crashes.

Determine whether VIPP or any other Xerox/Creo supported application is loaded on the CXP6000 Color Server. Such applications have to be reloaded after the reinstallation is completed.

There are two methods of reinstalling the system:

- **Creo Software Complete Overwrite Installation:**

This procedure replaces the entire system disk, operating system partition, Creo application, and user partition (partitions C: and D:). A complete overwrite should be performed only when you are upgrading the operating system.



Note: This option deletes all the files stored on disks C: and D:. Make sure to back up any important customer files before selecting this option.

- **Creo Software Preservation Installation (System Partition Overwrite):**

This procedure replaces only the operating system partition (C:). You should perform System Partition Overwrite when the Windows 2000 Professional operating system is corrupt and needs to be reinstalled.

Reinstalling the Operating System

Before reinstalling, ensure that:

- all external SCSI devices are disconnected from the CXP6000 Color Server.
- the following information is available
 - CD-ROM software pack
 - Computer name (for example, CXP1)
 - TCP/IP information
 - Windows 2000 Professional OEM product ID number
 - Gateway, WINS address, and DNS information
 - Required AppleTalk zone
 - IPX information



For more details, refer to the *Xerox Installation and Planning Guide*.

To reinstall the Windows 2000 Professional operating system:



Note: If you are already logged on your system and the CXP6000 Color Server workspace is open, exit the workspace and proceed to step 2.

1. Power on your computer.
2. Place CD-ROM #1 (Windows 2000 Fast Install) in the CD/DVD-ROM drive.
3. Restart the computer.
4. On the desktop, follow the path: **Start>Shut Down>Restart**.
5. Wait until the **PC DOS Start Up Menu** appears.
The following choices are available:
 - Creo Software Complete Overwrite Installation
 - Creo Software Preservation Installation (System Partition Overwrite)
 - DOS prompt

6. Use the arrows to select **Creo Software Complete Overwrite Installation** and press ENTER.



Note: If the Norton Ghost® License Agreement Warning appears, select **OK** to mark the drives as usable by Norton Ghost. The warning will only appear if you have installed a new SCSI hard disk.

The system starts copying the files.

After a few minutes, you are prompted to remove the CD-ROM from the CD/DVD-ROM drive and reboot.

7. Press CTRL+ALT+DEL to reboot.
The system copies files and reboots a few times.
8. When the Windows 2000 Professional Setup screen appears type the 25-digit Product Key, that comes with the Windows 2000 Professional manual, and click **Next**.
9. In the Computer Name and Administrator Password screen, type the name for the CXP6000 Color Server, for example CXP6000_1.



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 *If you want to change the administrator name and password:* on page 133, or *If you want to change the user password:* on page 133).

10. Click **Next**.
The installation process begins.
11. At the end of the installation, the system reboots a number of times.
You are asked to insert the Application Software CD-ROM (CD-ROM #2A or #2B) into the CD/DVD-ROM drive.
12. Proceed to *Reinstalling the Creo Application Software* on page 96.

Reinstalling the Creo Application Software

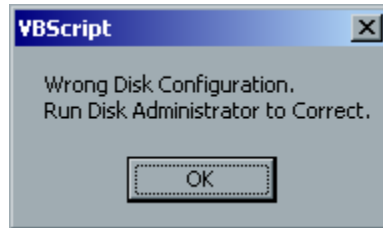
To reinstall the Creo application software:

1. Select the correct CD-ROM #2 for your printer type.
2. Insert the CD-ROM into the CD/DVD-ROM drive and close the CD/DVD-ROM drive.
3. In the SPIRE splash screen that appears, click **Start**.
The Adobe Acrobat setup begins.
4. After the Adobe Acrobat setup is complete, the CXP6000 Color Server installation starts.
5. When the License Agreement window opens, click **Yes** to continue the CXP6000 Color Server installation.
6. When the installation is complete, remove CD-ROM #2 from the CD/DVD-ROM drive.
7. The system restarts automatically.
Proceed to *Disk Striping* on page 97.

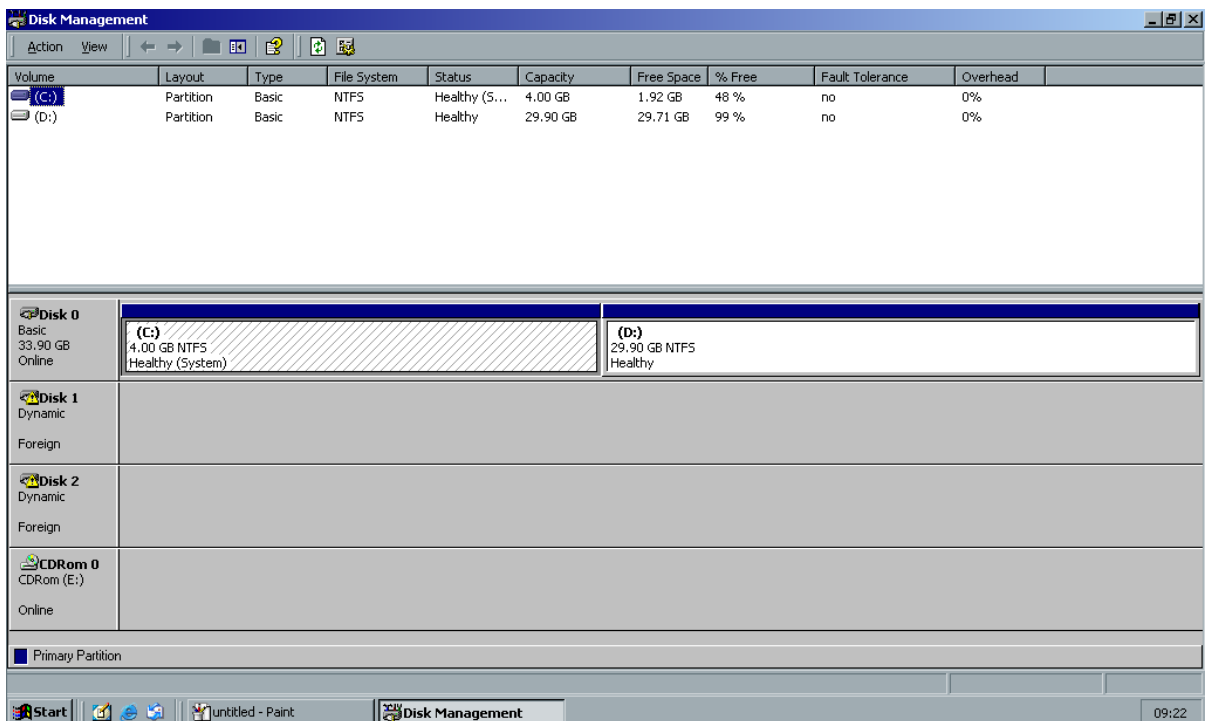
Disk Striping

To stripe the disks:

1. Once the CXP6000 Color Server reboots the Wrong Disk Configuration message appears. This message indicates that the disks need to be striped. Click **OK**.

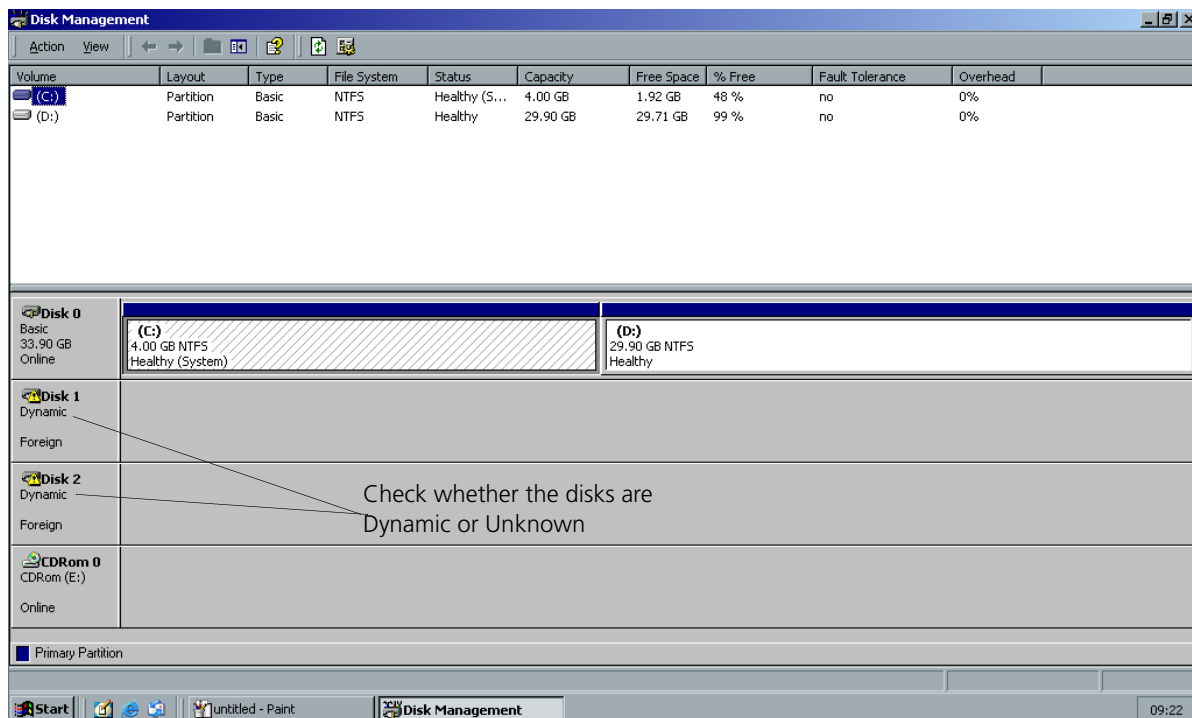


The Disk Management window appears.



2. Maximize the window.

3. In the Disk Management window, check whether Disk 1 and Disk 2 are **Dynamic** or **Unknown**.
 - If the disks are Dynamic perform the procedure: *To stripe Dynamic disks*: on page 99.
 - If the disks are Unknown perform the procedure: *To stripe Unknown disks*: on page 103.

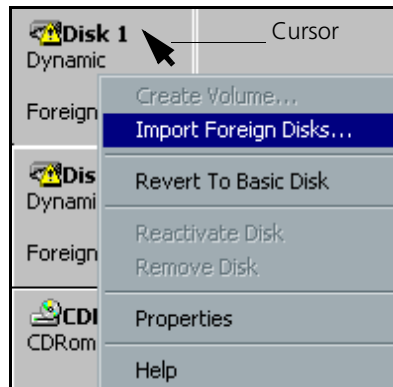


To stripe Dynamic disks:

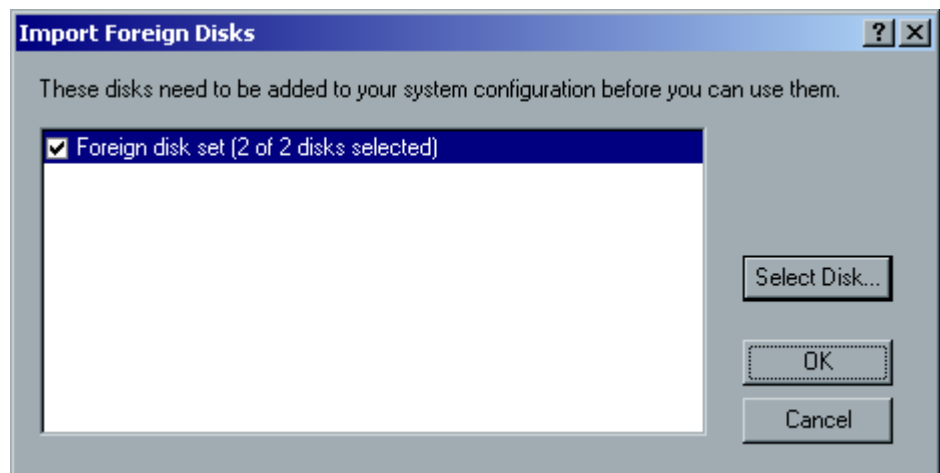
1. Position the cursor in the area where the disk is designated **Dynamic**. Right-click and select **Import Foreign Disk**.



Foreign disks are SCSI hard disks that were recognized as dynamic disks from a previous installation.



The following window appears.



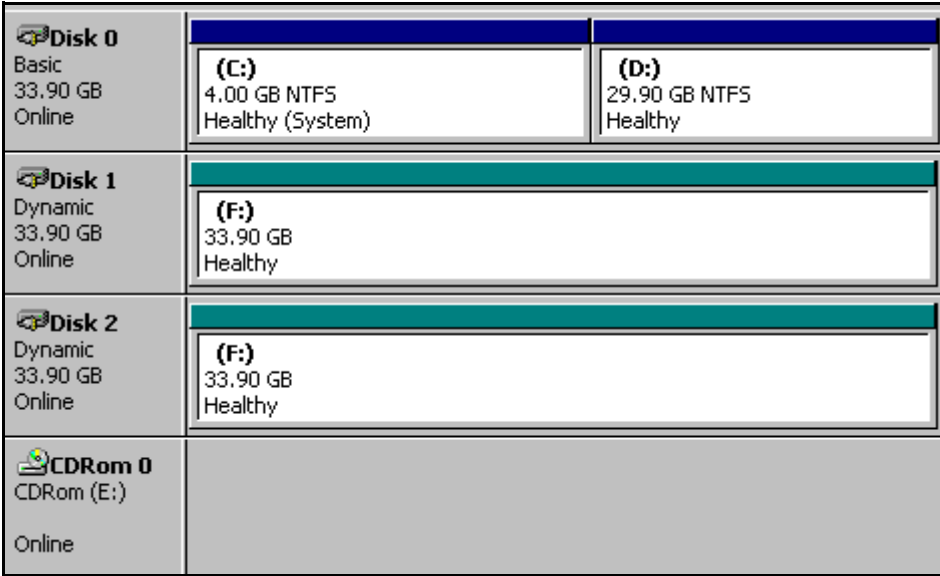
2. Verify that **Foreign disk set (2 of 2 disks selected)** is selected and click **OK**.

The following window appears.



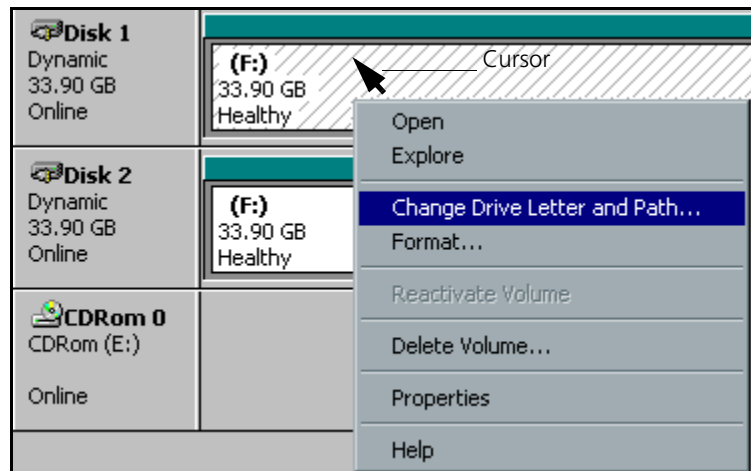
- 3. Click **OK**.

The Dynamic disks are striped as shown in the following window.

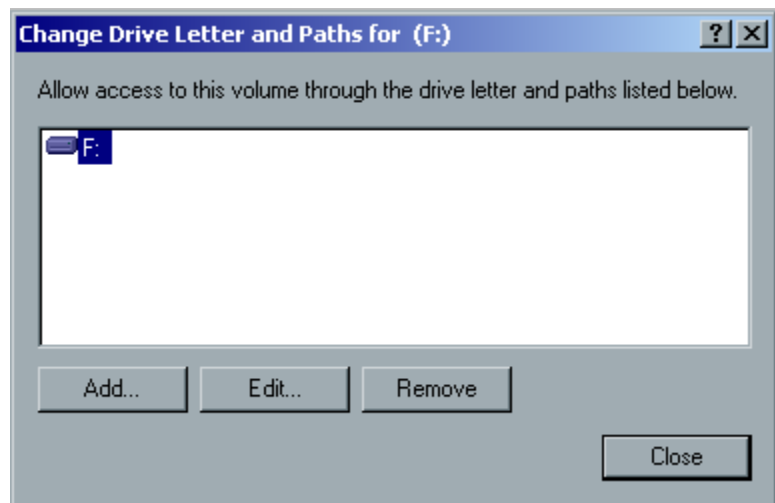


4. Position the cursor in the white area to the right of the first disk and right-click.

Select **Change Drive Letter and Path**.

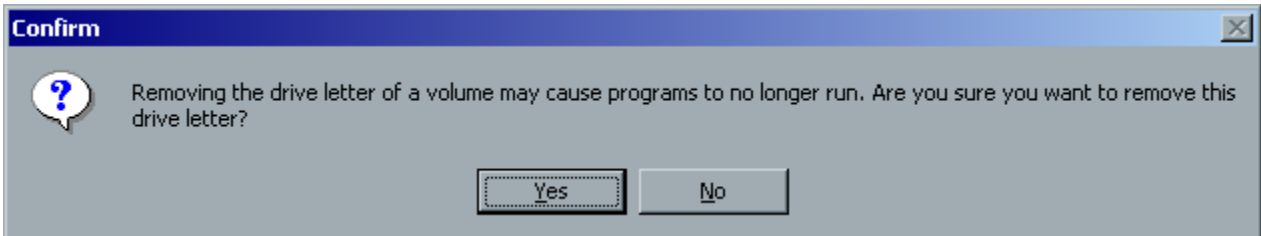


The following window appears.

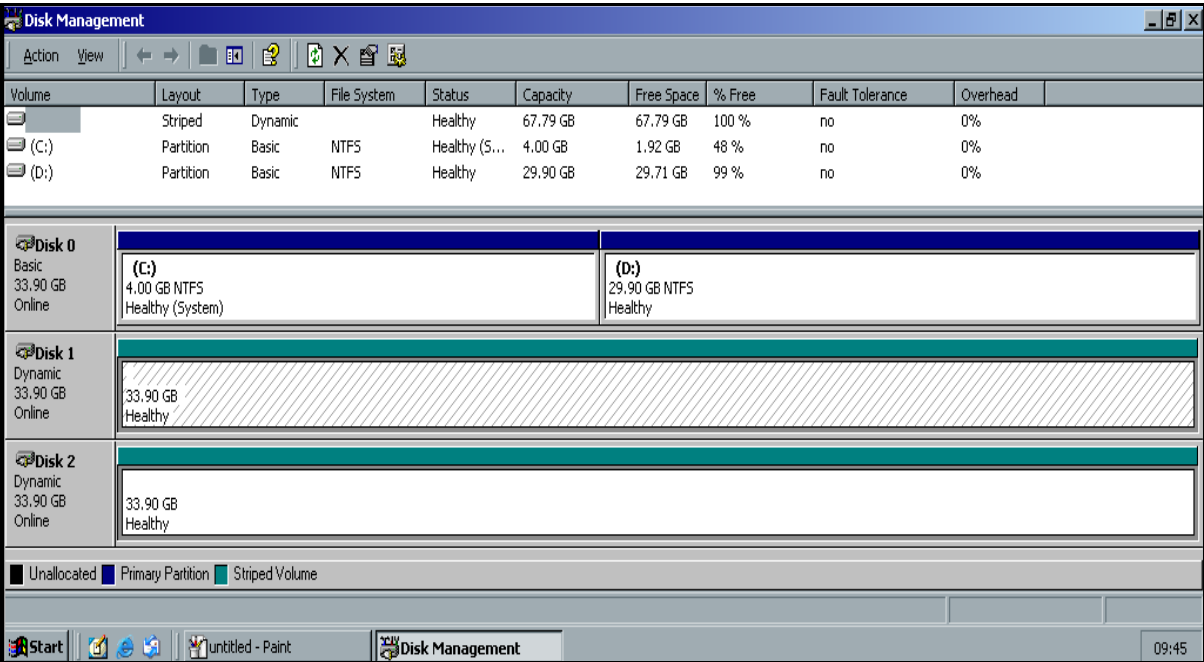


5. The drive letter is preselected.
Click **Remove**.

The following Confirm message appears.



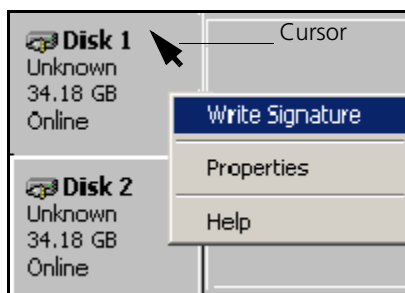
- 6. Click **Yes**.
- 7. Confirm that the Disk Management window appears as illustrated in the following window, which shows that the drive letters have been removed.



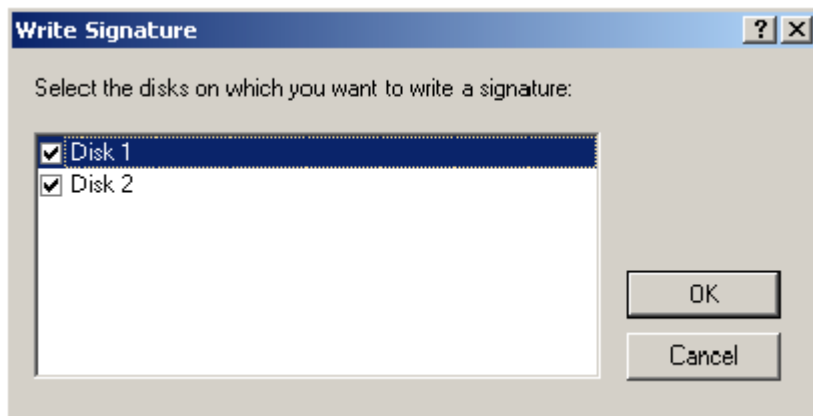
8. Close the Disk Management window.
9. The Image Disks File System is not Formatted message appears. Click **OK**.
10. You have completed to stripe the **Dynamic** disks.
 - If configuration recovery information is available, proceed to *The Configuration Wizard (If Backup Available)* on page 114.
 - If there is no backup and the system configuration must be done manually, proceed to *The Configuration Wizard If Recovery Fails or is Unavailable* on page 119.
 - If the system recognizes a SCSI hard disk that is new or a disk that has been low-level formatted perform the following procedure *To stripe Unknown disks:*.

To stripe Unknown disks:

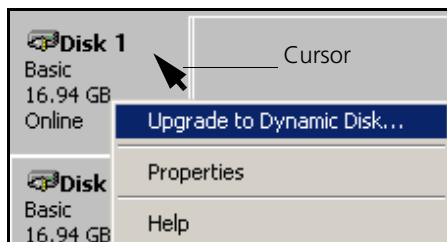
1. Position the cursor in the area where the disk is designated **Unknown**. Right-click and select **Write Signature**.



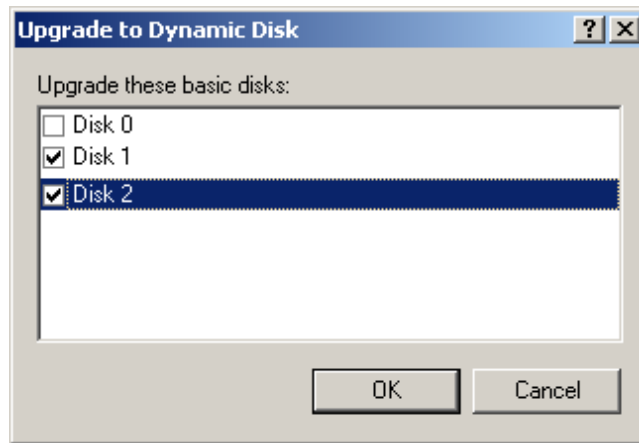
The following window appears.



2. Select the **Disk 1** and **Disk 2** check boxes and click **OK**.
3. In the Computer Management screen, **Disk 1** and **Disk 2** are now both designated **Basic**.
Position the cursor in the area where the first disk is designated **Basic**.
Right-click and select **Upgrade to Dynamic Disk**.



The following window appears.

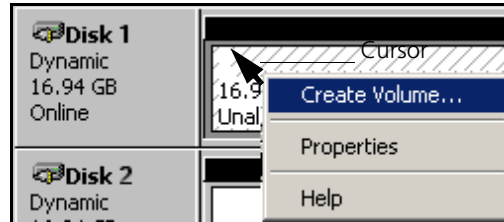


4. Select the **Disk 1** and **Disk 2** check boxes and click **OK**.
Disks 1 and 2 are image disks and Disk 0 remains a system disk.

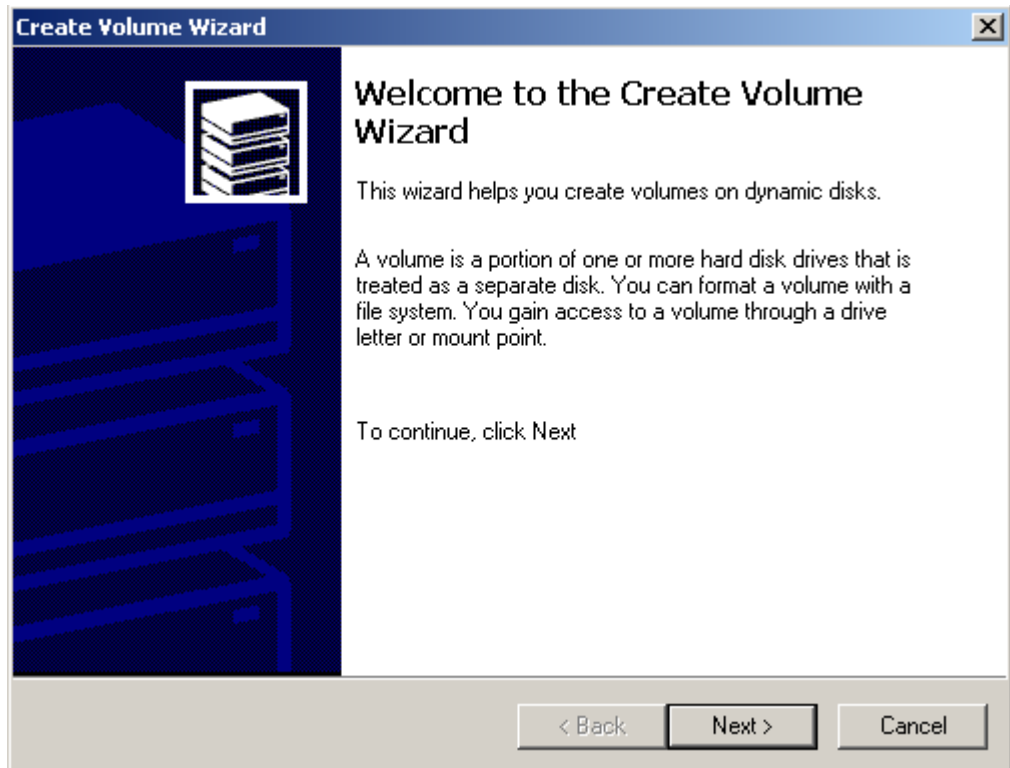


Note: Do not select Disk 0. Upgrading Disk 0 will remove all the information stored on this disk.

5. In the Computer Management window, Disk 1 and Disk 2 are now both designated **Dynamic**.
Position the cursor in the cross-hatched area to the right of the first disk.
Right-click and select **Create Volume**.

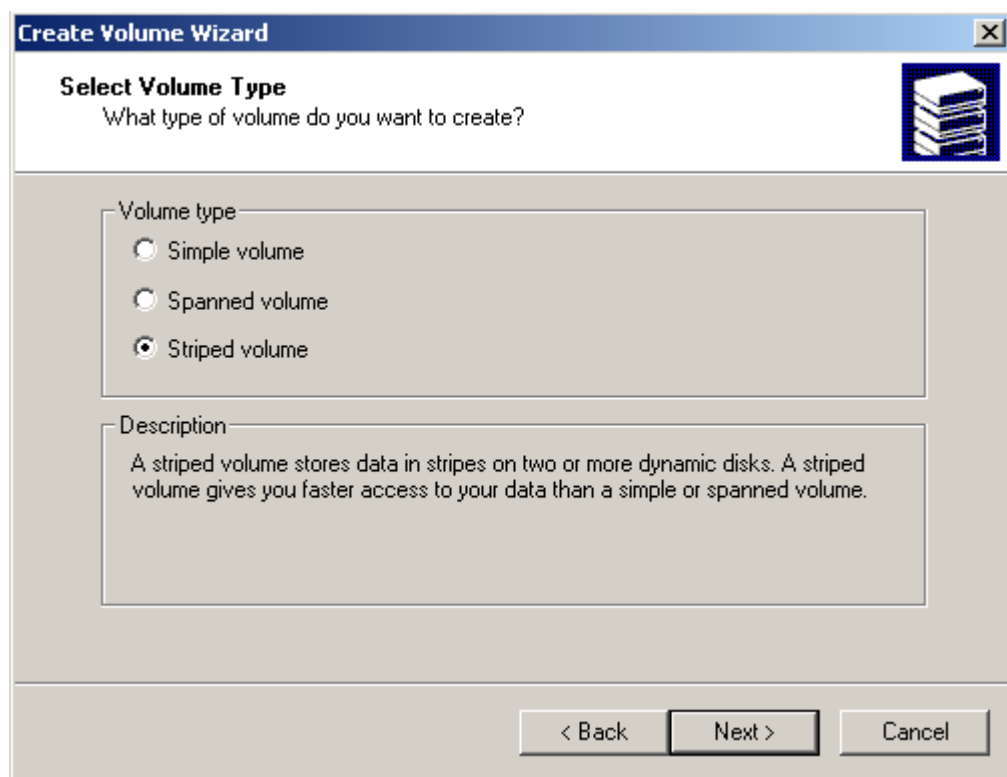


The following wizard appears.



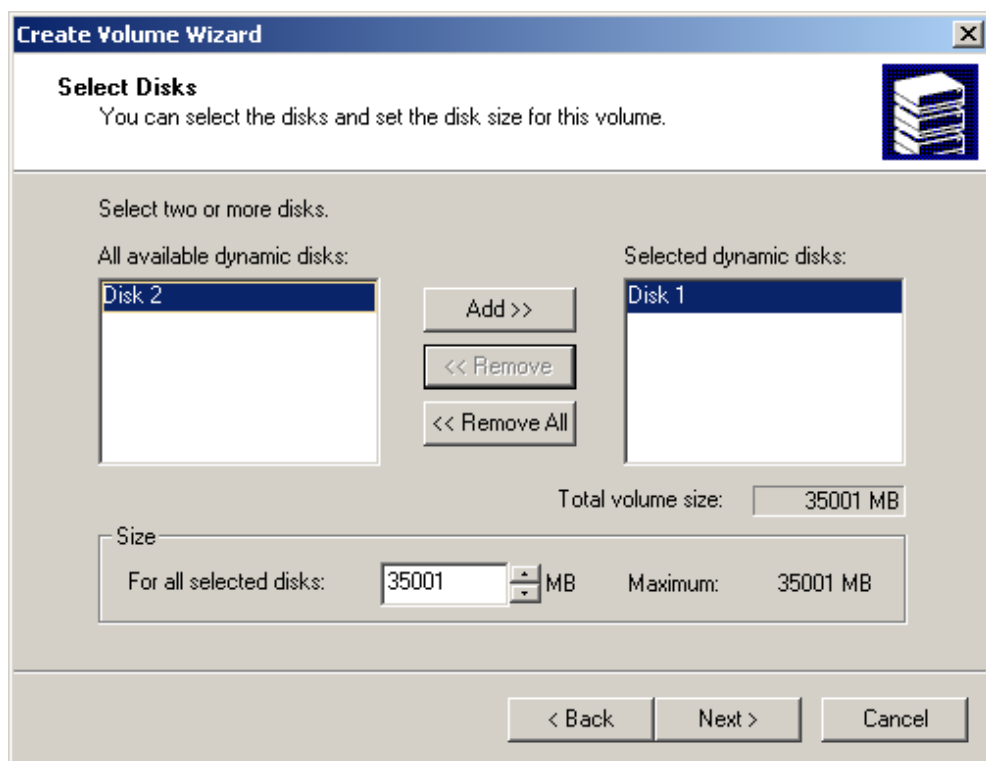
6. Click **Next**.

The following window appears.



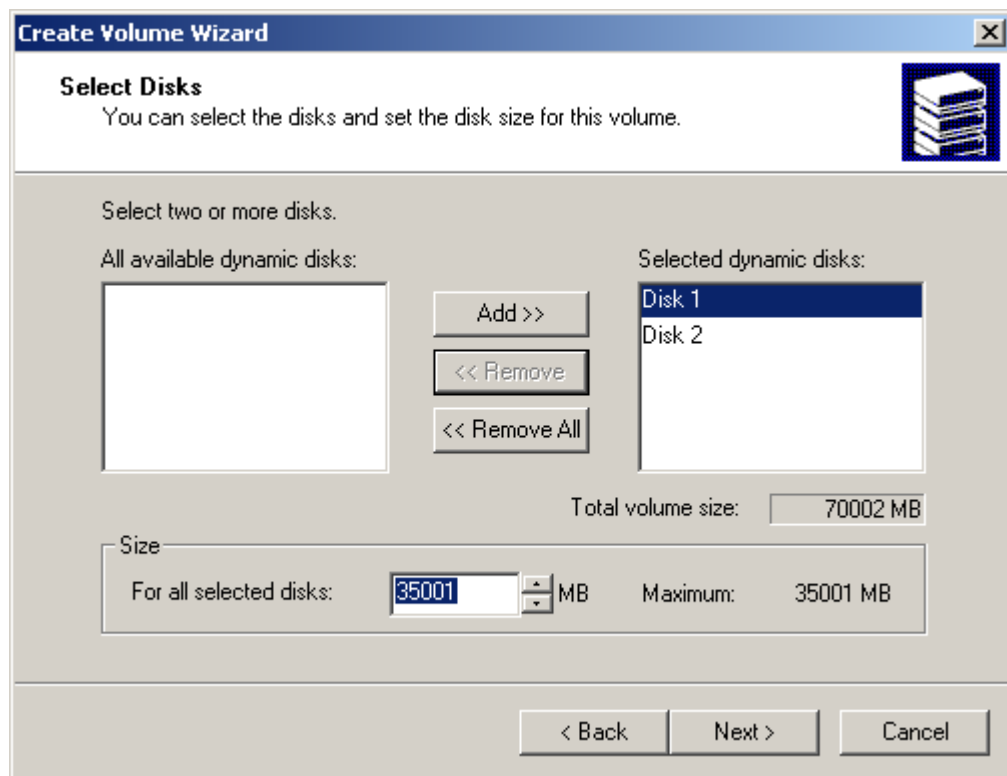
7. Select **Striped volume** and click **Next**.

The following window appears.



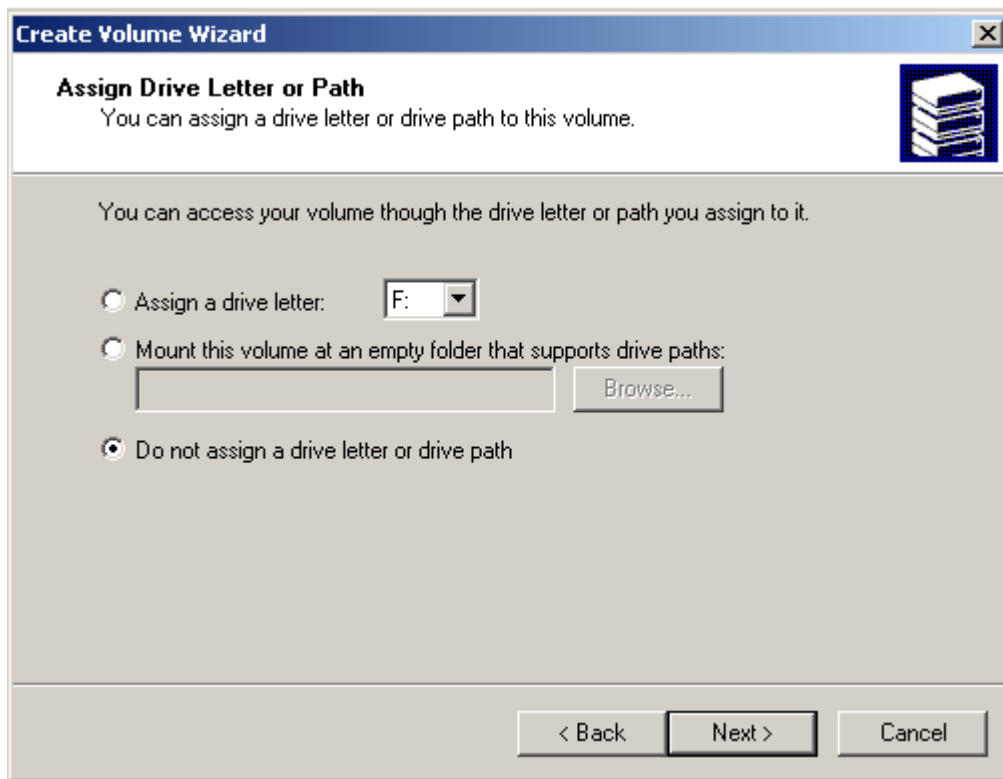
8. Select **Disk 2** and click **Add>>**.

The following window appears.



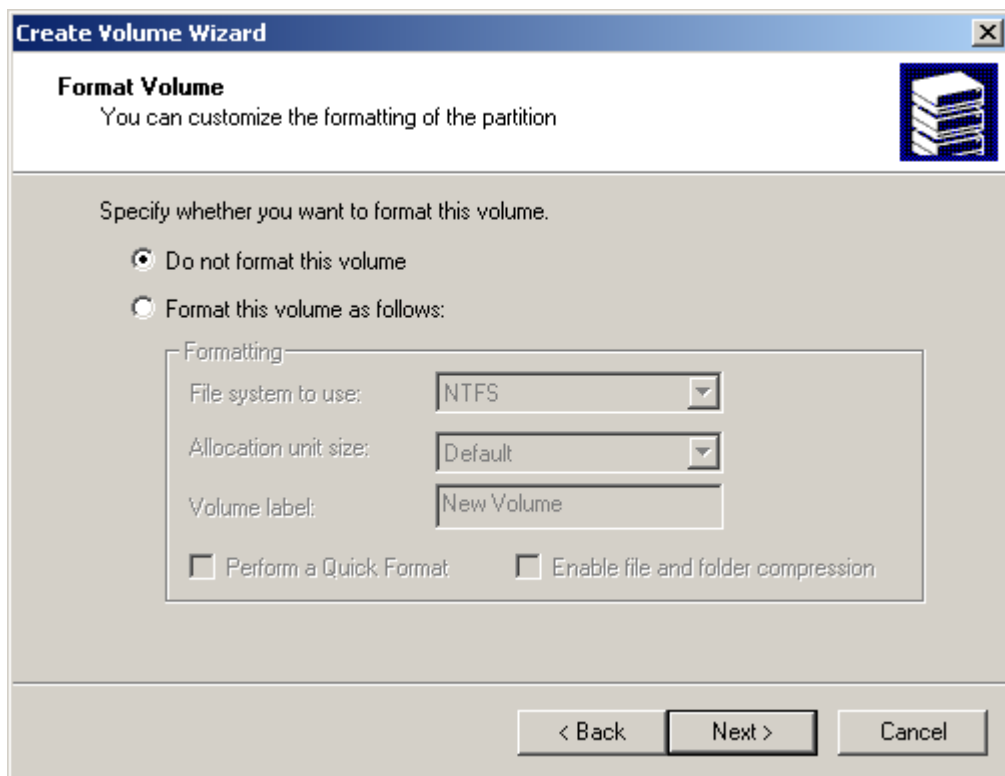
9. Disk 1 and 2 are listed under **Selected dynamic disks**. The **Total volume size** has increased from 35001 MB to 70002 MB. Click **Next**.

The following window appears.



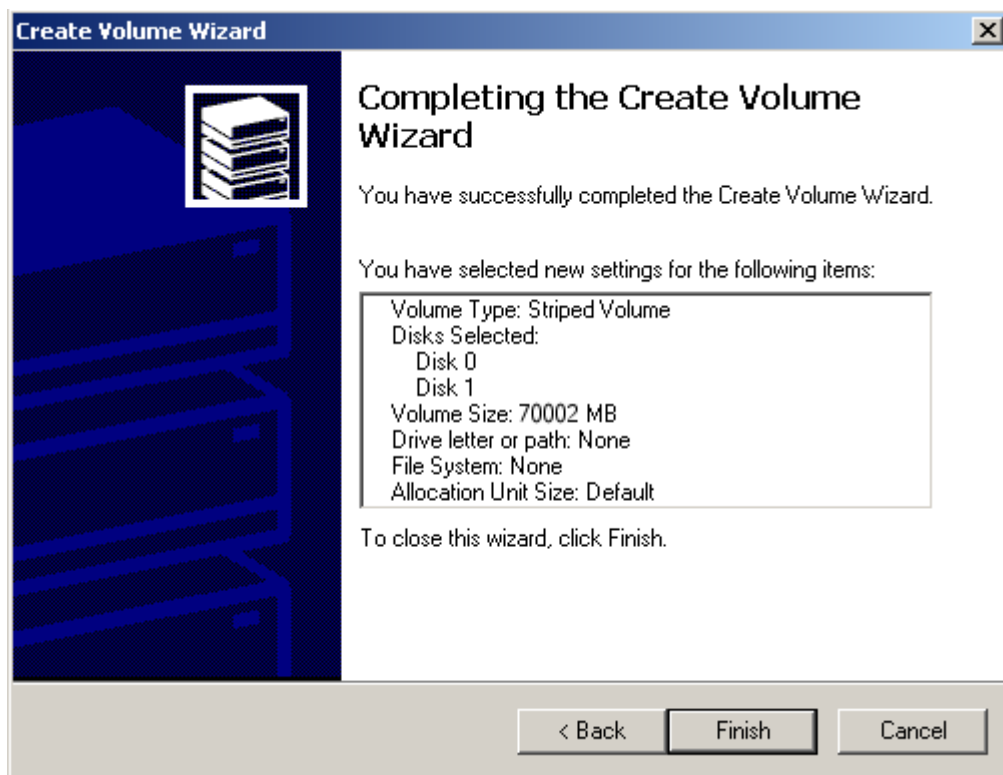
10. Select **Do not assign a drive letter or drive path**.
Click **Next**.

The following window appears.



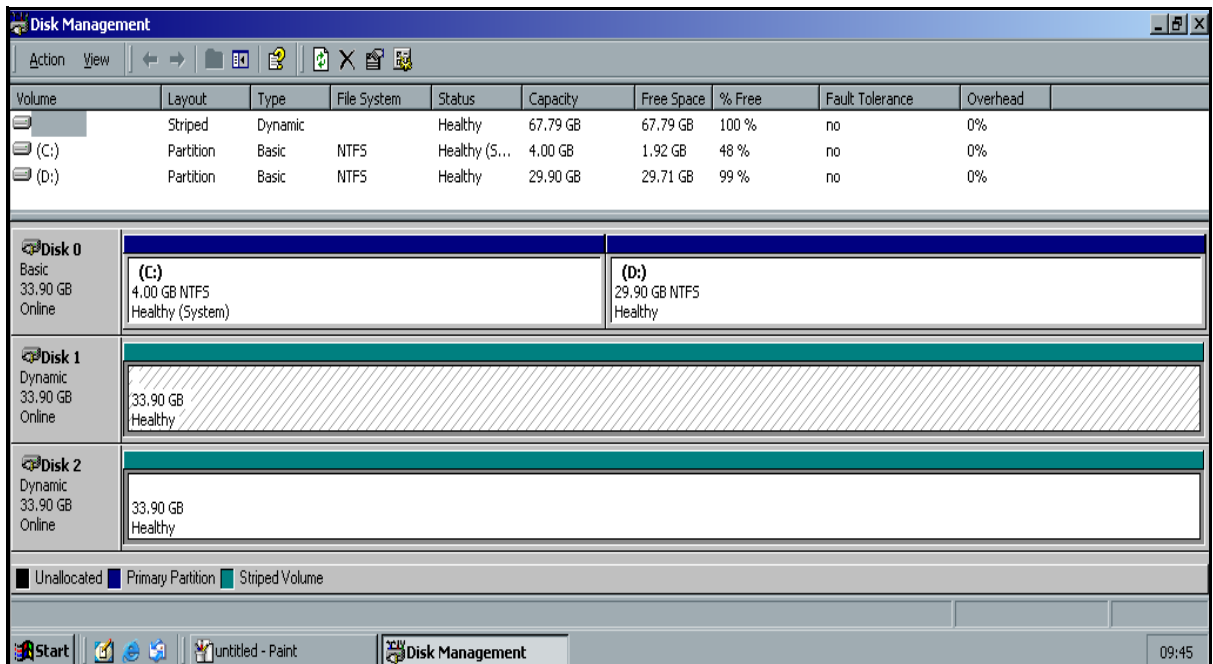
11. Select **Do not format this volume** and click **Next**.

The following window appears listing a summary of disk and striping information.



12. Click **Finish**.

The following window appears.



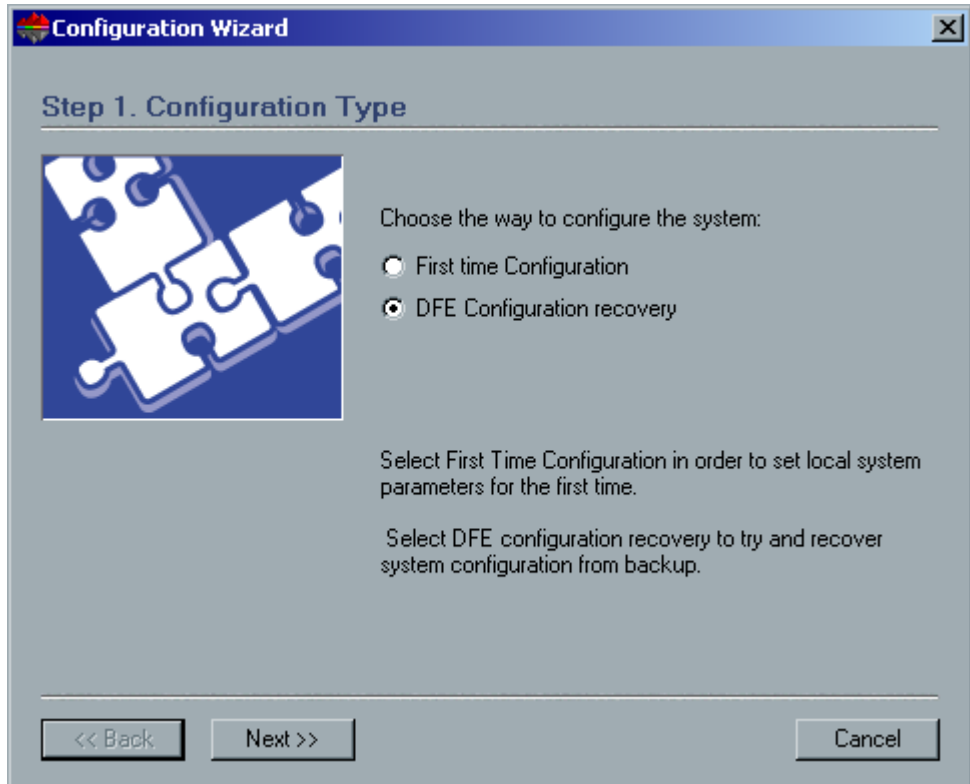
13. Confirm that the Disk Management window appears as illustrated in the previous window: one of the volumes is cross-hatched, and the drive letters have been removed.
14. Close the Disk Management window.
15. The Image Disks File System is not Formatted message appears. Click **OK**.
The CXP6000 Color Server reboots automatically.
16. After the computer restarts, the Configuration Wizard appears.
 - If configuration recovery information is available, proceed to *The Configuration Wizard (If Backup Available)* on page 114.
 - If there is no backup and the system configuration must be done manually, proceed to *The Configuration Wizard If Recovery Fails or is Unavailable* on page 119.

The Configuration Wizard (If Backup Available)

The CXP6000 Color Server Configuration Wizard automatically appears after the installation is complete. Follow the steps of the wizard to complete the CXP6000 Color Server configuration recovery.

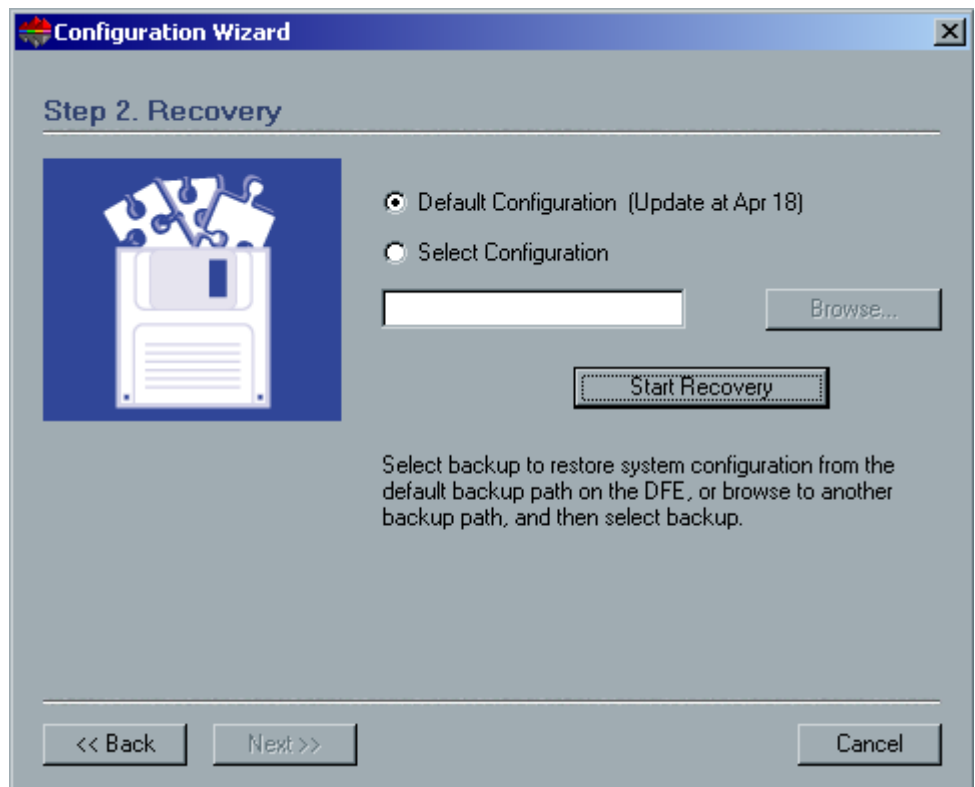


Note: If you received the message `Error in default configuration`, click **OK** and go to step 2 in *Restoring the Configuration* on page 115.



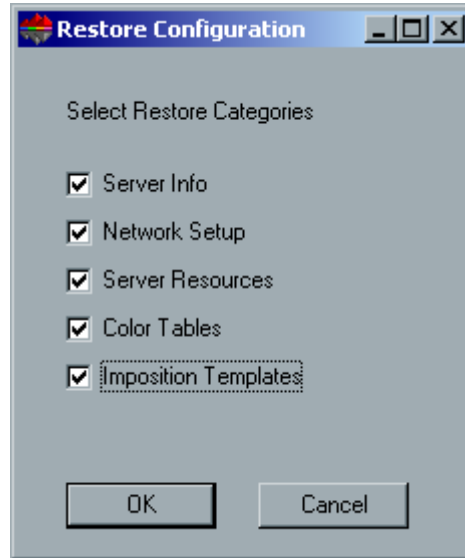
Restoring the Configuration

To restore the configuration:



1. If you would like to restore the default configuration, select **Default Configuration**.
2. If you received the message "**Error in default configuration**", or if you want to use a different configuration file than the default, choose **Select Configuration** and click **Browse**.
3. Locate the required configuration file and then click **OK**.

4. Click the **Start Recovery** button.
The Restore Configuration dialog box appears.

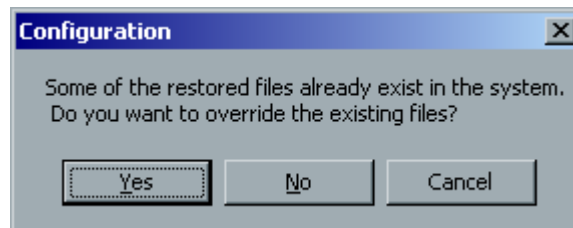


5. By default, all categories are selected. If you do not want to restore certain categories, clear the required selections.



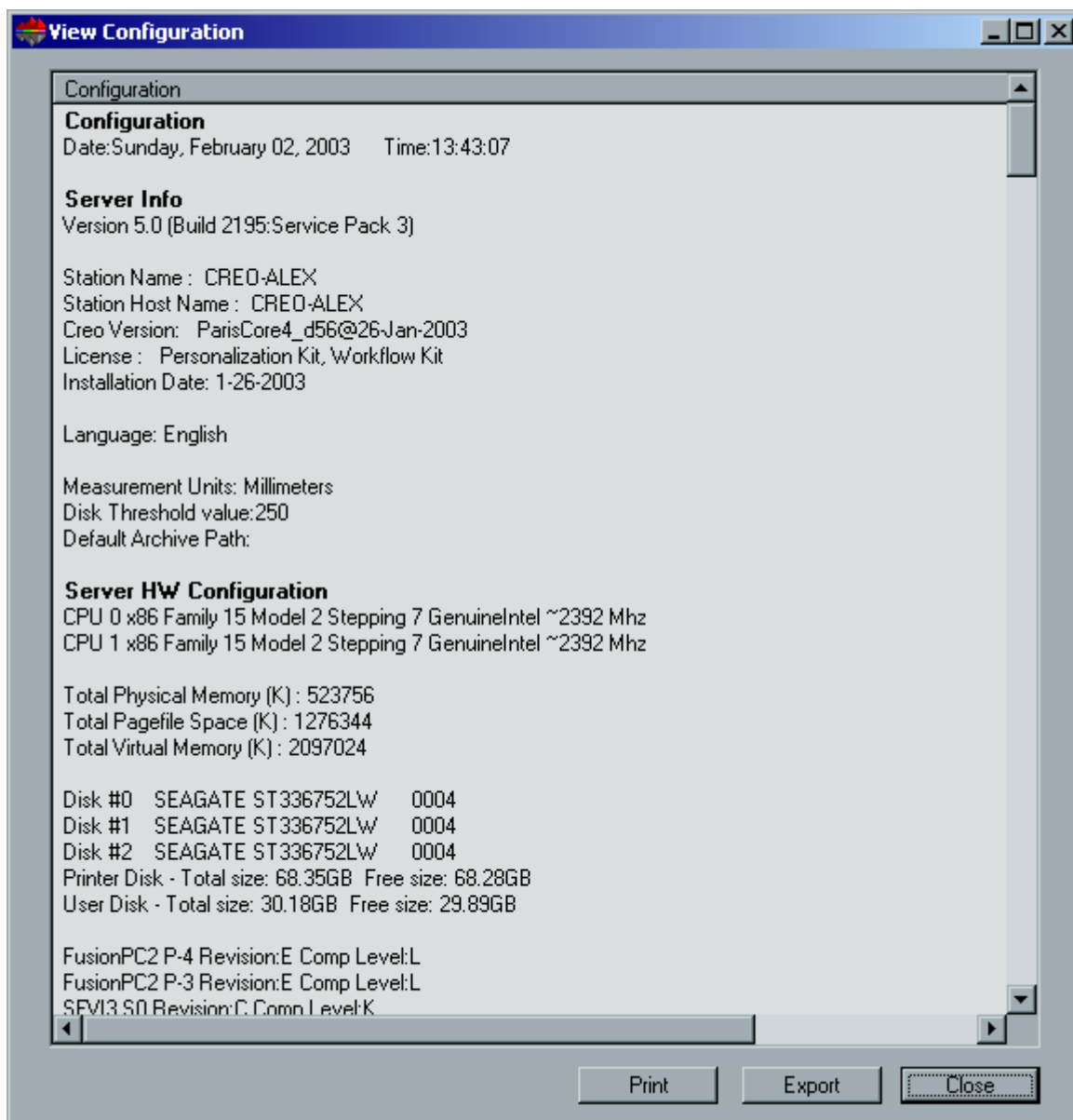
Note: When restoring the configuration all the custom tables/sets will be added to the system, for example, imported user-defined imposition templates, new virtual printers, downloaded fonts etc.

6. Click **OK**.
The following message appears.

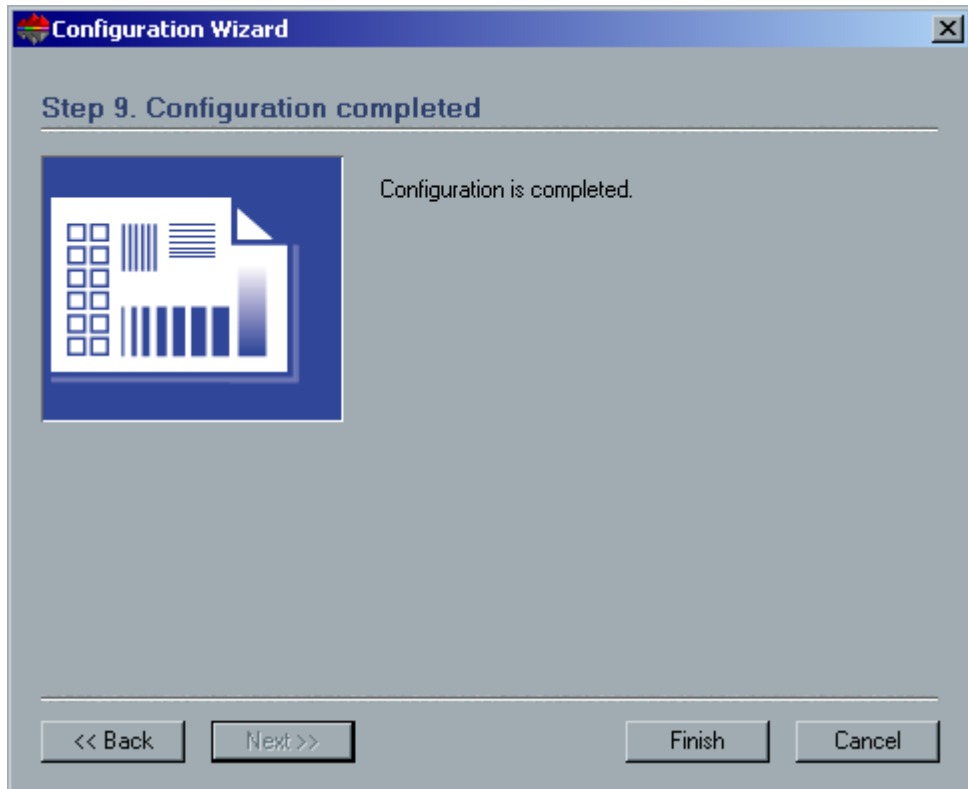


7. Click **Yes** if you would like the restored files to replace the current ones. Click **No** if you do not want the restored files to replace the existing files.
After the recovery is complete, a confirmation message is displayed.
8. Click **OK**.

9. Click **Next** in Step 2 Recovery window.
The View Configuration window appears.



10. Click **Close** to exit the View Configuration window.
Step 9 of the Configuration Wizard appears.



11. Click **Finish**.
The CXP6000 Color Server Application workspace appears on your screen.
12. Close all open applications and from the **Start** menu, choose **Shutdown**. Then, select **Restart the Computer**, and click **Yes**. The CXP6000 Color Server restarts.
13. If you want to change the administrator name and password, or only the user password, proceed to *If you want to change the administrator name and password: on page 133*, or *If you want to change the user password: on page 133*.

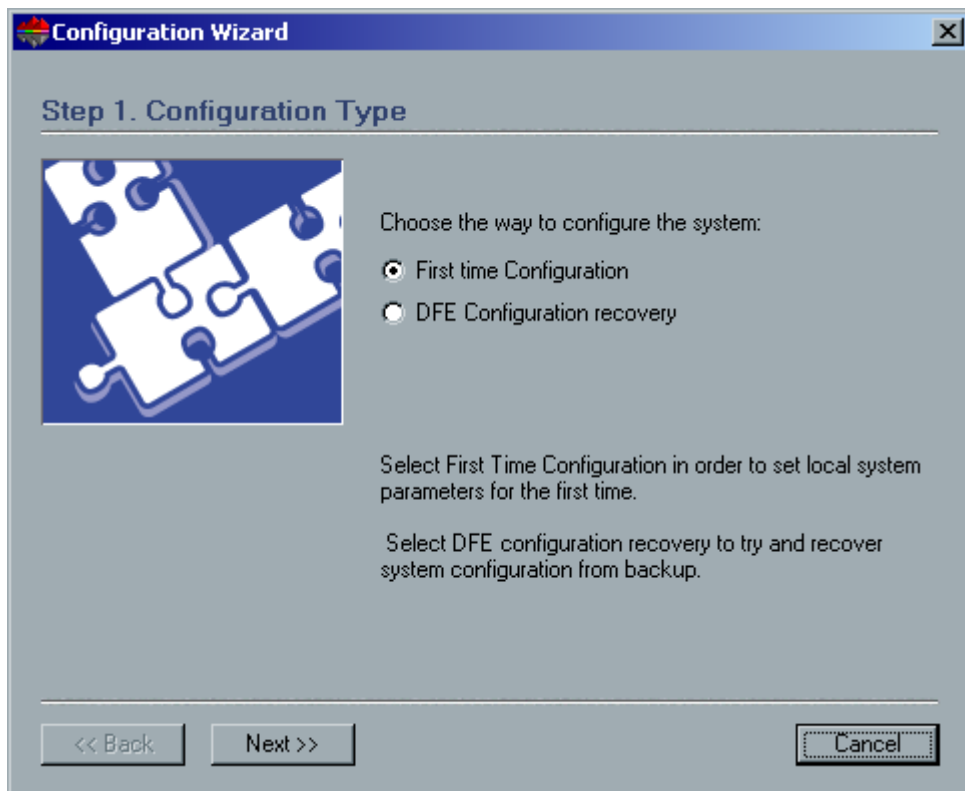
The Configuration Wizard If Recovery Fails or is Unavailable

If there is no backup configuration in your system, you need to perform the following steps to configure your system.

Choosing the Configuration Type

The CXP6000 Color Server Configuration Wizard automatically appears the first time you power on the CXP6000 Color Server.

To choose the configuration type:

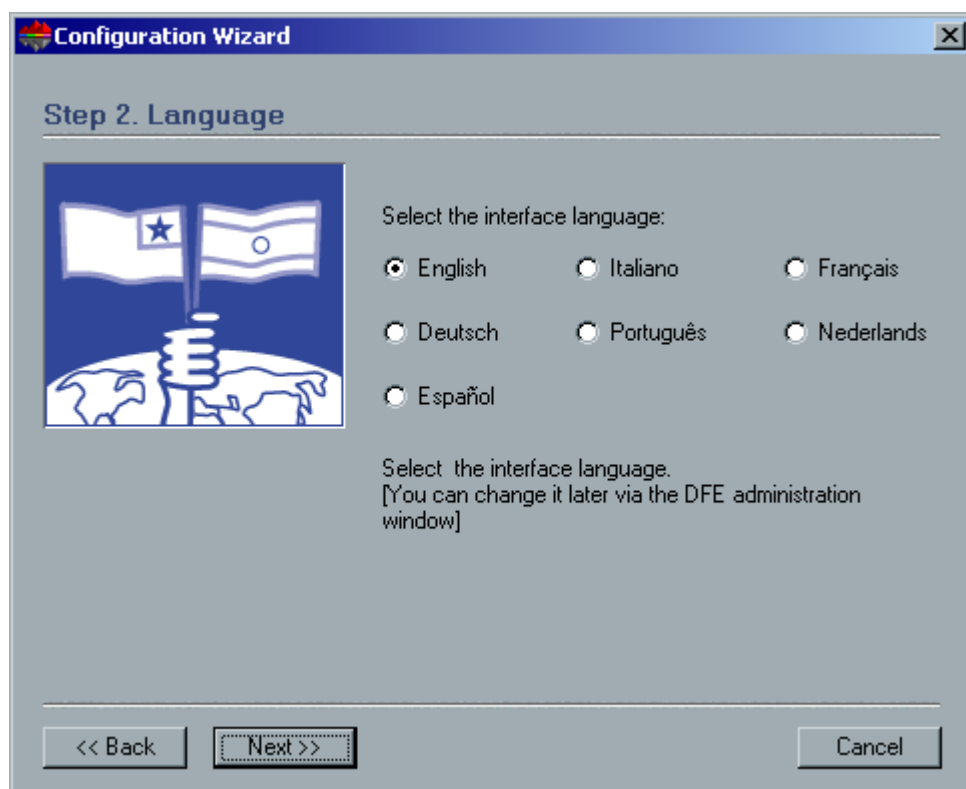


- Verify that **First Time Configuration** is selected and click **Next**.

Setting the Language

To set the language:

- Select the required interface language, and click **Next**.



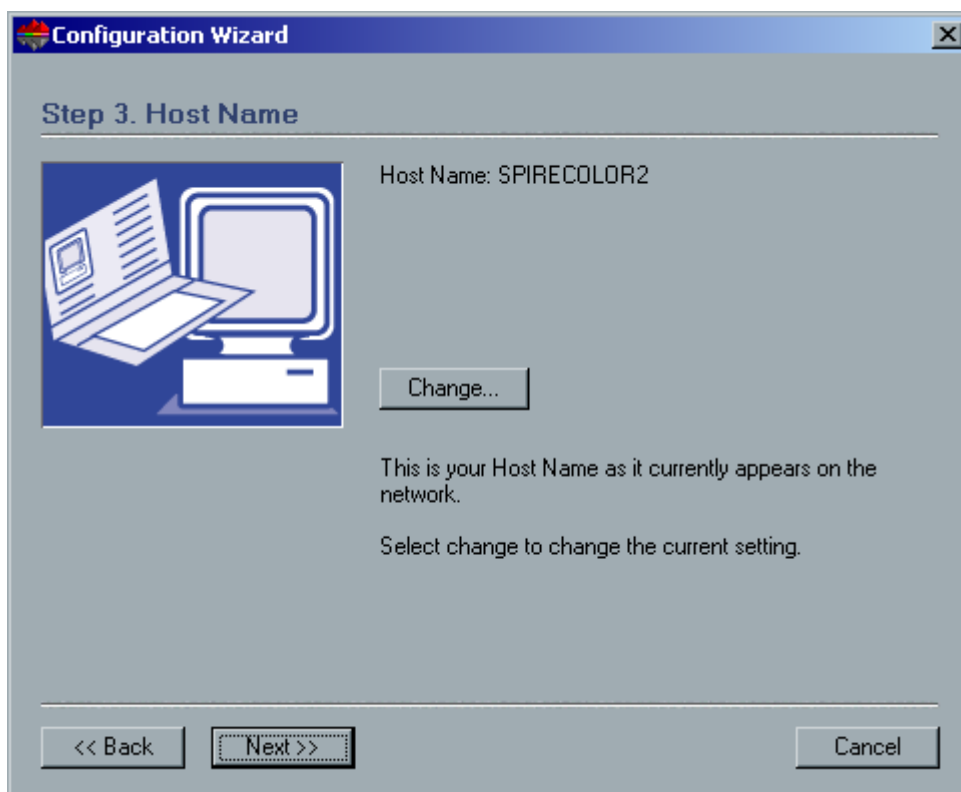
Configuring the Host Name

The CXP6000 Color Server contains a default Computer Name (Hostname) set from the factory. Check with your System Administrator if the computer's name needs to be changed.



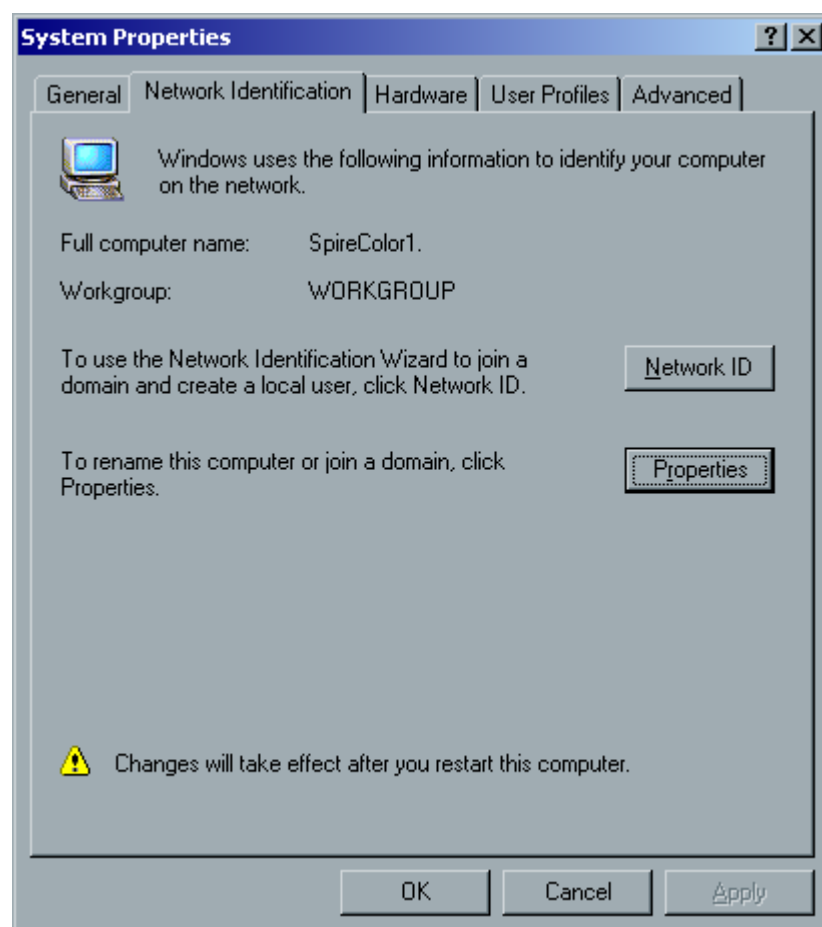
Note: The Hostname is taken from the computer name you typed during the Windows 2000 Professional Fast Installation, see *Reinstalling the Operating System* on page 94.

To configure the host name:

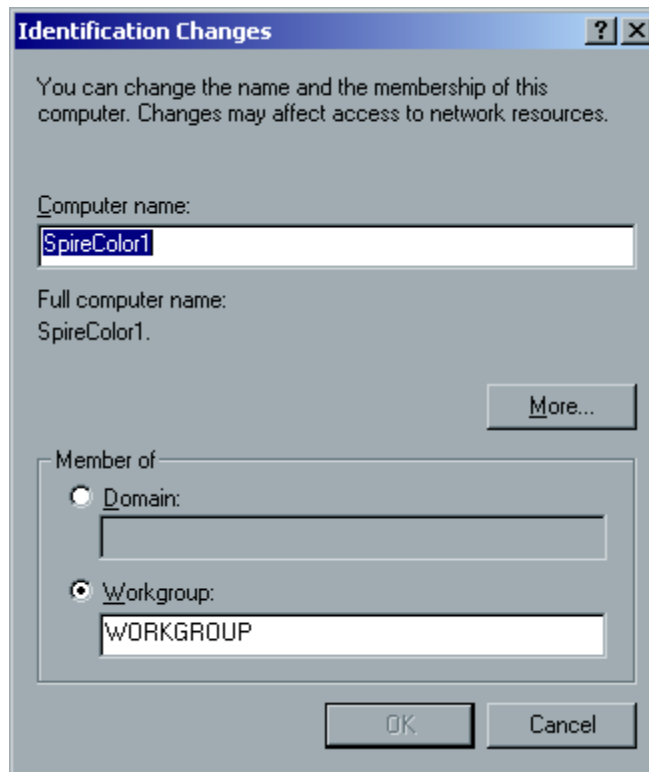


1. Verify that the correct host name is displayed and click **Next**. Otherwise, click the **Change** button.

The System Properties dialog box appears.



2. Click the **Properties** button.
The Identification Changes window appears.



3. In the **Computer name** field, type the new name for the computer. If you would like to change the **Workgroup** or the **Domain** in which your computer appears, type the new name in the corresponding field and click **OK**.



Note: Do not change the Workgroup or Domain unless instructed. If you are changing the Domain / Workgroup, verify that you have the user name and password for the Domain/ Workgroup.

A message appears to inform you that changes will take effect only after reboot.

4. Click **OK**.
5. Click **OK** also in the System Properties dialog box.

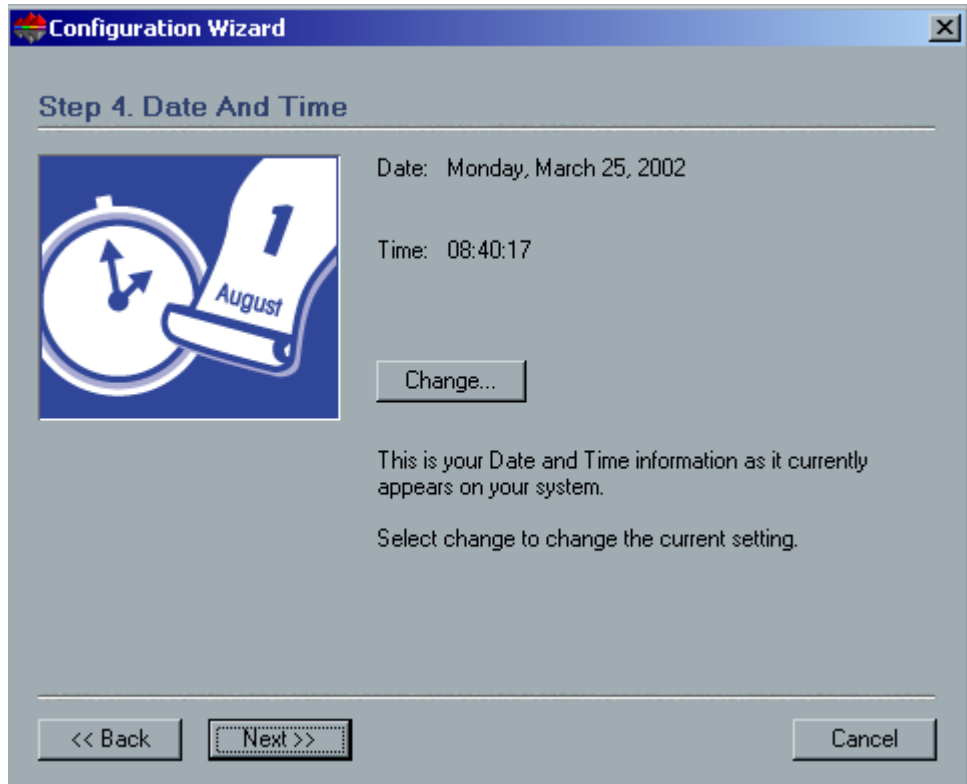
6. Click **Next** to continue.



Note: When prompted to restart your computer, click **No**, (since you will be prompted at the end of the Configuration Wizard to restart your system).

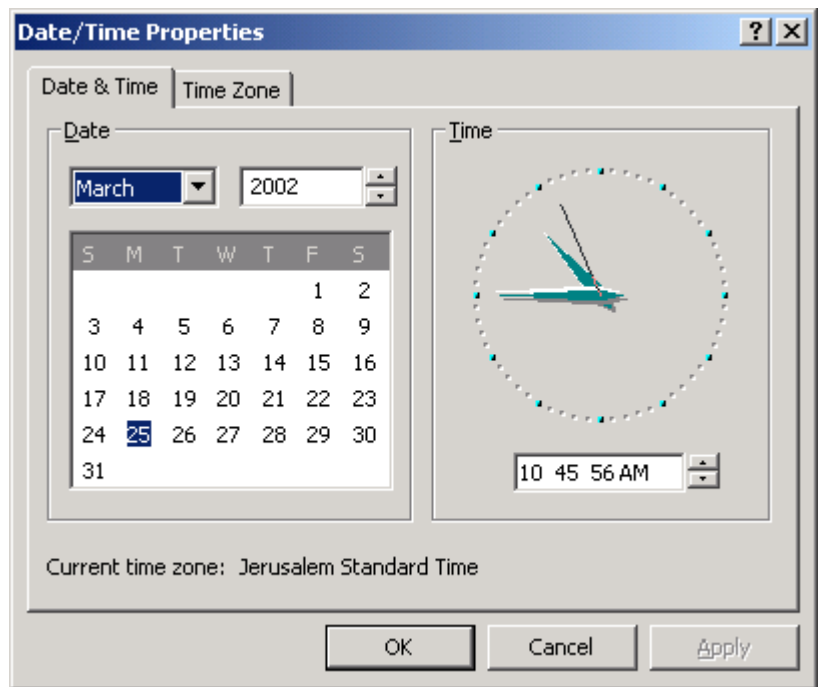
Setting the Date and Time

To set the date and time:



1. Check that the Date and Time are set correctly and click **Next**. Otherwise, click the **Change** button.

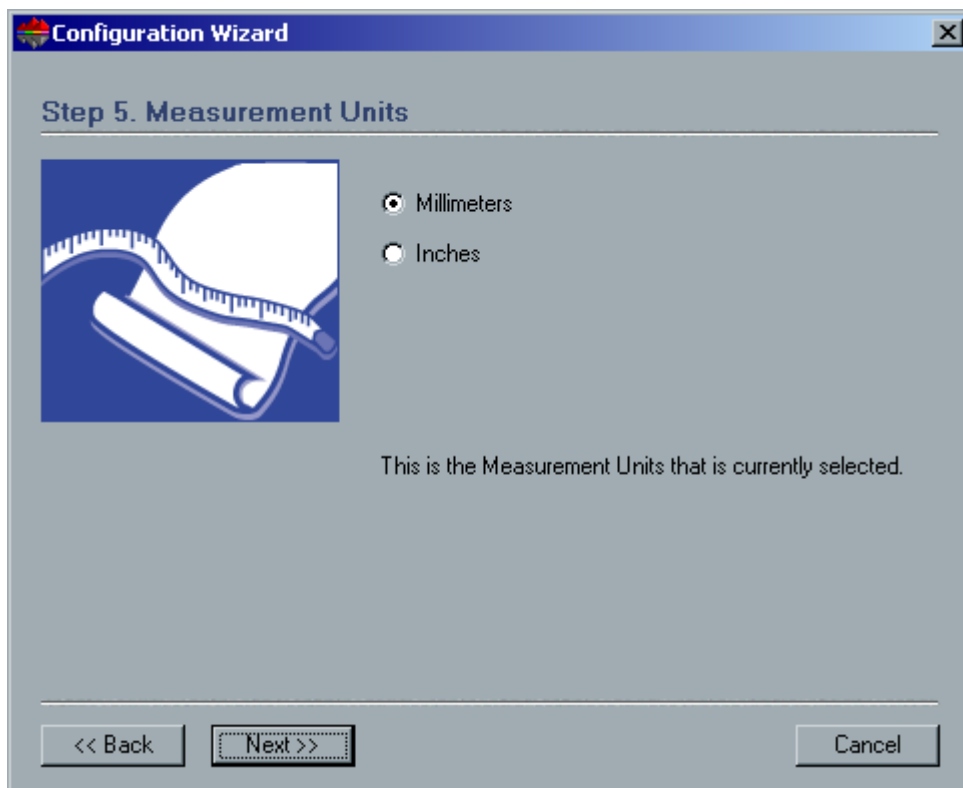
The Date/Time Properties dialog box appears.



2. Set the Time Zone and click **OK**.
3. Set the Date and Time correctly and click **OK**.
4. Then click **Next**.

Setting the Default Measurement Units

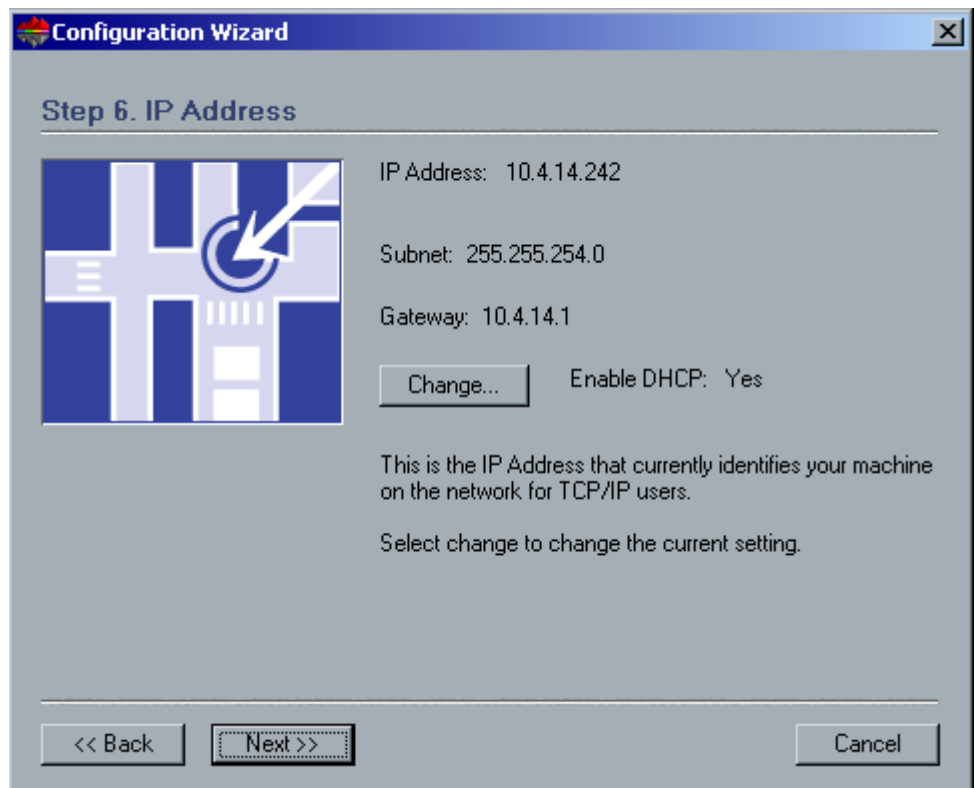
To set the default measurement units:



- Select the default measurement unit you want to use, and click **Next**.

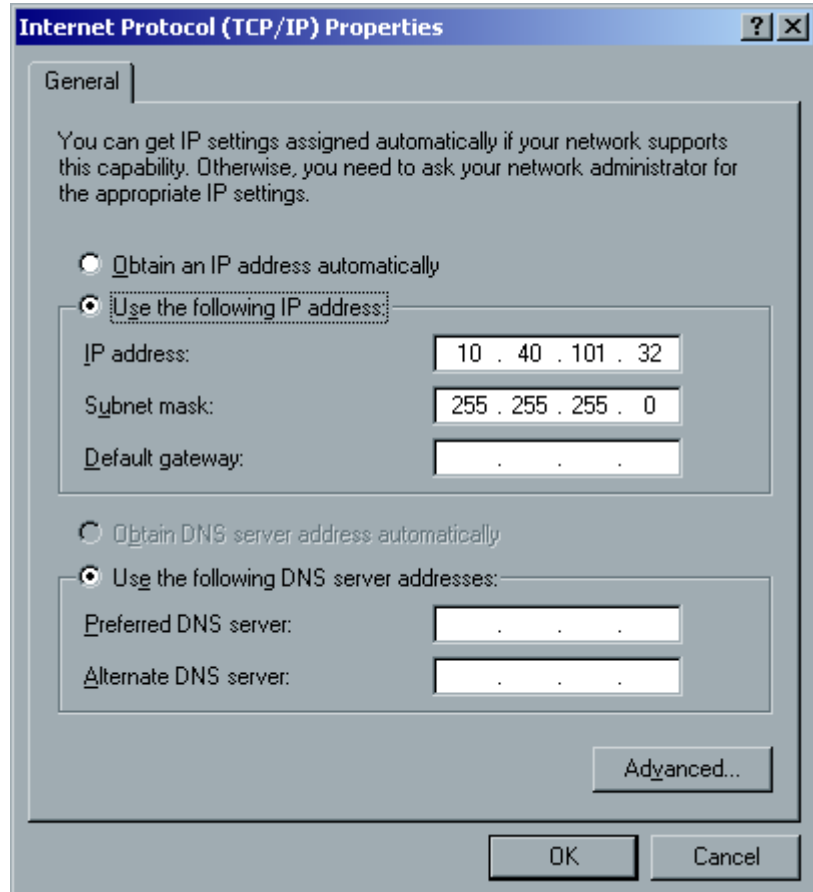
Configuring the IP Address

To set the IP address:



1. The CXP6000 Color Server is set to DHCP server configuration. Click **Next** to continue.
2. If you would like to specify a specific IP address, click the **Change** button.

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



The screenshot shows the 'Internet Protocol (TCP/IP) Properties' dialog box with the 'General' tab selected. The dialog box has a title bar with a question mark and a close button. Inside, there is a text box explaining that IP settings can be assigned automatically or manually. Two radio buttons are present: 'Obtain an IP address automatically' (unselected) and 'Use the following IP address:' (selected). Below the selected radio button are three input fields: 'IP address:' with the value '10 . 40 . 101 . 32', 'Subnet mask:' with the value '255 . 255 . 255 . 0', and 'Default gateway:' with three empty boxes. Below these are two more radio buttons: 'Obtain DNS server address automatically' (unselected) and 'Use the following DNS server addresses:' (selected). Below the selected radio button are two input fields: 'Preferred DNS server:' and 'Alternate DNS server:', both with three empty boxes. At the bottom right of the dialog box is an 'Advanced...' button. At the very bottom are 'OK' and 'Cancel' buttons.

3. Select **Use the following IP address** and type the **IP address**, **Subnet mask** and **Default gateway** in their corresponding boxes.



For more details on how to get the IP or DHCP (also subnet mask and default gateway) information, refer to the *Xerox Installation and Planning Guide*.

4. Click **OK**.
5. Click **OK** also in the Local Area Connection Properties dialog box.
6. Click **Next**.

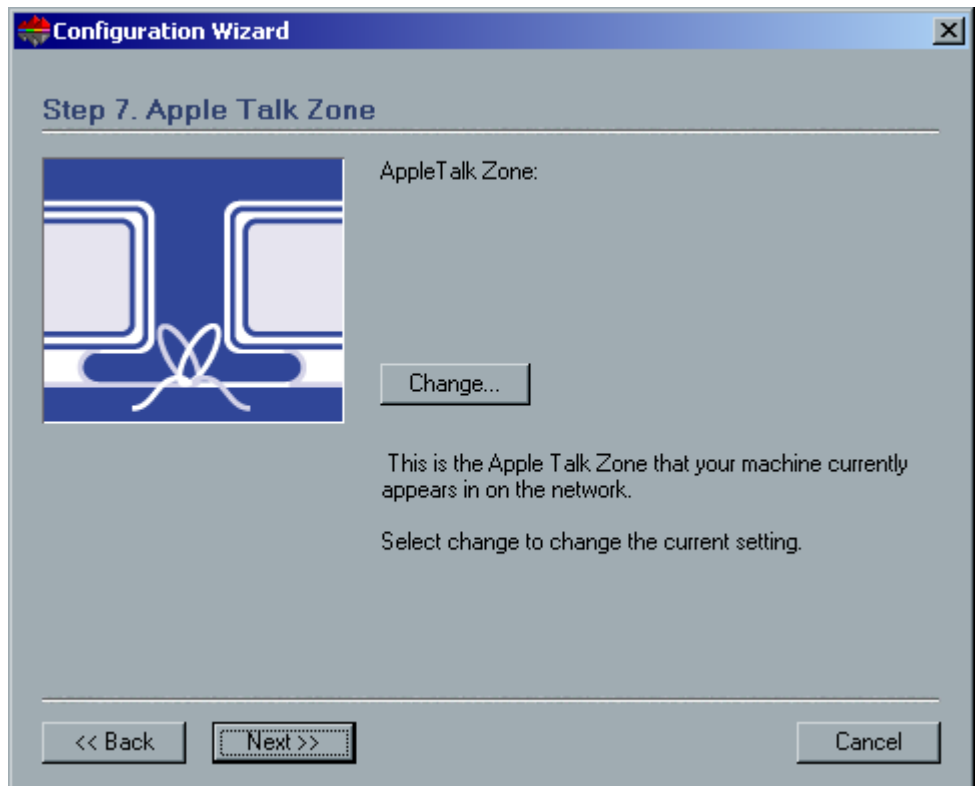
Configuring the Apple Talk Zone

This option enables you to change the AppleTalk network zone that your CXP6000 Color Server will appear in.



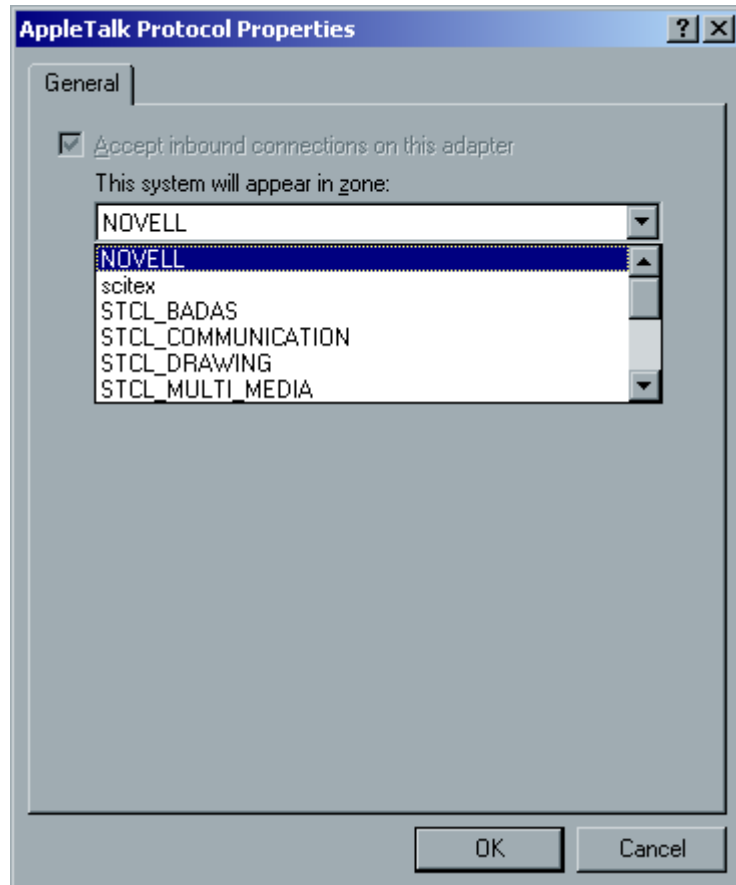
Note: This option only applies to networks that contain Macintosh computers.

To select an AppleTalk zone:



1. Click the **Change** button.

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

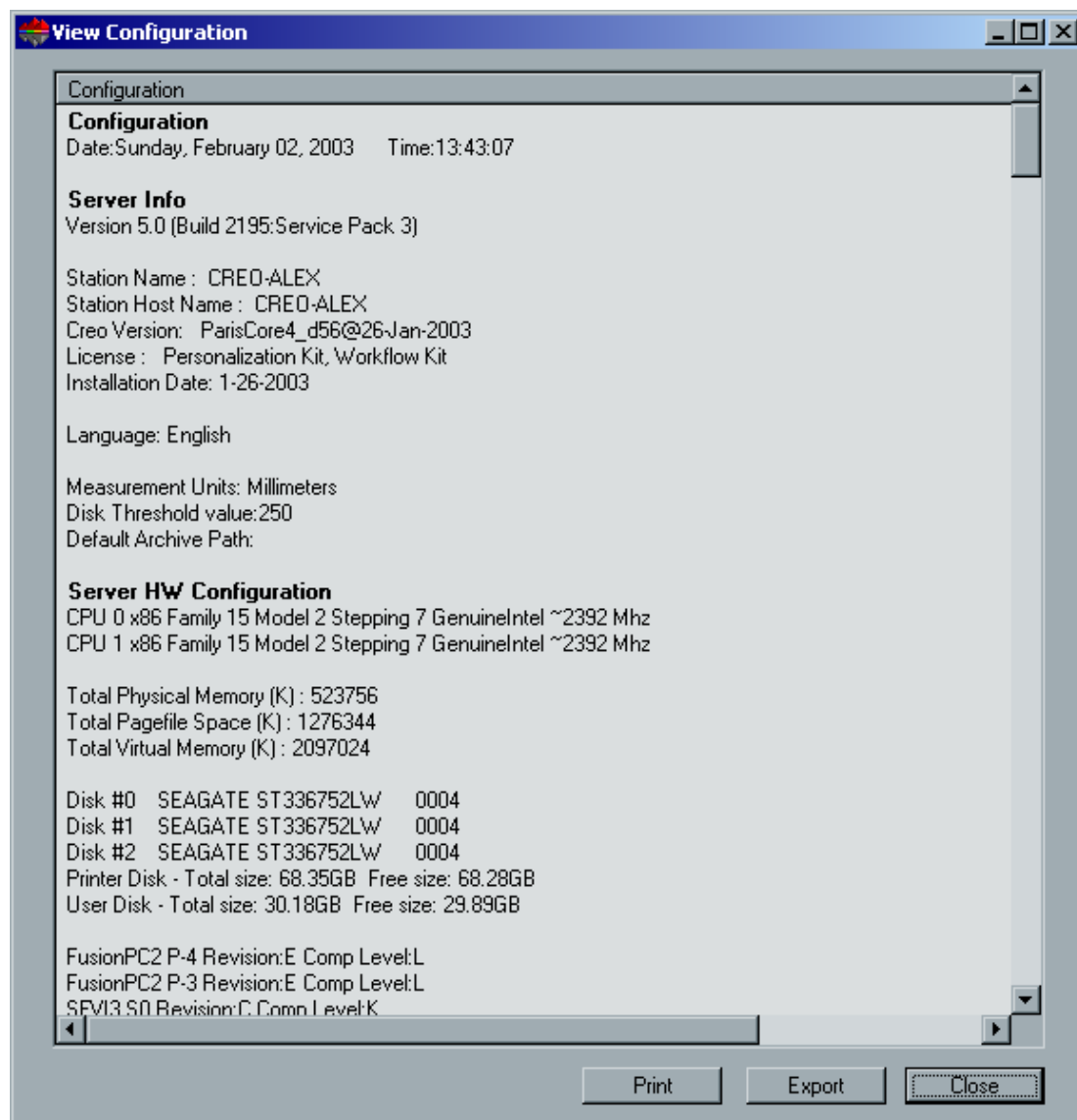


2. Select the required zone from the list and click **OK**.
3. Click **OK** also in the Local Area Connection Properties dialog box.
4. Click **Next**.

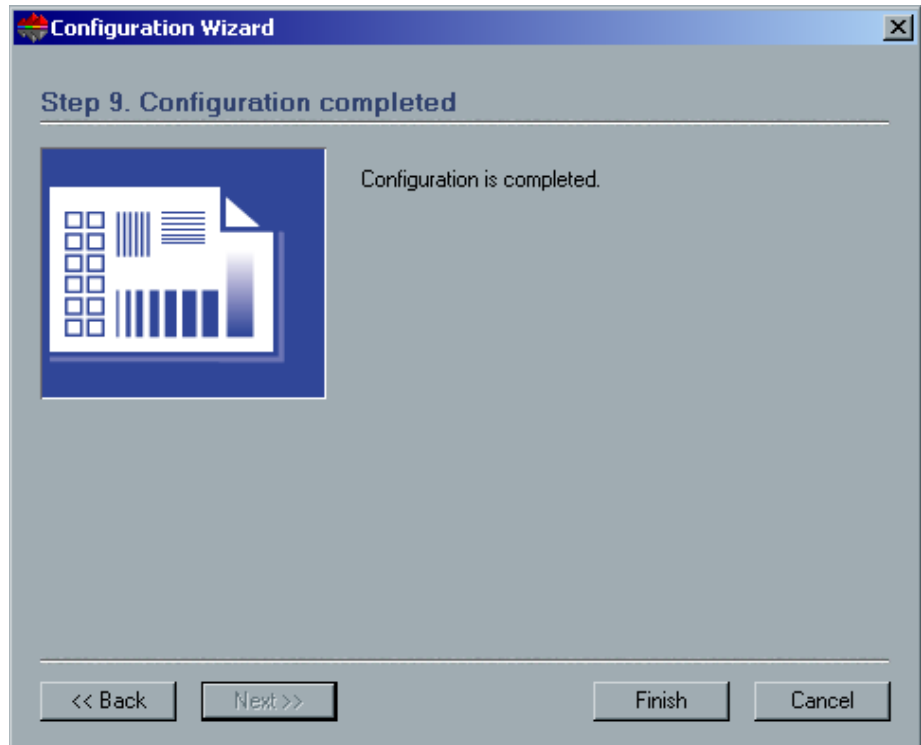
Completing the Configuration

To complete the configuration:

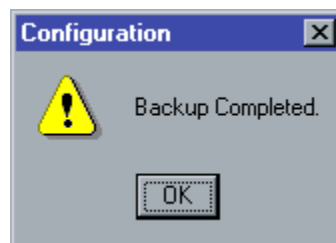
1. After the configuration is complete, the View Configuration window is displayed.



2. Click **Close**.
The following window appears.



3. Click **Finish** to complete the First-time setup.
When the backup is complete, the following message appears.



4. Click **OK**.
The CXP6000 Color Server workspace appears on your screen.

5. If you want to change the administrator name and password:
 - a. On the Windows desktop, right-click **My Computer** and select **Manage**.
 - b. Expand the Local Users and Groups tree, and select **Users**.
 - c. Select **Administrator**. Right-click and select **Properties**.
 - d. Type the Full name and click **OK**.
 - e. Select **Administrator**. Right-click and select **Password**.
 - f. Type and confirm the new password and click **OK**.
6. If you want to change the user password:
 - a. Press CTRL+ALT+DELETE.
 - b. In the Windows Security window, click **Change Password**.
 - c. Type the old and new password and confirm the new password.
 - d. Click **OK**.
7. If you have a Novell network running IPX protocol, proceed to *Installing and Configuring Novell Client for Spire* on page 133.

Installing and Configuring Novell Client for Spire

The following procedures are only relevant for those customers who have a Novell network running IPX protocol.



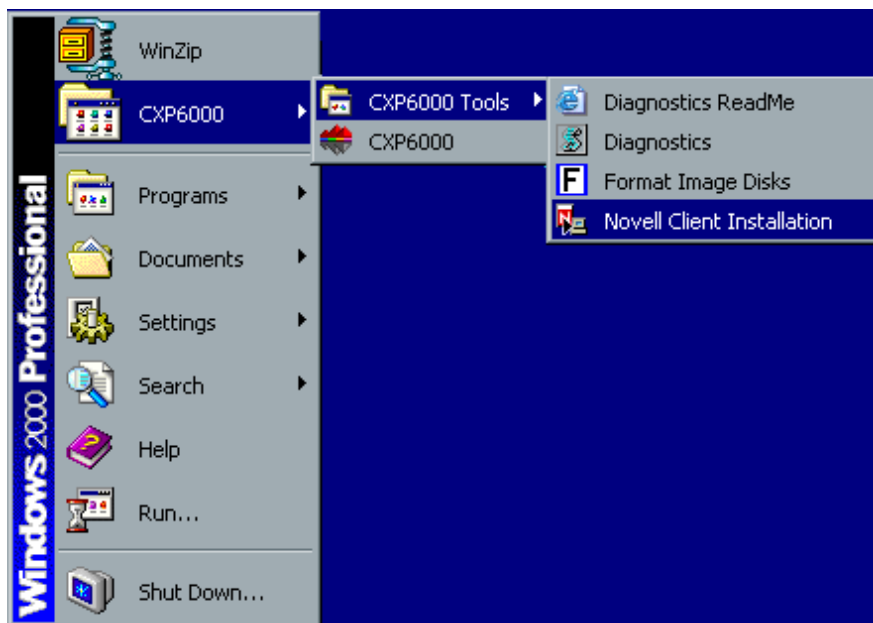
Note: Further information about configuring the connection between the CXP6000 Color Server and a Novell NDS server, in a Novell working environment, is provided in *Appendix A, Novell NDS - Setup and Configuration*.

Installing Novell Client for Spire

To install Novell Client for Spire:

1. Close the Spire workspace and the Spire application.
2. Close all other applications.

3. On the Windows Start, click **Start** and follow the path, **CXP6000>CXP6000 Tools>Novell Client Installation**.



The following window appears.



4. Click **Install**.

The following window appears.

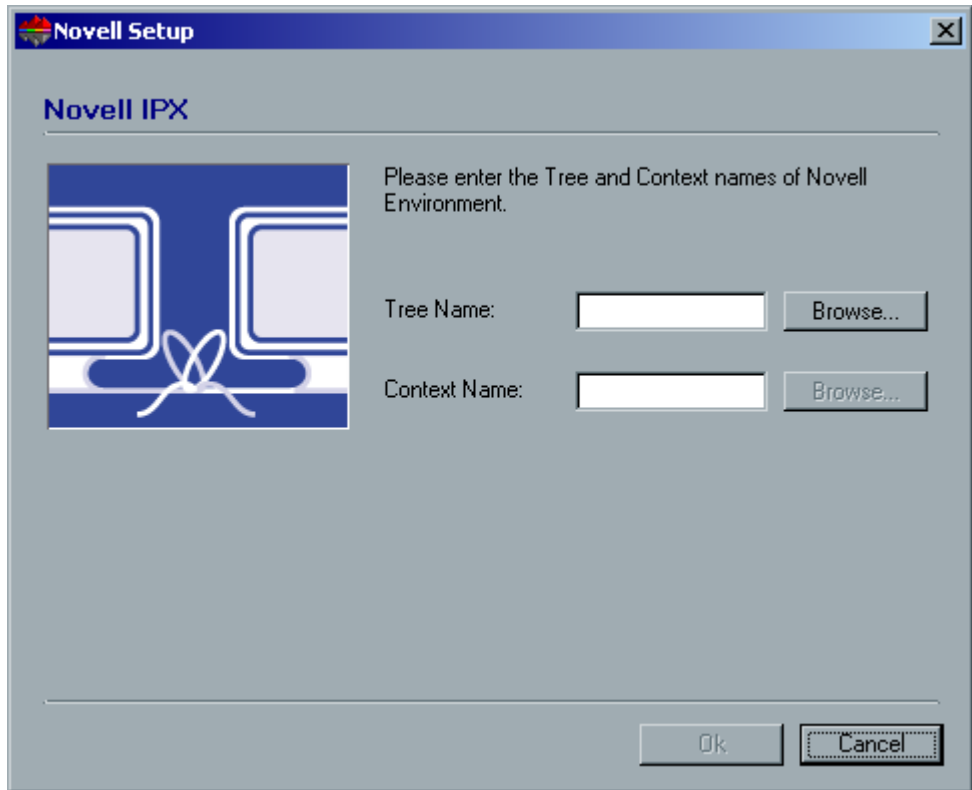


5. Click **Reboot**.
6. You have completed *Installing Novell Client for Spire*. Proceed to *Configuring Novell Client for Spire* on page 136.

Configuring Novell Client for Spire

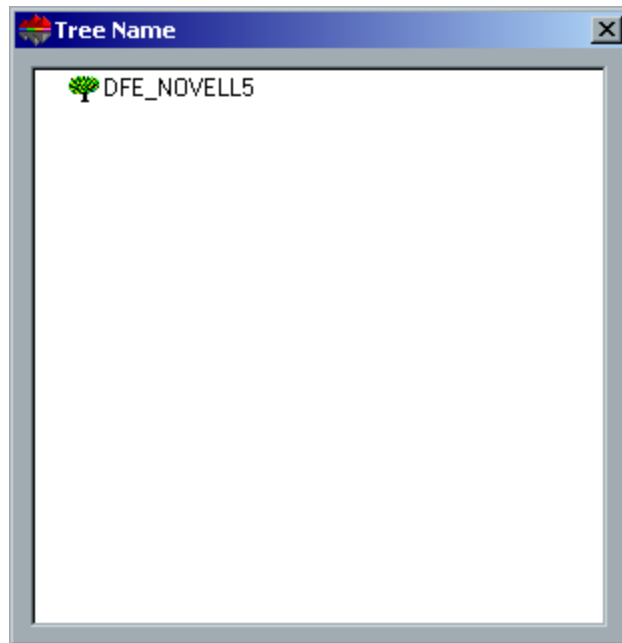
To configure Novell Client for Spire:

1. After the system reboots, the Novell Setup window appears.



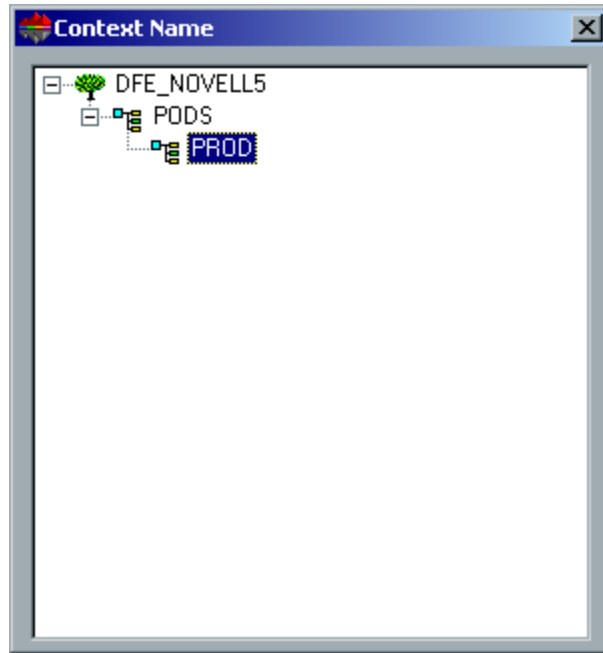
2. Type the **Tree Name**.
If you do not know the name, click **Browse**.

The following window appears.



3. Double-click the appropriate **Tree Name**.
The Tree Name appears in the Novell Setup window.
4. Type the **Context Name**.
If you do not know the name, click **Browse**.

The following window appears.



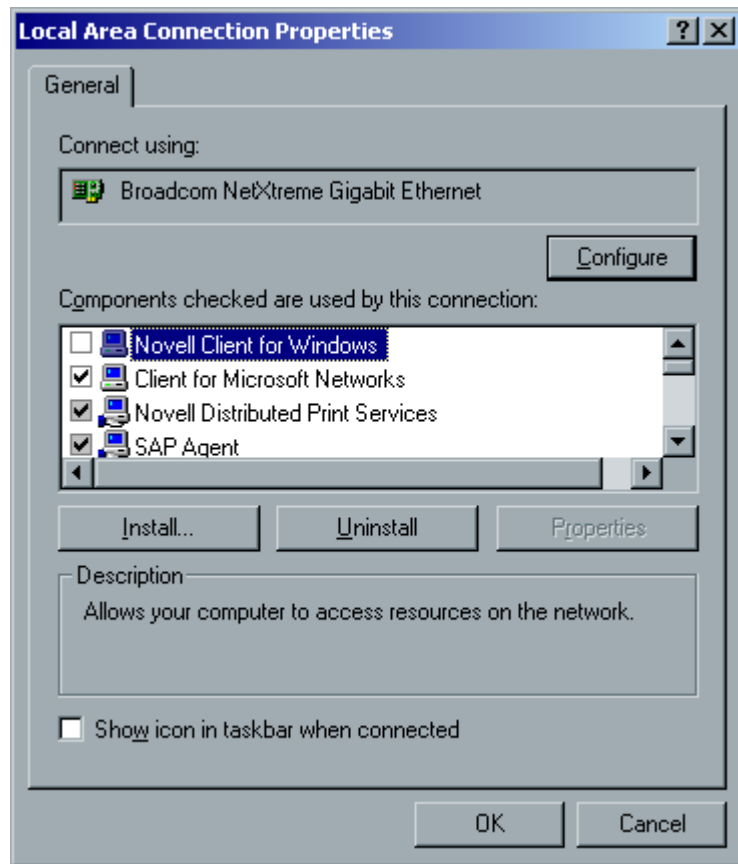
5. Double-click the appropriate **Context Name**.
The Context Name appears in the Novell Setup window.
6. Click **OK**.
The Spire workspace appears.

Uninstalling Novell Client for Spire

Uninstall Novell Client for Spire if you no longer operate a Novell network running IPX protocol.

To uninstall the Novell Client for Spire:

1. Close the Spire workspace and the Spire application.
2. Close all other applications.
3. Right-click **My Network Places** and select **Properties**.
4. Right-click **Local Area Connection** and select **Properties**.
The following window appears.



5. Clear the Novell for Client for Windows check box.
6. Make sure that **Novell for Client for Windows** is selected, and click the **Uninstall** button.
7. Click **Yes** twice.
The CXP6000 Color Server reboots.
You have completed *Uninstalling Novell Client for Spire*.

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3

Upgrading the Software

Software Upgrade.....	142
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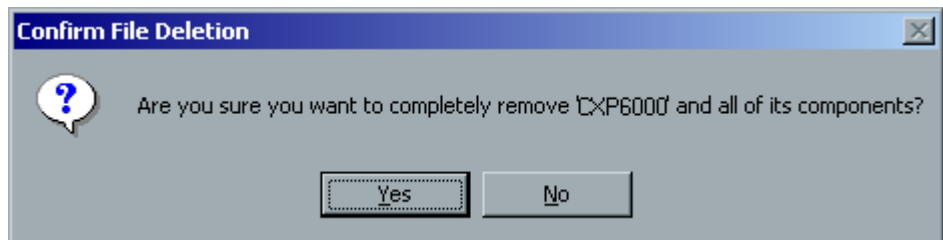
Software Upgrade



Note: This section does not reload the operating system, if you need to reload Windows 2000 Professional, see *Reinstalling the Operating System* on page 94 for details.

To update the software:

1. Before you begin upgrading the CXP6000 Color Server software you should backup your current configuration.
2. Exit the Creo Software Application from the **Job** menu select **Exit**, and then wait for the Creo icon to disappear from the windows task bar on the right hand side.
3. Before updating the system to a new version, removal of the current version is required. From the **Start** menu, select **Settings > Control Panel** and then double-click on the **Add/Remove Programs** icon.
4. Select the **CXP6000** icon and then click **Change/Remove** button. The following confirmation message appears.

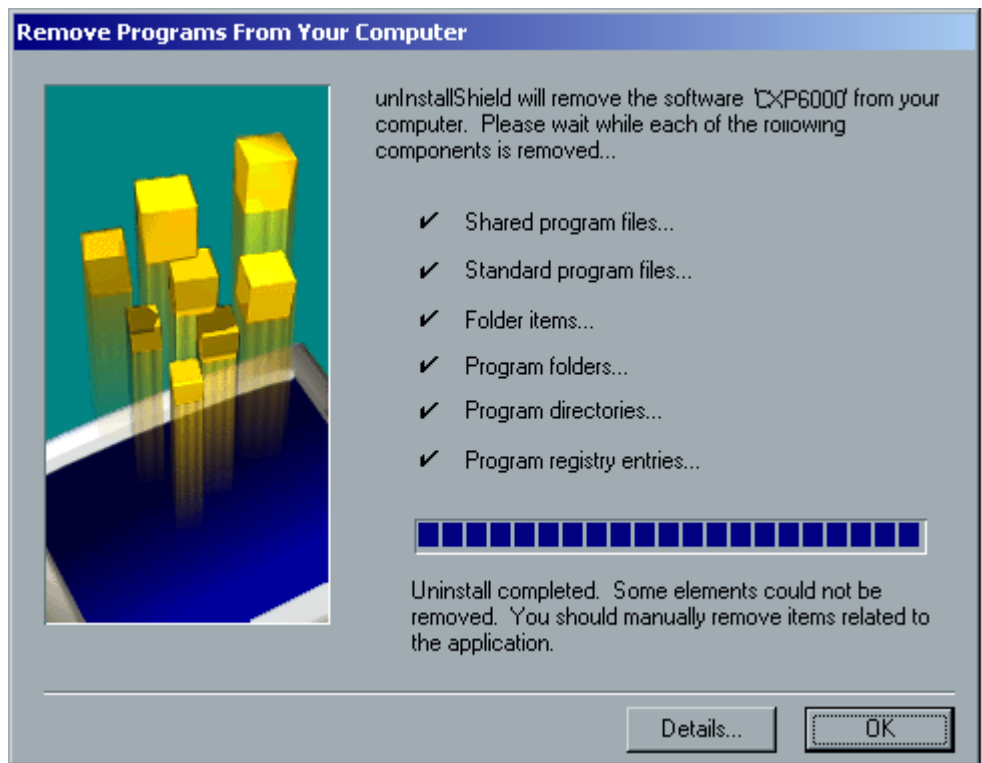


5. Click **Yes**.
The Uninstall Shield appears.



Note: When prompted to remove certain files select **Yes to all**.

At the end of the removal procedure, the following window appears.

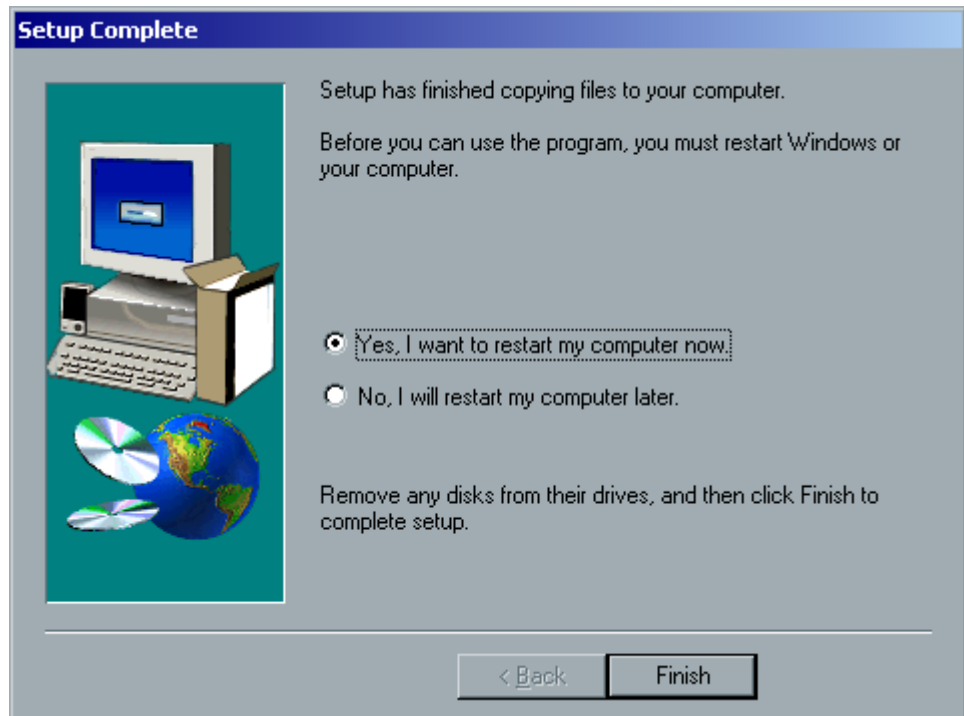


6. Click **OK**.
The following message appears.



7. Click **OK**.
8. Click **Close** to close the Add/Remove Programs window.
9. Close the Control Panel window.
10. From the **Start** menu, select **Shutdown > Restart**. Then, click **OK** to confirm your choice.

11. Once the CXP6000 Color Server has rebooted insert the CXP6000 Color Server Application Software CD#2.
12. Locate the **Setup.exe** file and double-click this file to run Setup. If a Services or driver fail message appears, click **OK**.
13. Click **Yes** to the accept the licence agreement.
14. Click **Yes** if any other messages appear.
15. When the setup is complete, click **Finish** to reboot the CXP6000 Color Server.



The Software upgrade is now complete.

4

DFE Monitor

General Information.....	146
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General Information

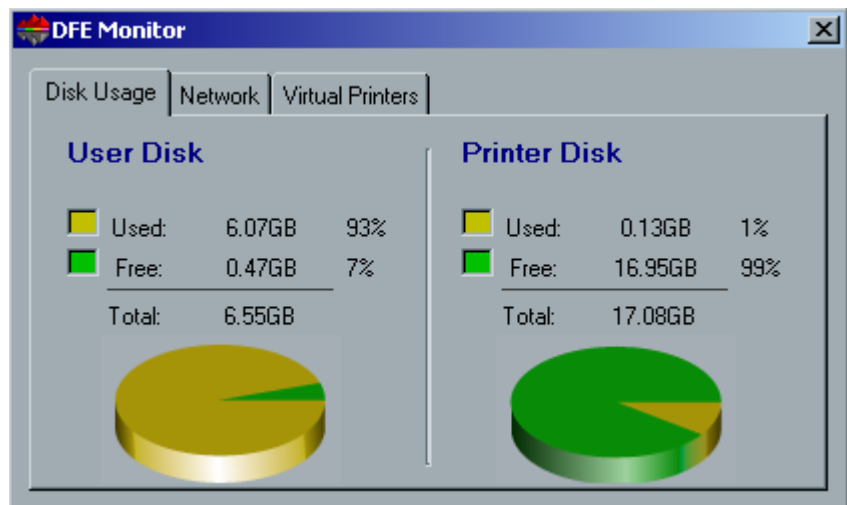
The DFE Monitor dialog box provides general information about the following:

- Disk usage
- Network setup
- Virtual printers

Access this view-only window by clicking on the **DFE Animation** on the CXP6000 Color Server workspace **Status** panel.

Disk Usage

In the **Disk Usage** tab, you can receive on-line visual statuses for disk capacity and disk usage.



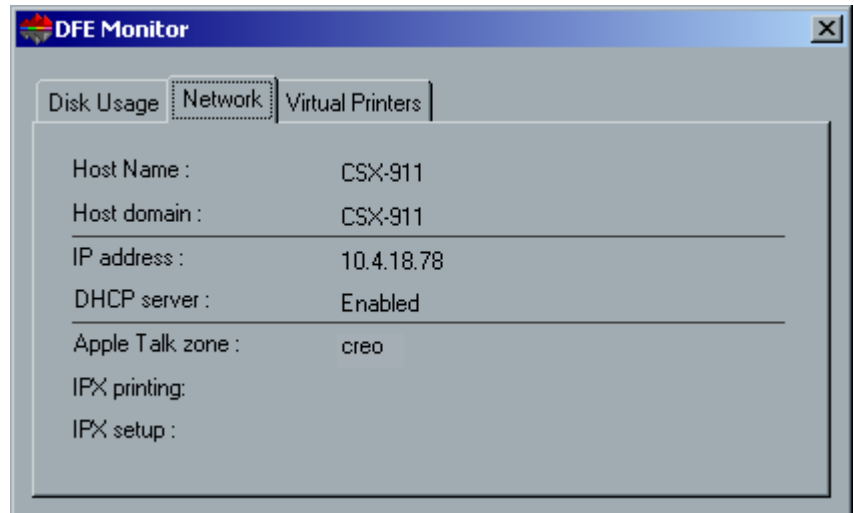
Disk usage displays the usage of both User and Image disks.

For each disk, the following data is displayed:

- Used disk space
- Free disk space
- Threshold level for each disk

Network

The **Network** tab enables to view the network details.

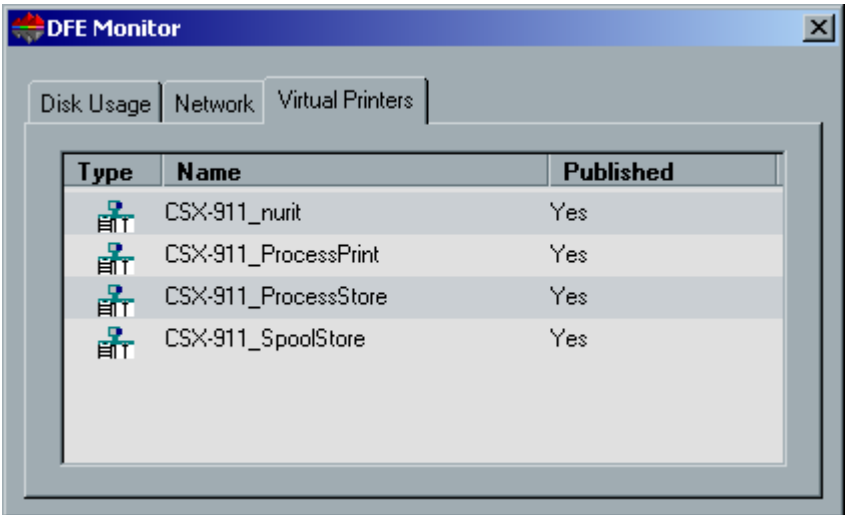






The following details are available:

- Host name and Domain
- IP address and whether DHCP server is enabled or not
- Apple Talk zone
- IPX Setup and Printing (tree and context)

Virtual Printers

The **Virtual Printers** tab enables to view the defined virtual printers and also indicates if these are published on the network.



Type	Name	Published
	CSX-911_nurit	Yes
	CSX-911_ProcessPrint	Yes
	CSX-911_ProcessStore	Yes
	CSX-911_SpoolStore	Yes

5

Adding an External SCSI Device

Adding an External Device	150
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Adding an External Device



Notes:
The added external device can be used for saving files but not for the Creo application itself.
It is preferable to remove the Creo application prior to the installation and then reinstall it after the installation is complete.

Connecting the External Device to the CXP6000 Color Server

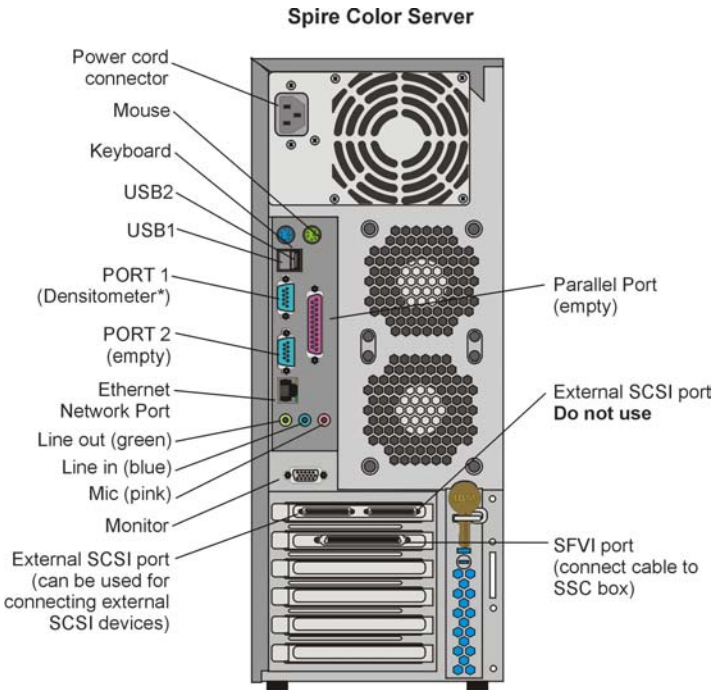
This section describes how to connect the cables from the external device to the CXP6000 Color Server.

To connect an external SCSI device:

- 1. Shut down the CXP6000 Color Server.
- 2. Connect the external SCSI cable to the external SCSI port on the left of the server (see the following figure).



Important: Do not use the external SCSI port on the right of the server.



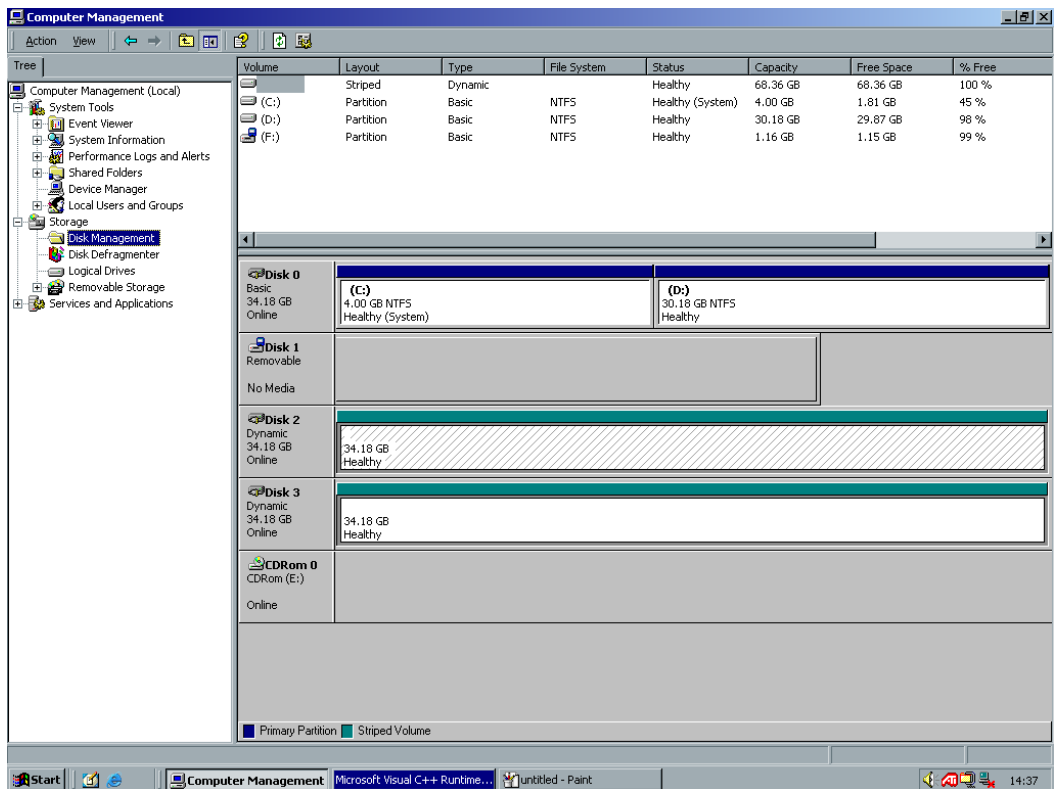
3. Verify that the device is defined as ID1 or higher.
4. Turn the external device's power on.

Initializing the External Device

This section describes how to initialize the external device.

To initialize the external device:

1. Turn the CXP6000 Color Server's power on and wait for the operating system to initialize.
2. On your Windows desktop, right-click **My Computer**, and from the menu select **Manage**.
The Computer Management window appears.
3. From the tree on the left pane, select **Disk Management**.
The disk space area appears in the Computer Management window.



The gray background in the disk space area, opposite Disk 3 Removable, indicates that the new external device is not located or not formatted.



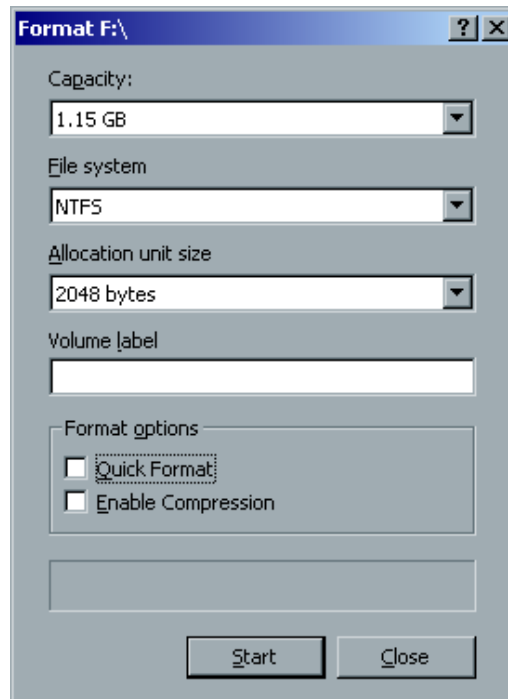
Note: If there is a blue background, similar to the disk space area opposite Disk 0 in the previous illustration, the device is located and formatted. Proceed to step 8 in *Formatting the External device* on page 152.

Formatting the External device

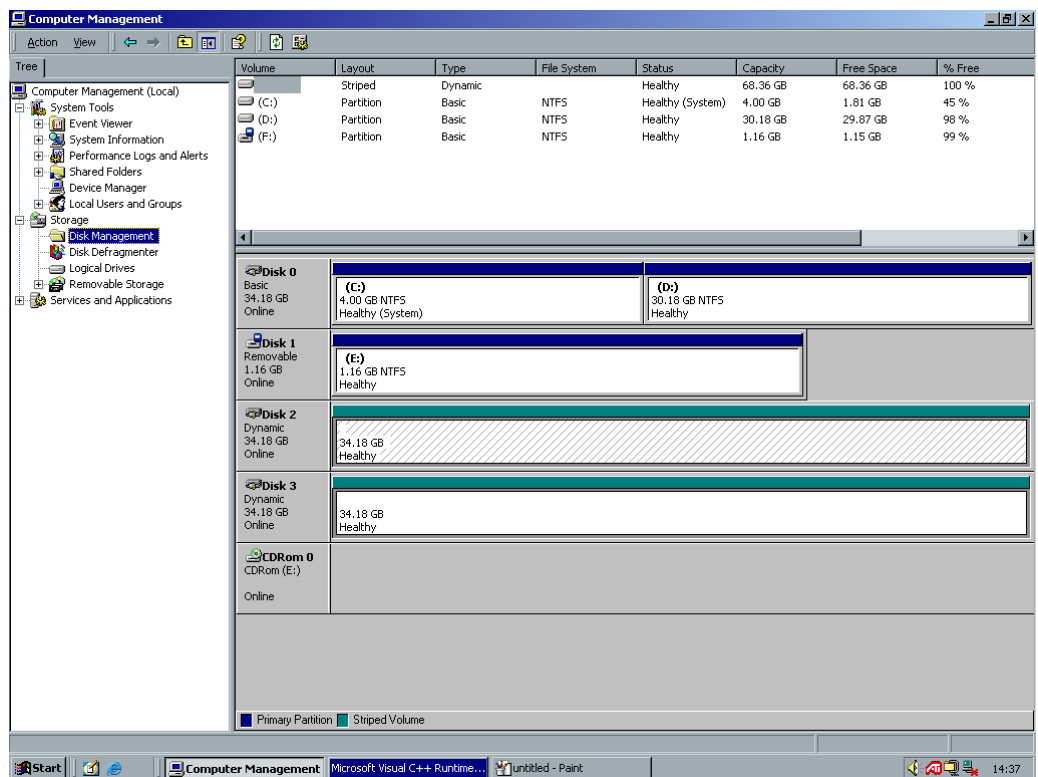
This section describes how to format the external device, if the CXP6000 Color Server has not located the device, or has identified that the device has not been formatted.

To format the external device:

1. On the Windows desk top, select **My Computer** and right-click **Removable Disk (F:)**.
2. From the menu select **Format**.
The Format F:\ window appears.



3. Select the Format options you require and click **Start**.
4. After the formatting is complete, click **OK**.
5. Click **Close**.
The Formatting Complete message appears.
6. Click **OK** and then click **Close**.
7. On your Windows desktop, right-click **My Computer**, and from the menu select **Manage**.
8. From the tree on the left pane, select **Disk Management**.
The following window appears.



In the previous window, the external SCSI device appears as Disk 3 Removable, with the drive letter (E:).



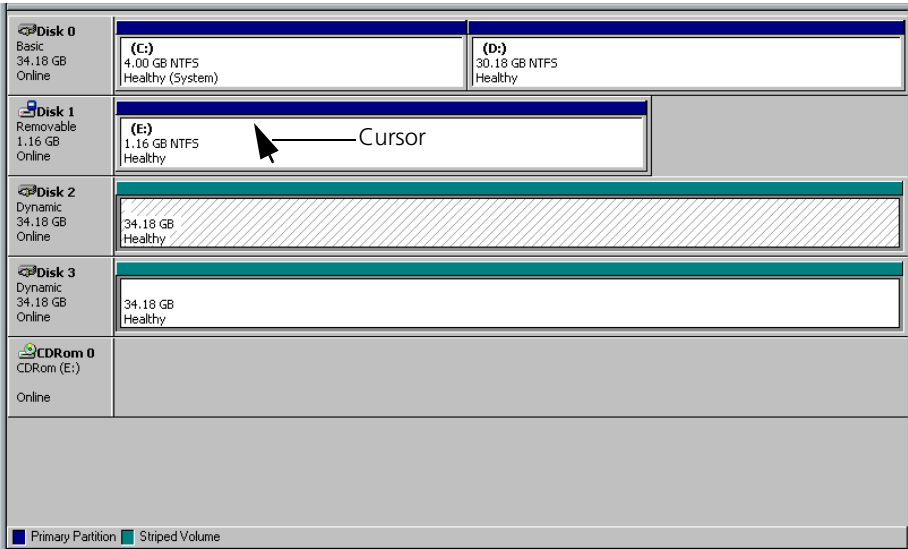
Note: Verify that the drive letter of the added Disk is other than C, D or E (these letters should be used for the System). If the drive letter is C, D or E, change the assigned drive letter. See *Changing the External Device Drive Letter* on page 154.

Changing the External Device Drive Letter

This section describes how to change the external device drive letter if the drive letter is incorrect.

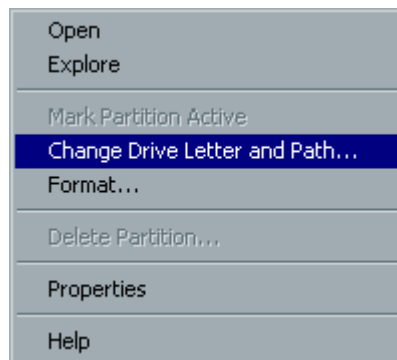
To change the external device drive letter:

1. In the Computer Management window, select **Disk Management**.
2. The Wrong Drive Letter message appears. Click **OK**.



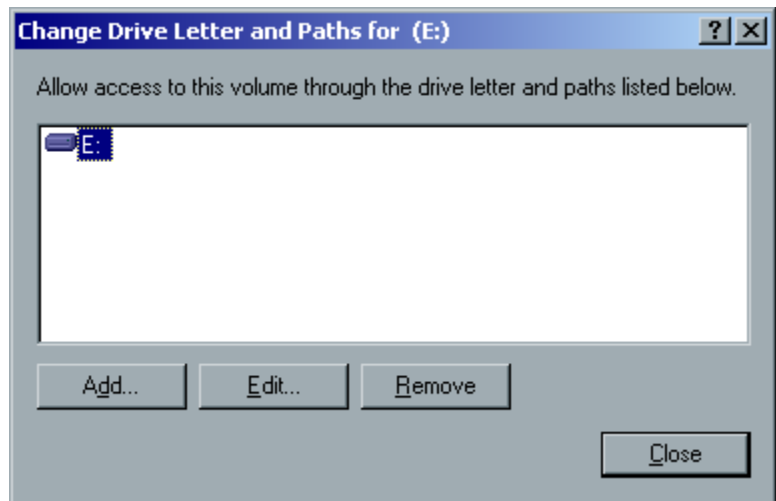
3. Position the cursor in the white area opposite **Disk 1 Removable** and right-click.

The following window appears.



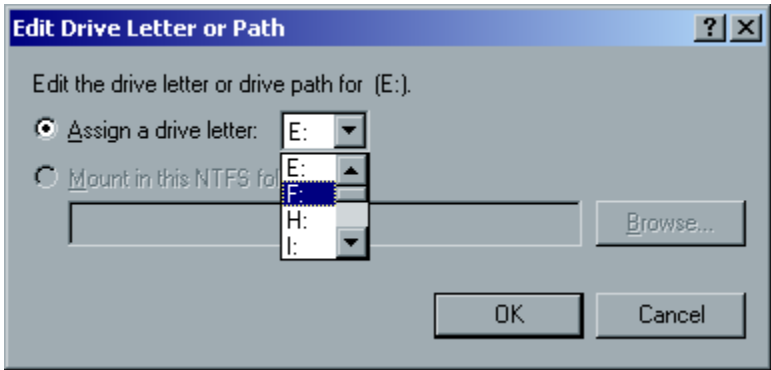
4. Select **Change Drive Letter and Path**.

The following window appears.

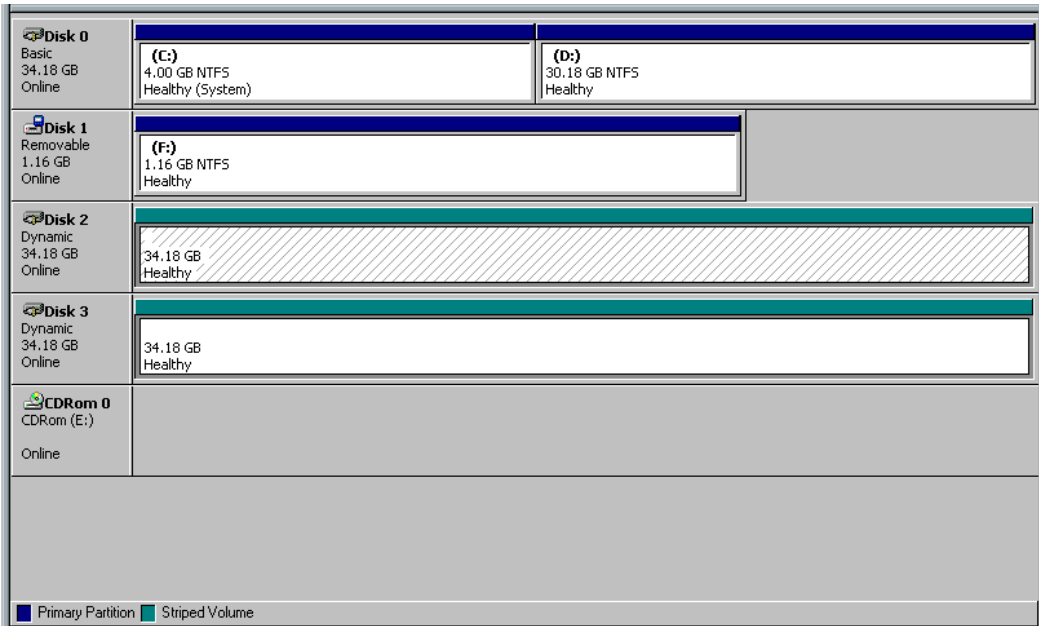


5. Click the **Edit** button.

The following window appears.



- 6. Assign a drive letter (not C, D, or E) and click **OK**.
 - 7. Click **Yes** to confirm the changed drive letter.
- The following window appears showing the changed drive letter.



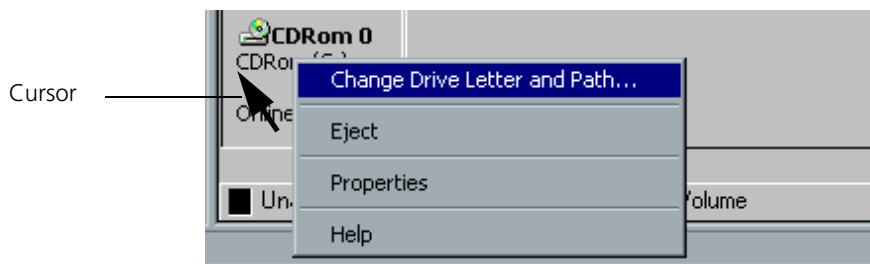
Changing the CD/DVD-ROM Drive Letter

This section describes how to initialize the external device as the CD/DVD-ROM drive letter is incorrect.

To change the CD/DVD-ROM drive letter:

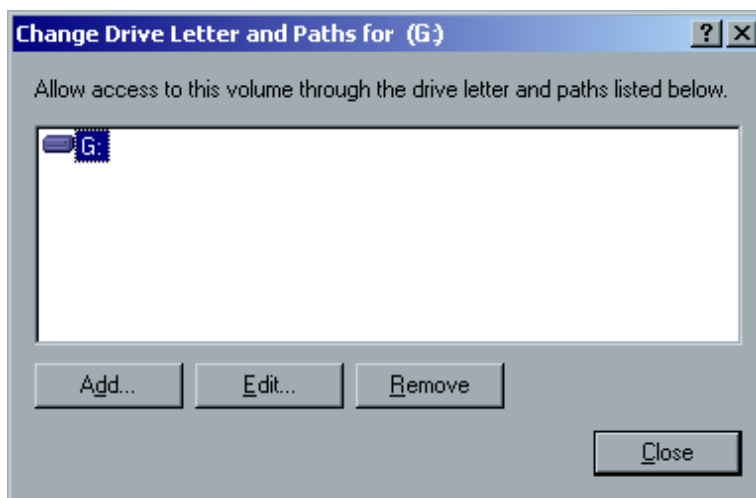
1. In the Computer Management window, position the cursor in the **CDRom (Letter)** area and right-click.

The following window appears.



2. Select **Change Drive Letter and Path**.

The following window appears.



3. Click the **Edit** button.
4. Assign a new drive letter, use **E** as the new drive letter.
5. Click **OK**.

6. Click **Yes** to confirm the change.
The CD-ROM drive letter changes.

You have completed all the procedures and are ready to use your external device.



Novell NDS - Setup and Configuration

Overview	160
Defining Novell NDS Printer Queues in the Novell NDS Tree	162
Configuring IPX Printing.....	180
Installing the Printer Drivers on a Novell Client Using the Adobe PS Application	181
Defining the CXP6000 Color Server as a Novell NDS Client	183

Overview

This appendix describes how to configure the connection between a Novell NDS (Novell Directory Services) Server and the CXP6000 Color Server, in a Novell working environment.



Important: The Novell client should also be installed in the CXP6000 Color Server since it is not installed by default.



For further information see *Installing and Configuring Novell Client for Spire* on page 133.

To configure this connection, the following procedures are preformed:



Note: All the following procedures should be performed on a Windows client running the Novell Client, and configured by the Novell Administrator to access the NWAdmin program.

1. Creating the Novell NDS Print Server "nwprintserver" in the Novell NDS.
2. Creating a Novell NDS Printer object in the Novell NDS.
3. Creating the Print Queues <hostname_ProcessPrint> and <hostname_ProcessStore> in the Novell NDS.



Note: Both <hostname_ProcessPrint> and <hostname_ProcessStore> queues should be defined even if you plan to use only one Printer queue. These print queues are the only supported Novell print queues.

4. Verifying the connection information.
5. Configuring the IPX Printing parameters: Tree and Context, using the CXP6000 Color Server Administration window (**Network Setup/IPX Printing**) in the CXP6000 Color Server.
6. Installing the Printer Drivers on a Novell Client.

To perform these procedures, you need:

- Administrative permissions assigned by the Novell Administrator.
- The User Name and Password for access to the Novell NDS Server.
- An account in the appropriate NDS Tree and Context with permissions to create objects.
- The full Context (location in the NDS Tree) where you will be creating the Print Server, Printer and Print Queues.
- Background and know-how of Novell NDS Server.

Defining Novell NDS Printer Queues in the Novell NDS Tree

Using the Novell NetWare Administrator Application

Perform the following procedures to create the Print Server, Printer and Print Queues, using the NWAdmin application:

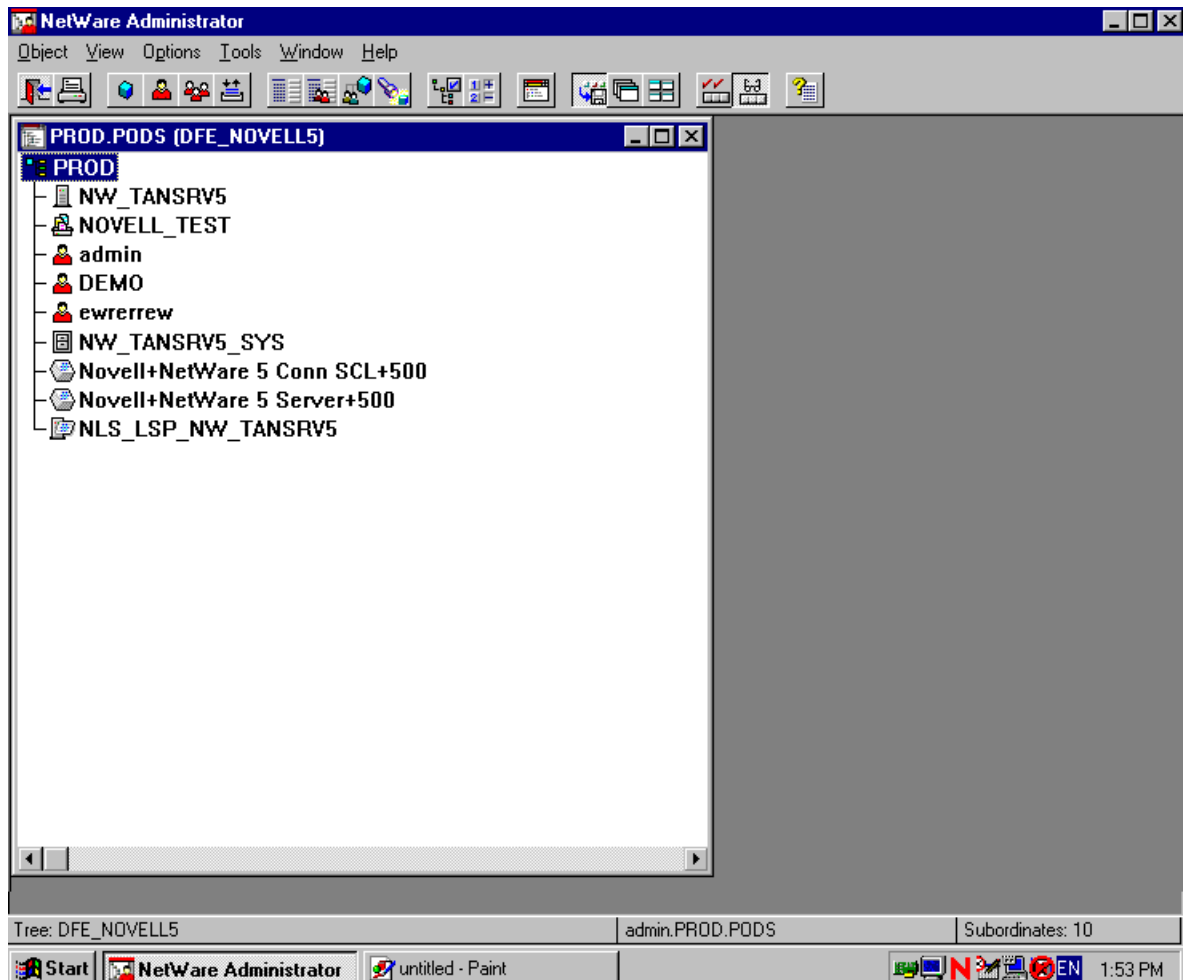
1. Define the Novell NDS Print Server, Printer and Print Queue in the Novell NDS Tree.
2. Assign the Printer to the Print Server and the Print Queues to the Printer.
3. Check the Print Layout to verify the connections and perform a test print.



Important: The detailed procedures follow. Perform these procedures in the specified order.

To open the Netware Administrator Application:

- Open the Netware Administrator Application (provided by your Novell Administrator).
The NetWare Administrator window appears displaying the Novell NDS window. The following example shows the existing Trees, Queues and other Novell connections.

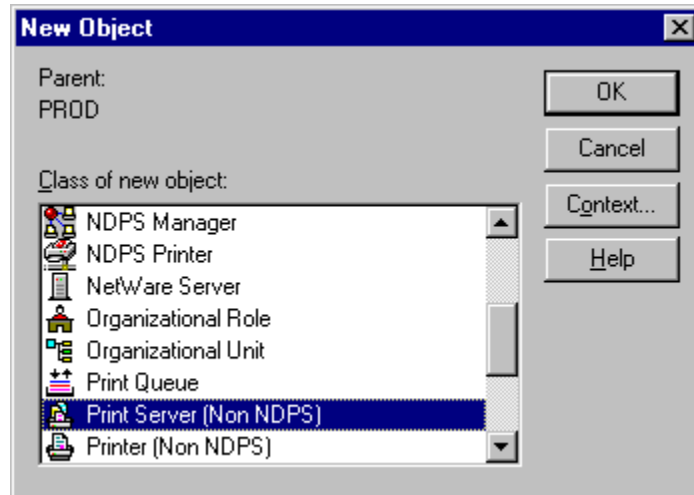


To define a Novell NDS Print Server:



Note: Before performing the following procedure, check the Novell Server window and if the **nwprintserver** already exists, proceed to the next procedure *To define a Novell NDS printer:* on page 166.

1. From the Novell NDS window, select the required Context.
2. From the **Object** menu, select **Create**.
The New Object dialog box appears.

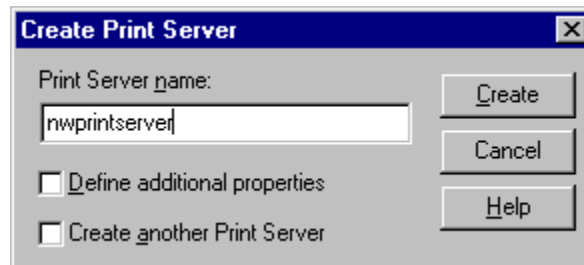


3. From the **Class of new object** list, select **Print Server**.



Note: In Novell v5.0 NDS, the words “Non NDPS” also appear.

4. Click **OK**.
The Create Print Server dialog box appears.



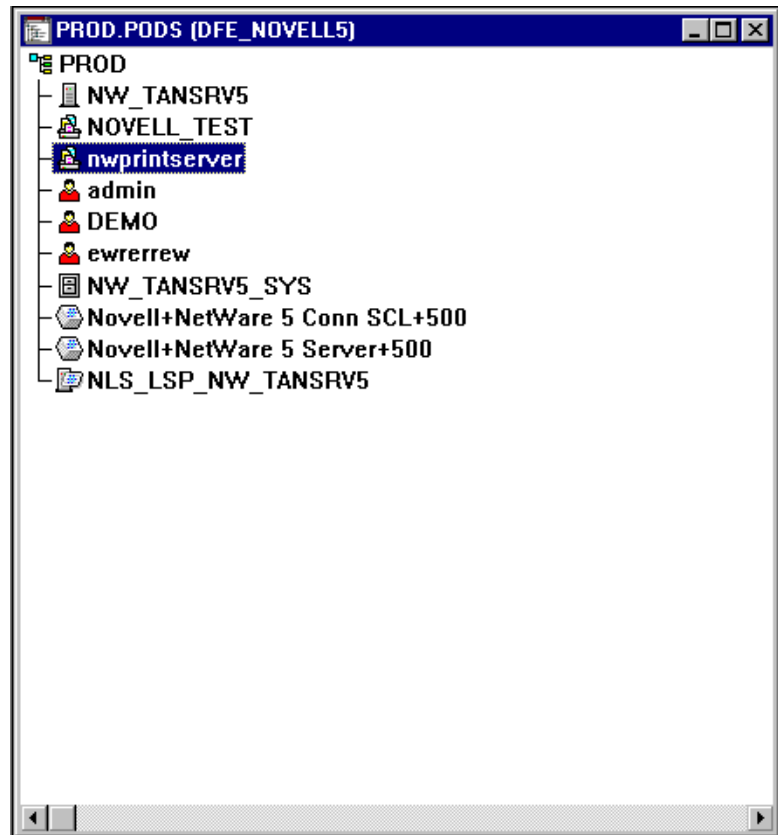
5. In the **Print Server name** box, type nwprintserver.

**Notes:**

It is important to use only this server name, in lower case.

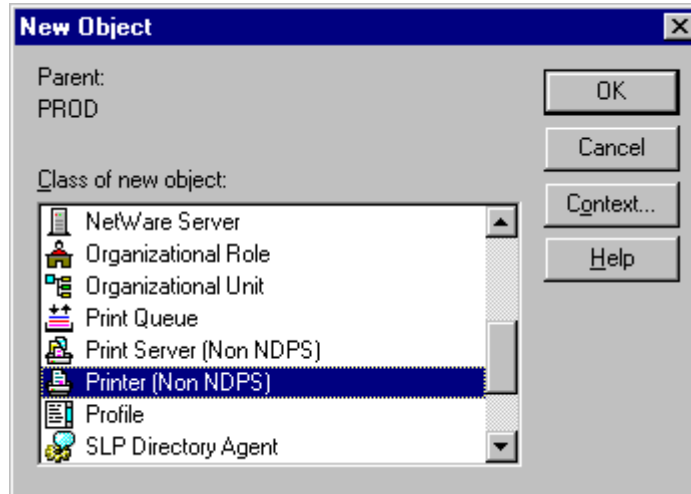
In any case, do not define a password for the Print Server.

6. Click the **Create** button.
The Novell NDS nwprintserver printer is created and appears in the Novell NDS window.



To define a Novell NDS printer:

1. From the **Object** menu, select **Create**.
The New Object dialog box appears.

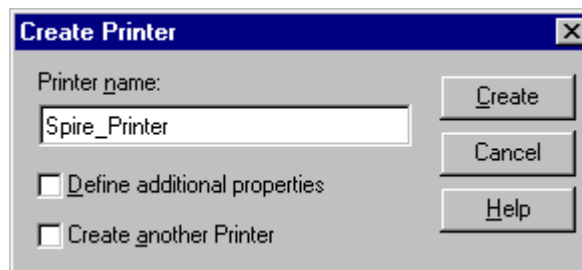


2. From the **Class of new object** list, select **Printer**.

Note: In Novell v5.0 NDS, the words "Non NDPS" also appear.



3. Click **OK**.
The Create Printer dialog box appears.



4. In the **Printer name** box, type any printer name, for example **Spire_Printer**.
5. Click the **Create** button.
The printer name is added to the Novell NDS window.

To define the Novell NDS Print Queues:



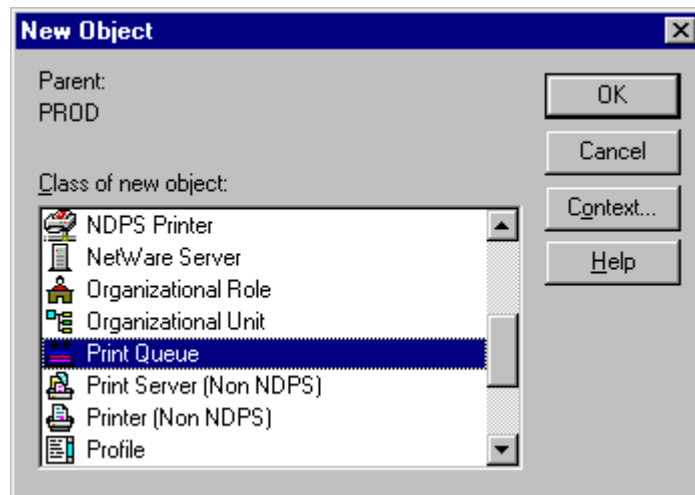
Notes:

Both <hostname_ProcessPrint> and <hostname_ProcessStore> queues should be defined. Only these print queues are supported.

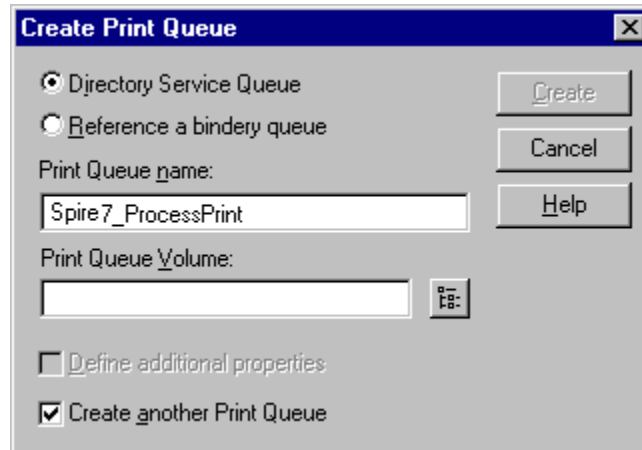
Prior to performing this procedure, verify that in the CXP6000 Color Server, both network printers <hostname_ProcessPrint> and <hostname_ProcessStore> are present.

Both Virtual printers <hostname_ProcessPrint> and <hostname_ProcessStore> should not be deleted from the CXP6000 Color Server.

1. From the **Object** menu, select **Create**.
The New Object dialog box appears.



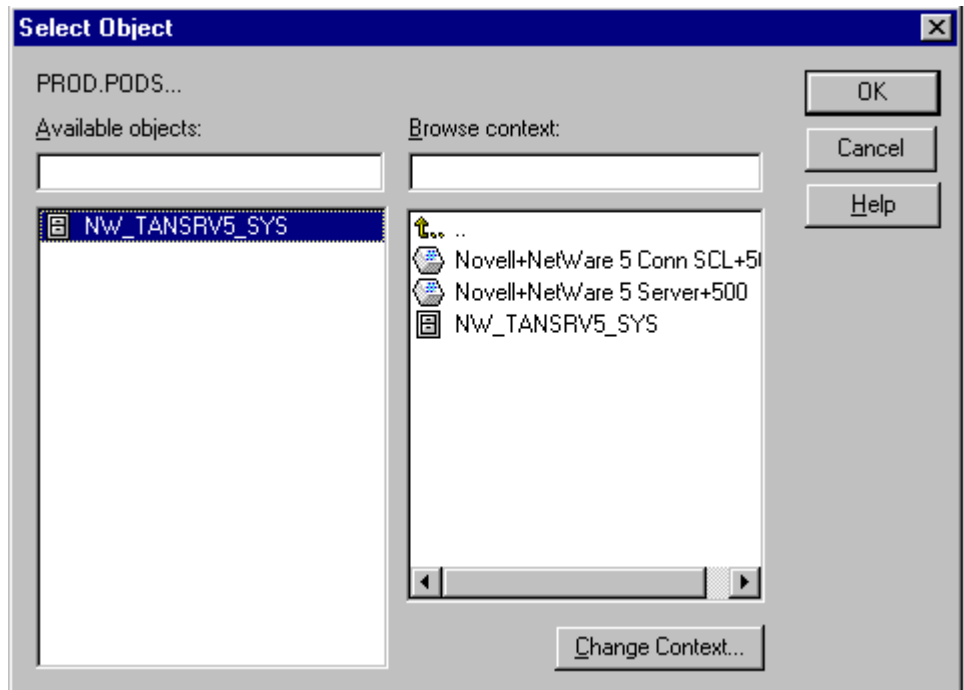
2. From The **Class Of New Object** List, select **Print Queue**.
3. Click **OK**.
The Create Print Queue dialog box appears.



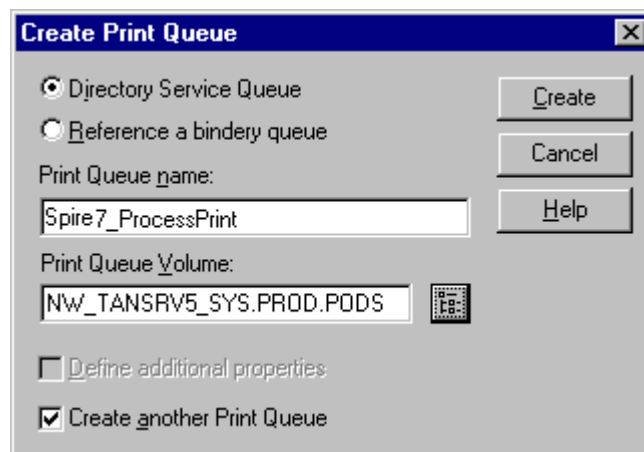
4. Verify that **Directory Service Queue** is selected.
5. In the **Print Queue name** box, type the exact (case sensitive) Virtual Printer name: <hostname_ProcessPrint>.
For example: **Spire7_ProcessPrint**.
6. Select the **Create another Print Queue** check-box.



7. Click the **Print Queue Volume** icon.
The Select Object dialog box appears.



8. Select any existing volume.
9. Click **OK**.
The Print Queue volume name appears in the **Print Queue Volume** box, in the Create Print Queue dialog box.



10. In the Create Print Queue dialog box, click the **Create** button.
The Print Queue is now added to the Novell NDS window along with the nwprintserver and the Printer name (Spire_Printer).

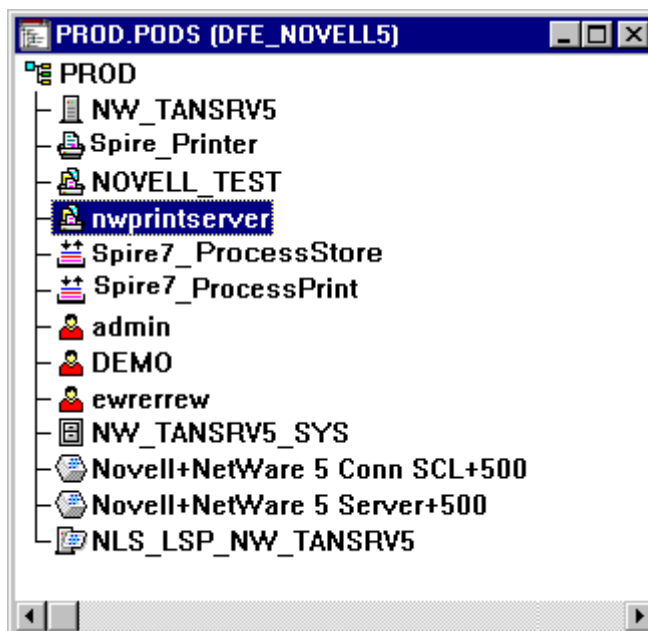


Note: Notice that the Create Print Queue dialog box re-appears for the second Print Queue to be defined.

11. In the Create Print Queue dialog box, verify that **Directory Service queue** is selected.
12. Clear the **Create another Print Queue** check-box.
13. In the **Print Queue name** box, type the exact (case sensitive) second Virtual Printer name: <hostname_ProcessStore>.
For example: **Spire7_ProcessStore**.
14. Click the **Print Queue Volume** icon.
The Select Object dialog box appears.
15. Select any existing volume.
16. Click **OK**.
The Print Queue volume name appears in the **Print Queue Volume** box, in the Create Print Queue dialog box.

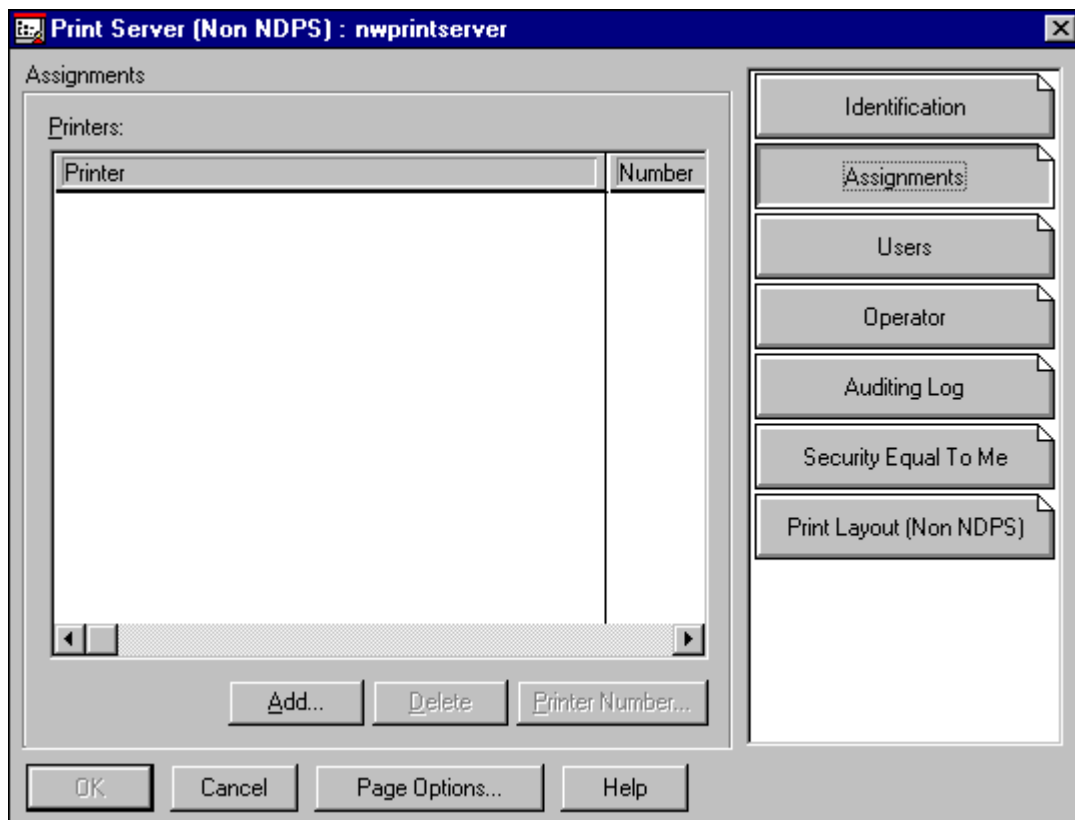
17. Click the **Create** button.

Both queues appear now in the Novell NDS window.

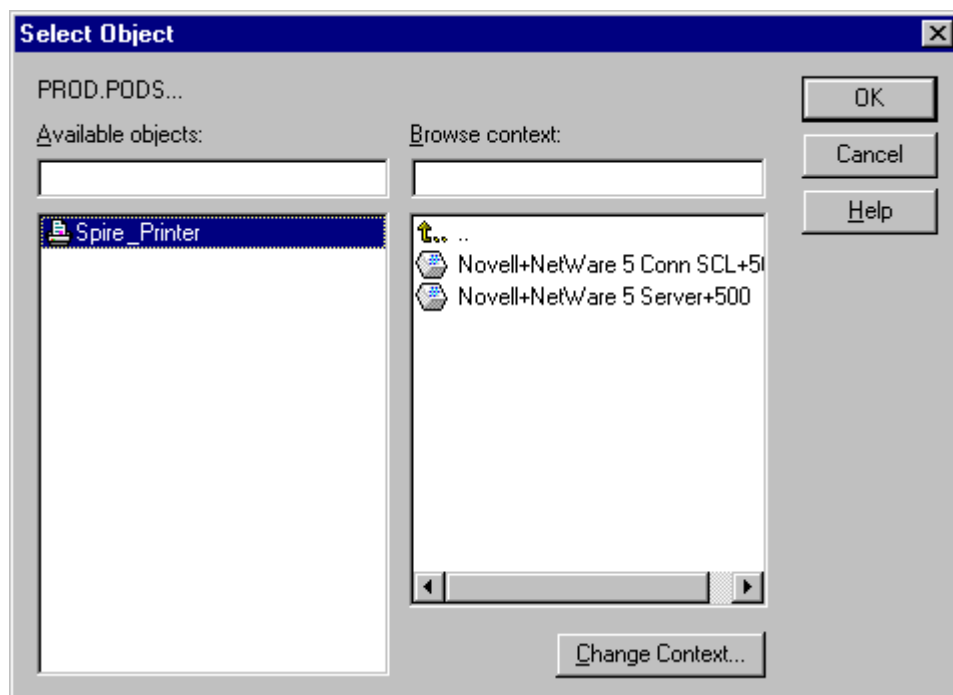


To assign a Printer name to nwprintserver Print Server:

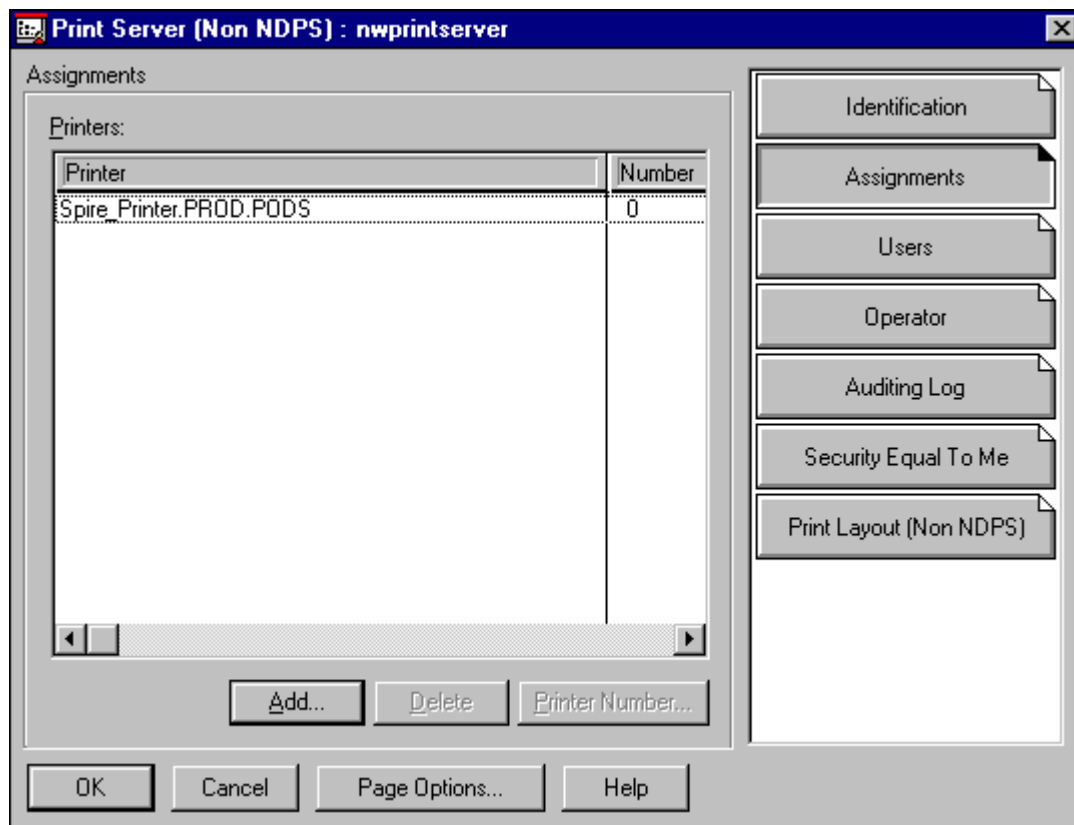
1. In the Novell NDS window, double-click **nwprintserver**.
The Print Server dialog box appears.
2. Click the **Assignments** button to open the **Assignments** tab.



3. Click the **Add** button.
The Select Object dialog box appears.



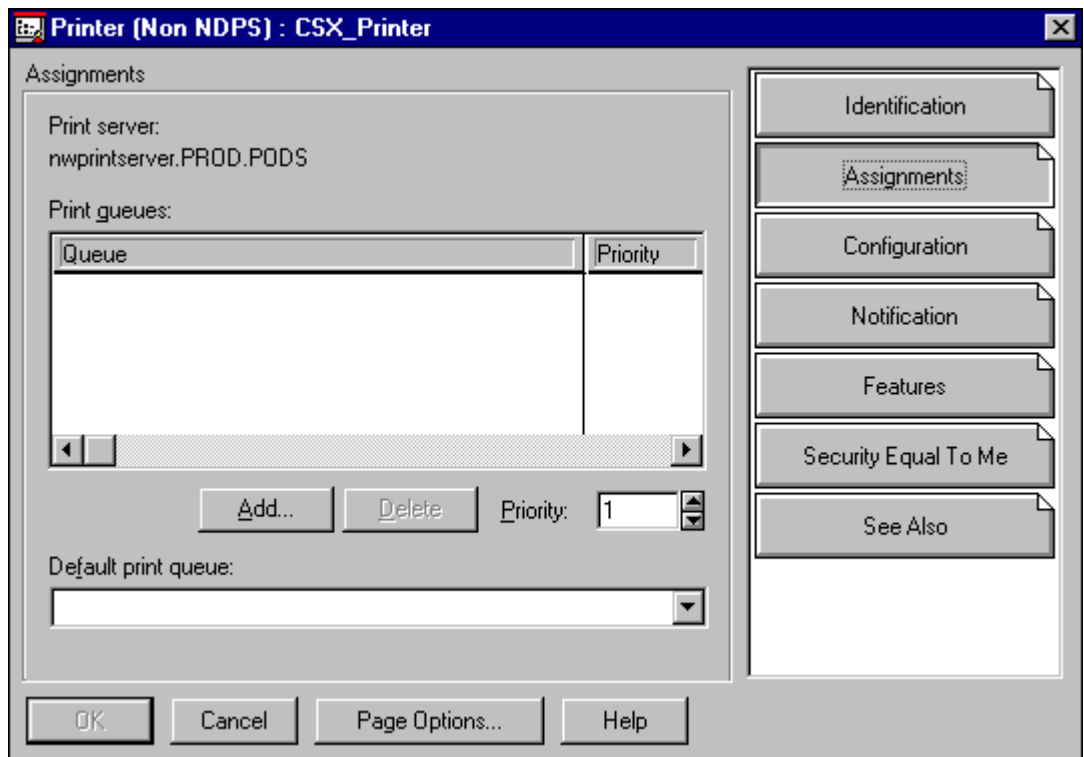
4. From the printers, select the printer name you have defined (Spire_Printer in our example), and click **OK**.
The printer appears in the **Printers** list in the **Print Server** dialog box.



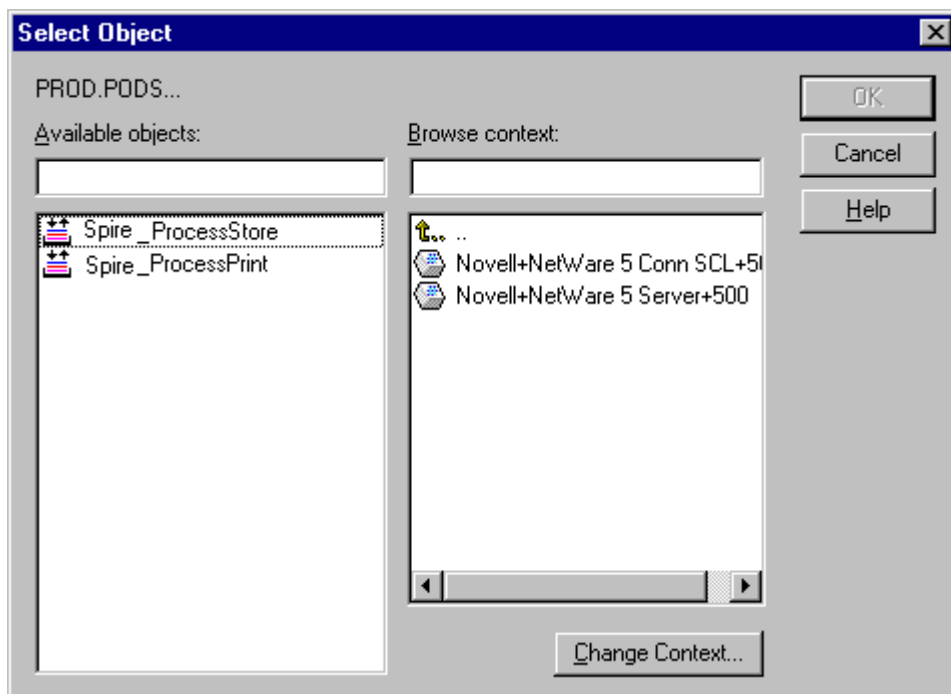
5. Click **OK**.

To assign a Print Queue to the Printer:

1. In the Novell NDS window, double-click the Printer name you have defined (in our example Spire_Printer).
The Printer dialog box appears.
2. Click the **Assignments** button to open the **Assignments** tab.

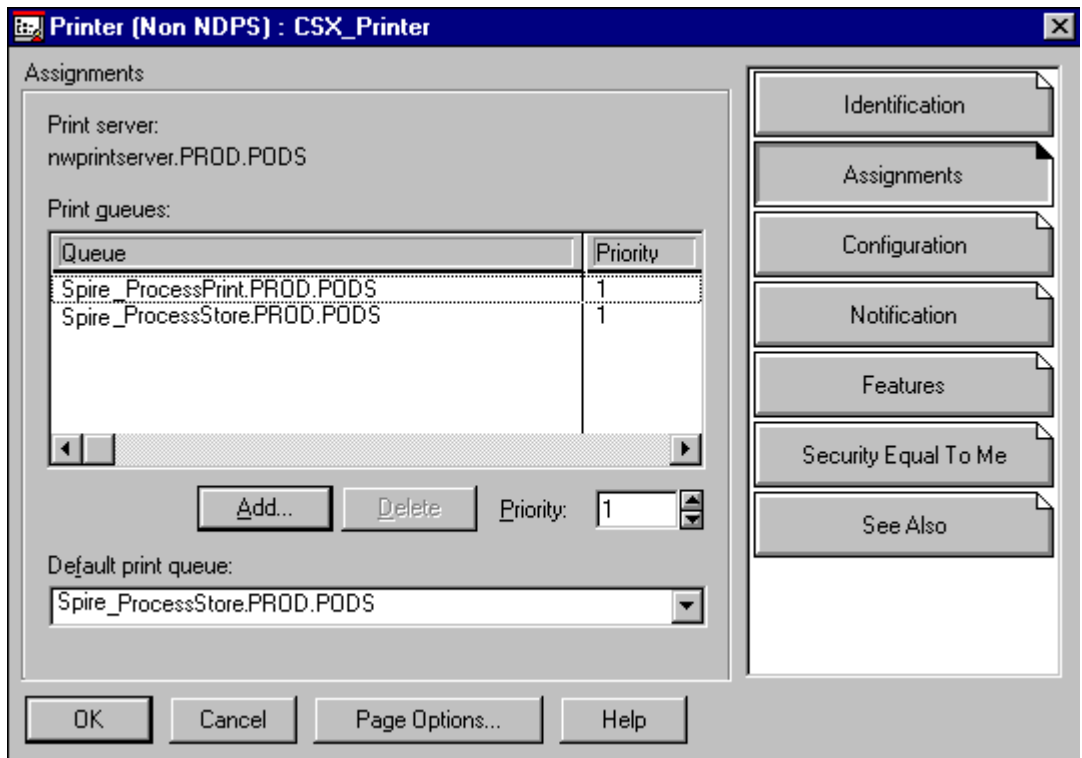


3. Click the **Add** button.
The Select Object dialog box appears.



4. Select the Queue name <hostname_ProcessStore> you have defined, and click **OK**.

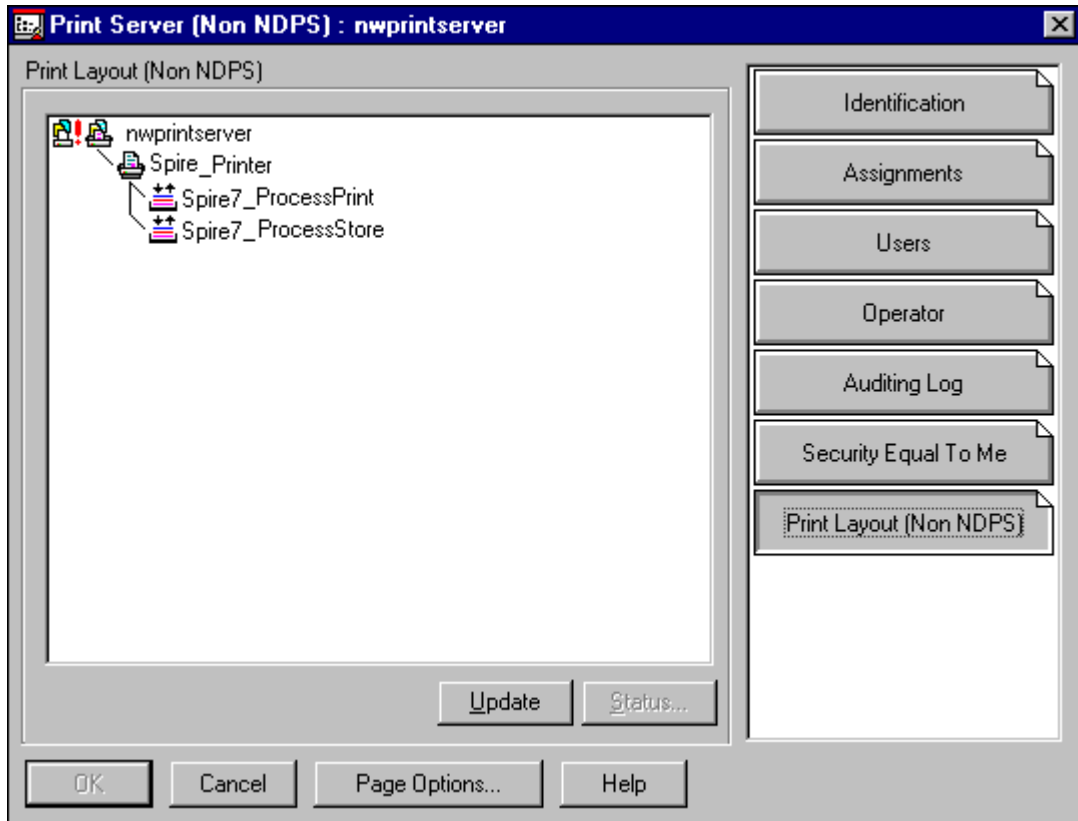
5. Click the **Add** button and select <hostname_ProcessPrint>. Both printer queues now appear in the **Print queues** list in the Printer dialog box.



6. Click **OK**.

To verify the new Novell NDS layout:

1. In the Novell NDS window, double-click **nwprintserver**.
The Print Server dialog box appears.
2. Select the **Print Layout** tab.



3. Verify that the **nwprintserver** server, the printer and queues are displayed as shown in the above example.
4. Click the **Cancel** button.

Using the Novell NDS PConsole

The CXP6000 Color Server Virtual Printers can be defined as Novell NDS Printer Queues at the Novell NDS Server, using the Novell NDS PConsole. This procedure includes the following stages:

To use the Novell NDS PConsole:

1. In the CXP6000 Color Server, verify that the two Virtual printers <hostname_ProcessPrint> and <hostname_ProcessStore> are present.
2. In the Novell NDS PConsole:

- ☐ Create the Novell NDS Print Server "nwprintserver".

Notes:

It is important to use only this server name, in lower case.

In any case, do not define a password for the Print Server.

- ☐ Create the Novell NDS Printer object.
 - ☐ Create the Novell NDS Print Queues <hostname_ProcessPrint> and <hostname_ProcessStore>.
3. In the CXP6000 Color Server:
 - ☐ Configure the IPX Printing parameters: Tree and Context (the exact tree name and the full context path name) using the CXP6000 Color Server Admin tool (**General SetUp/IPX Printing**).
 - ☐ Restart the CXP6000 Color Server Application.
 4. Install the Novell Printer Queue on the Novell Client.



Configuring IPX Printing

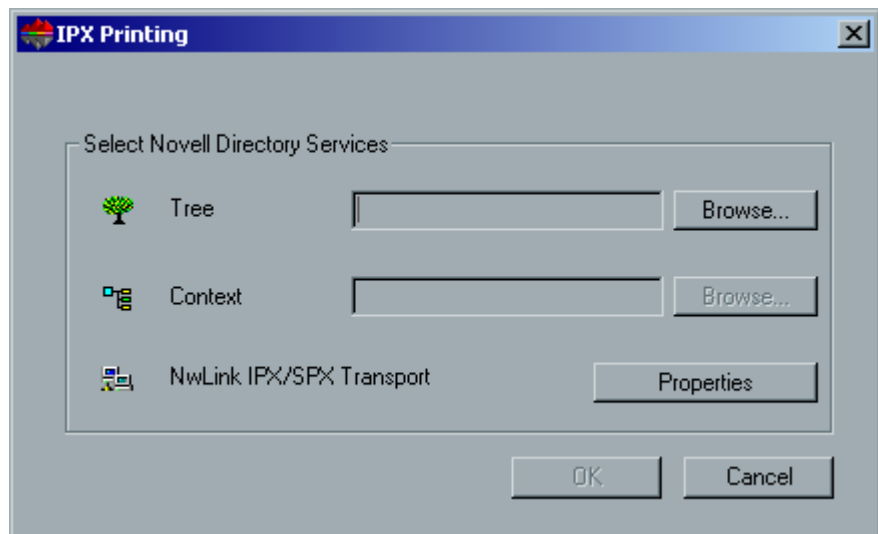


Note: If the context and tree were defined during the Novell configuration process, these do not need to be defined again.

To setup the CXP6000 Color Server IPX parameter:



1. In the CXP6000 Color Server workspace, click the **Admin** button. The Administration window appears.
2. Double click **Network Setup** to expand the folder.
3. Double click **IPX Printing**. The IPX Printing dialog box appears.

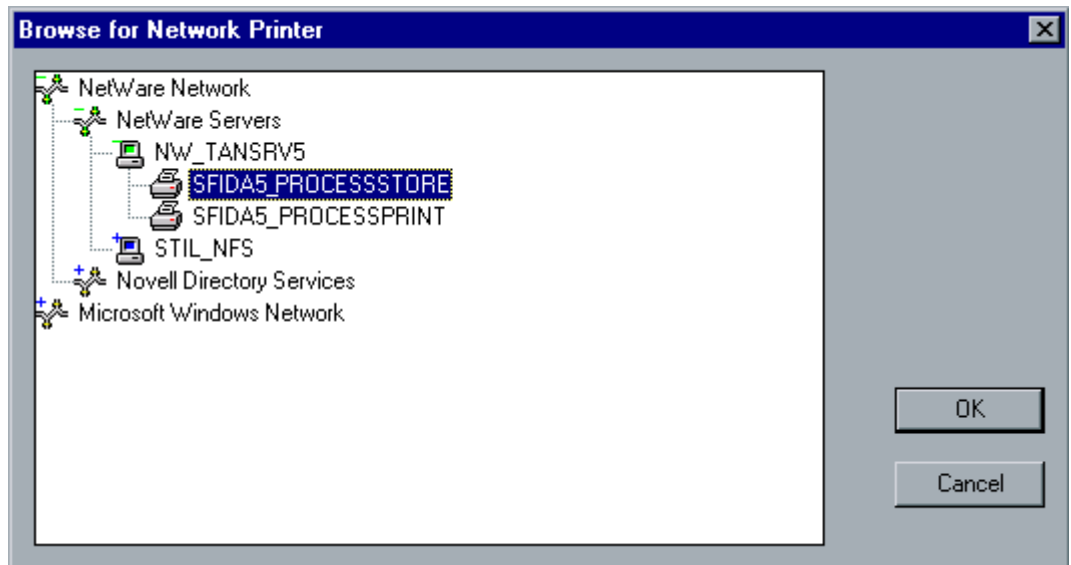


4. Type the exact **Tree** parameter and the full containers path of the **Context** parameter, in their respective boxes. You may also click the **Browse** button and browse to the required **Tree** and **Path**.
5. Click **OK**.
6. Restart the CXP6000 Color Server Software Application.

Installing the Printer Drivers on a Novell Client Using the Adobe PS Application

To install the printer drivers on a Novell Client:

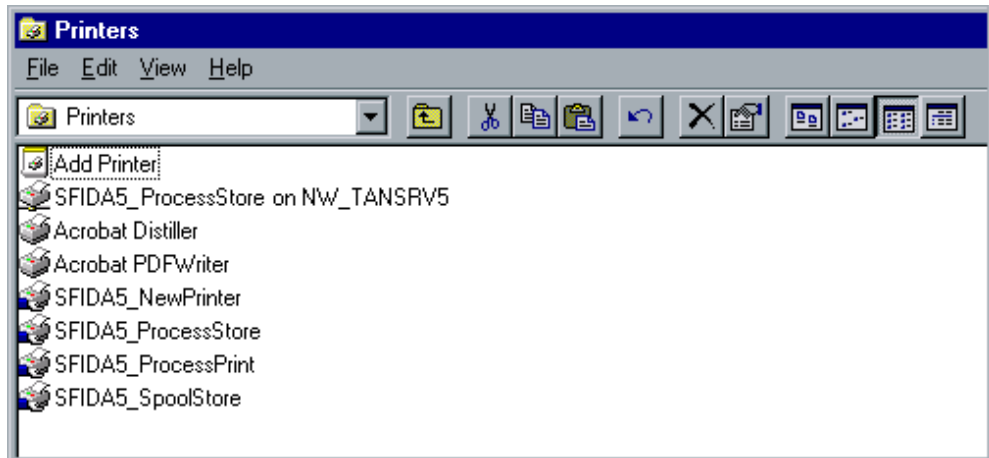
1. Use the Adobe PS Application with the CXP6000 Color Server PPD (provided in the CXP6000 Color Server, **Utility** folder).
2. In the Adobe PS Wizard, verify that you have selected the Novell Printer Queue from the NetWare Network, and not the CXP6000 Color Server Virtual printers. See the following example.



Following is an example of the Printers window after installing the Novell Printer Queue.



Note: Note that the Novell Printer has the Novell NDS name as an extension, e.g. NW_TANSRV5.



3. Perform a test print using the installed Novell NetWare printer.

Defining the CXP6000 Color Server as a Novell NDS Client

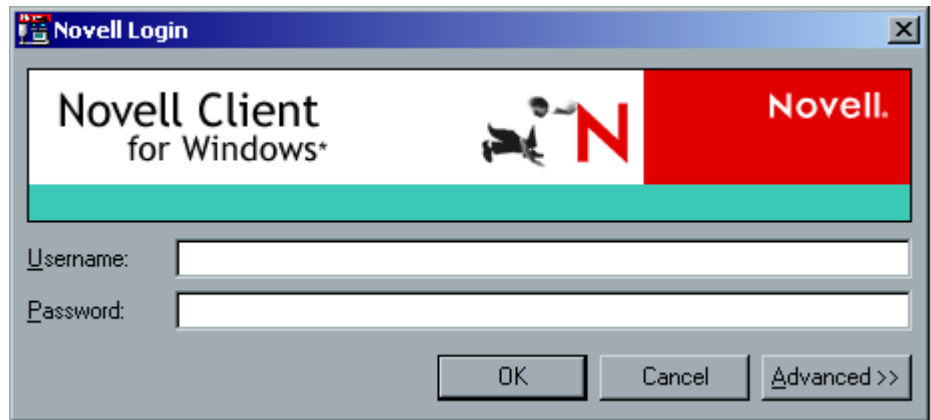
The following procedure is performed only to connect the CXP6000 Color Server to Novell NDS, as a Novell client. You do not need to perform this procedure in order to print to the CXP6000 Color Server.

To define the CXP6000 Color Server as a Novell NDS Client:



Note: If the connection between the CXP6000 Color Server and the Novell Server has already been defined, verify the connection by following this procedure.

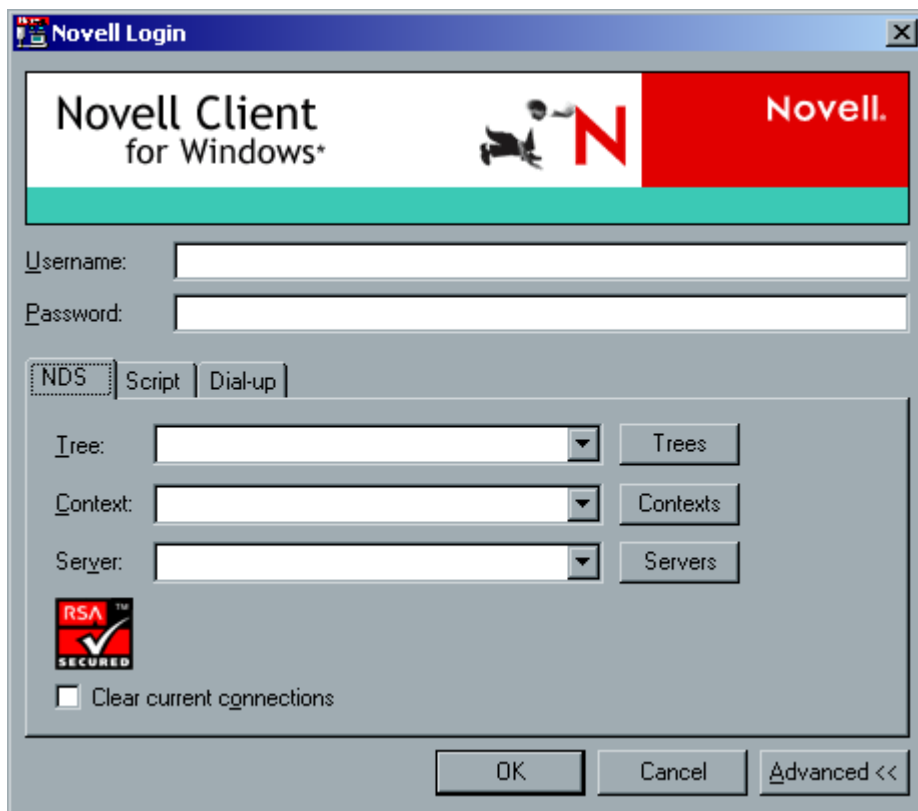
1. Right-click **Network Neighborhood** icon on the CXP6000 Color Server desktop, and from the menu, select **NetWare Login**.
The Novell Login dialog box appears.



The image shows a screenshot of the 'Novell Login' dialog box. The title bar reads 'Novell Login'. The main area has a header with 'Novell Client for Windows*' on the left, a logo in the center, and 'Novell.' on a red background on the right. Below the header are two input fields: 'Username:' and 'Password:'. At the bottom right are three buttons: 'OK', 'Cancel', and 'Advanced >>'.

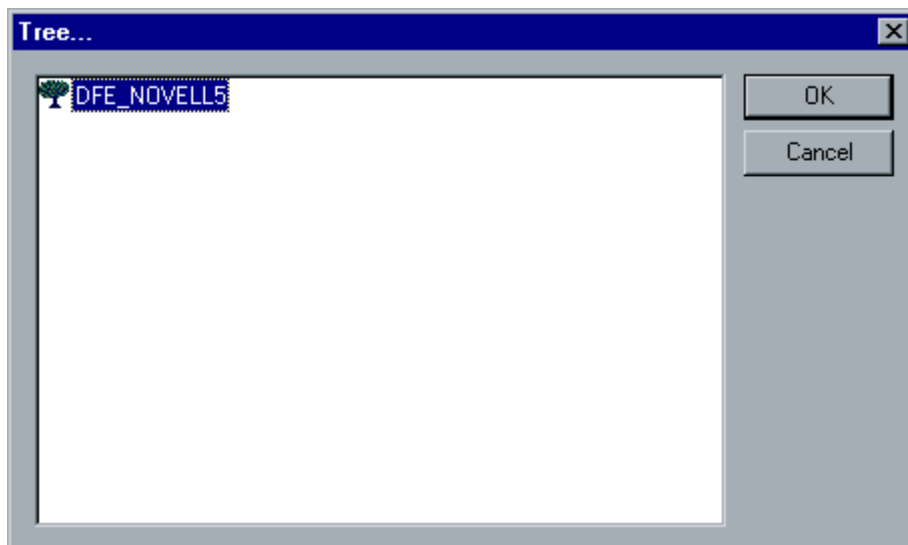
2. Type the **Username** and **Password** in their corresponding boxes; this information is provided by the Novell Administrator.

3. Click the **Advanced** button to expand the dialog box.

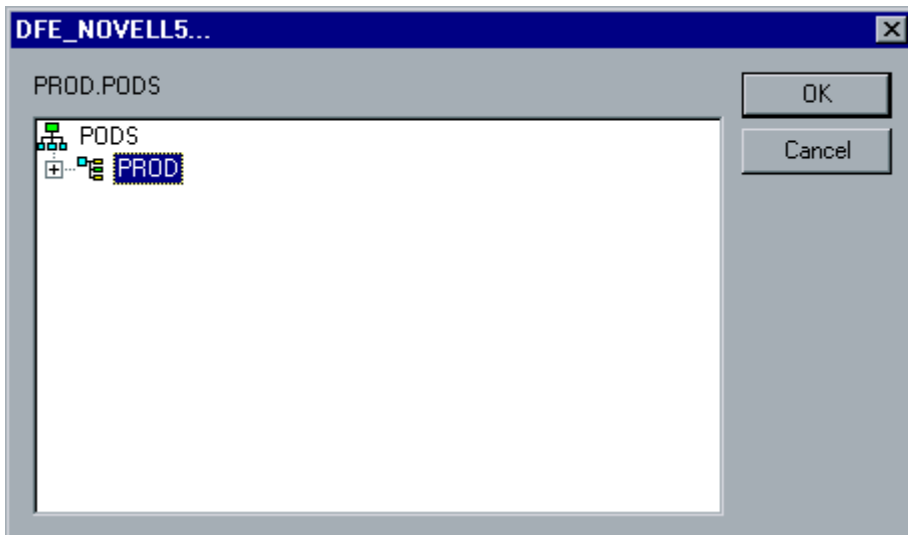


4. In the **NDS** tab, click the **Trees** button.

The Tree window appears.



5. Select the required tree and click **OK**.
The tree appears in the **Tree** box in the **NDS** tab.
6. In the **NDS** tab, click the **Contexts** button.
The context window appears.

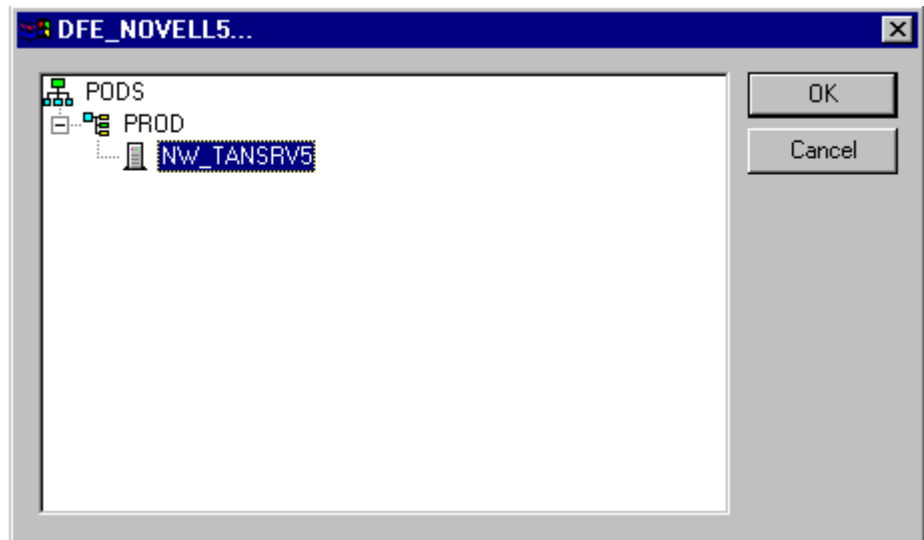


7. Select the required context full containers path, and click **OK**.
The **Context** full containers path appears in the **Context** box in the **NDS** tab.



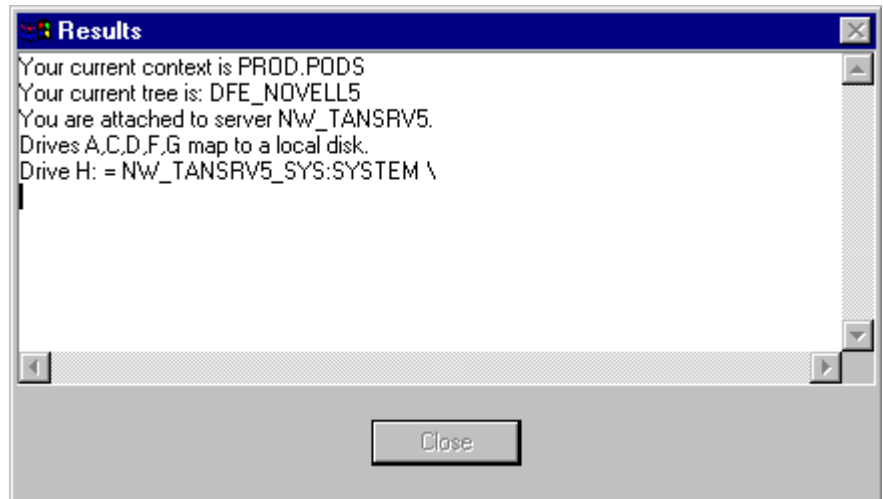
Note: An optional way is to type the exact Tree name, the Context full container path and the Server exact name, in their corresponding boxes. These names are provided by the Novell Administrator.

8. In the **NDS** tab, click the **Servers** button.
The server window appears.



9. Select the required Server, and click **OK**.
The **Server** appears in the **Server** box in the **NDS** tab.
10. Click **OK** in the Novell Login dialog box.

A Results window appears briefly to indicate that the connection was established. If an error message appears instead, contact your Novell Administrator.



The CXP6000 Color Server is now defined as a Novell NDS client.

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