



Installation Guide

English

CSX2000 Color Server

version 2.0

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RE37376	5249067	5481379	5691823	5942137	6112663	6266134
4456924	5283140	5488906	5691828	5946426	6115056	6267054
4500919	5291273	5497252	5696393	5947028	6121996	6268948
4558302	5296935	5508828	5699174	5958647	6130702	6283589
4743091	5313278	5509561	5699740	5966504	6134393	6295076
4992864	5323248	5517359	5708736	5969872	6136509	
5049901	5325217	5519852	5713287	5973801	6137580	
5079721	5331439	5526143	5739819	5986819	6147789	
5081617	5333064	5532728	5742743	5995475	6158345	
5103407	5339176	5561691	5764374	5996499	6159659	
5111308	5343059	5568595	5764381	5998067	6164637	
5113249	5355446	5576754	5771794	6003442	6180325	
5122871	5359451	5579115	5785309	6014471	6181362	
5124547	5359458	5592309	5802034	6016752	6181439	
5132723	5367360	5594556	5813346	6031932	6186068	
5150225	5367388	5600448	5818498	6043865	6189452	
5153769	5384648	5608822	5854883	6060208	6191882	
5155782	5384899	5615282	5861904	6063528	6204874	
5157516	5412491	5625766	5861992	6063546	6208369	
5177724	5412737	5636330	5864651	6072518	6214276	
5208818	5420702	5649220	5875288	6090529	6217965	
5208888	5420722	5650076	5894342	6096461	6252522	
5247174	5459505	5652804	5900981	6098544	6260482	
5247352	5473733	5680129	5934196	6107011	6266080	

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Environment Management System (EMS)

EMS Overview

Creo is committed to the Environment Management System (EMS) and according to this policy, we will keep customers and service engineers informed about the principles of handling company products, while emphasizing environmental conservation.

The Triple-R principles are: **Reduce, Reuse and Recycle.**

Any item that may be recycled should be recycled and any item that can be reused should be reused, to reduce the quantities of landfill sent to the local municipalities.

Recycling

Items such as Paper, Plastic, Electronic Parts and Glass should be sent for recycling after use.

Packaging Materials

Packaging Materials will be kept on the customer's premises. For disposal, send them to a plant for recycling Paper, Cartons and Wood.

End of Product Life span

The product should be sent for recycling to a recognized company.

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About This Installation Guide

Who is the Installation Guide for?

This Installation Guide is intended for CSX2000 Color Server operators and system administrators.






Installation Guide Purpose

This Installation Guide has been designed to guide you through setting up your CSX2000 Color Server. It will also direct you in setting up client workstations to print with the CSX2000 Color Server, printing test files, and administering your CSX2000 Color Server system.

Chapter Content and Description

Chapter	Contents	Description
About	About this Installation Guide	Installation Guide purpose, contents, and document conventions.
Chapter 1	Setting Up Client Workstations	Setting up Client Workstations to print with the CSX2000 Color Server.
Chapter 2	Upgrading the Software	Software upgrades on the CSX2000 Color Server.
Chapter 3	Reinstalling the System	CSX2000 Color Server reinstallation by overwrite or system partition.
Chapter 4	Administrating the System	Setting system parameters
Chapter 5	DFE Monitor	DFE Monitor information
Chapter 6	Adding an External Device	Adding external hardware
Appendix A	Novell NDS Setup and Configuration	Configuring the connection between a Novell NDS (Novell Directory Services) Server and the CSX2000 Color Server, in a Novell working environment.

Document Conventions

Item	Purpose	Example
User interface elements	User interface elements, such as menu options and icons, are in bold.	Select New from the File menu. Click the Expand icon.
Procedures you perform	Procedures that you perform appear in a numbered list.	1. Connect the machine to the main power supply. 2. Turn on your PC.
Single-step procedure	Single-step procedures appear with an arrow.	➤ Select Remote Station from the File menu.
References	Book icon precedes reference to another book or to another place in the book.	 Refer to the <i>Safety Precautions</i> chapter.
Note	Note icon precedes additional information.	 After changing the system parameters, you need to reboot your system.
Caution	Caution icon precedes a caution message.	 Installation must be done by authorized service personnel only.
Tip	Tip icon precedes a tip.	 For faster processing, use the Gallop function.
Warning	Warning icon precedes a warning message.	 Danger. Do not open panel!
Emphasized text	Use template style to denote importance.	As a general user, you are able to search for Files and Folders .

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Safety Precautions

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Safety Precautions

Power Line

100-240 VAC, 10 A max, 50/60 HZ.



Before opening the unit, ensure that the unit has been switched off and has been disconnected from the mains power supply.

Lithium Battery

The CSX2000 Color Server contains a Lithium battery on the CPU board. Only qualified service personnel should replace the battery. The following battery specifications fit all CPU configurations.



Danger of explosion if battery is incorrectly placed!

- Replace only with the same or equivalent type recommended by the manufacturer.
- Dispose of the used batteries according to the manufacturer's instructions.

Battery Replacement Requirements

- NOT rechargeable.
- Qualified manufacturers are: Panasonic, Eveready, and Renata
- Model #: CR2032
- Chemical content: LiMnO₂
- Mounting mechanism: removable, held by clip
- Replacement method: ESD protection, selection of proper battery type and correct orientation of battery during installation required.

Selection of Power Supply Cord/Connector

The CSX2000 Color Server is supplied with a power supply cord. In the event a new power cable or connector type is needed when changing from European or American standards for example, refer to the following table:

USA & Canada	Europe
UL Listed/CSA Certified cord set including: 1. Flexible cord Type SJ, SJE, SJO, SJOO, SJT, SJTO, SJTOO, S, SE, SO, SOO, ST, STO, or STOO, with minimum 16 AWG, 3 conductors. 2. A min. 12-Ampere parallel blade grounding type attachment plug. 3. IEC 320 type appliance coupler.	1. 3-conductors HAR type cord. The cord set used must be approved for the country in which the equipment is installed. 2. 1.25 mm ² (minimum) conductor cross-section. 3. Grounding-type attachment plug. 4. IEC 320-type appliance coupler.

Cautions



The AC Drawer provides protective grounding for the rest of the machine. Disconnect from Electrical Supply before dismantling AC Drawer.



For keeping the machine electrically safe after service, ensure that the AC Drawer and Fan Drawer (located above the AC Drawer) are secured to the frame by all required screws.



If you remove the left front service cover of the unit, you will be exposed to electrical and mechanical hazards. The front ON / OFF switch is connected to high voltage. Rotating fan blades are also exposed. Disconnect the unit from electrical supply prior to removing the cover.

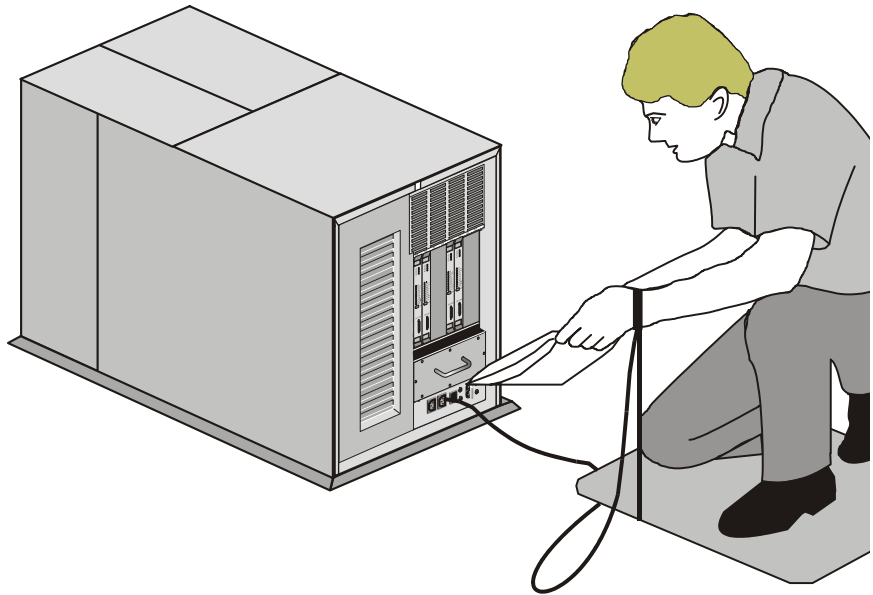
Disconnection from the Main Power Supply

The CSX2000 Color Server is equipped with a main power supply switch at the rear of the unit (labeled On / Off,) and a power button behind the front door. For complete disconnection from the power supply, the main power supply must be brought to Off position. Switching off only the front power switch will leave some circuits of the CSX2000 Color Server energized.

Static Electricity Safety Precautions




Take the following precautions whenever handling an electronics board, disk drive and memory modules, since they can be extremely sensitive to ESD (Electro Static Discharge).

1. It is recommended to use a field service grounding kit (chain, mat and wrist strap) when handling these above-mentioned electronic components.
2. After removing the component from the system or from its protective wrapper place it on the grounded anti-static mat and not on a carpet or any other unshielded surface.
3. After removing a board from a station, store it in an anti-static bag.



Safety Labels

The following safety labels are found on the CSX2000 Color Server.

Safety Label	Location
	Top, side and bottom right rear of the CSX2000 Color Server.
	Bottom right rear of the CSX2000 Color Server.
	Bottom right rear of the CSX2000 Color Server.

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Chapter 1

Setting Up Client Workstations

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Default Network Printers on PC and Macintosh Clients

For Macintosh and PC networks, the CSX2000 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.



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

CSX2000 Color Server preset virtual printers:

- **ProcessPrint**
Files sent to this printer are automatically processed and printed to the printer through the CSX2000 Color Server.
- **ProcessStore**
Files sent to this printer are automatically processed and printed to the Storage Folder of the CSX2000 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 CSX2000 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 CSX2000 Color Server. It is not possible to send files via the FontDownloader, only fonts.

The CSX2000 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 refer to the *CSX2000 Color Server Printing Guide*.

Defining a Printer on PC Client Workstations

The CSX2000 Color Server can print to the following PC client workstation running: Windows 98/ME and Windows NT 4.0/2000 and XP. The CSX2000 Color Server network printers are defined using the Windows Add Printer Wizard - Network Printers.

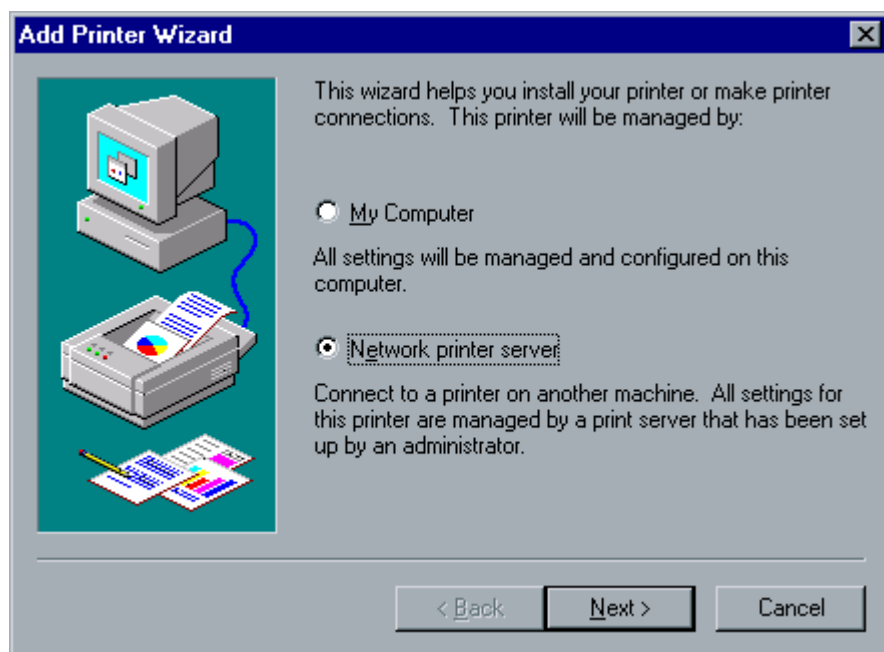


When adding a new CSX2000 Color Server virtual printer to a client workstation, there is no need to install the CSX2000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the Windows Add Printer Wizard.

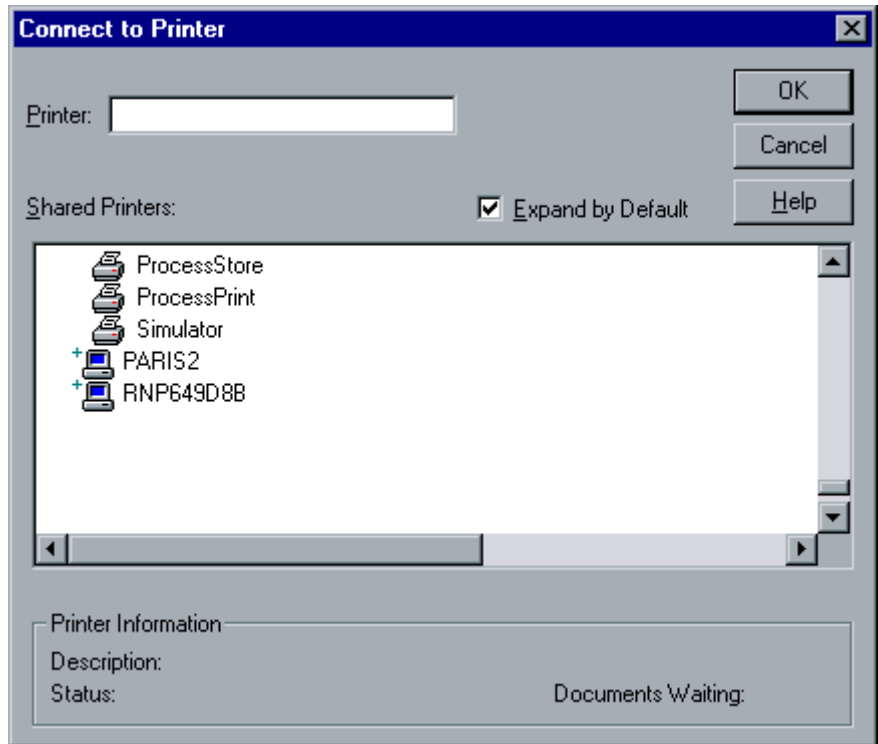
Defining a Printer - Windows NT 4.0

To define a CSX2000 Color Network Printer through the Windows Add Printer Wizard:

1. Click the **Start** button, point to **Settings**, and click **Printers**.
2. Double-click the **Add Printer** icon.
The *Add Printer Wizard* appears.

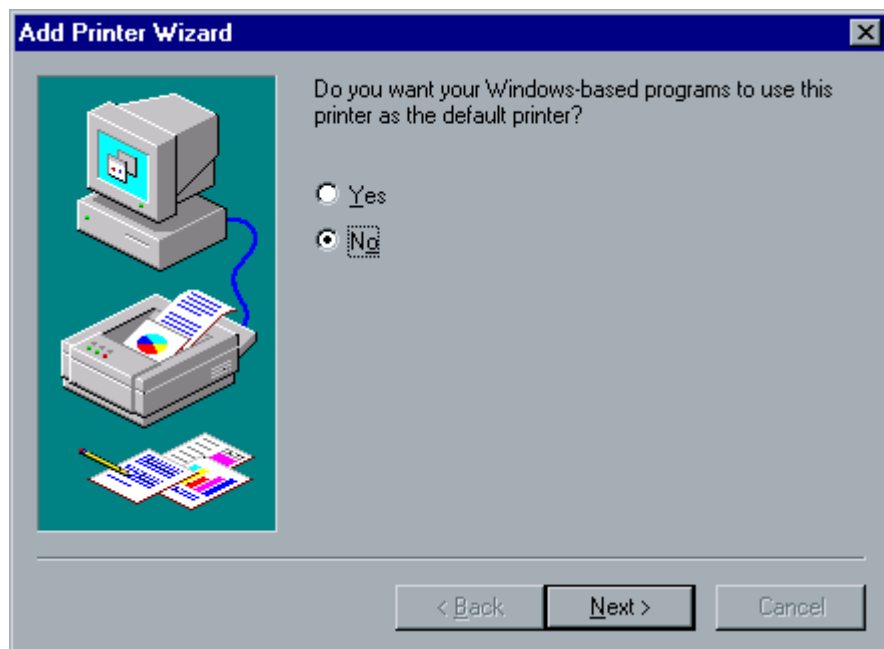


3. On the window that appears, select **Network Printer Server**. Click **Next**.
4. Browse the network to where the CSX2000 Color Server is configured. Double-click the server name. A list of the network printers is displayed.

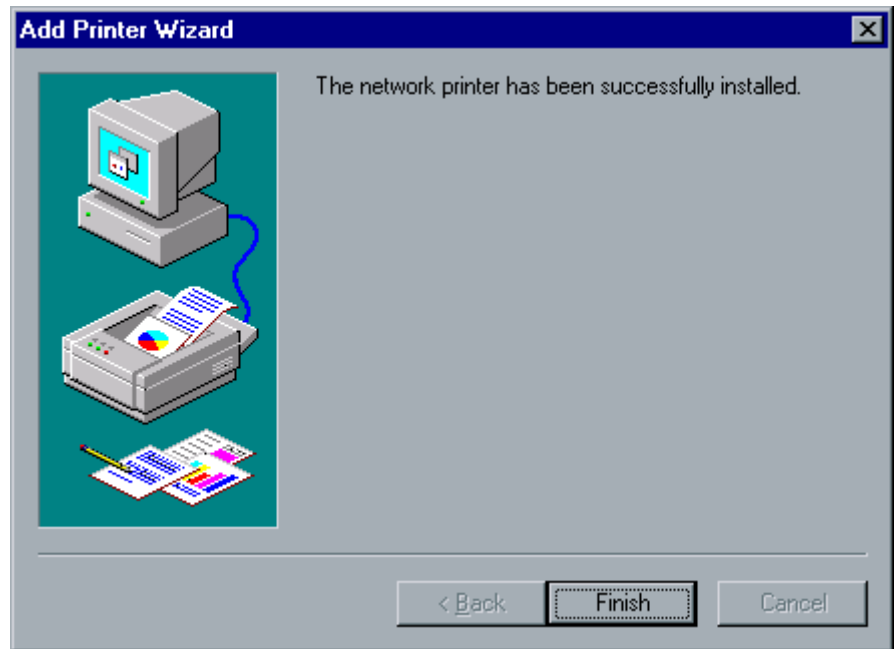


The CSX2000 Color Server is provided with three network printers: ProcessPrint, ProcessStore and SpoolStore.

5. Select one of the network printers (for example, ProcessPrint), and click **OK**.
6. When prompted to set this printer as the default printer, leave the default as **No** and click **Next**.



7. The CSX2000 Color Server network printer is now successfully installed. Click **Finish** to complete the setup.



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

To define a CSX2000 Network Printer through the Network Neighborhood:

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

Configuring an LPR Printer on Windows NT 4.0

The following procedure describes how to configure an LPR printer in Windows NT 4.0 for printing to the CSX2000 Color Server.

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

- TCP / IP protocol
- Microsoft TCP / IP Printing service
- Latest Adobe PS Printer Driver (You can download the latest version free from www.adobe.com.)

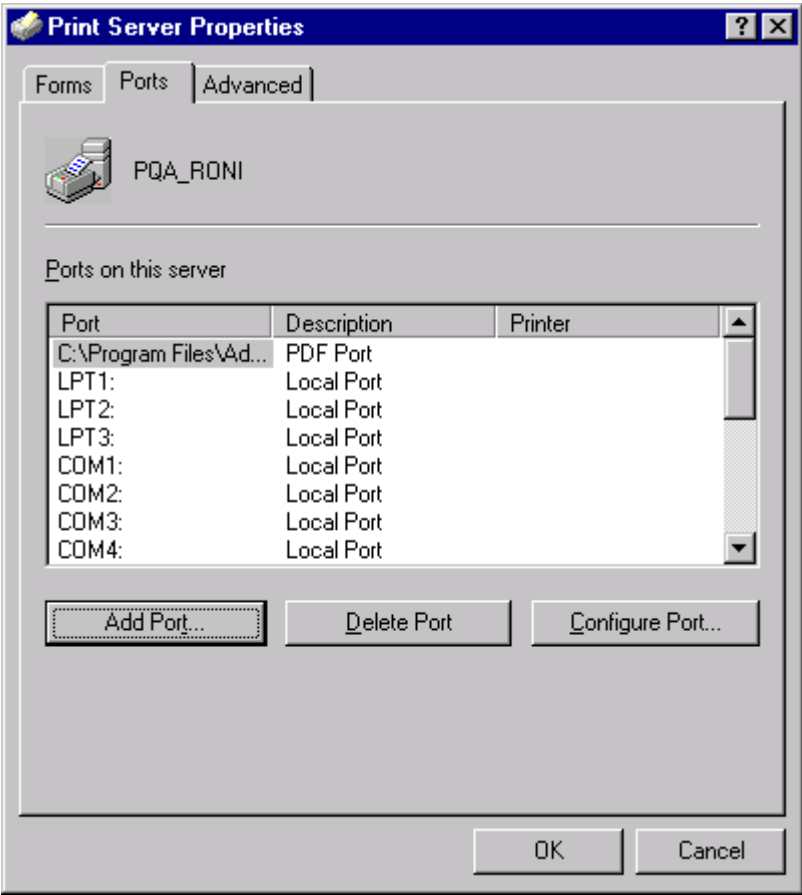
To define an LPR Printer:

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

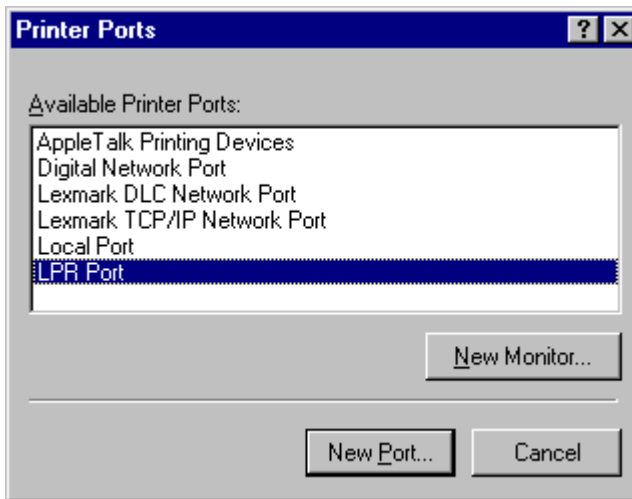


2. From the **File** menu, select **Server Properties**.

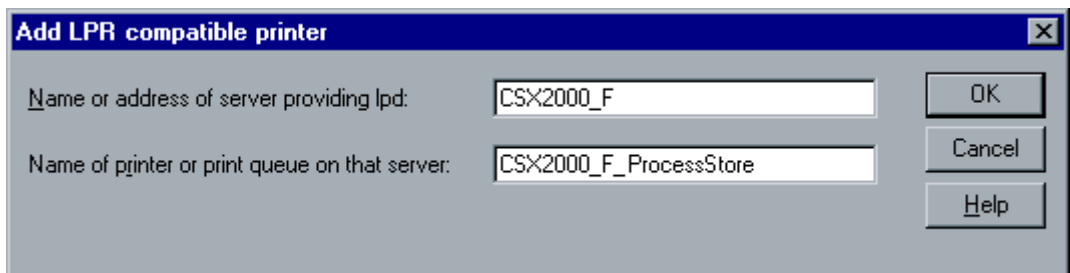
3. Select the **Ports** tab and then click the **Add Port** button.



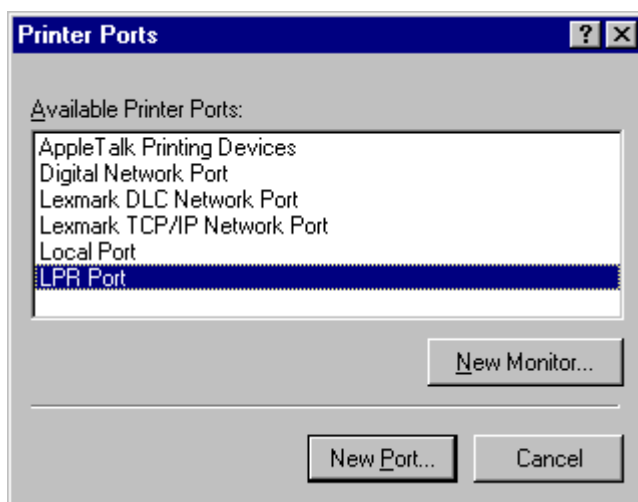
4. From the list of **Available Printer Ports** list, select **LPR Port**, and then click the **New Port** button.



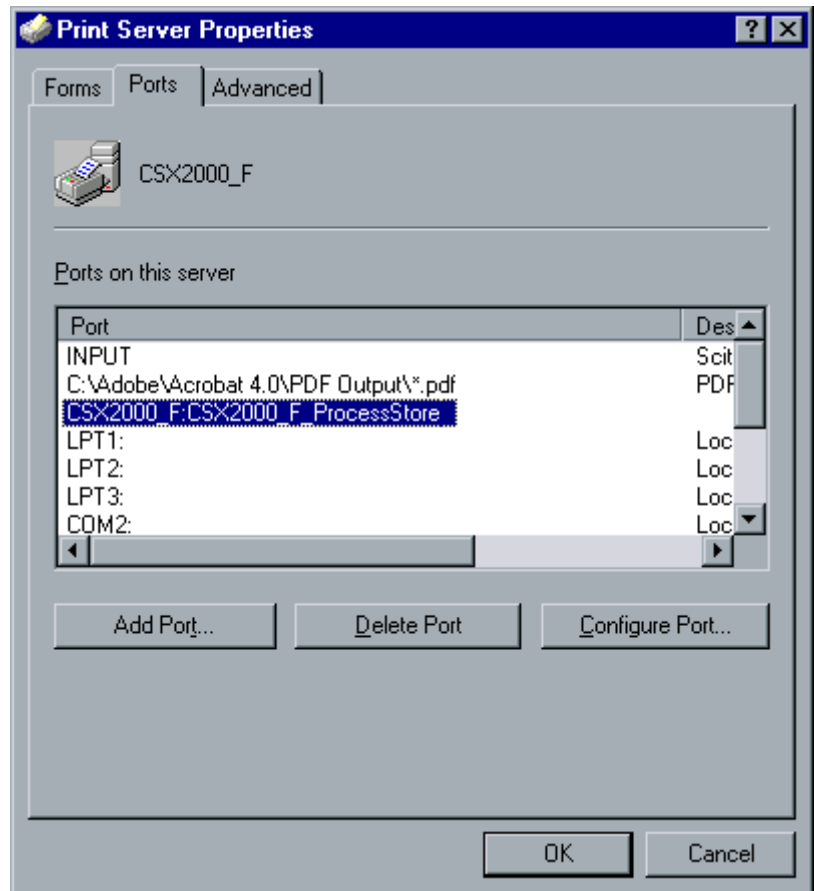
5. Type the exact name of the CSX2000 Color Server (this field is case-sensitive), for example, CSX2000_F in the **Name or address of server providing lpd:** field. Then type the exact name of the Virtual Printer you wish to print to (you can view the exact name of the printer on the CSX2000 Color Server, under: **Admin>Resource Manager>Virtual Printers**). In this example the Virtual Printer name is CSX2000_F_ProcessStore. Click **OK**.



6. Close the *Printer Ports* dialog box.



7. Click **OK** in the *Print Server Properties* dialog box.



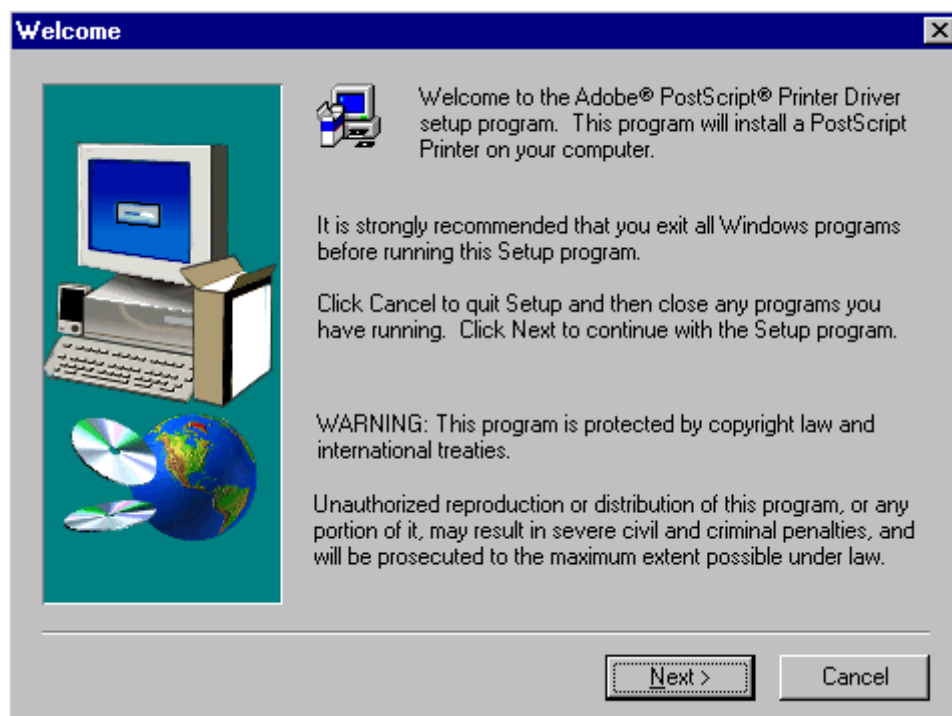
8. Define the LPR printer using the Adobe PostScript Printer driver application. See the following procedure.

To define an LPR Printer using the Adobe PostScript Driver:

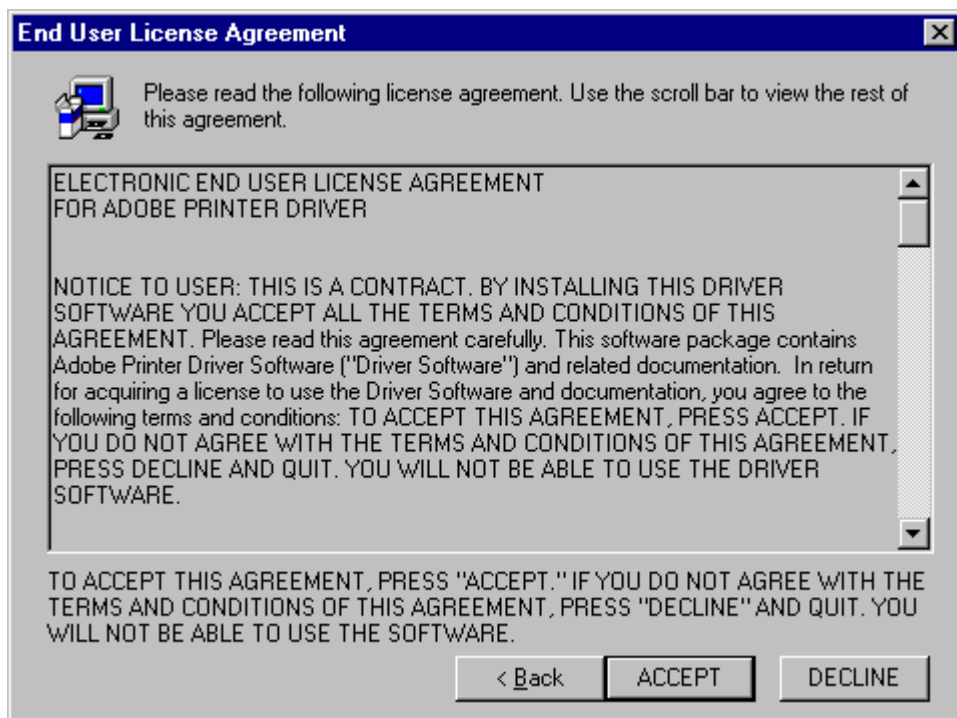
1. Launch the Adobe PostScript Driver application (you can download this application from Adobe's Web site at www.adobe.com).



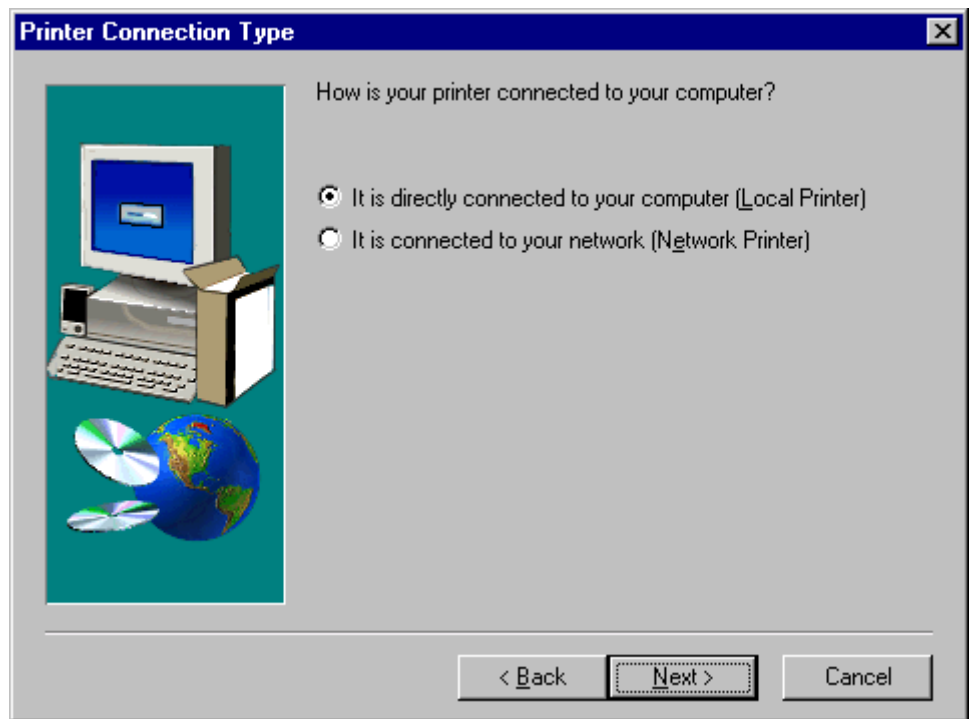
2. When the *Welcome* message appears click **Next**.



3. Click **Accept** to accept the license agreement (read license agreement first).

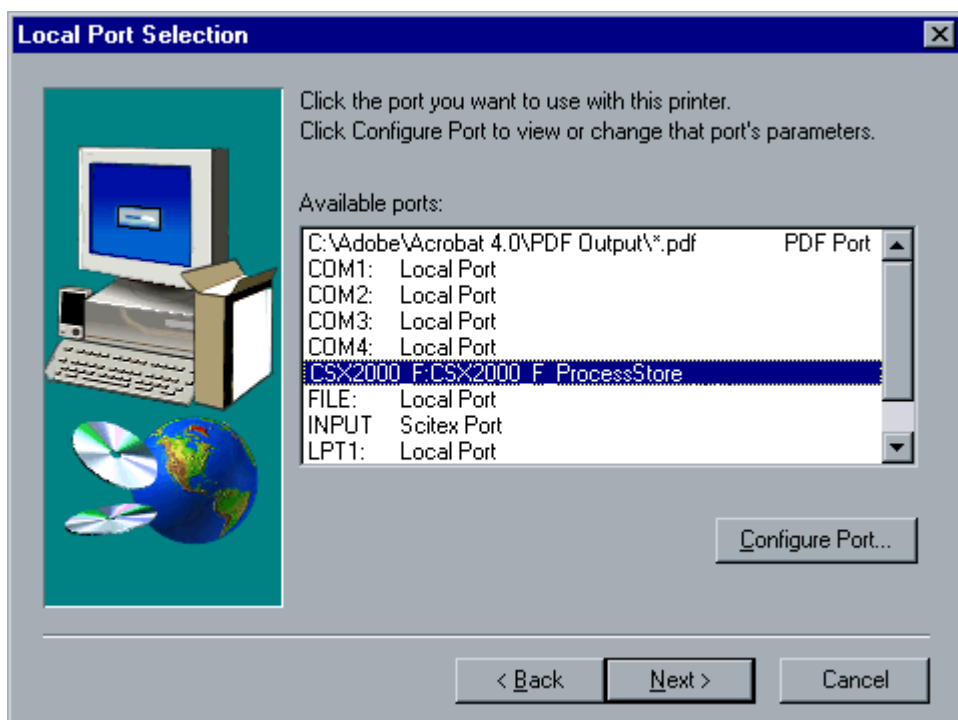


The following window appears.



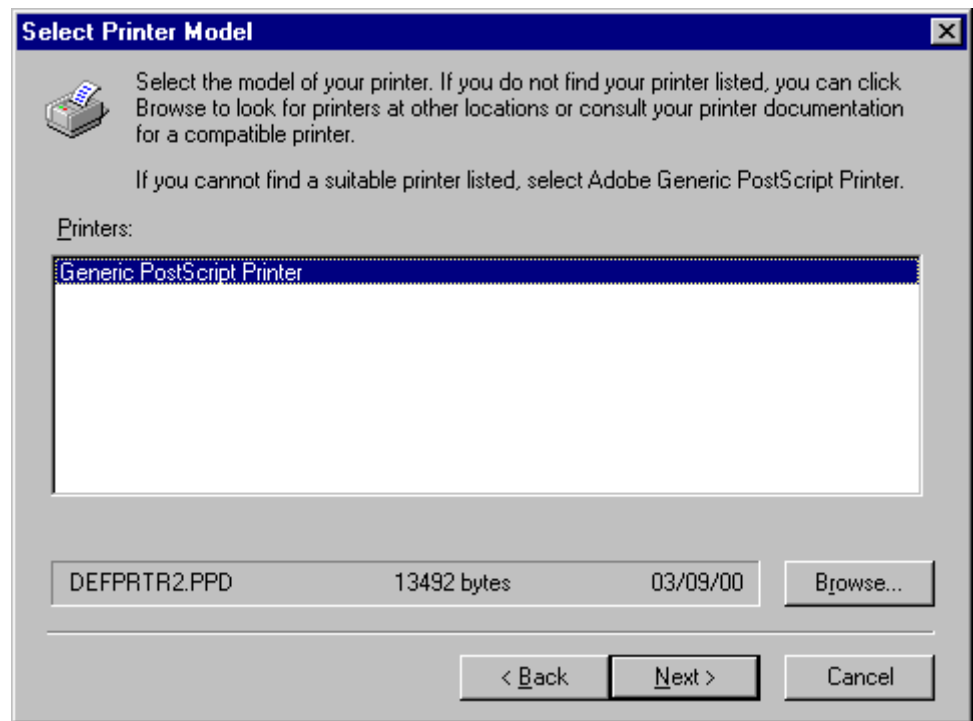
4. Select **It is directly connected to your computer (Local Printer)**, then click **Next**.

The following window appears.



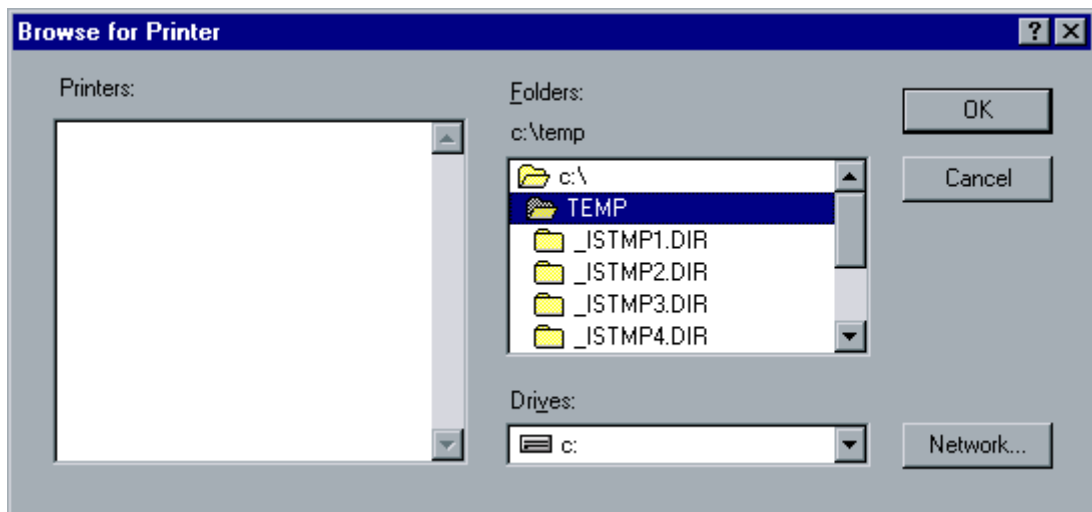
5. Select the LPR port you defined earlier on, for example, CSX2000_F_ProcessStore, and then click **Next**.

The following window appears.



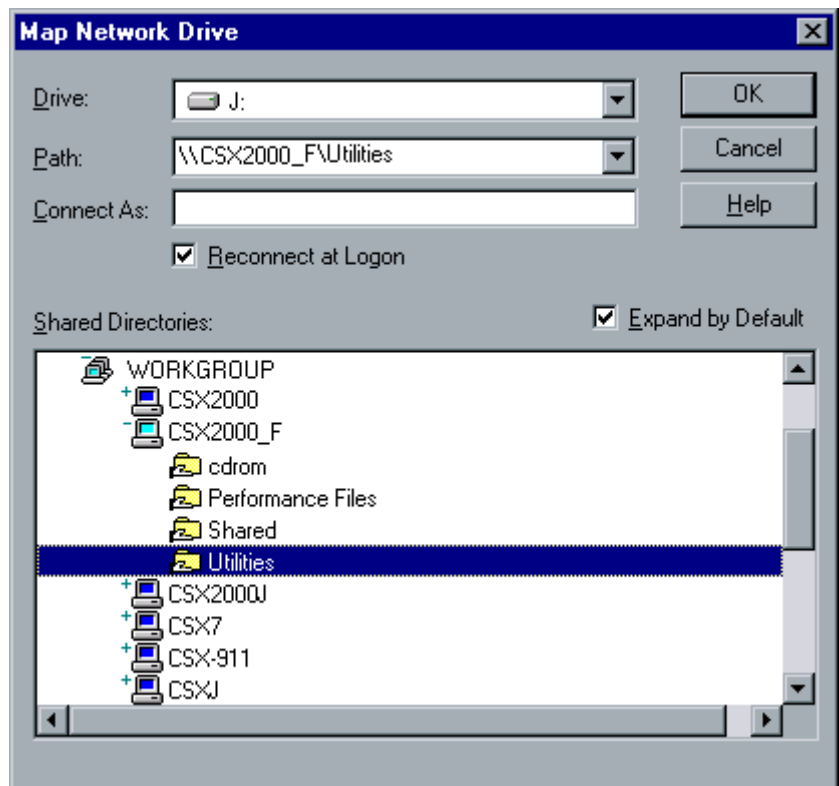
6. The next step is to configure the printer with the CSX2000 Color Server PPD. The CSX2000 Color Server PPD is located in a shared folder on the CSX2000 Color Server. Click **Browse**.

The following window appears.



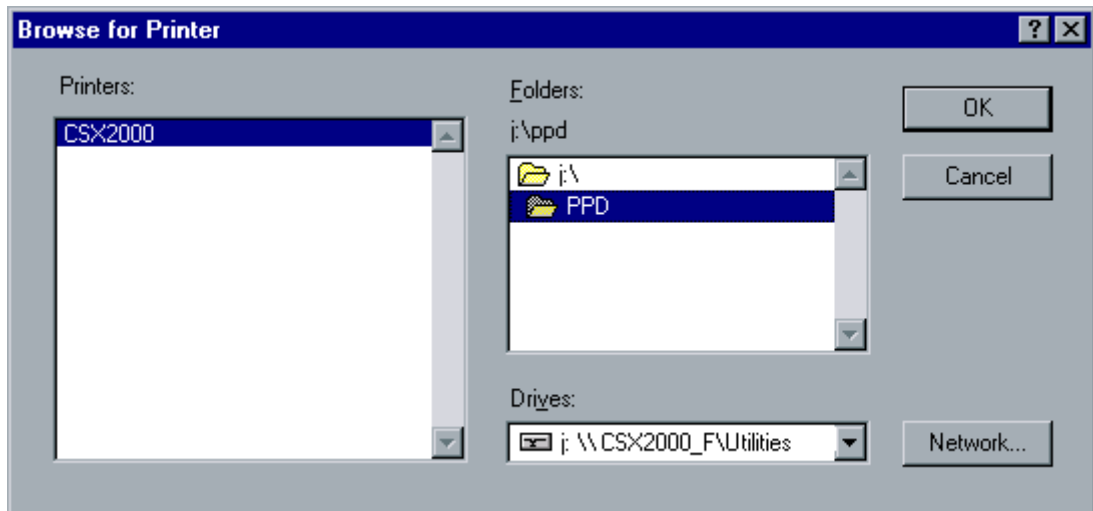
7. Click the **Network** button and browse to your CSX2000 Color Server.

The following dialog box appears.



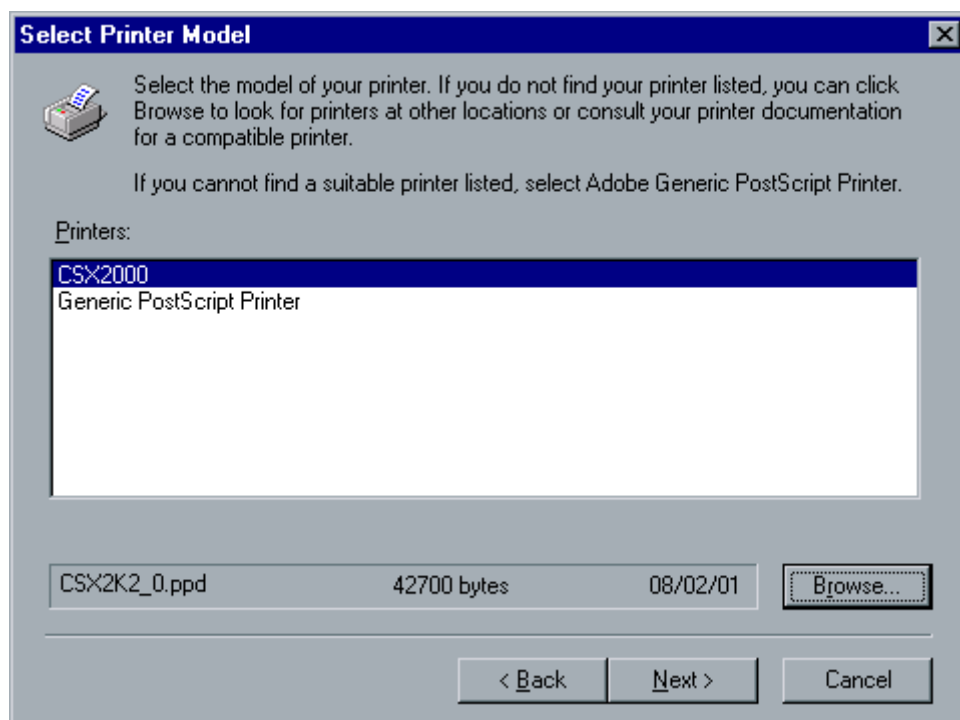
8. Once you have located the CSX2000 Color Server, double-click on the server icon and then double click on the **Utilities** folder. Then, click **OK**.

The following dialog box appears.



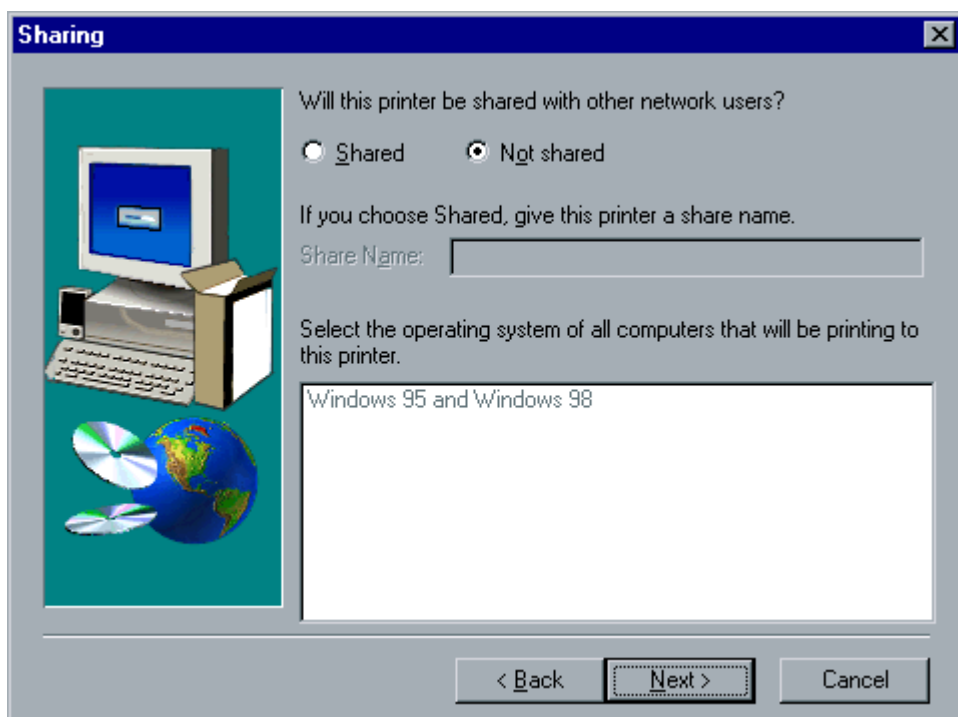
9. Double click on the PPD folder and then select the CSX2000 Color Server PPD.
10. Click **OK**.

The following dialog box appears.



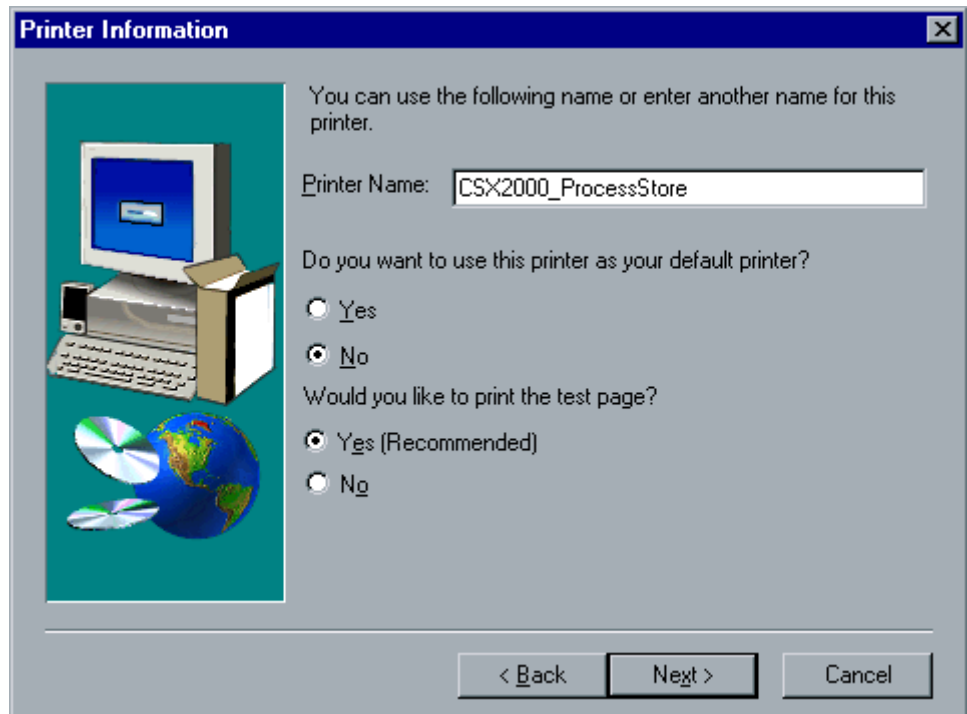
11. In the list of Printer Models select the CSX2000 Color Server PPD (CSX2K2_0.ppd) that you just added and then click **Next**.

The following window appears.



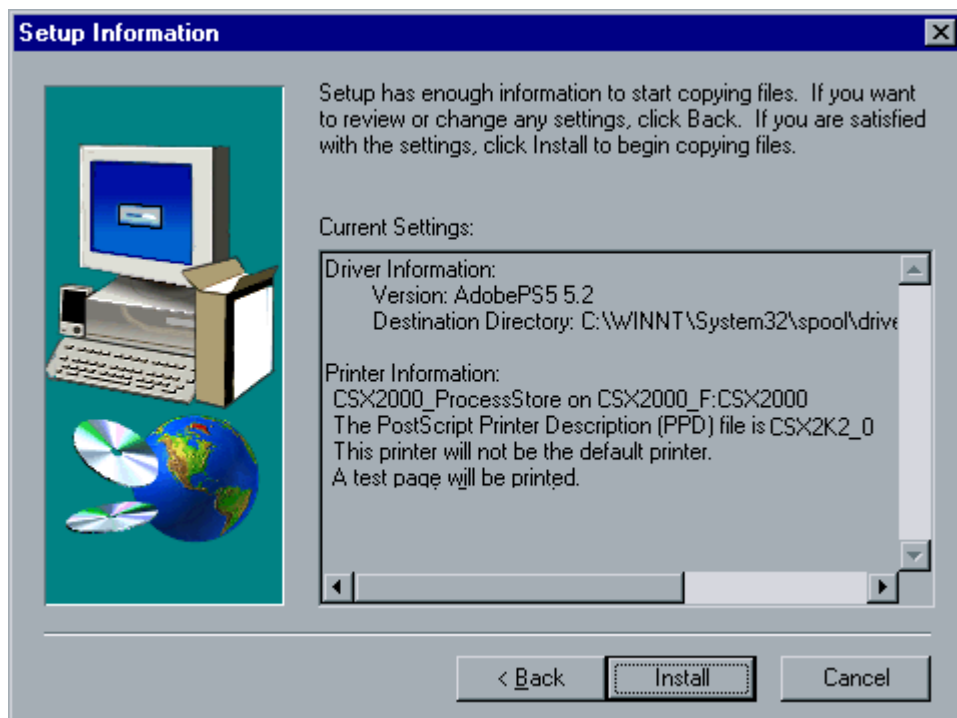
12. Select Not Shared and then click Next.

The following window appears.



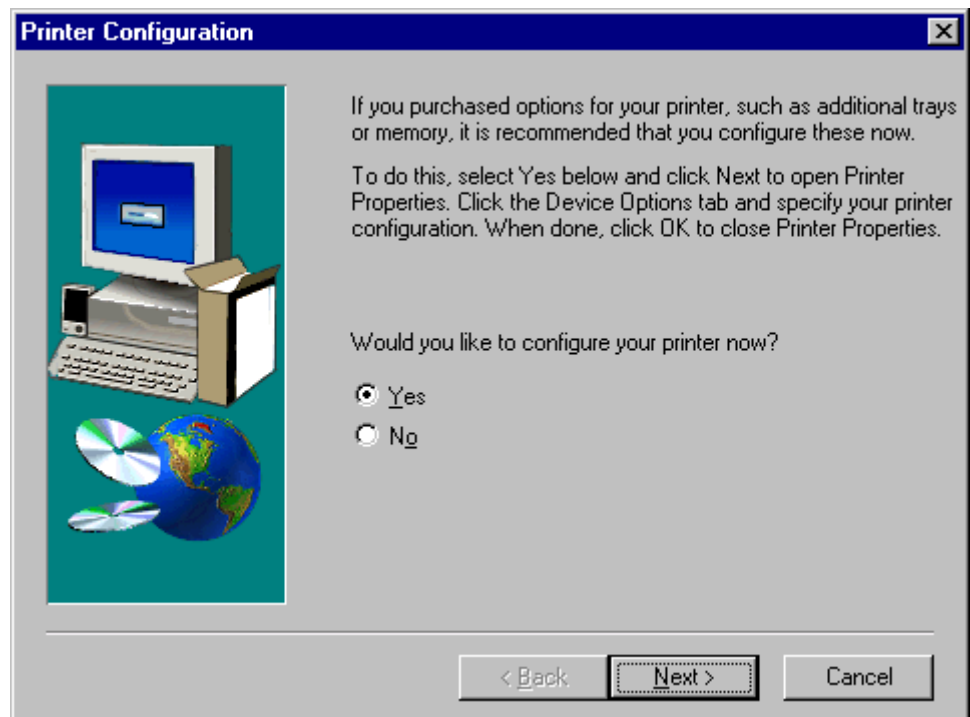
13. Type a name for the printer which you will be able to identify on the client workstation, for example CSX2000 ProcessStore. Select **Yes** if you want to print a test page (recommended) or select **No**, then click **Next**.

The following window appears.



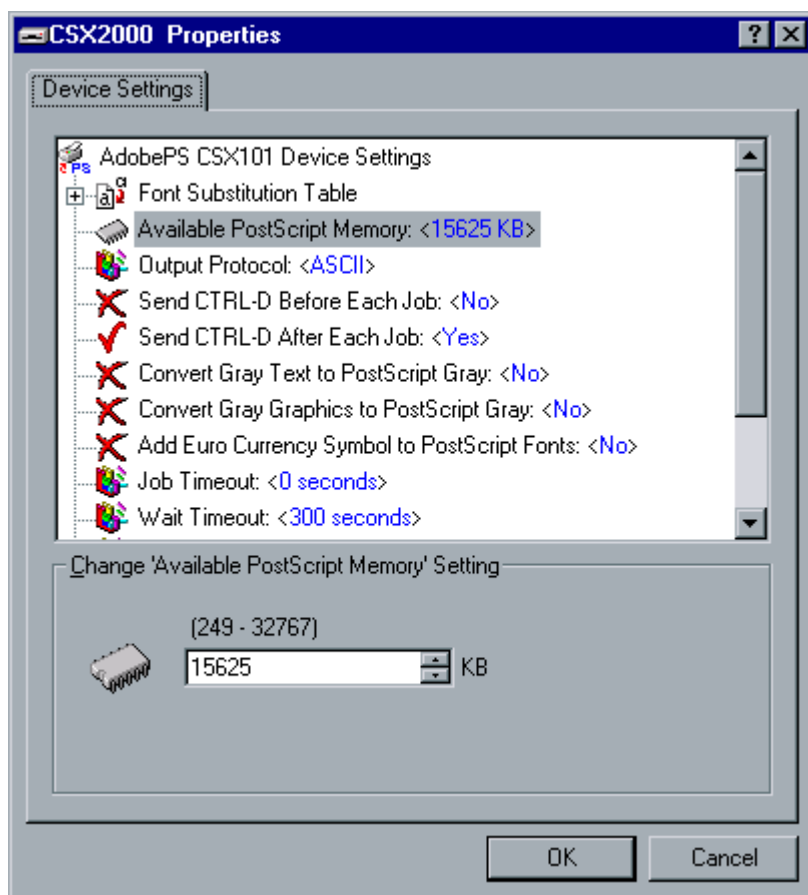
14. Click **Install** to install the LPR printer with the CSX2000 Color Server PPD. When prompted to configure the printer, click **Yes** and then click **Next**.

The following window appears.



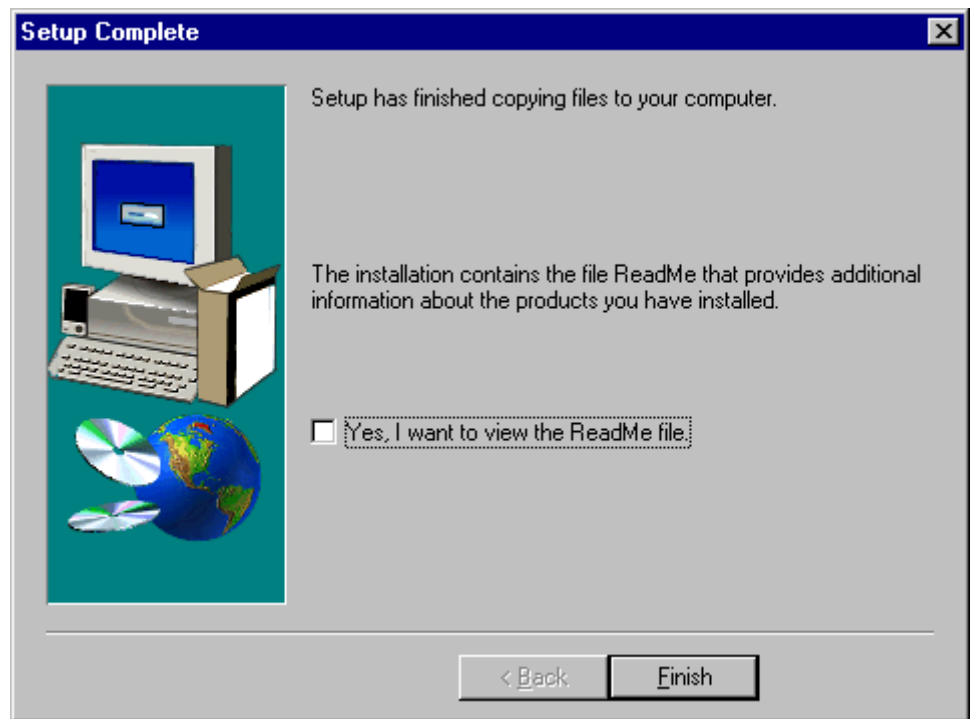
15. Click Yes.

The following dialog box appears.

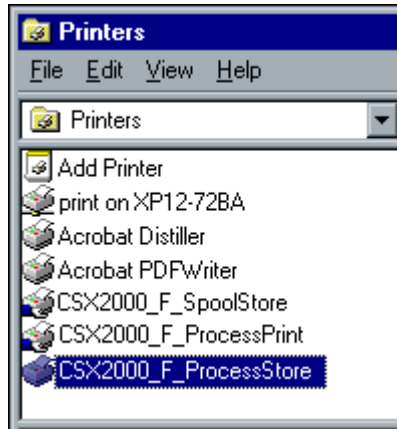


16. Configure the printer according to your specifications and then click **OK**.

The following window appears.



17. Click **Finish** to complete the setup.
The network printer now appears in the *Printers* window.



The new LPR printer is now listed with your other printers on the WindowsNT client workstation. You are now ready to print to the CSX2000 Color Server using LPR.

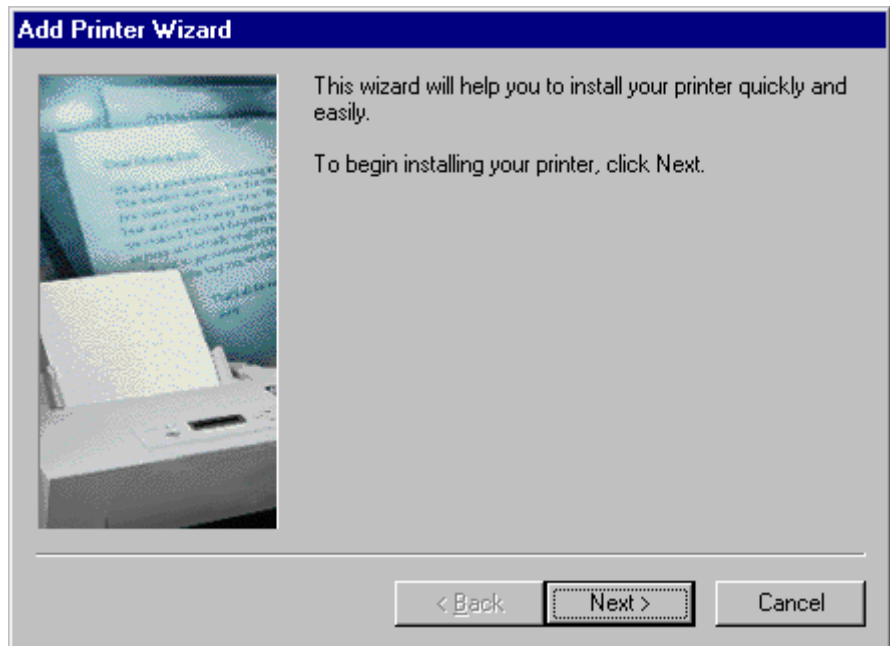
Defining a Printer - Windows 98



When adding a new CSX2000 Color Server network printer to a client workstation, there is no need to install the CSX2000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the **Windows>Add Printer Wizard**.

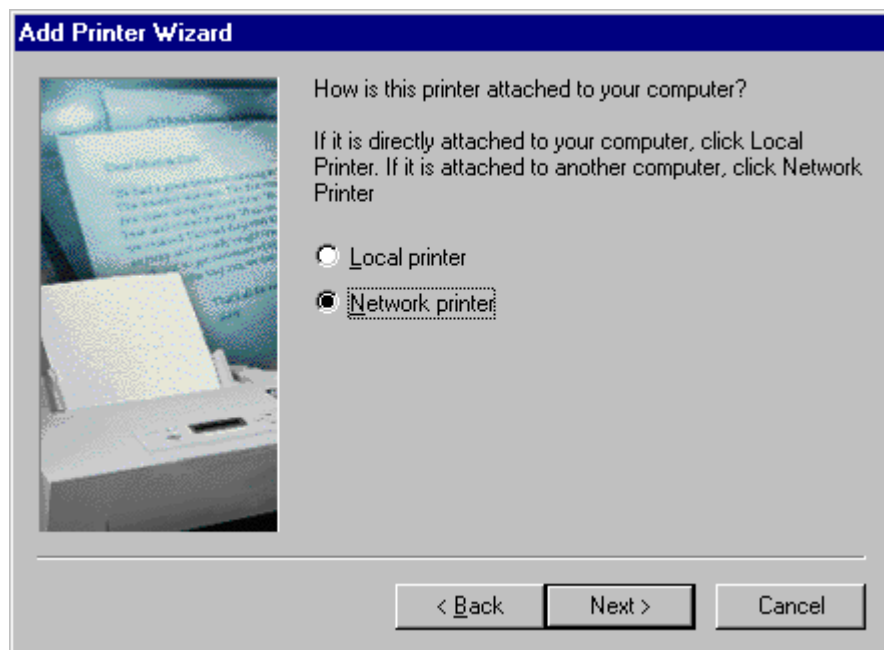
To define a CSX2000 Color Server network printer through the Windows Add printer wizard:

1. Click the **Start** button, point to **Settings**, and click **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:

Browse...

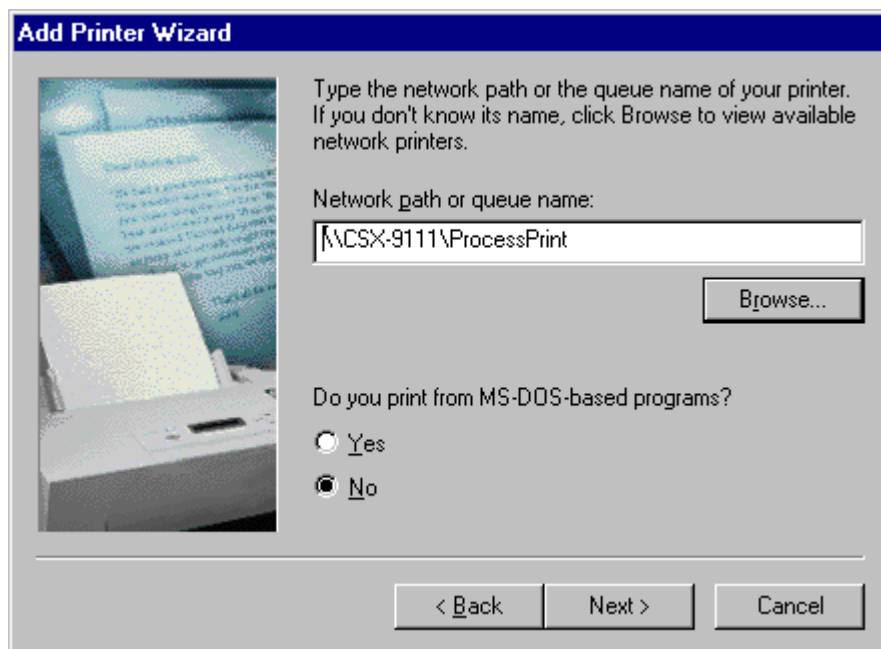
Do you print from MS-DOS-based programs?

☐ Yes

☒ No

< Back Next > Cancel

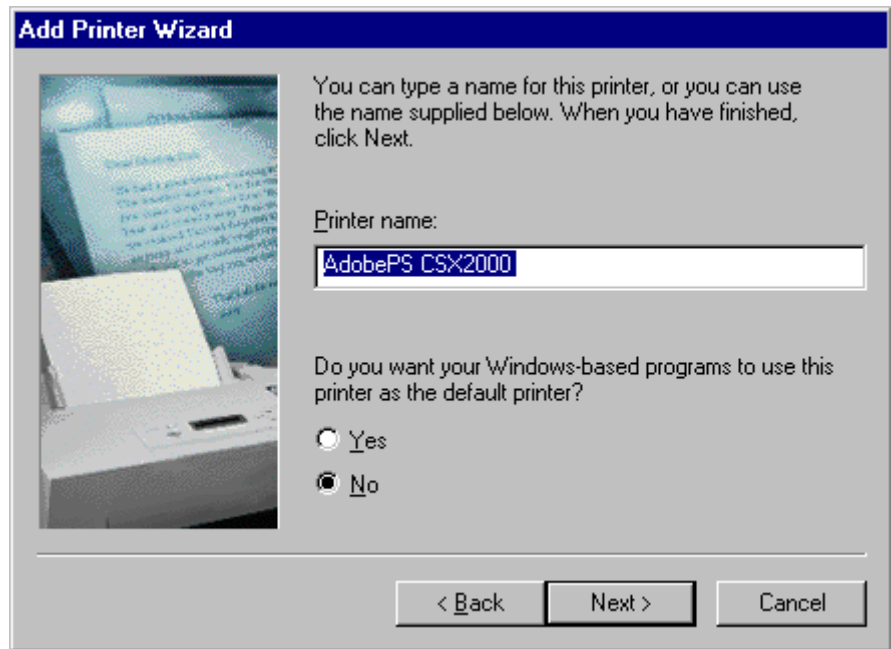
5. Type the network path or the queue name of your printer. If you don't know its name, click **Browse** to view available network printers.



6. Select one of the network printers (for example, ProcessPrint).

7. Click **Next**.

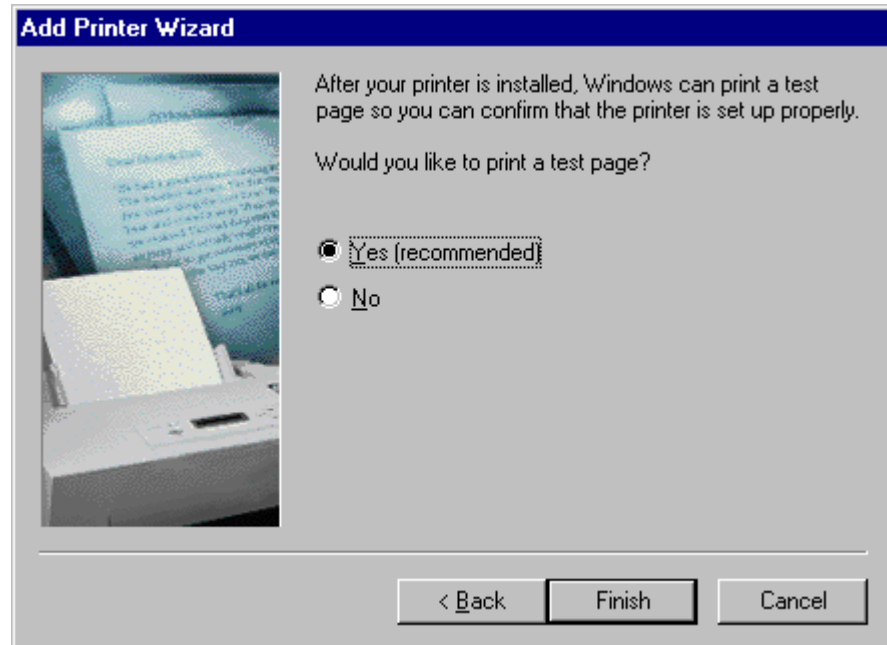
The following window appears.



8. When prompted to set this printer as the default printer, leave the default as **No**.

9. Click **Next**.

The following window appears.



10. Select **Yes** to print a test page.

The CSX2000 Color Server network printer is now successfully installed. Click **Finish** to complete the setup.

11. Repeat the above process to install additional virtual printers.

To define a CSX2000 Network Printer though the network neighborhood:

1. Browse your network to the desired 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.

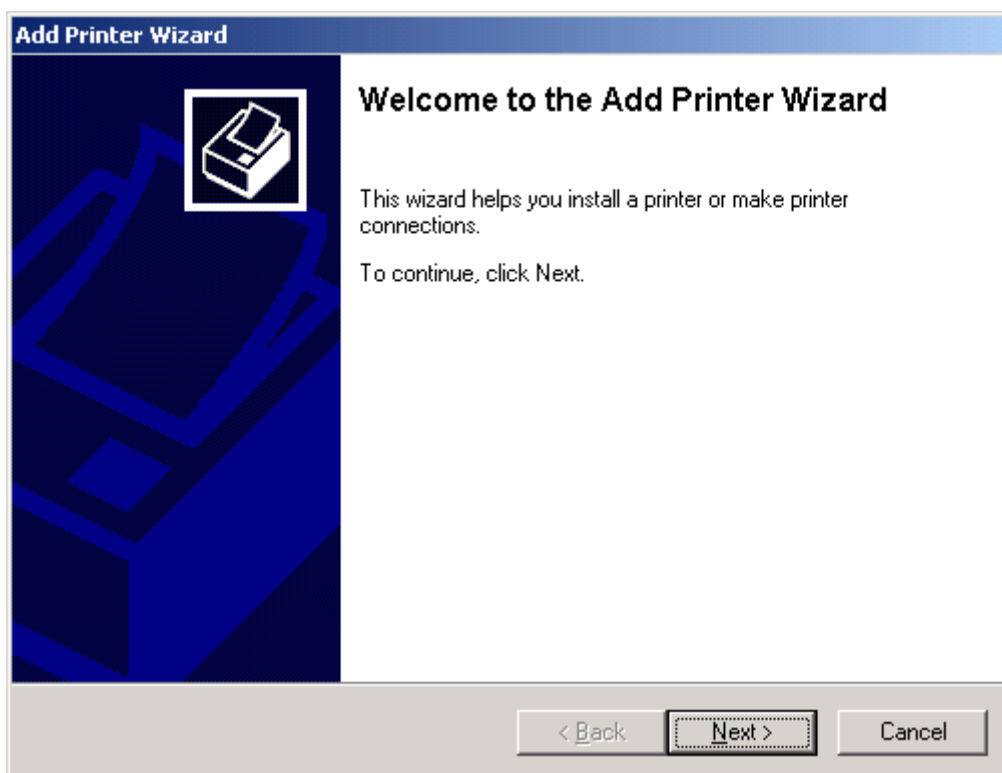
Defining a Printer - Windows 2000 and ME



When adding a new CSX2000 Color Server network printer to a client workstation, there is no need to install the CSX2000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the Windows Add Printer Wizard.

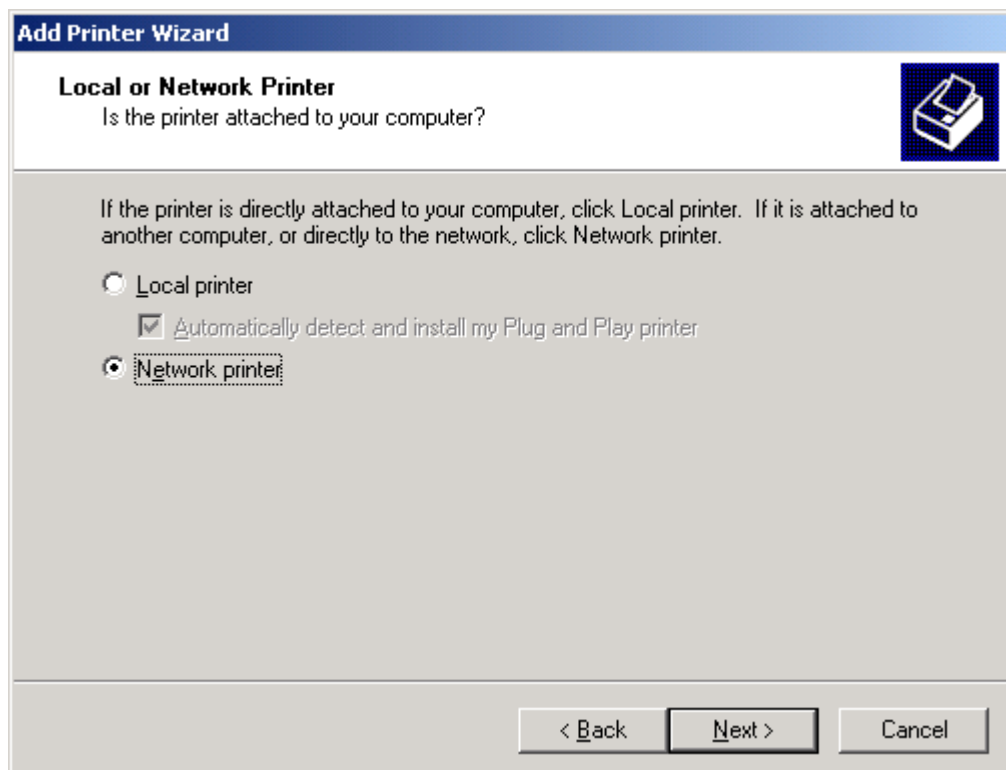
To define a CSX2000 Color Server network printer through the Windows Add Printer Wizard:

1. Click the **Start** button, point to **Settings**, and click **Printers**.
2. Double-click the **Add Printer** icon.
The *Add Printer Wizard* appears.



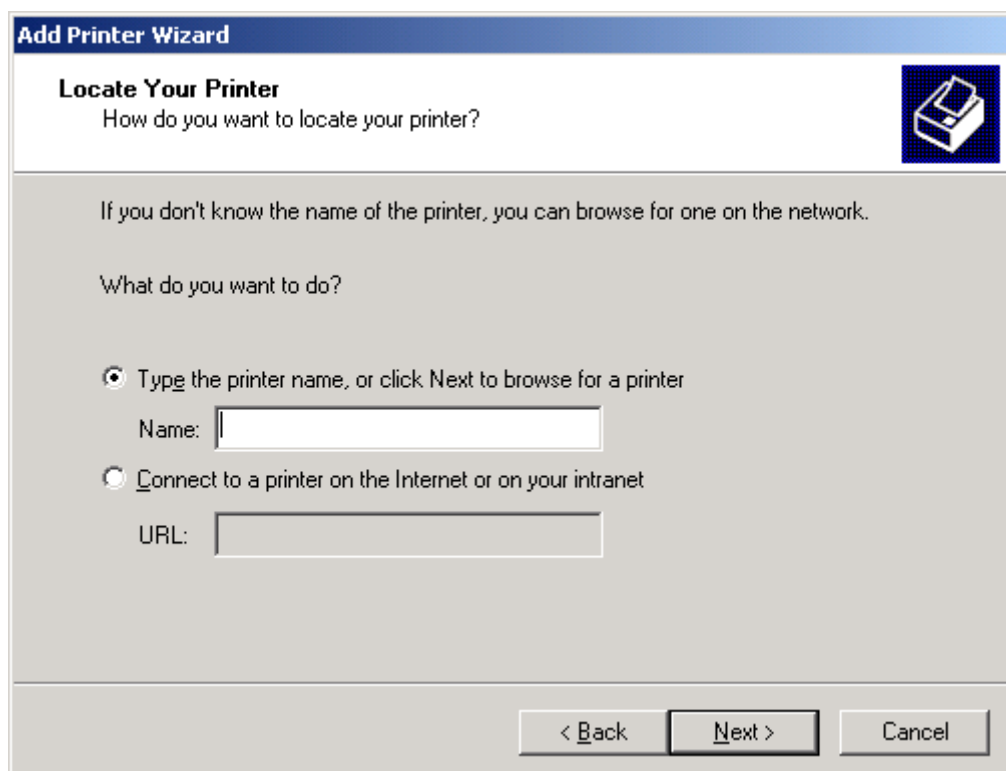
3. Click Next.

The following window appears.

**4. Select Network printer.**

5. Click **Next**.

The following window appears.



The image 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?". In the top right corner, there is a small icon of a printer. The text inside the dialog explains that if the user doesn't know the printer name, they can browse for one on the network. It then asks "What do you want to do?". There are two radio button options: the first is "Type the printer name, or click Next to browse for a printer" (which is selected), and the second is "Connect to a printer on the Internet or on your intranet". Below the first option is a text input field labeled "Name:". Below the second option is a text input field labeled "URL:". At the bottom right, there 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

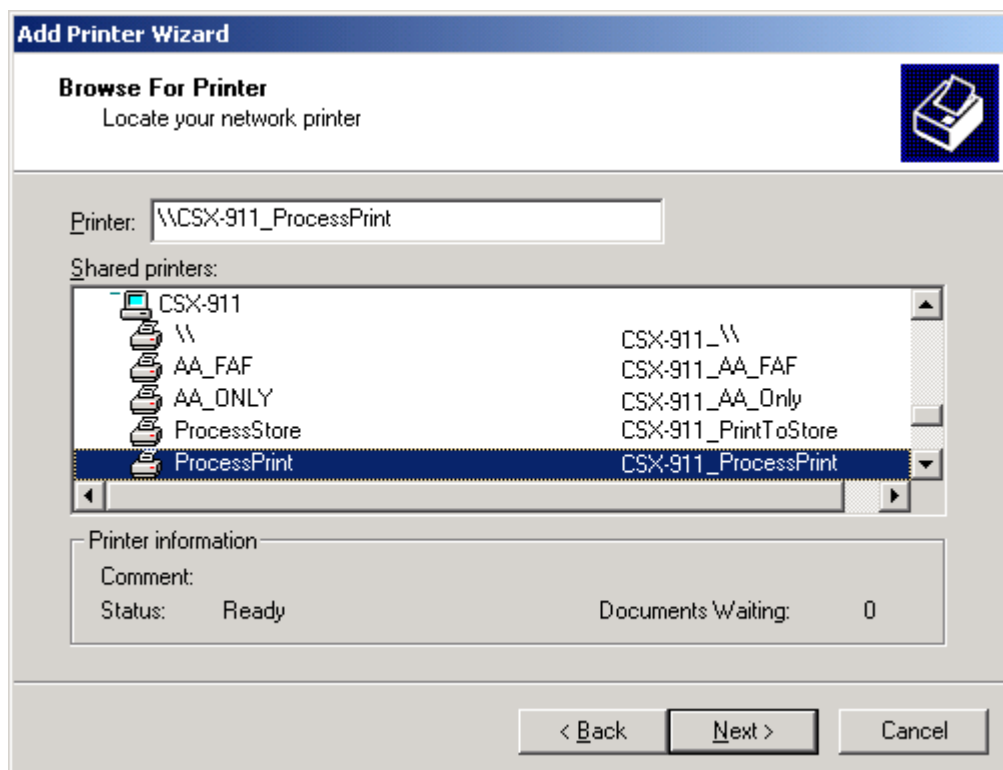
Name:

☐ Connect to a printer on the Internet or on your intranet

URL:

< Back Next > Cancel

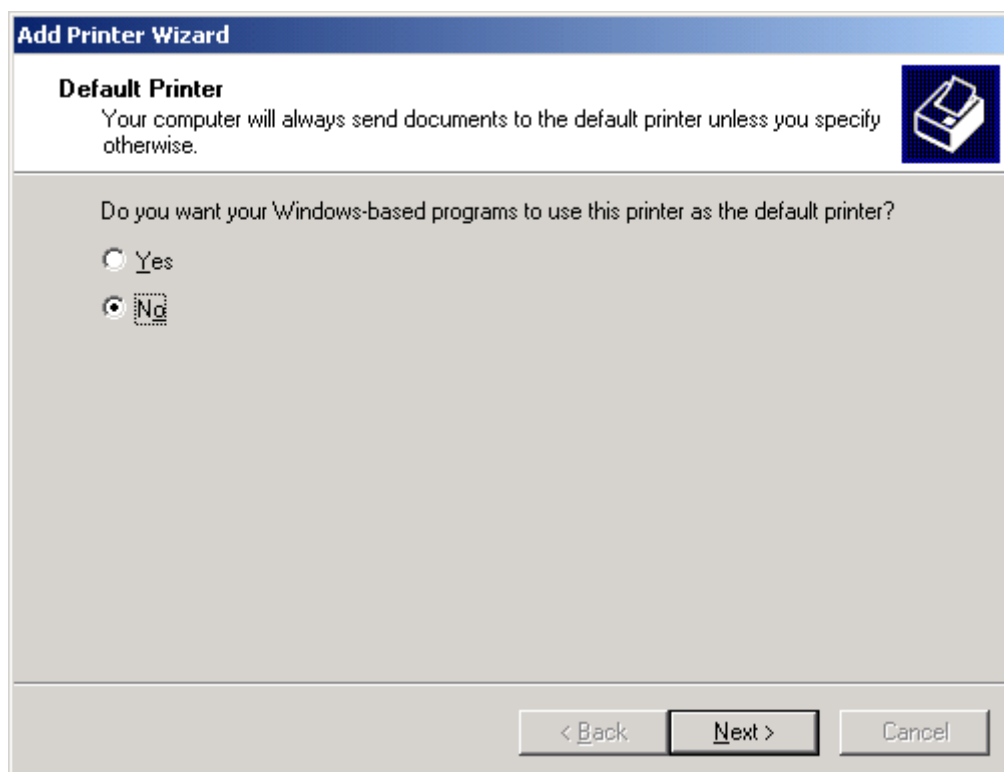
6. Type the printer name and click **Next**. If you don't know its name, click **Next** to browse for a printer. The following window appears.



7. Select one of the network printers (for example, ProcessPrint).

8. Click **Next**.

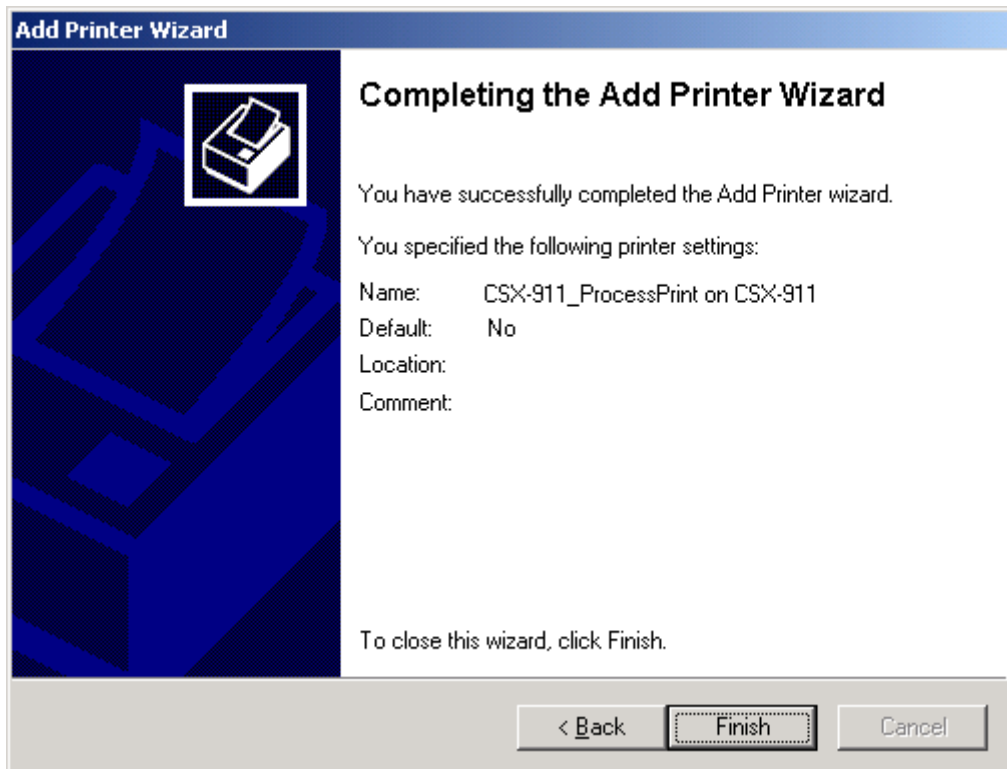
The following window appears.



9. When prompted to set this printer as the default printer, leave the default as **No**.

10. Click Next.

The following window appears.



The CSX2000 Color Server network printer is now successfully installed.

11. Click Finish to complete the setup.**12. Repeat the above process to install additional network printers.****To define a CSX2000 Color Server network printer through Network Neighborhood:**

1. Browse your network to the desired 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.

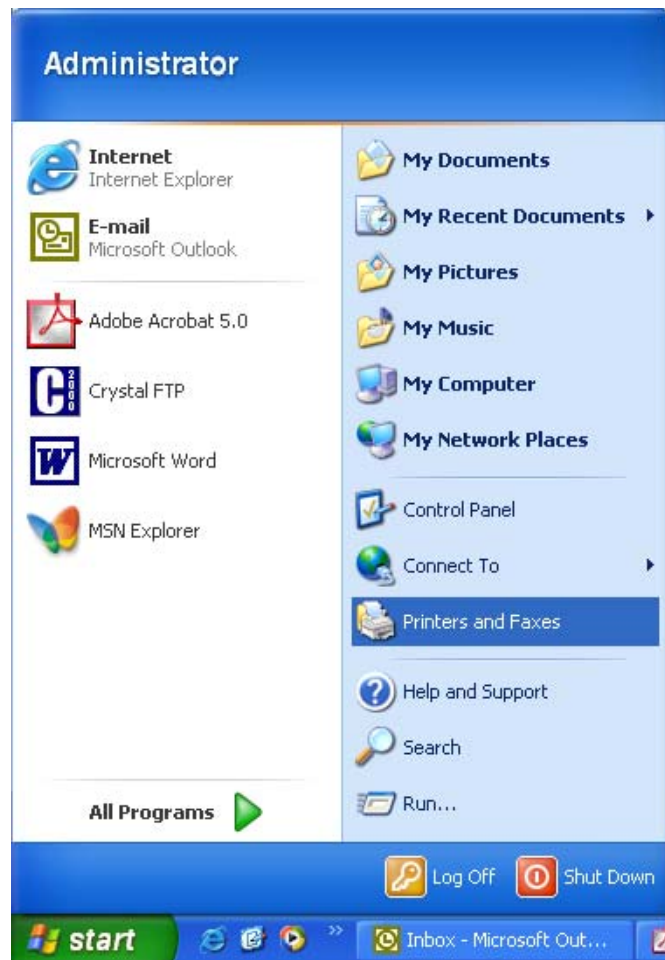
Defining a Printer - WindowsXP



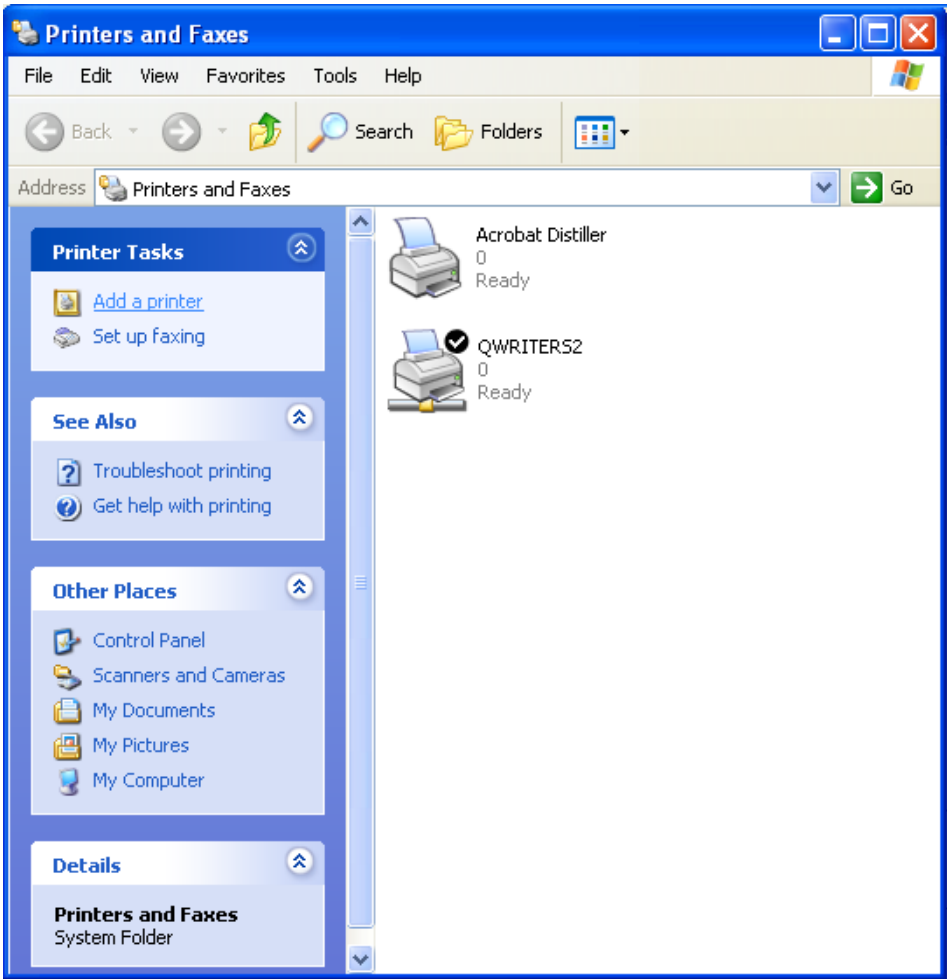
When adding a new CSX2000 Color Server network printer to a client workstation, there is no need to install the CSX2000 Color Server PPD and Adobe PS printer driver separately. They are installed automatically through the Windows Add Printer Wizard.

To define a CSX2000 Color Server network printer through the Windows Add Printer wizard:

1. On your Windows desktop, click the **Start** menu and point to **Printers and Faxes**.

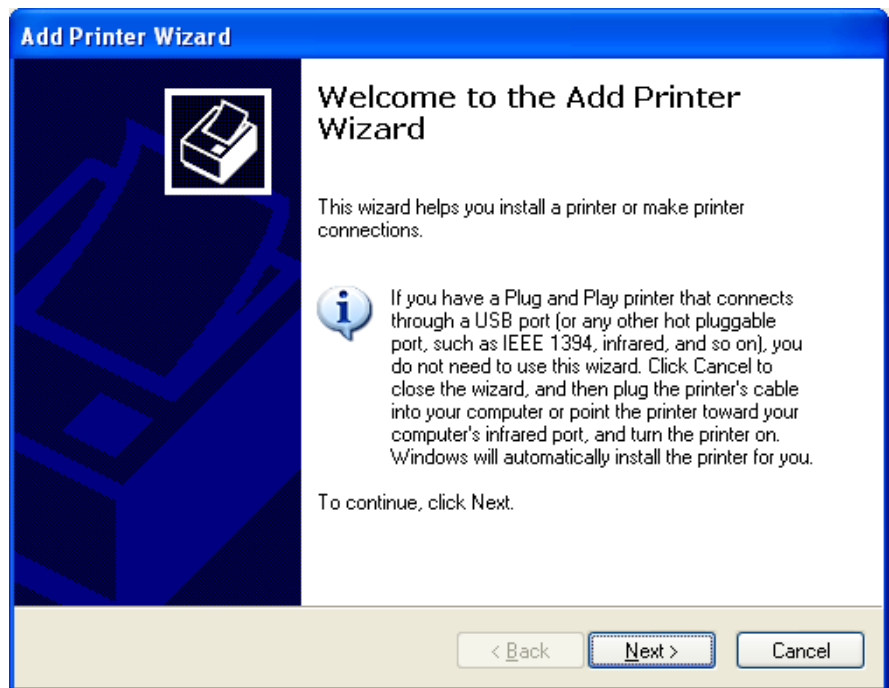


The *Printer and Faxes* window appears.



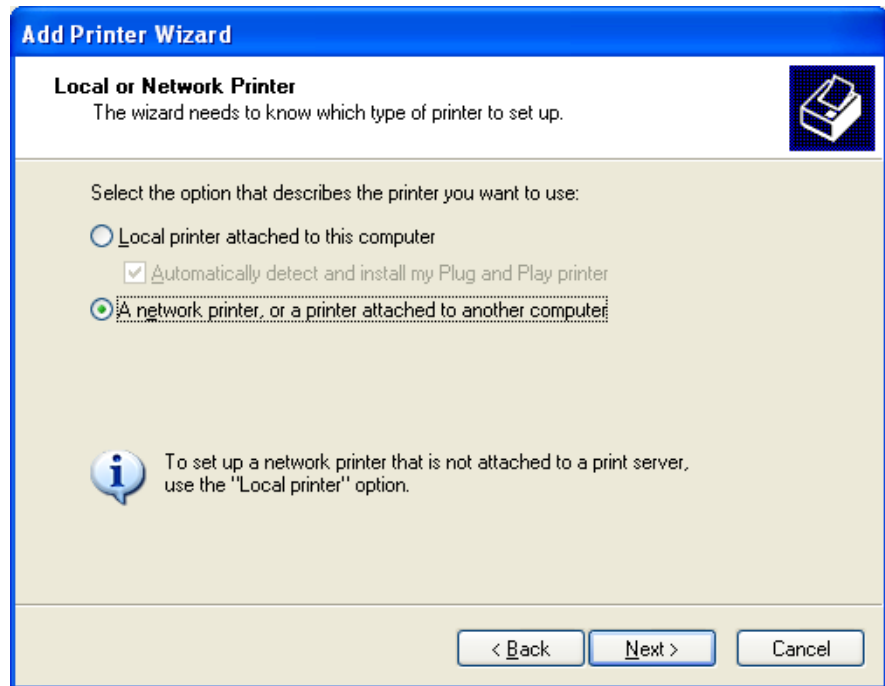
- 2. From the **Printer Tasks**, select **Add a printer**.

The *Add Printer Wizard* appears.



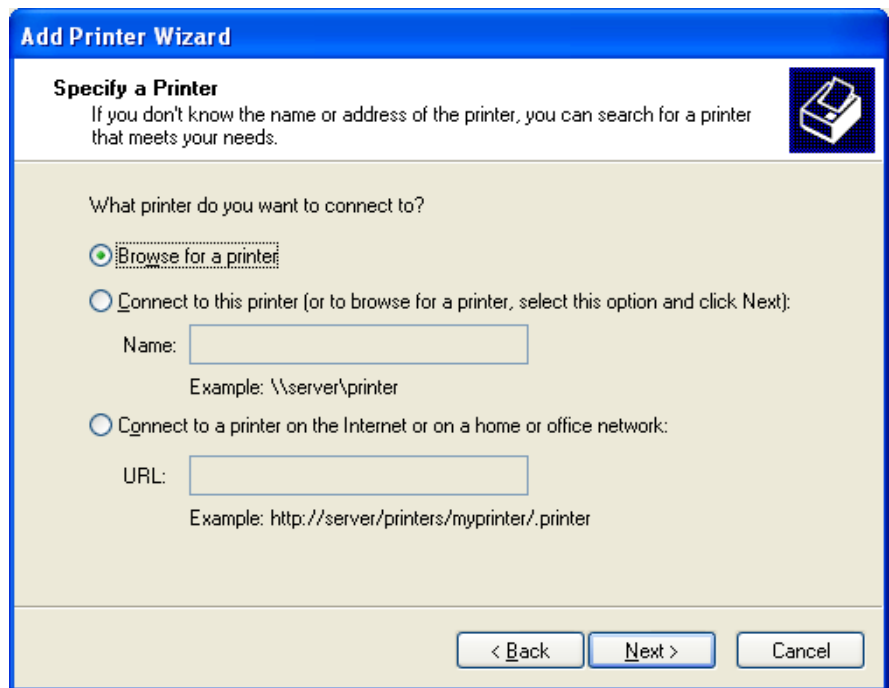
3. Click **Next** to setup one of the default CSX2000 Color Server network printers.

The *Local or Network* window appears.



4. Select **A network printer, or a printer attached to another computer** and then 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 it, a text box says: '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 small icon of a printer. The main area of the window 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):'. Below this option is a text box labeled 'Name:' with the example '\\server\printer'. 3. 'Connect to a printer on the Internet or on a home or office network:'. Below this option is a text box labeled 'URL:' with the example 'http://server/printers/myprinter/.printer'. At the bottom right of the window 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**

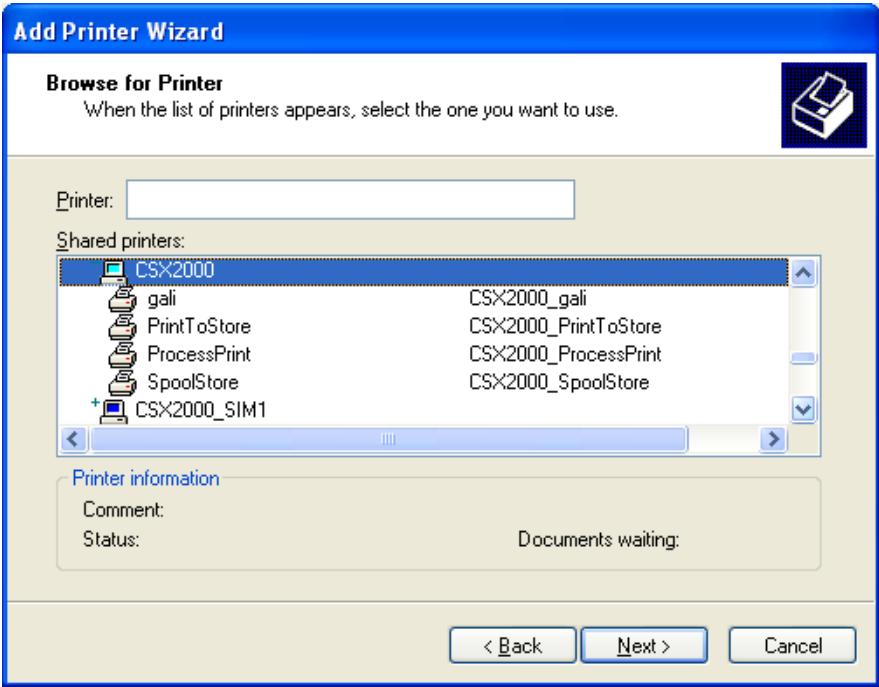
☐ **Connect to this printer (or to browse for a printer, select this option and click Next):**
Name:
Example: \\server\printer

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

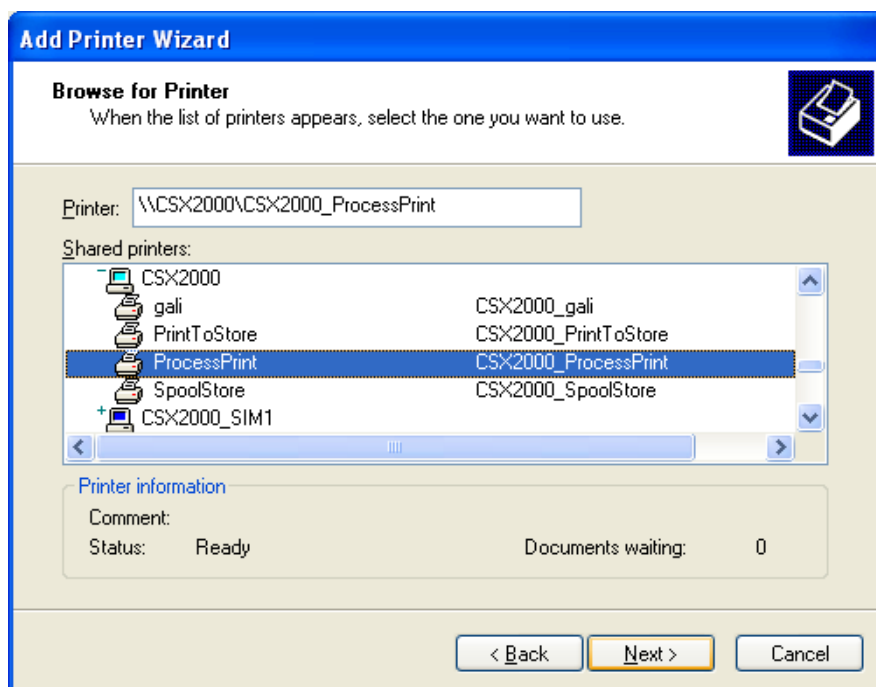
< Back Next > Cancel

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

The *Browse for Printer* window appears.

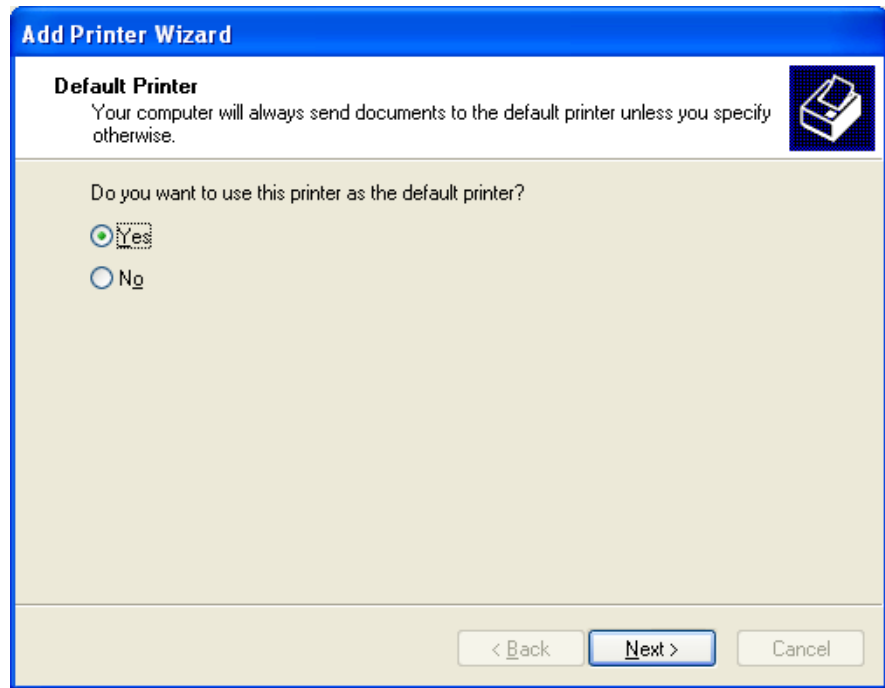


- 6. Browse to the **CSX2000 Color Server** and double-click it to display the list of network printers.



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

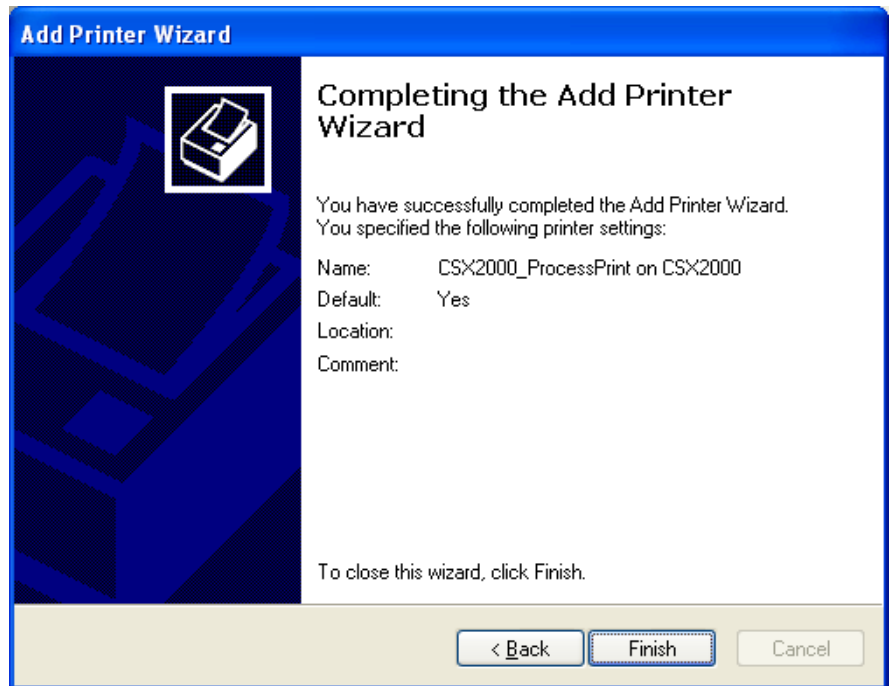
The *Default Printer* window appears.



8. If you would like this printer to be the default printer on your computer, select **Yes**. Otherwise, select **No**.

9. Click **Next**.

The following window appears.



You have now successfully completed setting up one of the CSX2000 Color Server network printers in Windows XP.

10. Click **Finish** to close the wizard.

The CSX2000 Color Server network printer is added to your printer list.

To define a CSX2000 Color Server network printer in WindowsXP through the Network:

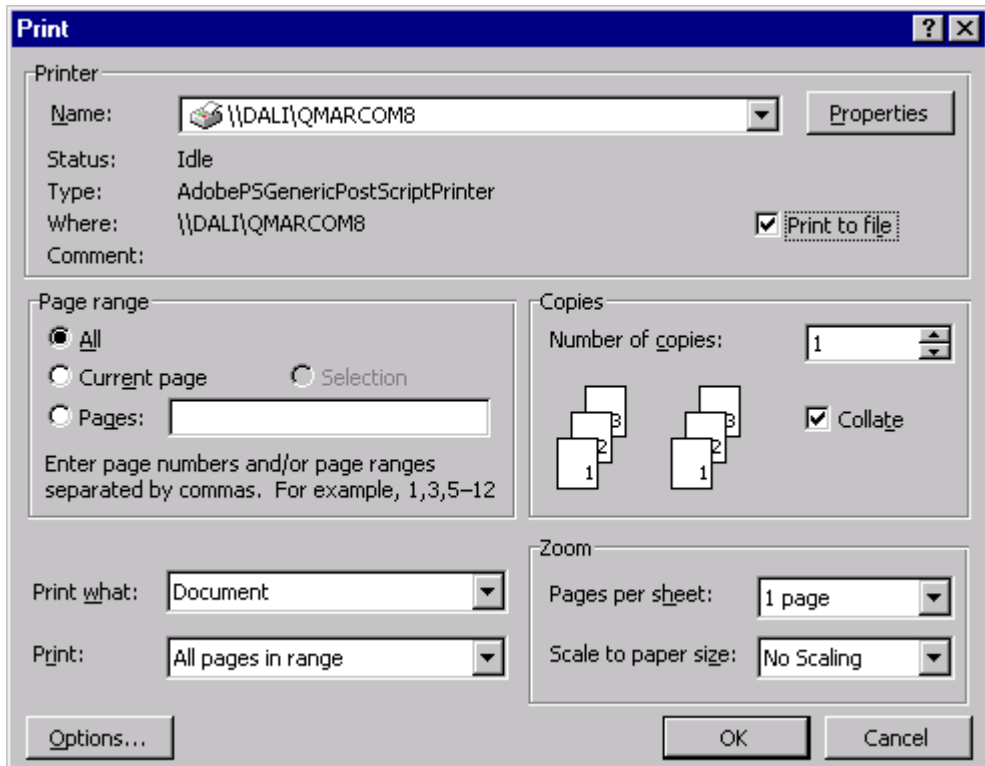
1. Browse your network to the desired network printer.
2. Double-click on the network printer icon.
The network printer is defined on your PC client workstation.
3. Repeat the above process to install additional network printers.

Creating PostScript Files on the PC

The following procedures describes how to create PostScript files using the CSX2000 from the client workstation. This is useful when you are not connected to the CSX2000 Color Server and you need to distribute jobs for printing on the CSX2000 remotely or on external media. These file can then be imported to the CSX2000 Color Server for printing.

To Create a PostScript File:

1. In your application (for example, MS Word), select **Print**.
2. In the *Print* window of your software application, select **Print to File**.



Print to File from MS Word.

3. Click **Print.**

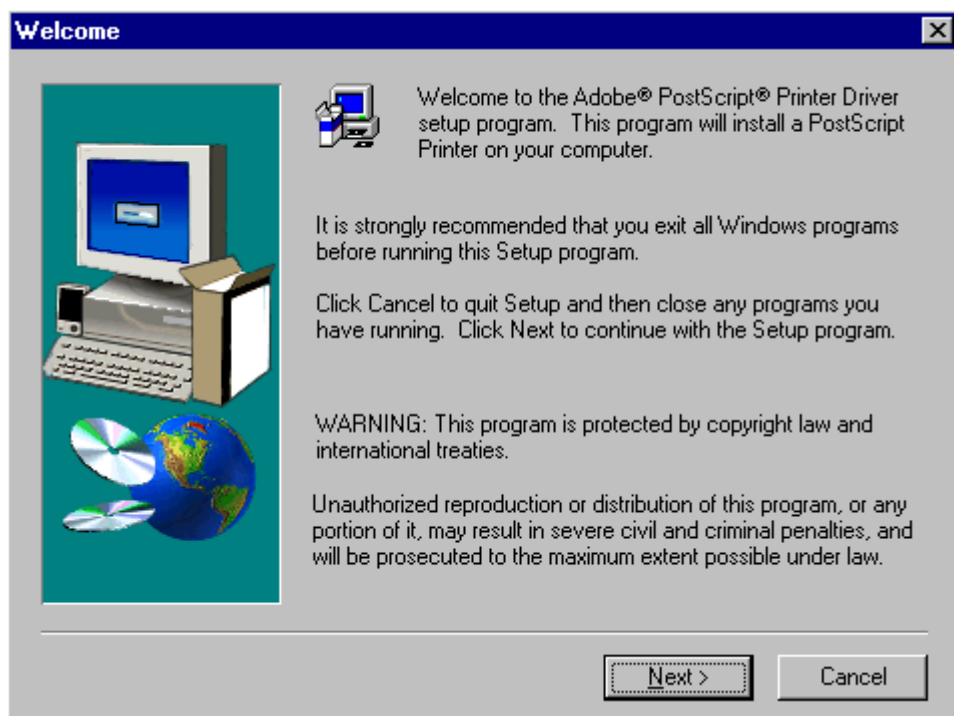
A PostScript file has now been created.

To define a Print to File printer locally:

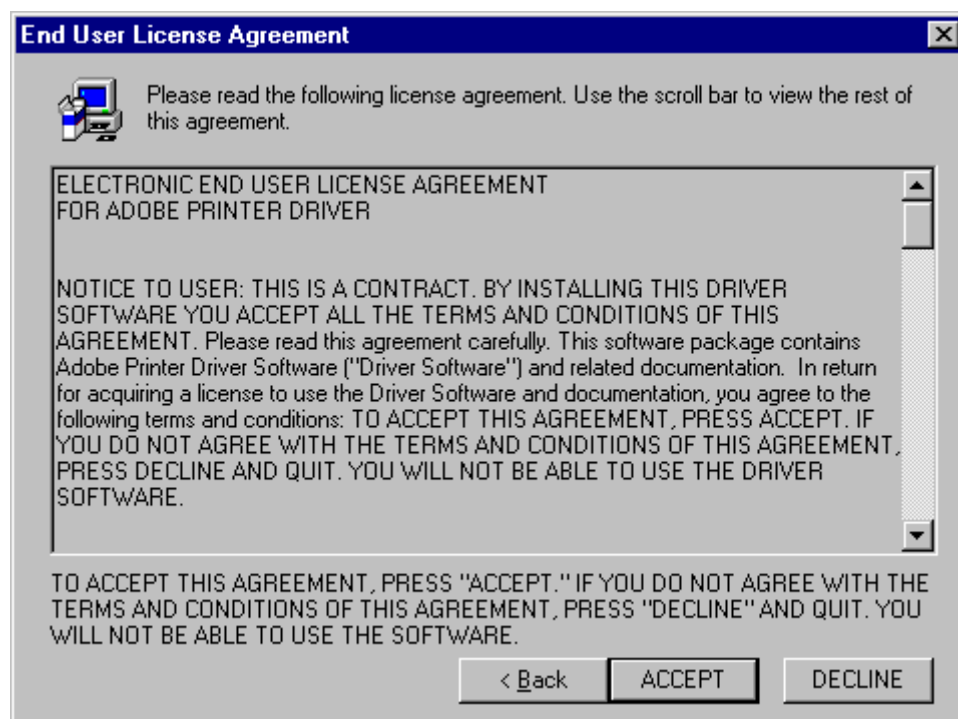
1. Launch the Adobe PostScript Driver application (The application is found on CD#3 in the Utilities folder, or at Adobe's Web site at www.adobe.com).



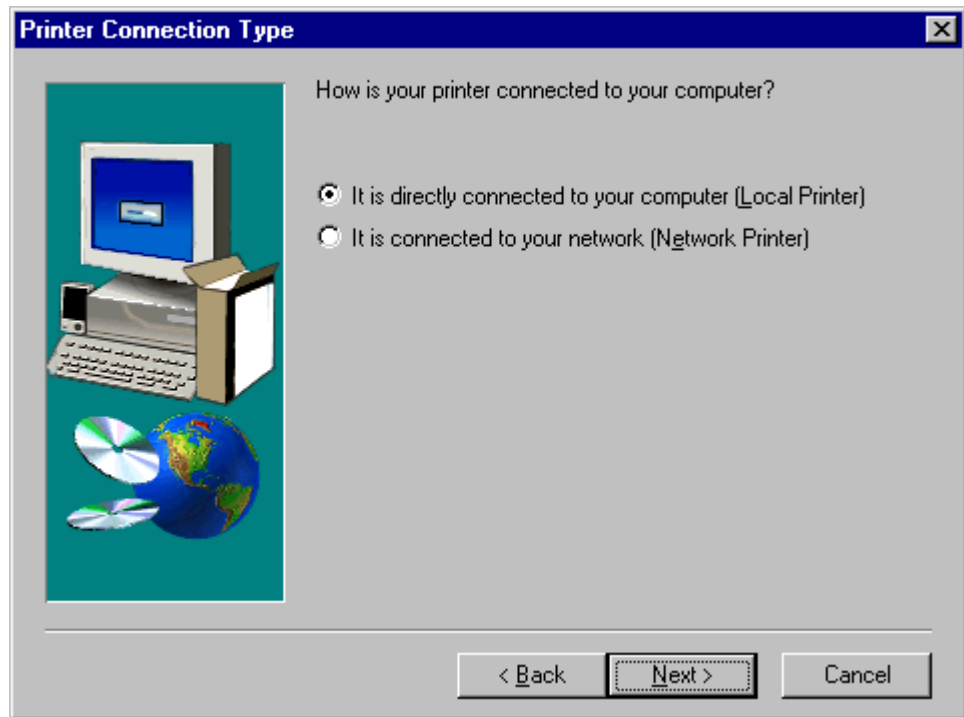
2. When the *Welcome* message appears on the screen click **Next**.



3. Click **Accept** to accept the license agreement (read license agreement first).

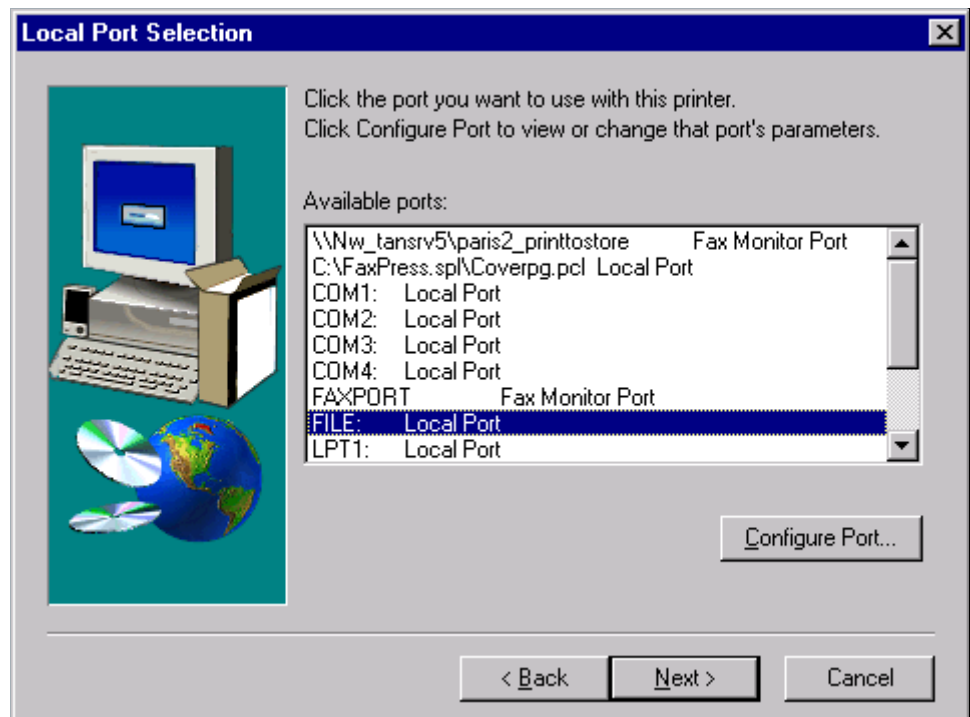


The following window appears.



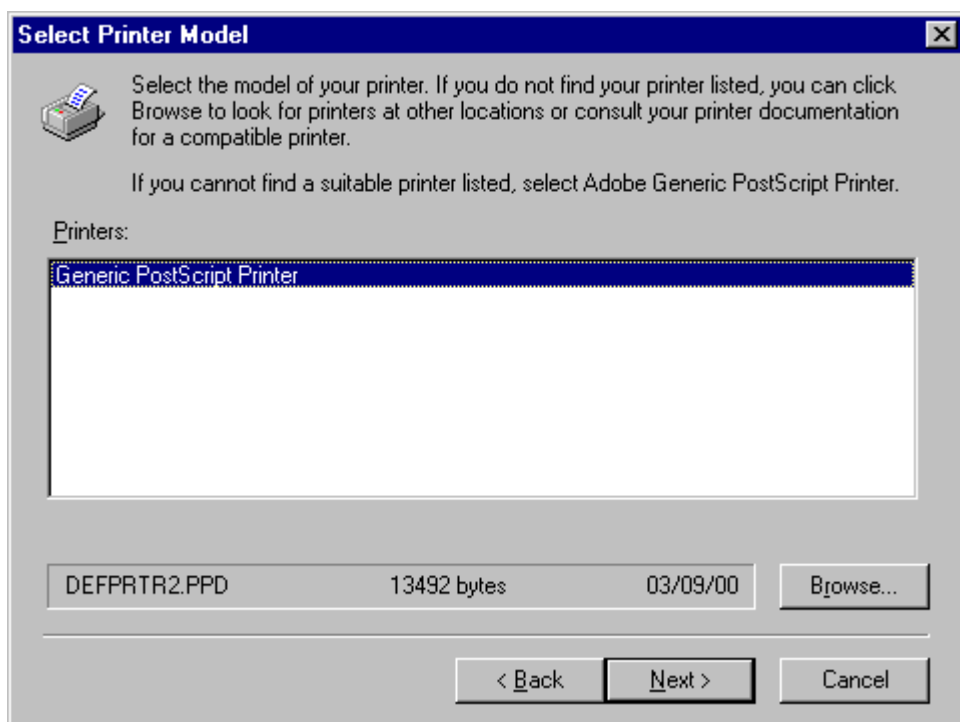
4. Select **It is directly connected to your computer (Local Printer)**, then click **Next**.

The following window appears.



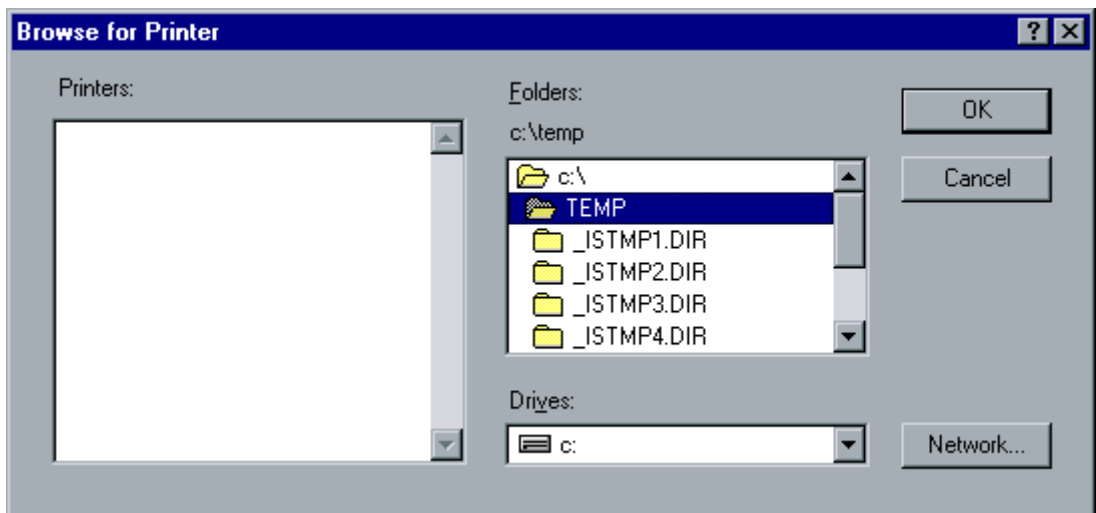
5. Select the **FILE: Local Port** and then click **Next**.

The following window appears.



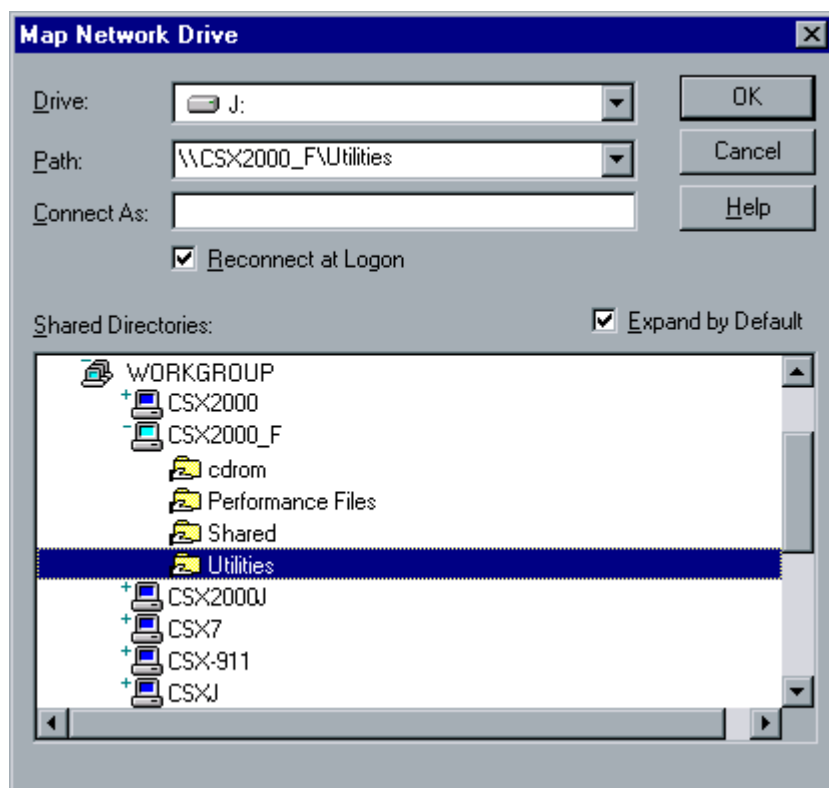
6. The next step is to configure the printer with the CSX2000 Color Server PPD. The CSX2000 Color Server PPD (CSX2K2_0.ppd) is located in a shared folder on the CSX2000 Color Server. Click **Browse**.

The following window appears.



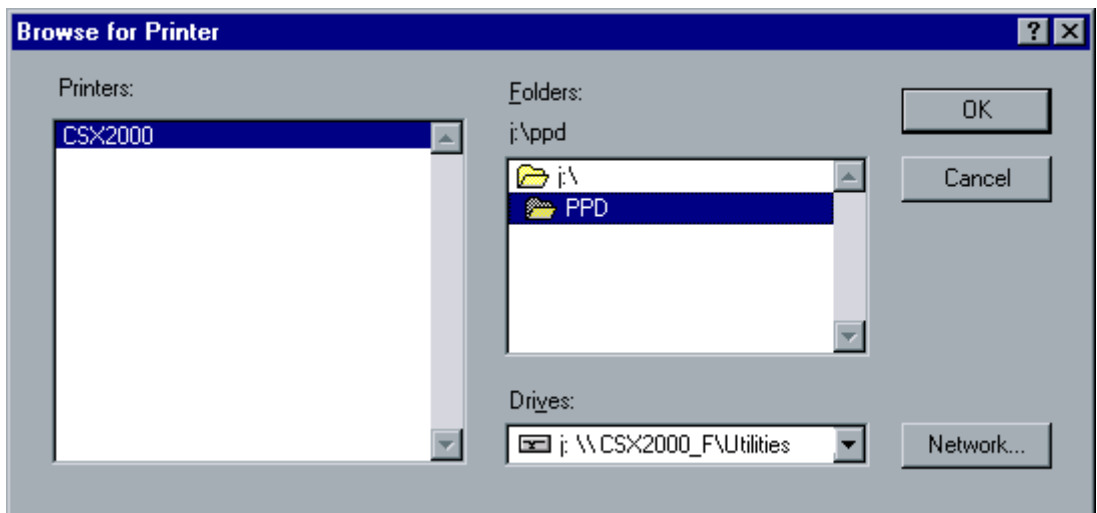
7. Click the **Network** button and browse to your CSX2000 Color Server.

The following window appears.



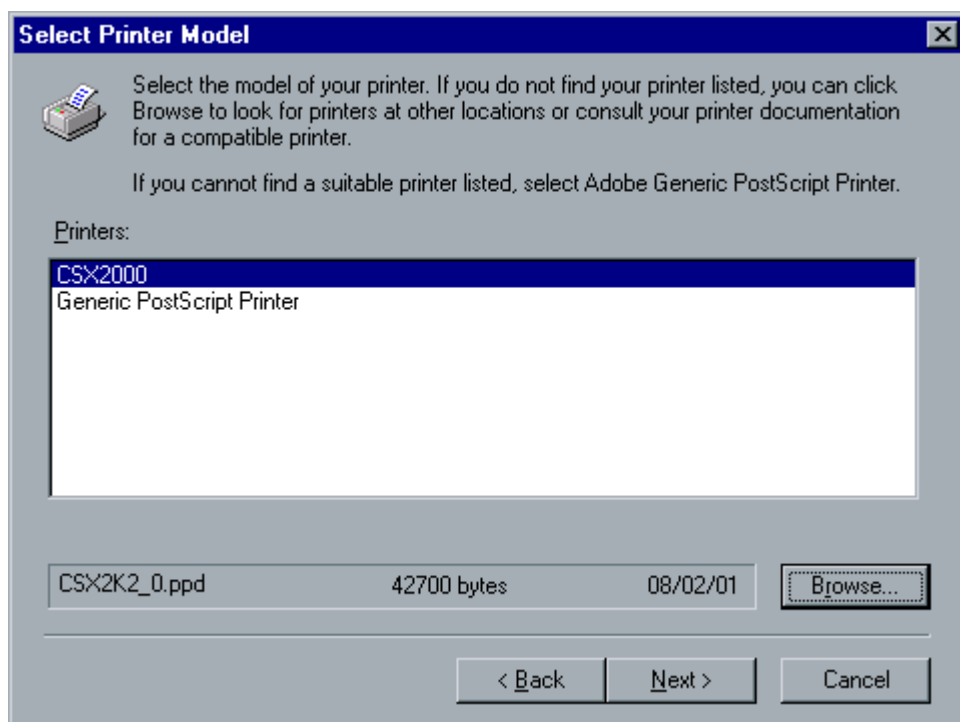
8. Once you have located the CSX2000 Color Server, double click on the server icon and then double click on the **Utilities** folder. Click **OK** when you are done.

The following window appears.



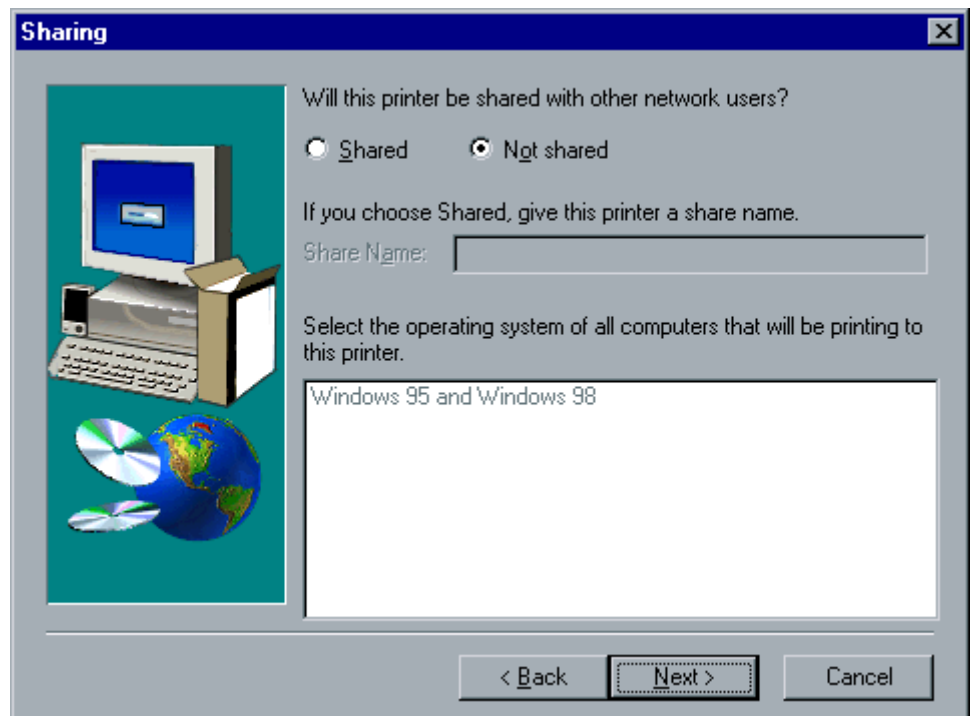
9. Double click on the PPD folder and then select the CSX2000 Color Server PPD (CSX2K2_0.ppd).
10. Click **OK**.

The following dialog box appears.



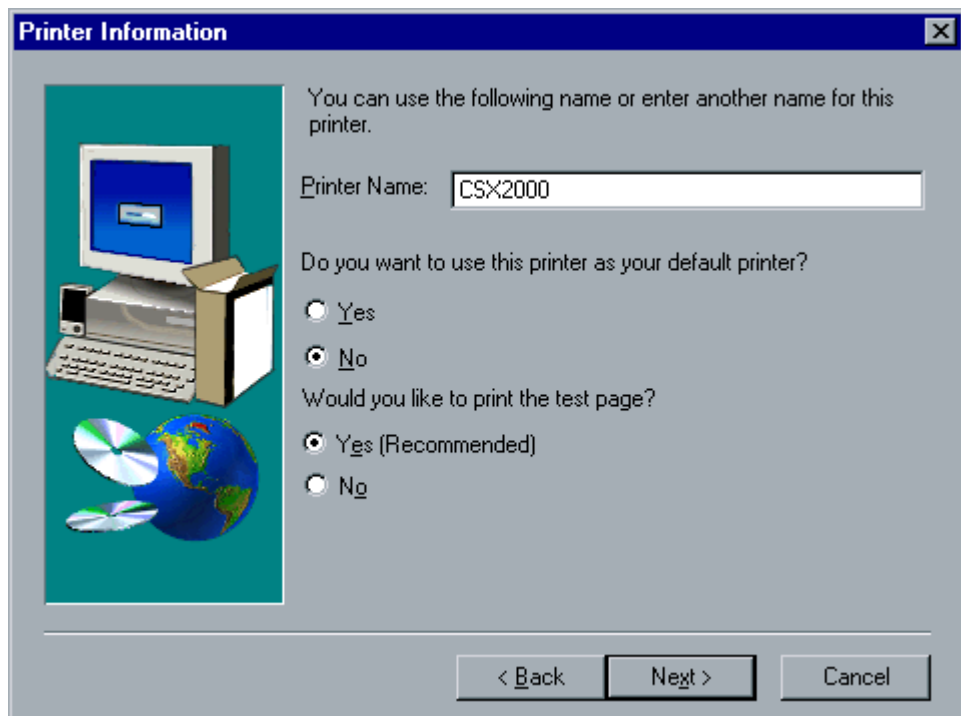
11. In the list of Printer Models select the CSX2000 Color Server PPD (CSX2K2_0.ppd), that you just added and then click **Next**.

The following window appears.



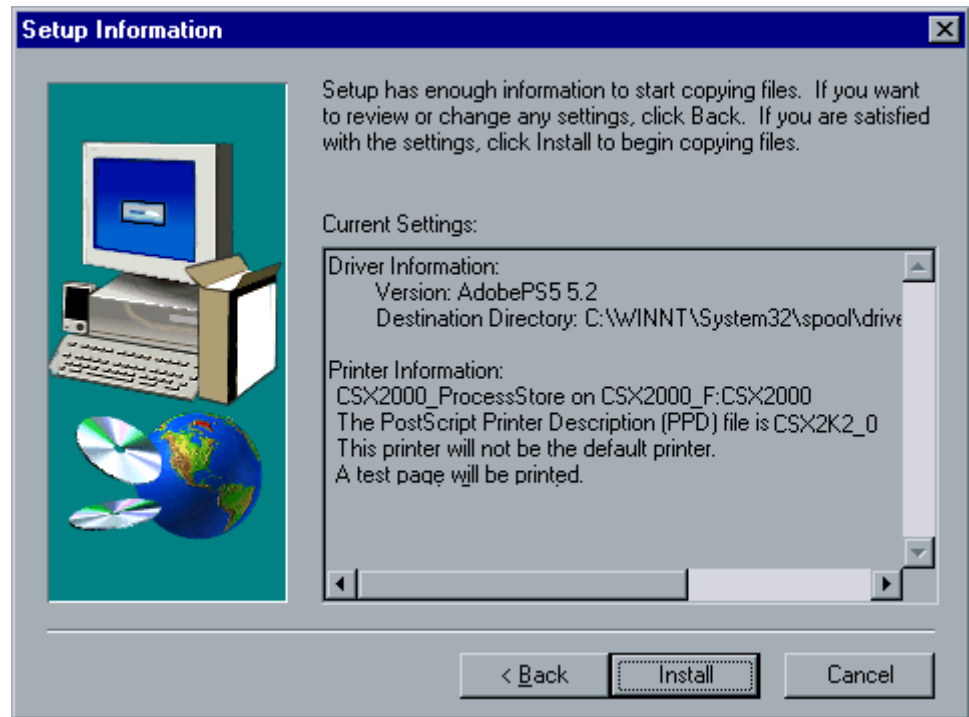
12. Select Not Shared and then click Next.

The following window appears.



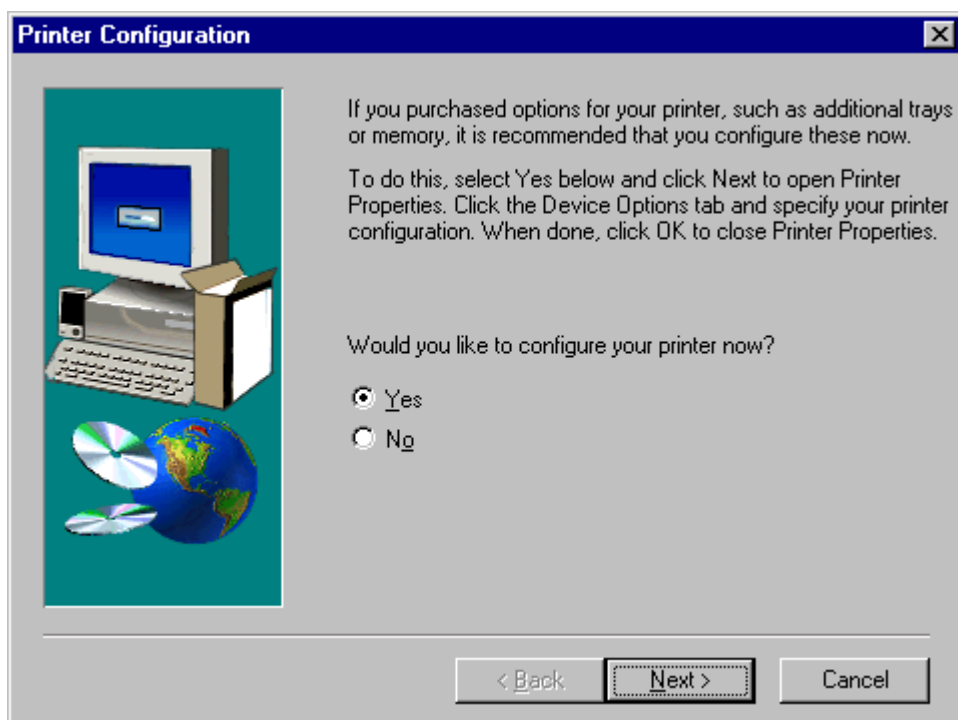
13. Type a name for the printer which you will be able to identify on the client workstation, for example CSX2000. Select **Yes** if you want to print a test page (recommended) or select **No**, then click **Next**.

The following window appears.



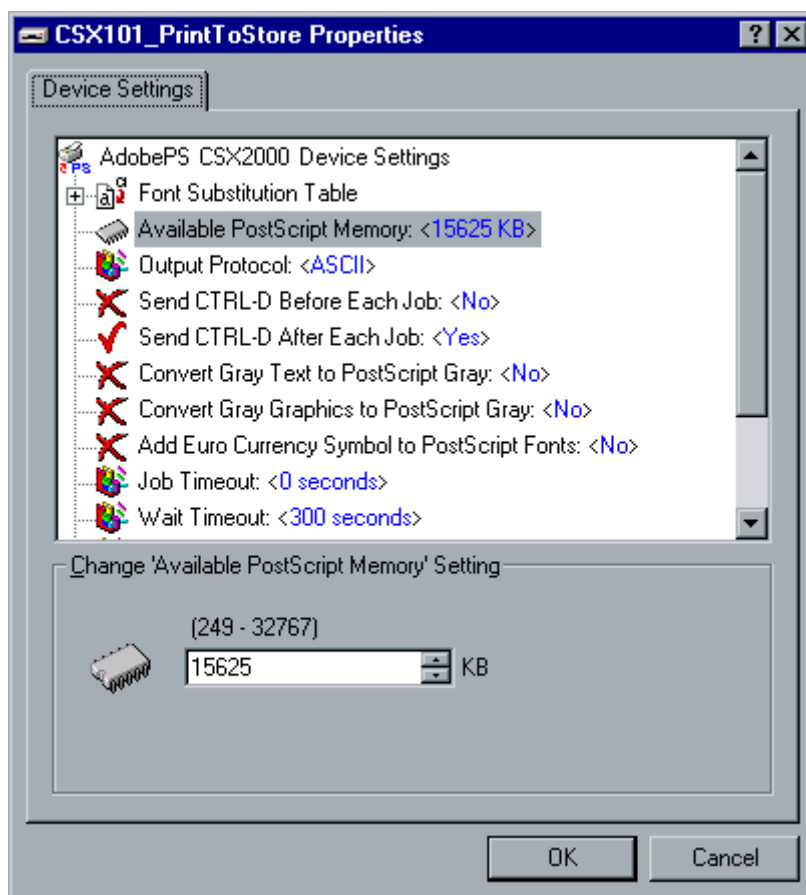
14. Click **Install** to install the Print to file printer with the CSX2000 Color Server PPD. When prompted to configure the printer, click **Yes** and then click **Next**.

The following window appears.



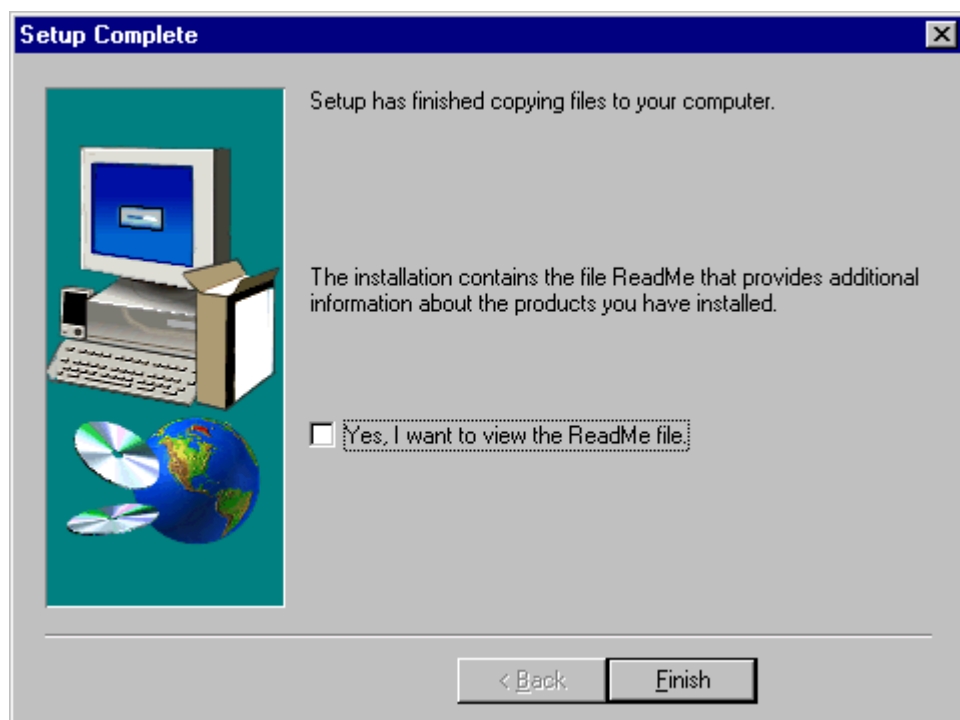
15. Click Yes.

The following dialog box appears.



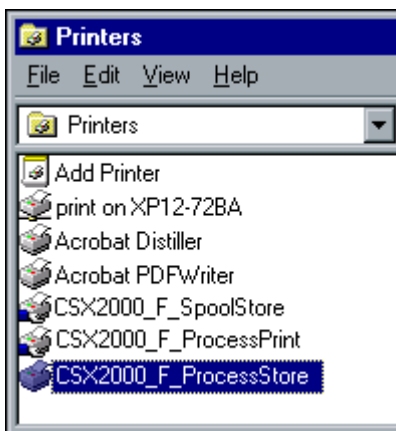
16. Configure the printer according to your specifications and then click **OK**.

The following window appears.



17. Click **Finish to complete the setup.**

The printer now appears in the *Printers* window.



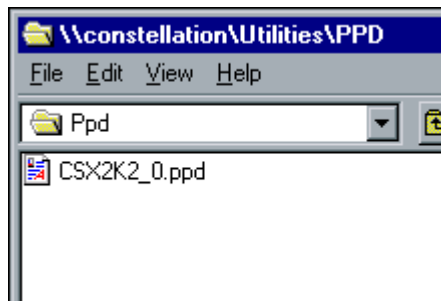
You are now ready to print *.ps and *.prn files. Once printed, these files can be imported and printed on the CSX2000 Color Server.

Copying PPD from PC

It is necessary to use the CSX2000 Color Server PPD to create PS files to send to the CSX2000 Color Server. The CSX2000 Color Server PPD should therefore be copied and distributed to the customer.

To copy the PPD from the CSX2000 Color Server for distribution on a diskette or by e-mail:

1. Double-click the **Network Neighborhood** icon on the desktop.
2. Browse to the location of the CSX2000 Color Server station (for example, CSX2000).
3. Select the CSX2000 Color Server and its **Utilities** folder.
4. Select the **PPD** folder.



5. Copy the **CSX2k2_0.ppd** file to a diskette or send it by e-mail to the customer.

Defining a Printer on Macintosh Client Workstations

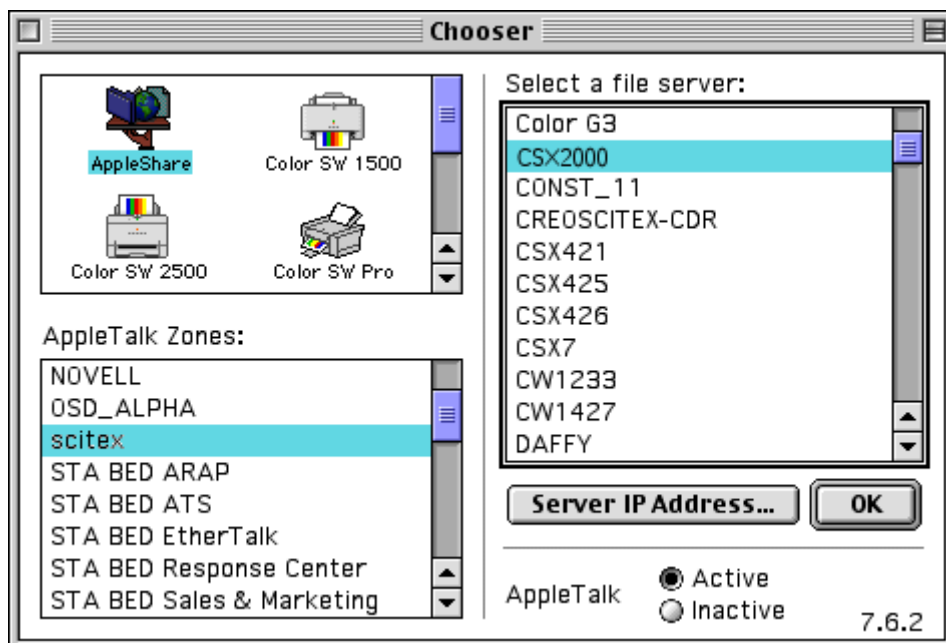
The CSX2000 Color Server can print to the following client workstation running: Macintosh OS 9 and OS X (10.1).

Before setting up a CSX2000 Color Server network printer, you need to install the CSX2000 Color Server PPD on the Macintosh workstation.

Defining a Printer - Macintosh OS 9

To copy the **CSX2000 PPD**:

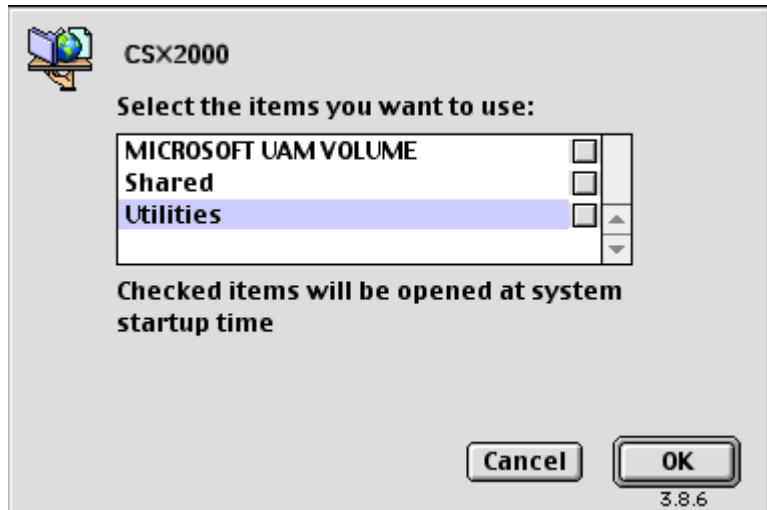
1. From the **Apple** menu, select **Chooser**.
2. Select **AppleShare** and browse the network to where the CSX2000 Color Server is configured.
3. Select the CSX2000 Color Server (for example, CSX2000) and click **OK**.



4. Log in as "Guest" and click **Connect**.
5. Select the **Utilities** folder and click **OK**.



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



6. Select the **Utilities** volume located on the desktop.

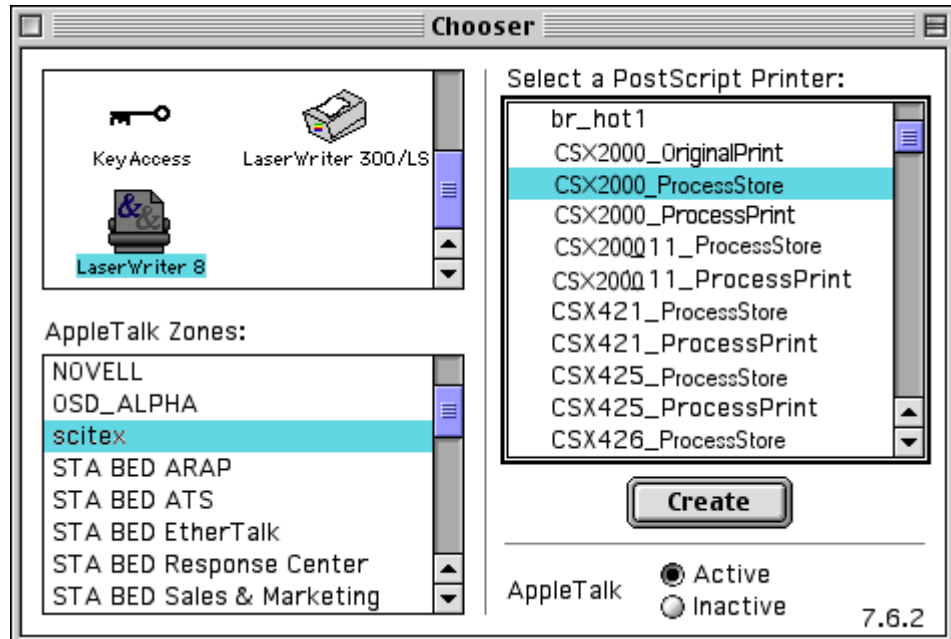
7. Select the **PPD** folder.



8. Copy the **CSX2K2_0.ppd** file to the *System Folder*>**Extensions** **Printer Descriptions** folder.
The CSX2000 Color Server PPD is now installed in the **Printer Descriptions** folder. It is ready to be configured with one of the CSX2000 Color Server's network printers.

To set up a CSX2000 Color Server network printer on Macintosh OS 9:

1. From the **Apple** menu, select **Chooser**.
2. Select **LaserWriter** and browse the network to where the CSX2000 Color Server is configured.

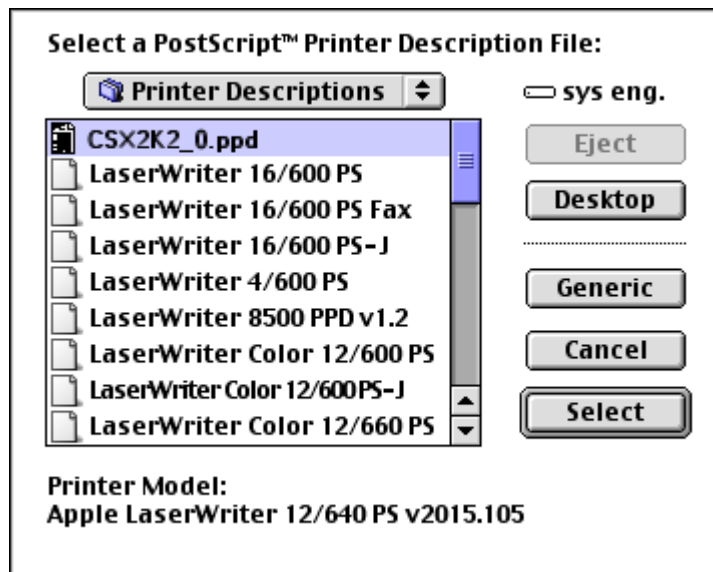


3. Select one of the CSX2000 Color Server's network printers (for example, CSX2000_ProcessStore) and click **Create**. The following window appears.

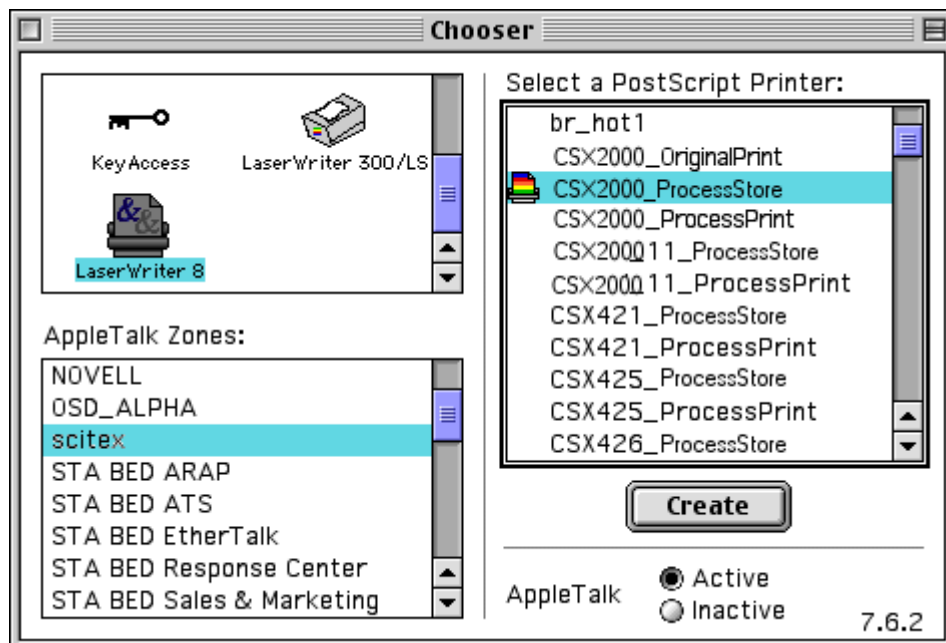


4. The system should automatically locate the CSX2000 PPD and configure the printer. If it does not, click **Select PPD**.

5. From the list of Printer Descriptions, select **CSX2K2_0.ppd**. Click **Select**.



The printer is now a CSX2000 Color Server network printer, and is set up on the Macintosh workstation.



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



This icon can be used when downloading PS files to the CSX2000 Color Server.

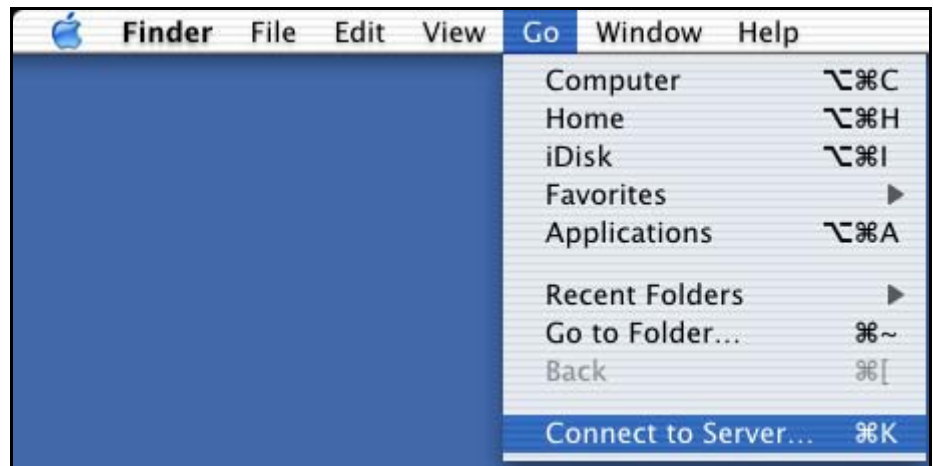
6. Repeat the above process to install additional printers.

Defining a Printer - Macintosh OS X (10.1)

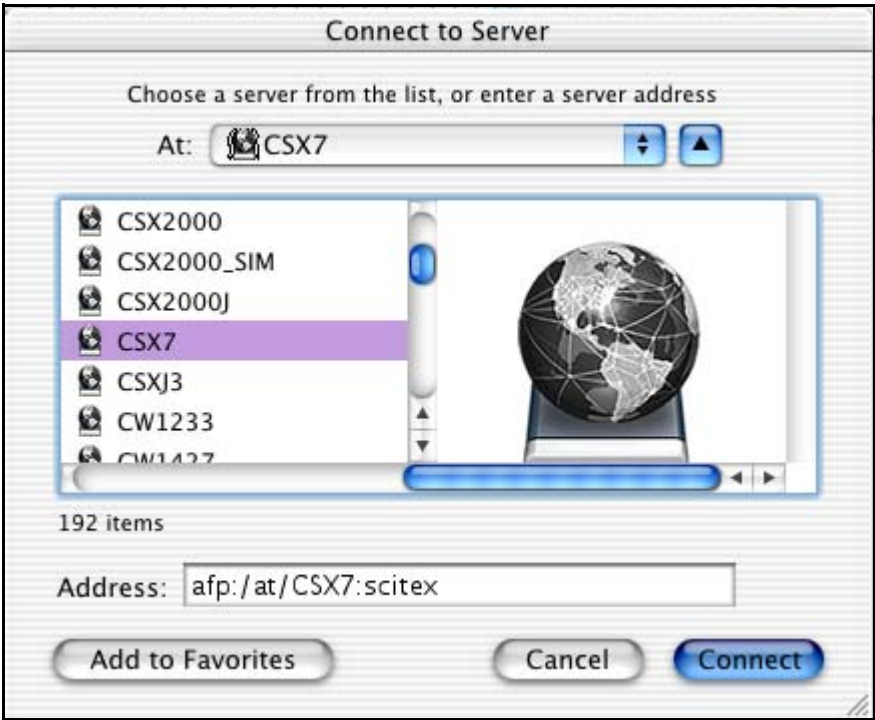
Before you begin you need to install the CSX2000 Color Server PPD to your Macintosh. The following procedure describes the recommended location where to copy the CSX2000 PPD, however it can be copied to any folder on your Macintosh.

To copy the CSX2000 PPD:

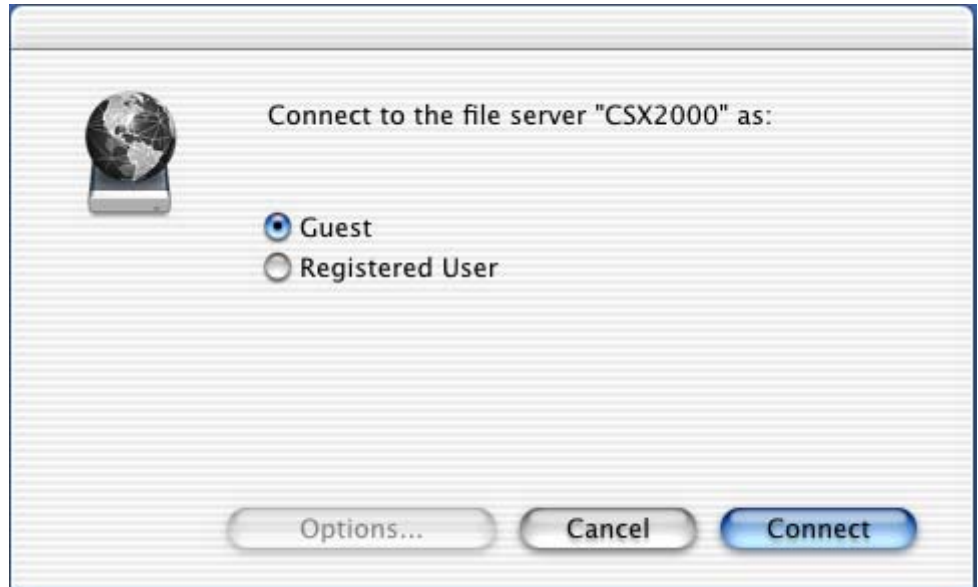
1. From the **Go** menu, select **Connect to Server**.



The *Connect to Server* dialog box appears.

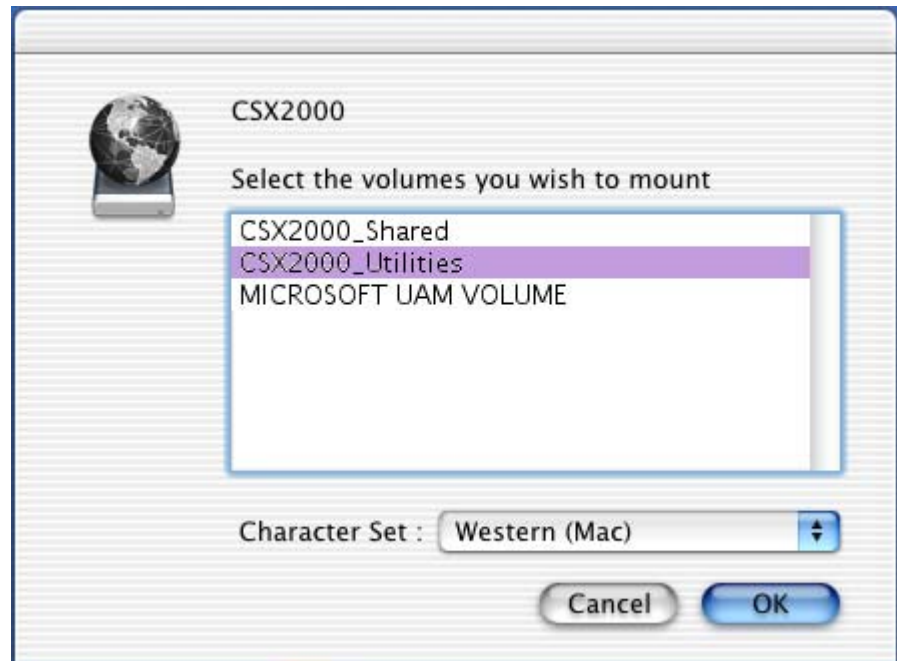


2. Browse the network and select the required CSX2000 Color Server.
3. Click the **Connect** button.
The *Login* dialog box appears.



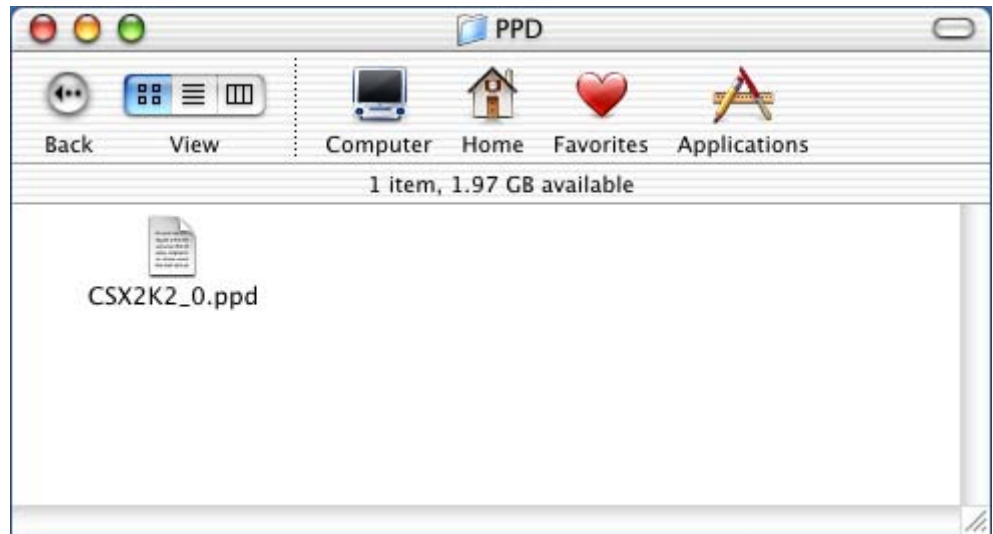
4. Select **Guest** and then click the **Connect** button.

The following dialog box appears.

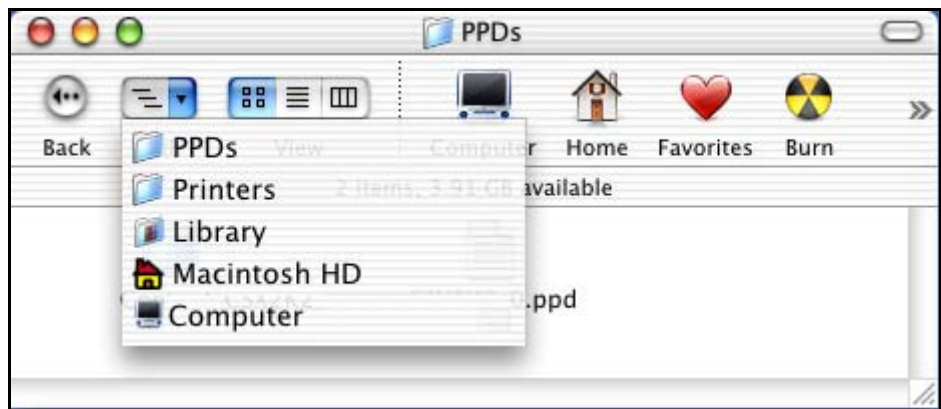


5. Select the **CSX_Uutilities** folder and then click **OK**.
The **CSX_Uutilities** folder is mounted on your desktop.
6. Double-click the **CSX_Uutilities** folder on your desktop.

7. Then double-click the **PPD** folder.

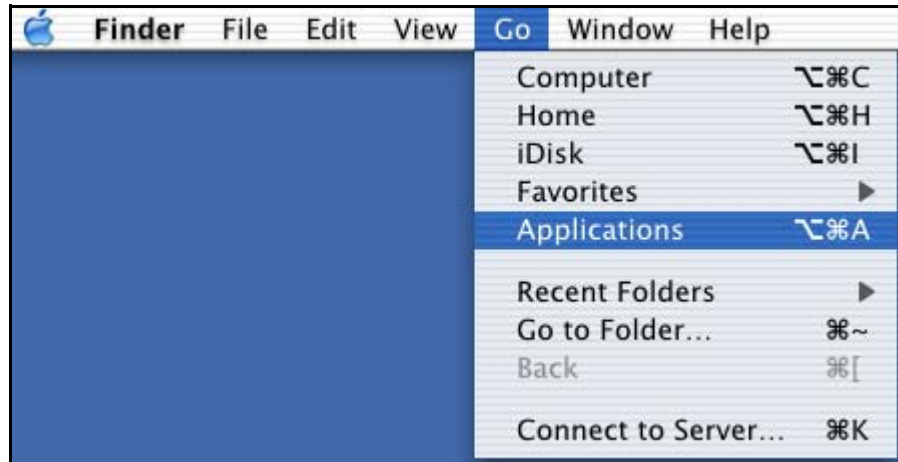


8. Copy the **CSX2K2_0.ppd** from the CSX2000 Color Server to your Macintosh hard disk. It is recommended to copy it by dragging and dropping from the CSX2000 Color Server to the **Library>Printers>PPDs** folder on your Macintosh.



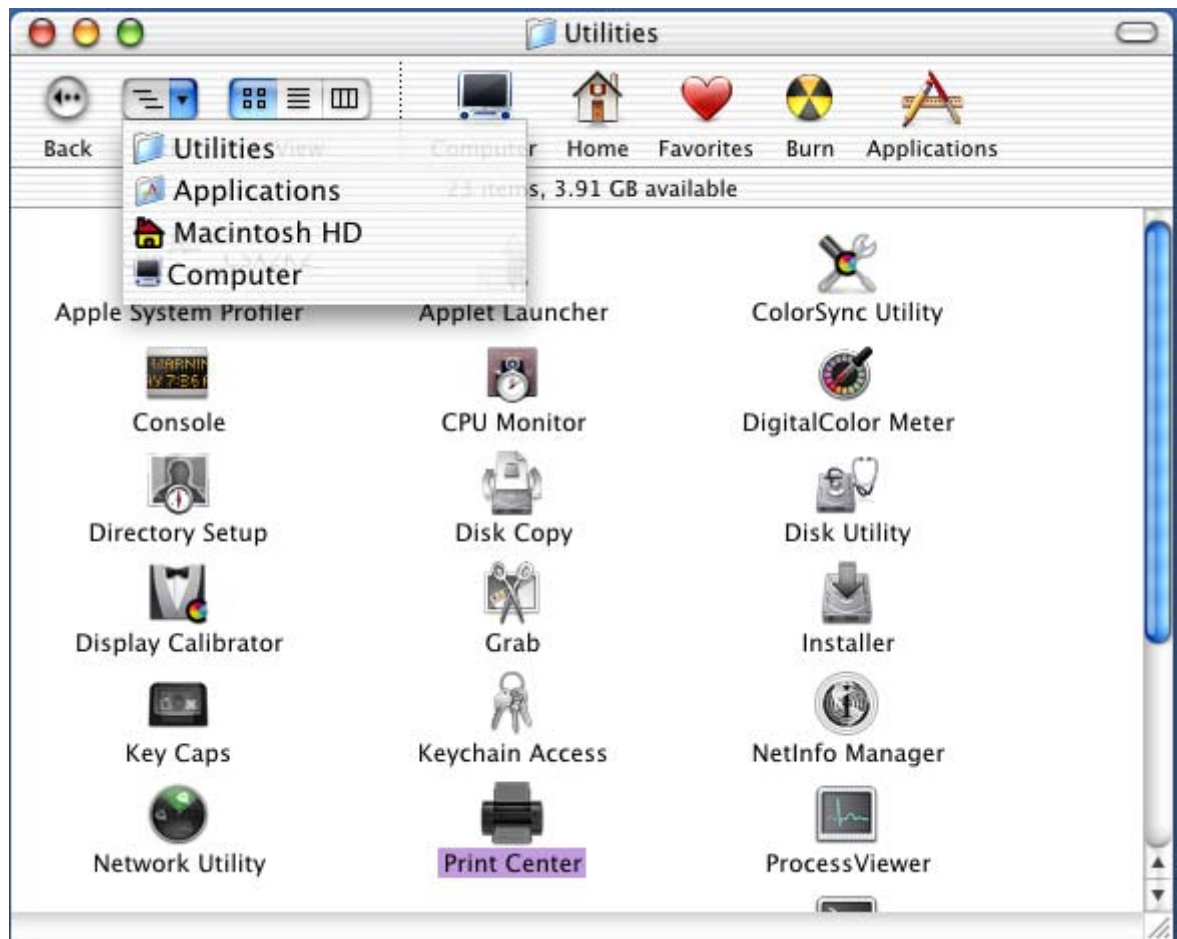
To set up a CSX2000 Color Server network printer on Macintosh OS X:

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

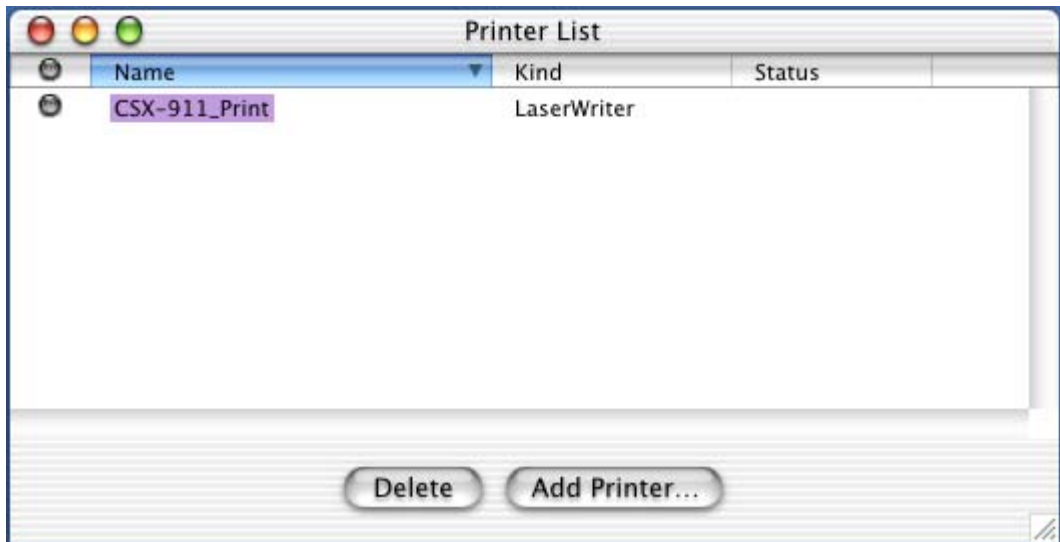


2. Open the **Utilities** folder.

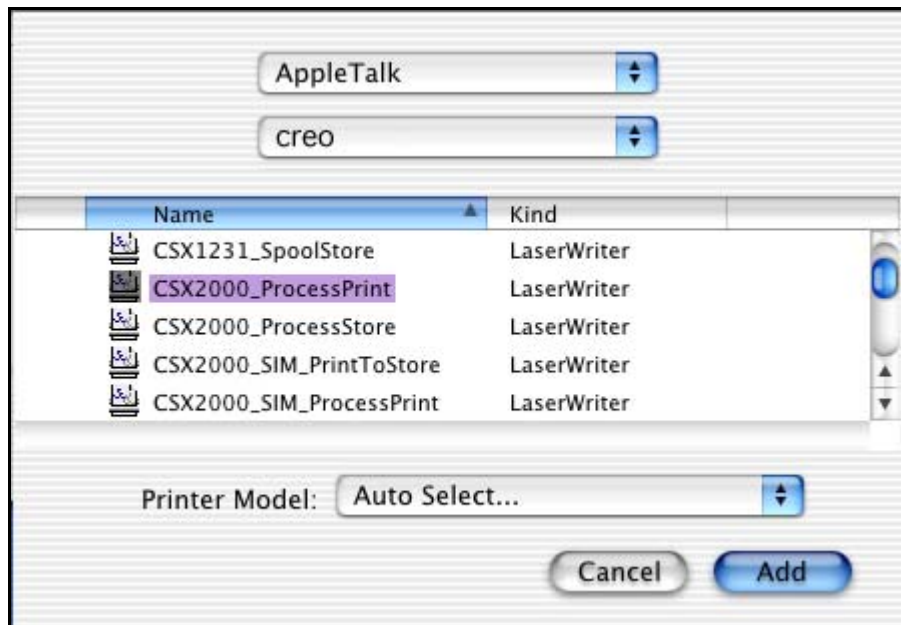
3. Double-click the **Printer Center** icon.



The *Printer List* window appears.



4. Click the **Add Printer** button.
The following dialog box appears.

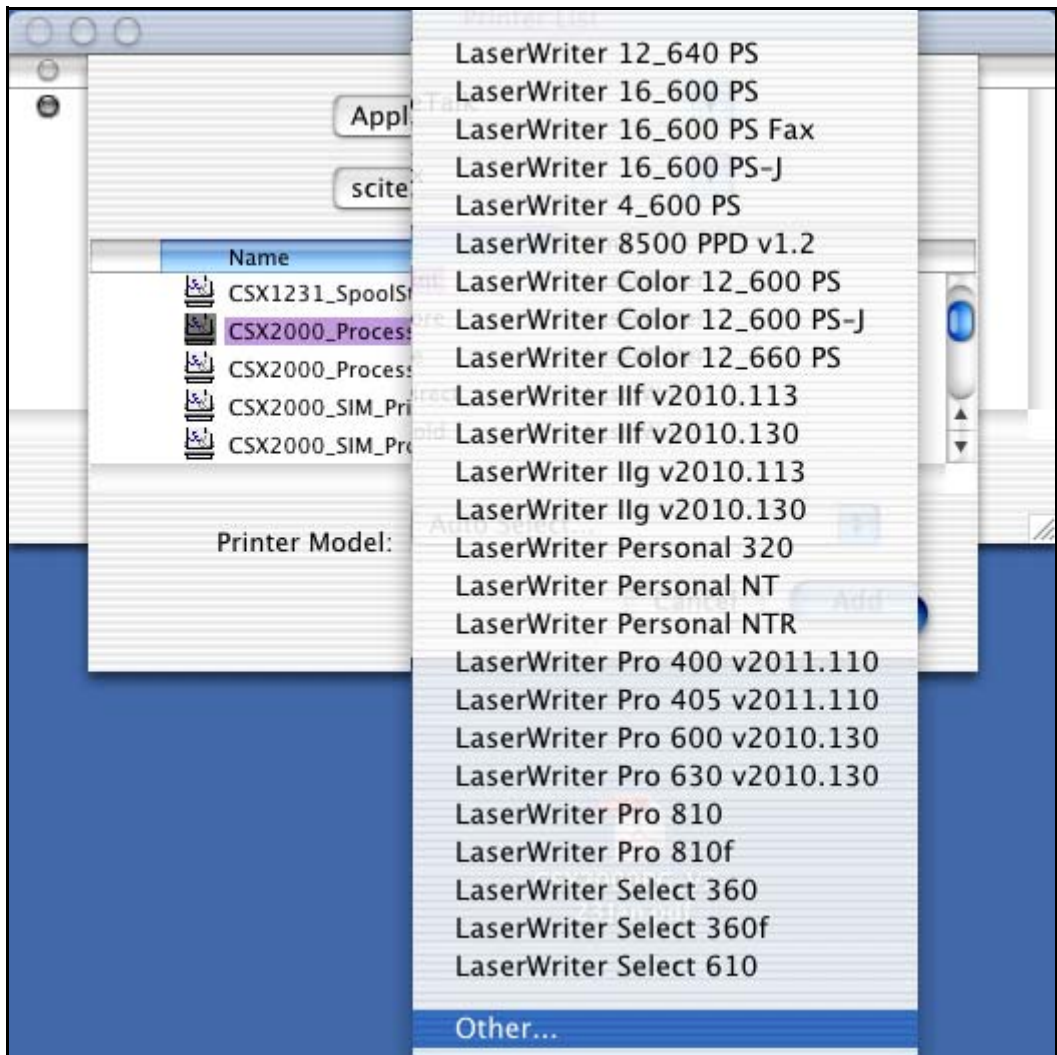


5. Select **AppleTalk** as the connection type.

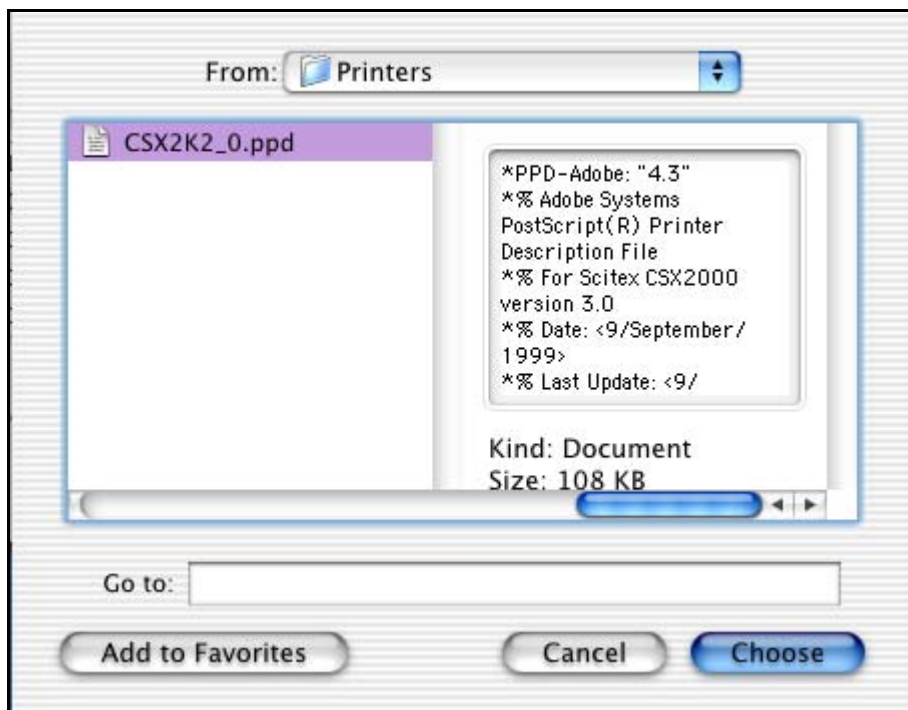


If you would like to use the LPR protocol instead, refer to "To Configure an LPR Printer" on page 98.

6. Browse the network to the location where the CSX2000 Color Server is located, and then select the CSX2000 Color Server printer.
7. Click the **Printer Model** pop-up menu and select **Other...**

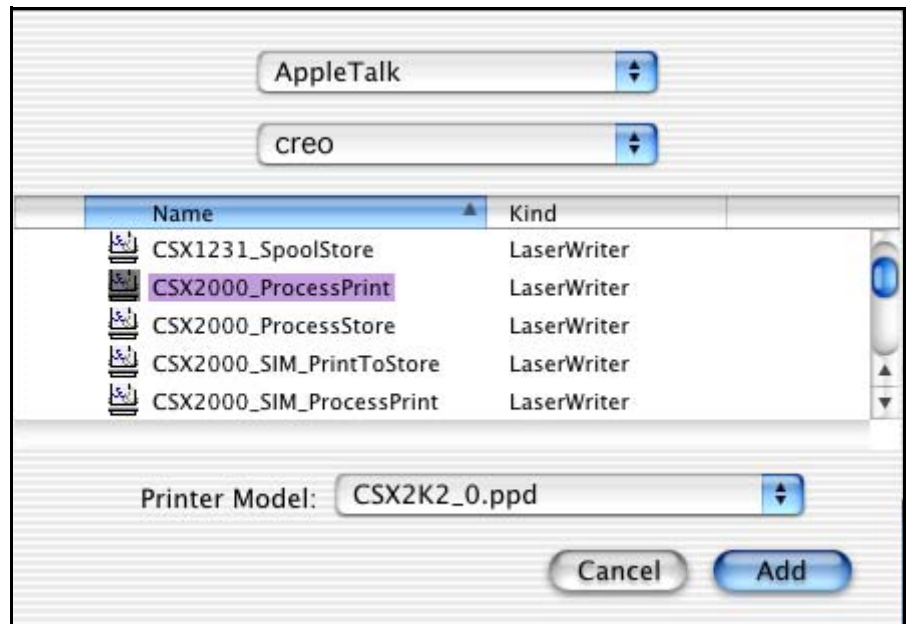


8. Browse to the folder to which you have copied the CSX2000.PPD and then select the **CSX2K2_0.ppd**.

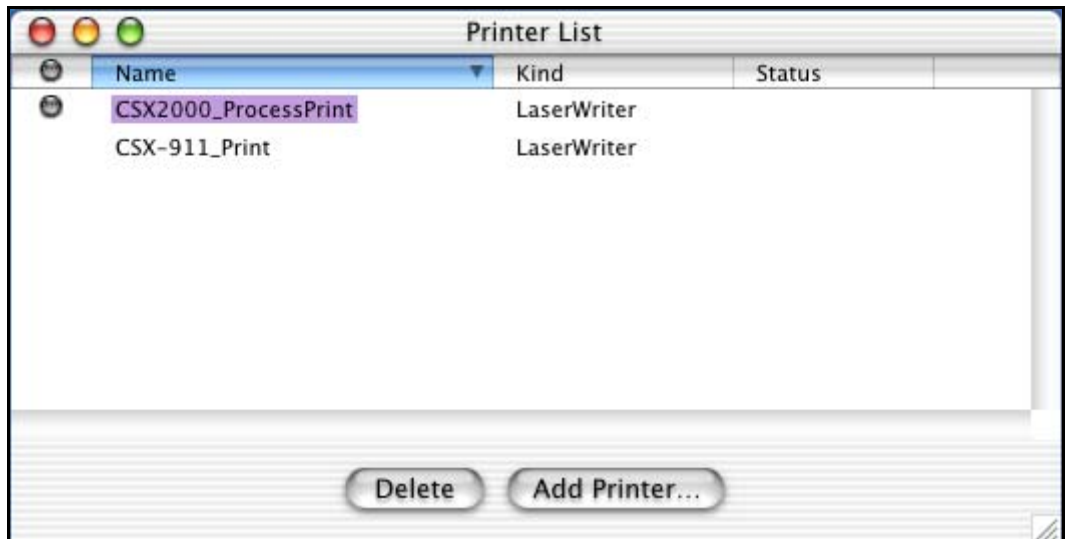


9. Click the **Choose** button to assign the **CSX2K2_0.ppd** to the selected CSX2000 Color Server network printer.

The following dialog box appears.

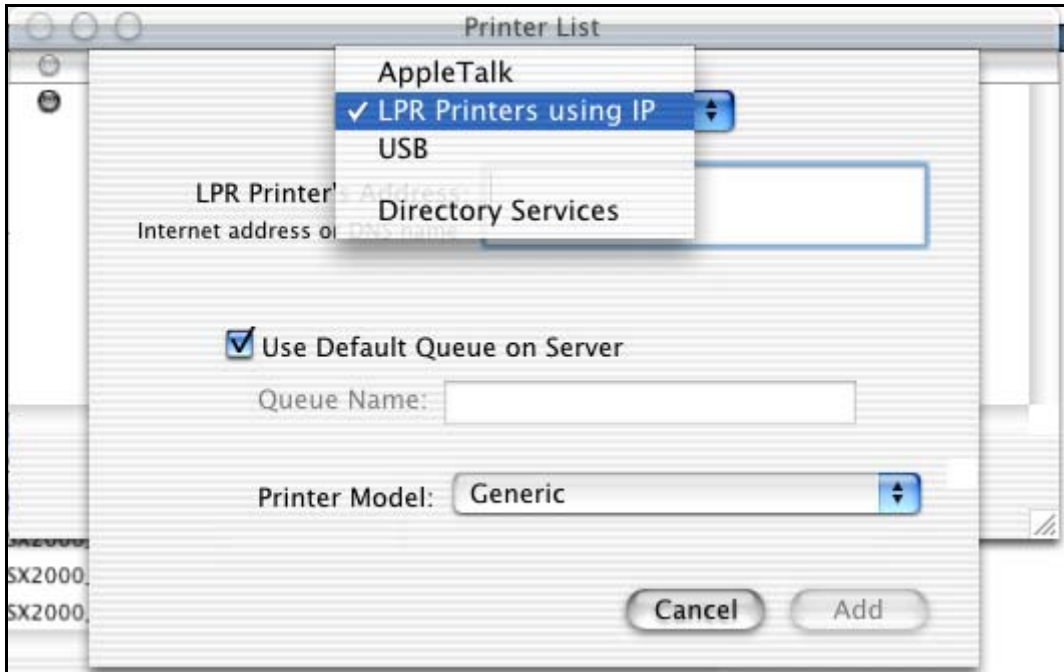


10. Click the **Add** button to add the new printer to the **Printer List**.
The new printer is displayed in the *Printer List* window.

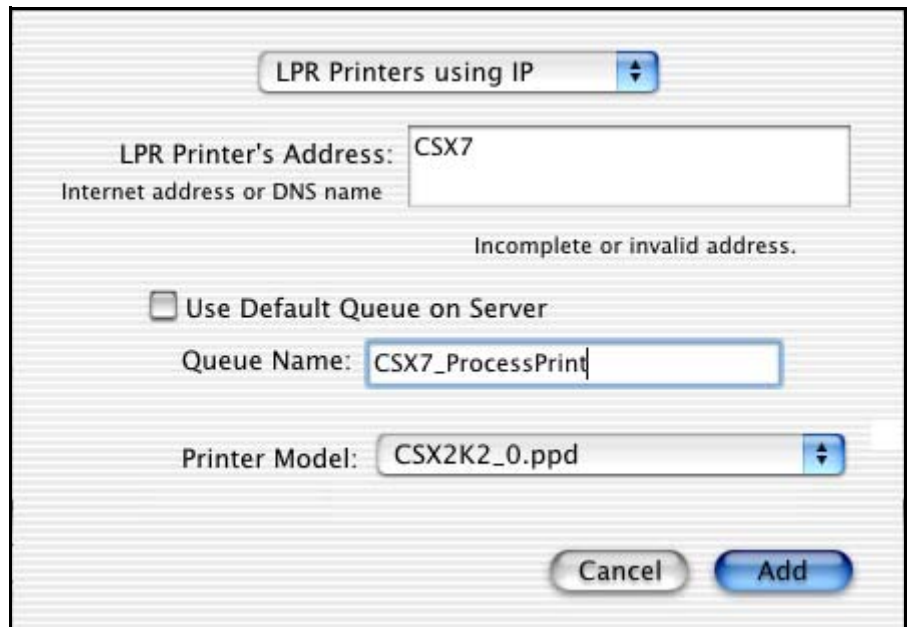


To Configure an LPR Printer:

1. Follow the “Setting up a CSX2000 Network Printer in Mac OS X” procedure, till step 5.
2. In the *Printer List* window, select **LPR Printers using IP** as the connection type.



3. In the **LPR Printer's Address** field, type either the TCP/IP address or hostname of the CSX2000 Color Server. See the following example.

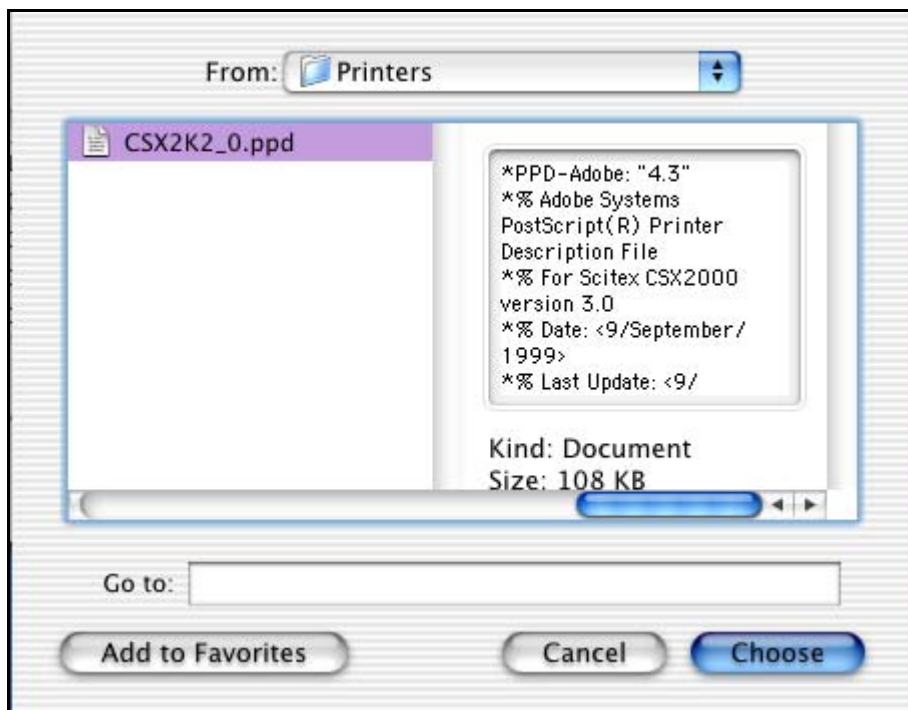


The screenshot shows a dialog box titled "LPR Printers using IP". It contains the following fields and controls:

- LPR Printer's Address:** A text field containing "CSX7". Below it, the text "Internet address or DNS name" is displayed. A message "Incomplete or invalid address." is shown to the right of the field.
- Use Default Queue on Server:** An unchecked checkbox.
- Queue Name:** A text field containing "CSX7_ProcessPrint".
- Printer Model:** A pop-up menu showing "CSX2K2_0.ppd".
- Buttons:** "Cancel" and "Add" buttons at the bottom right.

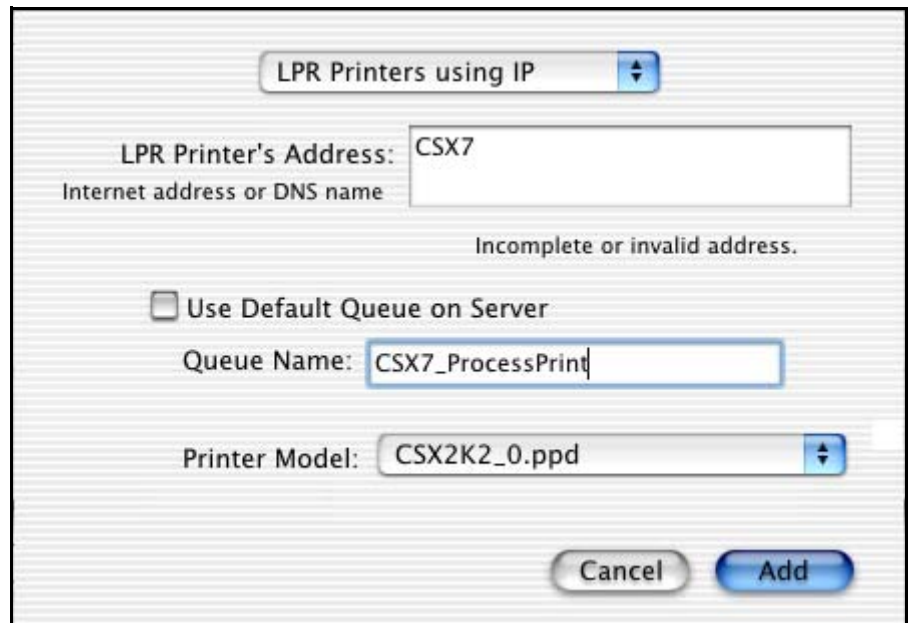
4. Clear the **Use Default Queue on Server** check-box.
5. In the **Queue Name** field, type the full name of the CSX2000 Color Server network printer, for example "CSX7_ProcessPrint" (case-sensitive).
6. From the **Printer Model** pop-up menu, select **Other...**

7. Browse to the folder to which you have copied the CSX2000.PPD and then select the **CSX2K2_0.ppd**.



8. Click the **Choose** button to assign the **CSX2K2_0.ppd** to the selected CSX2000 Color Server network printer.

The following dialog box appears.



LPR Printers using IP

LPR Printer's Address: CSX7
Internet address or DNS name

Incomplete or invalid address.

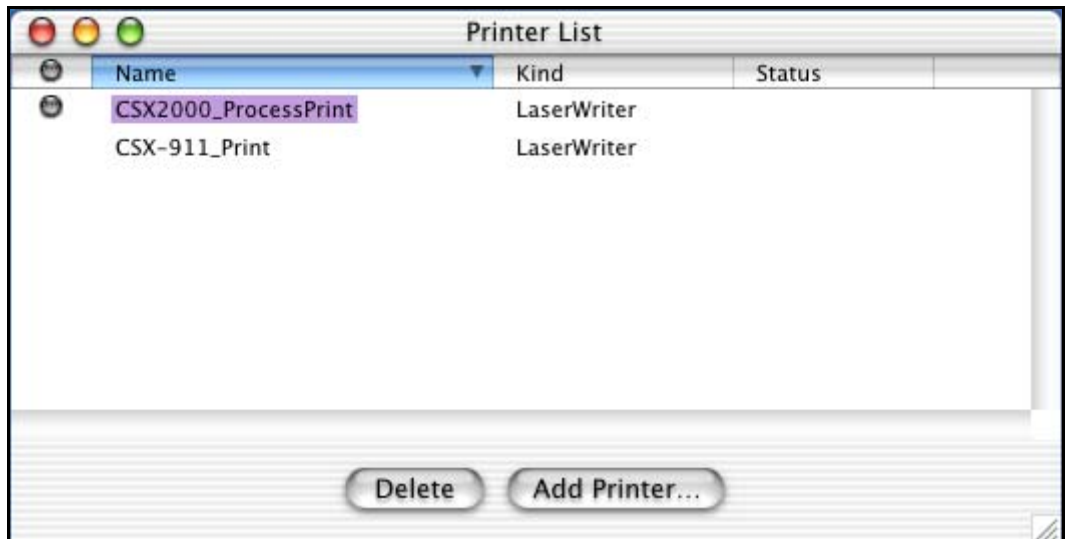
☐ Use Default Queue on Server

Queue Name: CSX7_ProcessPrint

Printer Model: CSX2K2_0.ppd

Cancel Add

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



Defining a Printer on Unix Client Workstations

To define an AIX 4.2.1 printer for printing through LPR:

1. On your UNIX client (for example, AIX 4.2.1) - enter **SMIT** and select the following 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, CSX2000).
4. In **Name of QUEUE on remote server** - type the exact name of the print queue defined on the remote server (for example, ProcessPrint).



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

5. Click **OK** to define the printer.

Chapter 2

Reinstalling your CSX2000 Color Server

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Overview

This chapter describes the methods for reinstalling your CSX2000 Color Server by complete overwrite or by system partition. It describes how to install the Windows NT operating system, the Creo Software Application, and the configuration of the system using the Configuration Wizard. In addition, there is a section on reinstalling the services for Macintosh, for customers that use multiple AppleTalk zones.

The CSX2000 Color Server is delivered to the customer site preloaded with the following software and configuration:

- Windows NT 4.0 Server
- MS Service Pack 6.0a high encryption
- Internet Explorer 5.5 high encryption
- Creo Application Software
- Adobe Acrobat 4.0
- Default network settings (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 and for the Configuration Wizard. The reinstallation of the system requires two CD's: NT Server Fast Install V 2.0 CD #1 and CSX2000 Color Server Application SW CD#2.

The following table outlines the CSX2000 Color Server disk configuration:

C: Windows NT + application	D: Spool + Shared + Output directory +APR HighRes files
-----------------------------	--

Image Storage
Image Storage



Notes:

1. Backup the CSX2000 Color Server configuration before loading the operating system to enable the restoration of customer settings.
2. It is recommended to back up your configuration on a floppy disk in case the system crashes.
3. Determine if VIPP or any other Xerox/Creo supported application is loaded on the CSX 2000 Color Server. Such applications will have to be reloaded after this reinstall is completed.

There are two methods for reinstalling the system:

- **Creo Software Complete Overwrite Installation:** This procedure replaces the entire system disk, the operating system partition, Creo application, and the user partition (Disks C: and D:). Complete Overwrite should be performed only when installing a new system.



This option will delete all the files. 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 (Disk C:). System Partition Overwrite should be performed when the Windows NT Server operating system is corrupt and needs to be reinstalled.

Reinstalling the Operating System

Before reinstalling, ensure the following information is available:

- CD S/W pack
- Computer name (for example, CSX1)
- TCP/IP information (for example, DHCP = yes)
- OEM Windows NT product ID#
- Gateway, WINS address, and DNS information
- AppleTalk Zone
- IPX information



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

To reinstall the operating system:



If you are already logged into your system and the CSX2000 Color Server workspace is open, exit the workspace and proceed to step 2.

1. Power up your computer.
2. Place the System Software “NT Fast Install” CD-ROM # 1 in the CD-ROM drive.
3. Restart the computer after inserting the CD-ROM (from the **Start** menu, select **Shutdown>Restart the Computer**).
4. Wait until the **MS-DOS 6.22 Startup Menu** appears.
5. Use the arrows to select one of the following installation options and press ENTER.
 - Creo Software Complete Overwrite Installation
 - Creo Software Preservation Installation (System Partition Overwrite)
 - DOS Prompt

The system starts copying the files.

6. After a few minutes, the system prompts you to remove the CD-ROM from the drive and reboot.
Press CTRL+ALT+DEL to reboot.

7. When the *Windows NT Server Setup Registration* screen appears enter the 20-digit *Product ID* that comes with the Windows NT Server manual. Click **Next**.
8. In the *Computer Name* screen, enter the Station name for the CSX2000 Color Server, for example CSX2000_1, and click **Next**.
9. Click **Next** on the *Windows NT Setup* screen.
The installation process begins.
10. At the end of the installation, the system reboots a number of times. You are asked to insert the Application Software CD (CD #2).



If you do not have a DHCP server, a message may appear to inform you that the DHCP client could not obtain an IP address. Click **NO to not receive future DHCP messages**.

11. Insert CD #2 into the CD-ROM drive, and configure the Image Disks, refer to the following section.

Configuring the Image Disks (Disk Stripping)

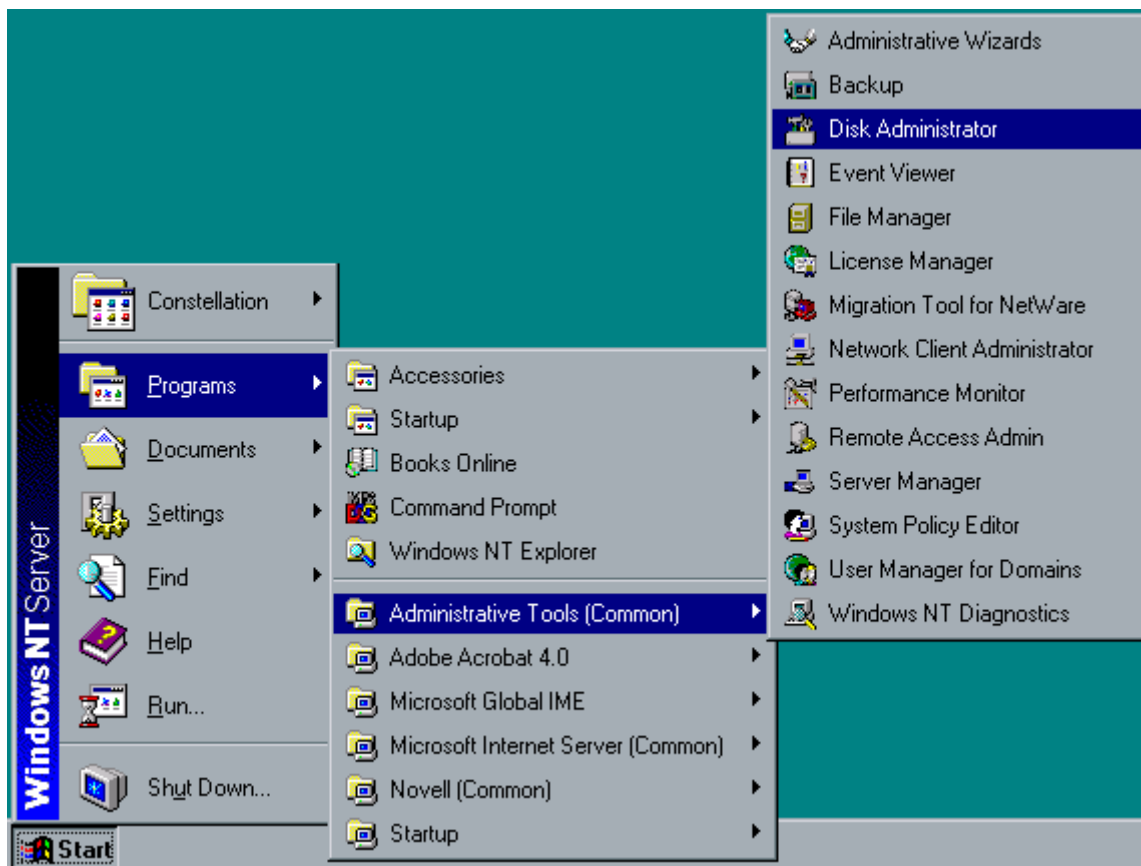
The following procedure should be performed if the diagonal or angled lines do not appear on the two Image Disks (Disks 1 and 2, in 600/700 MHz CPU, or Disks 0 and 1, in 1 GHz CPU).



If the following message appears "Disk Administrator has determined that this is the 1st time DA has been run, or that one or more disks have been added to your computer since DA was last run. System configuration will now be updated" Click **OK**.

To configure the Image Disks:

1. Click the **Start** button, and follow the path:
Programs>Administrative Tools>Disk Administrator.

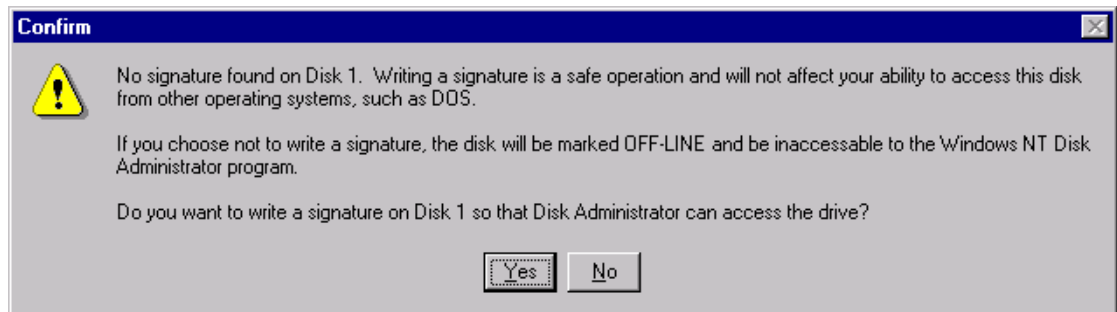


The following message appears.



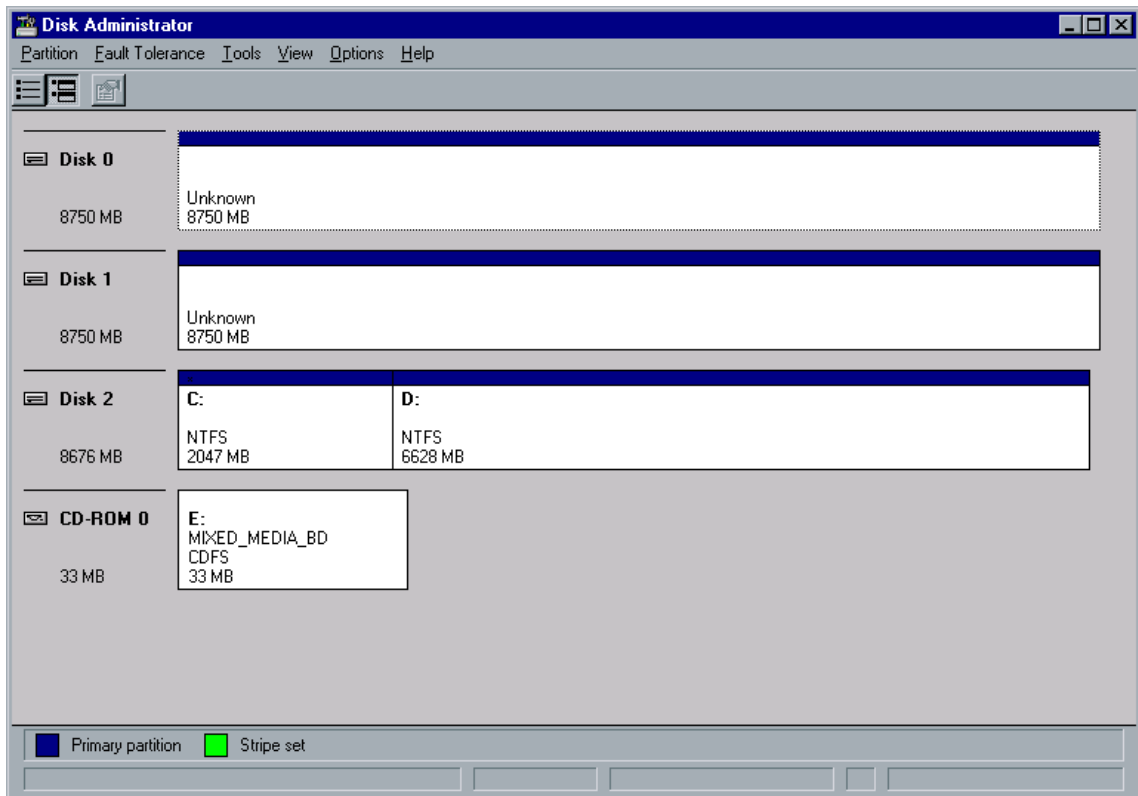
2. Click **OK**.

The following *Confirm* message appears.



3. Click **Yes**.

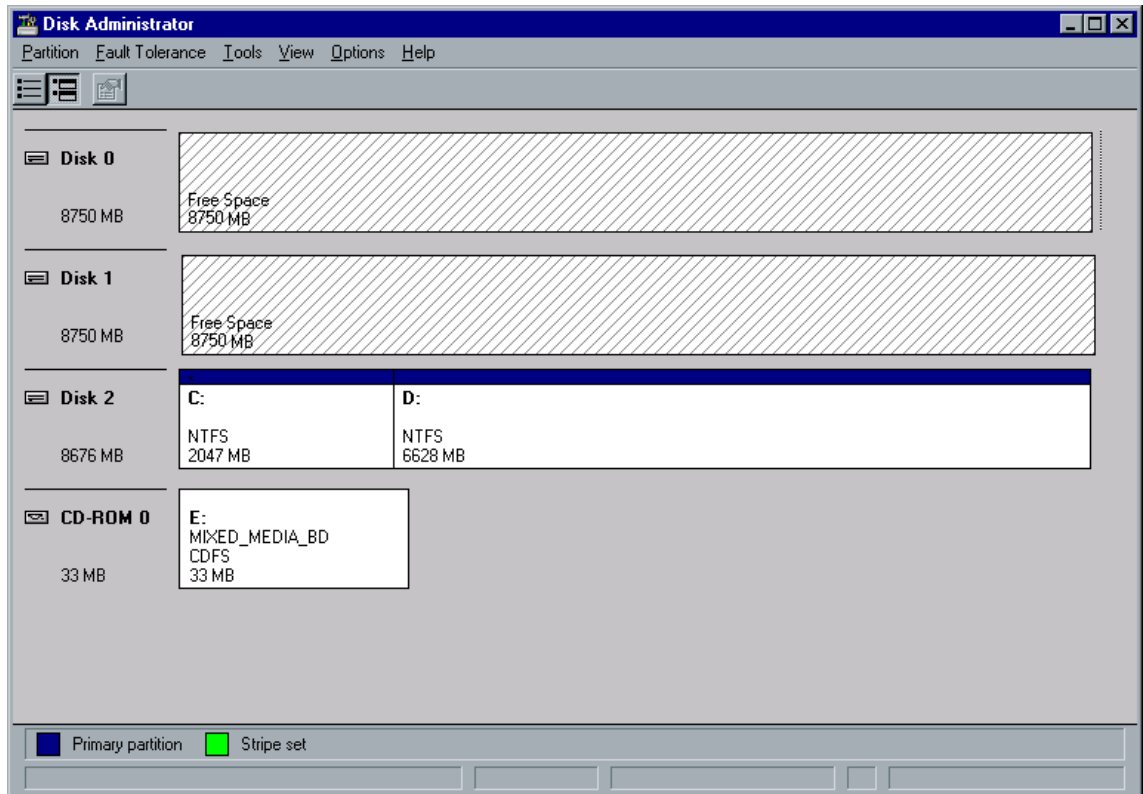
The *Disk Administrator* window appears.



Note that the screen captures in this procedure reflect the disk status using a 1 GHz CPU. If the CSX2000 Color Server has a 600/700 MHz CPU, the disk order is different: the first Disk is the System disk and the next 2 Disks are the Image Disks.

4. Right-click on one of the Image Disks, and from the menu select **Delete**. Then click **Yes** to confirm.

5. Right-click on the second Image Disk, and from the menu select **Delete**. Then click **Yes** to confirm.
The *Disk Administrator* window is now displayed as follows.



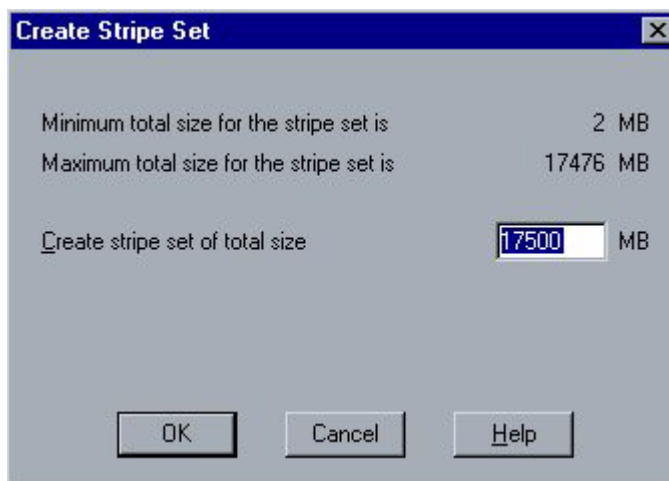
6. To create a stripe set, press and hold CTRL while you left-click both Image Disks.




Do not manipulate the System Disk:
Disk 0 in 600/700 MHz CPU, or Disk 2 in 1 GHz CPU.

7. Right-click one of the Image Disks and from the menu, select **Create Stripe Set**.

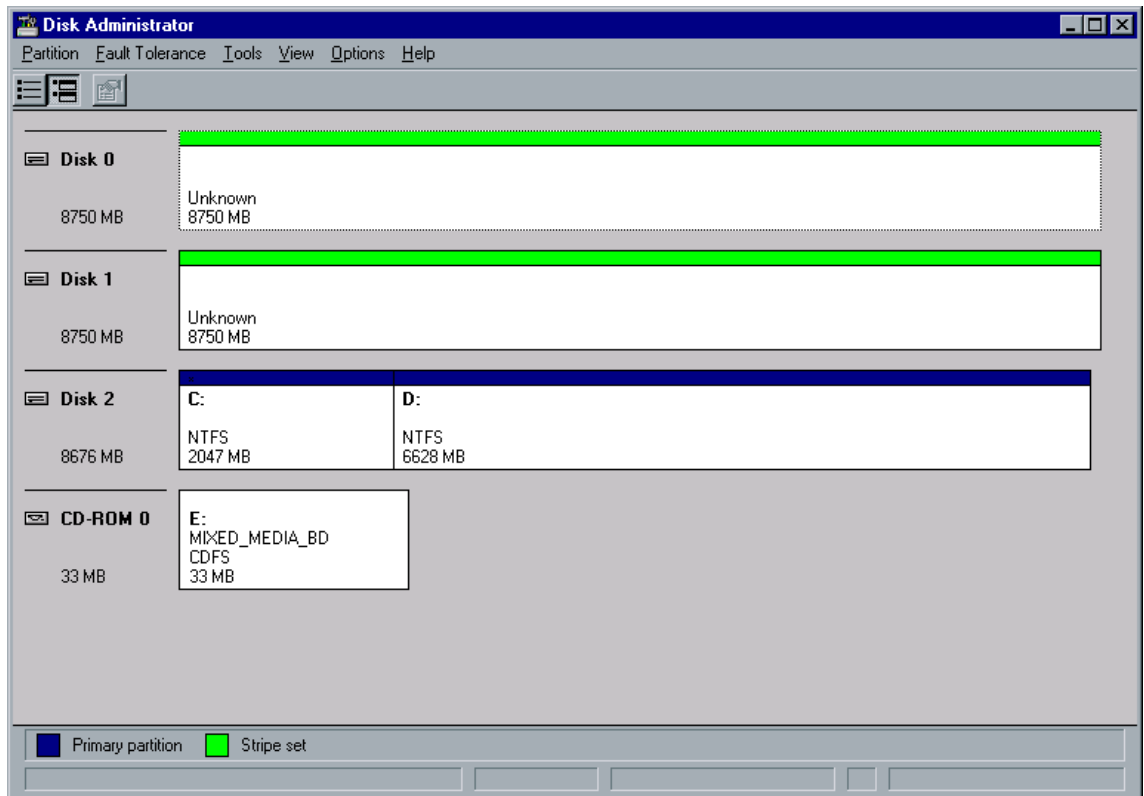
The following window is displayed.



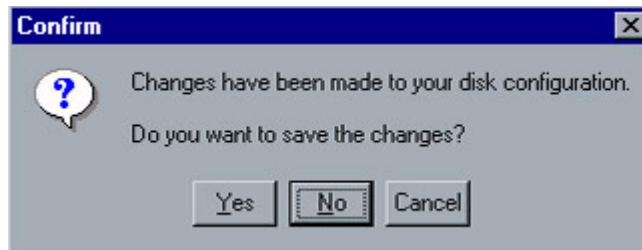
 For 18GB drives the total size of the created stripe set is different.

8. Click **OK**.
9. Right-click one of the Image Disks and from the menu, select **Assign Drive Letter**.
10. In the window that is displayed, select **Do not assign a drive letter**.

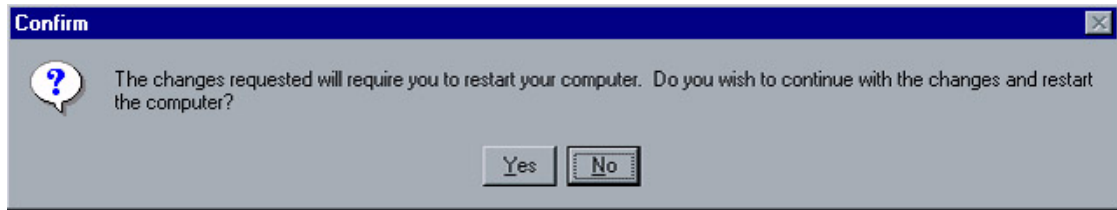
The *Disk Administrator* window is displayed as follows.



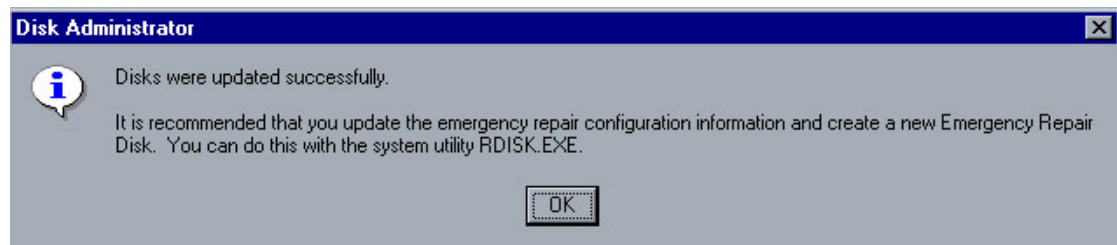
11. Close the *Disk Administrator* window.
The *Confirm* message is displayed.



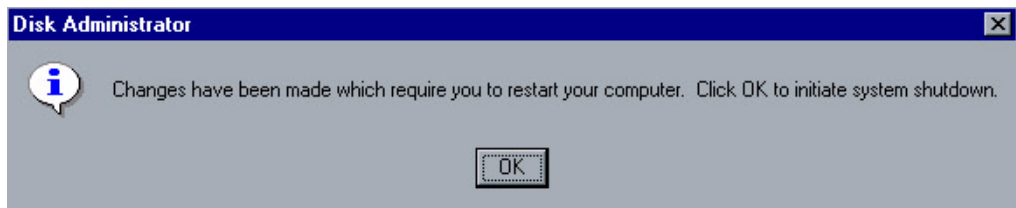
12. Click **Yes** to save the changes.
The following message is displayed.



13. Click **Yes** to continue.
The following message is displayed.



14. Click **OK** to continue.
The following message is displayed.



15. Click **OK** to restart your computer. Next, reinstall the services for Macintosh.

Reinstalling the Services for Macintosh

The Services for Macintosh are automatically installed during the NT installation. However, the unattended installation of the Services for Macintosh does not support multiple Apple talk zones. Therefore, If you use multiple Apple Talk zones it is necessary to first remove the unattended installation of the Services for Macintosh and then reinstall the service manually.

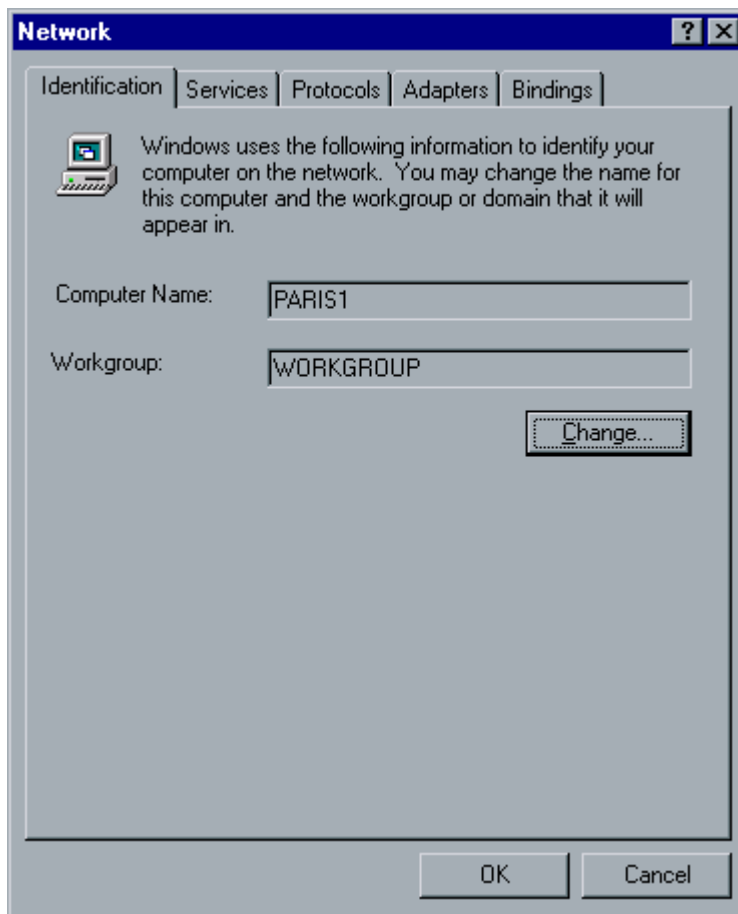
In addition Services Pack 6a should be reinstalled.



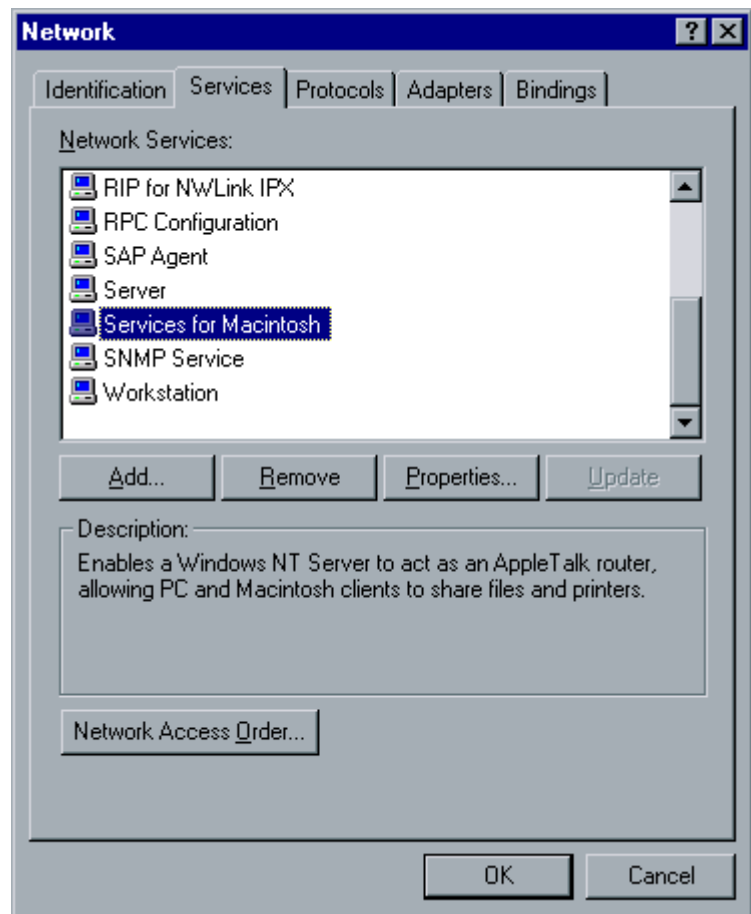
Before you begin this procedure, you must have the Windows NT Server CD.

To remove the Services for Macintosh:

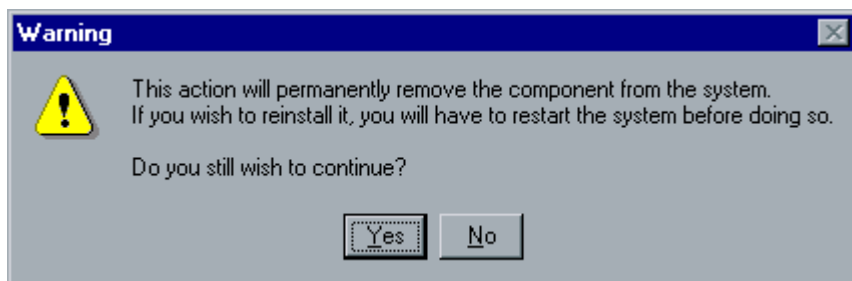
1. Restart the CSX2000 Color Server.
2. When the CSX2000 Color Server is up, close the CSX2000 Color Server Software Application.
3. Right-click the **Network Neighborhood** icon, and from the menu select **Properties**.
The *Network* dialog box appears.



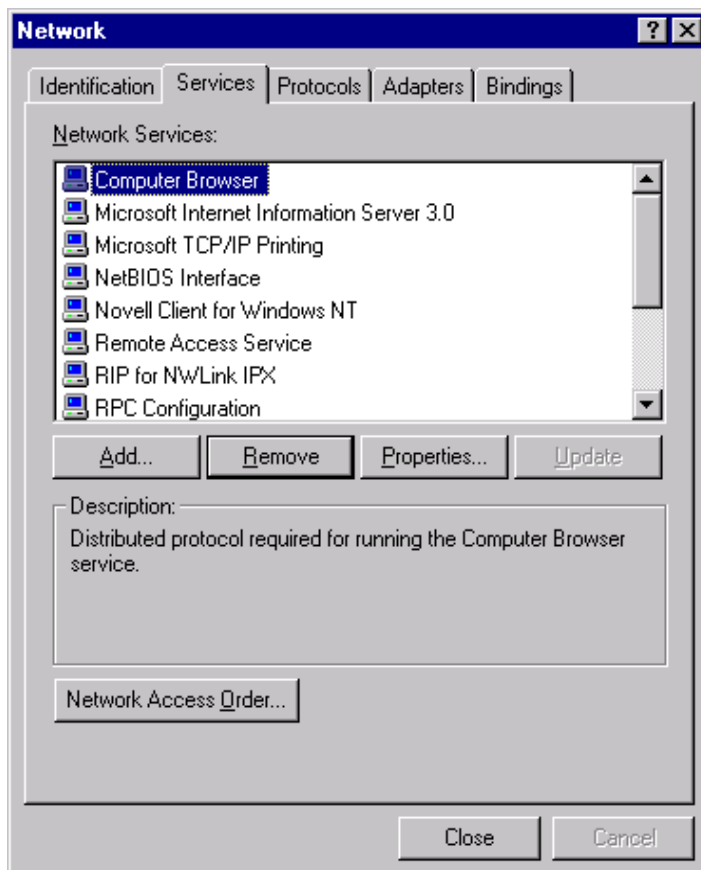
4. Select the **Services** tab.



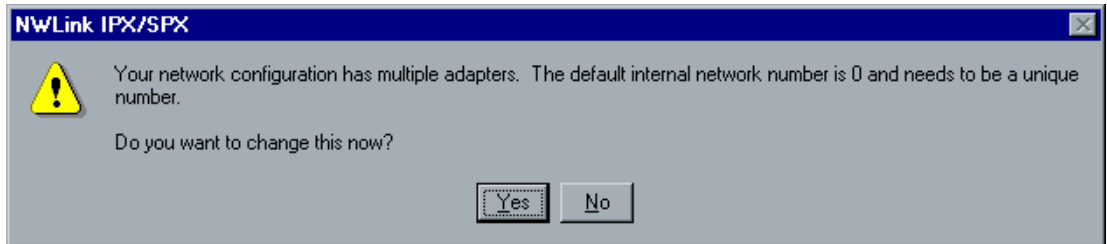
5. From the **Network Services** list, select **Services for Macintosh**, then, click the **Remove** button.
The following *Warning* appears.



6. Click **Yes** to continue and then click the **Close** button to close the *Network* dialog box.

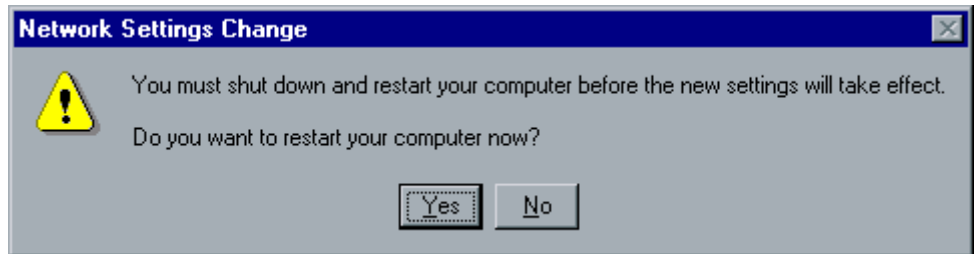


The *Bindings Review* process indicator appears, followed by the *NWLink* message.



7. Click **No**.

The *Network Settings Change* message appears.



8. Click **Yes** to restart your computer, for the changes to take effect.

To manually install the Services for Macintosh:

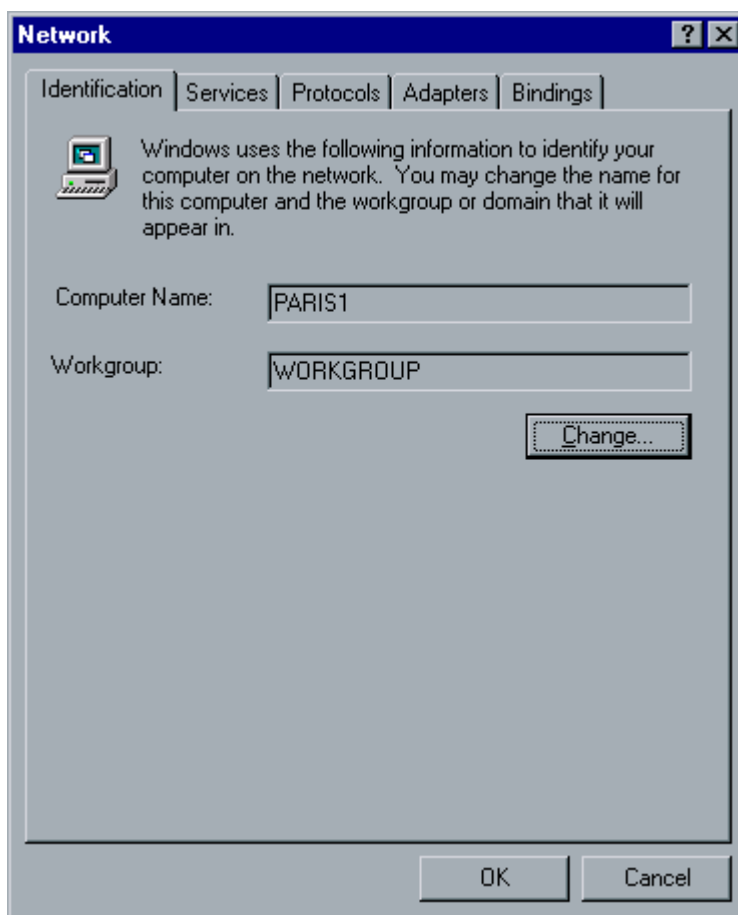
1. When the CSX2000 Color Server is up, close the CSX2000 Color Server Software Application.



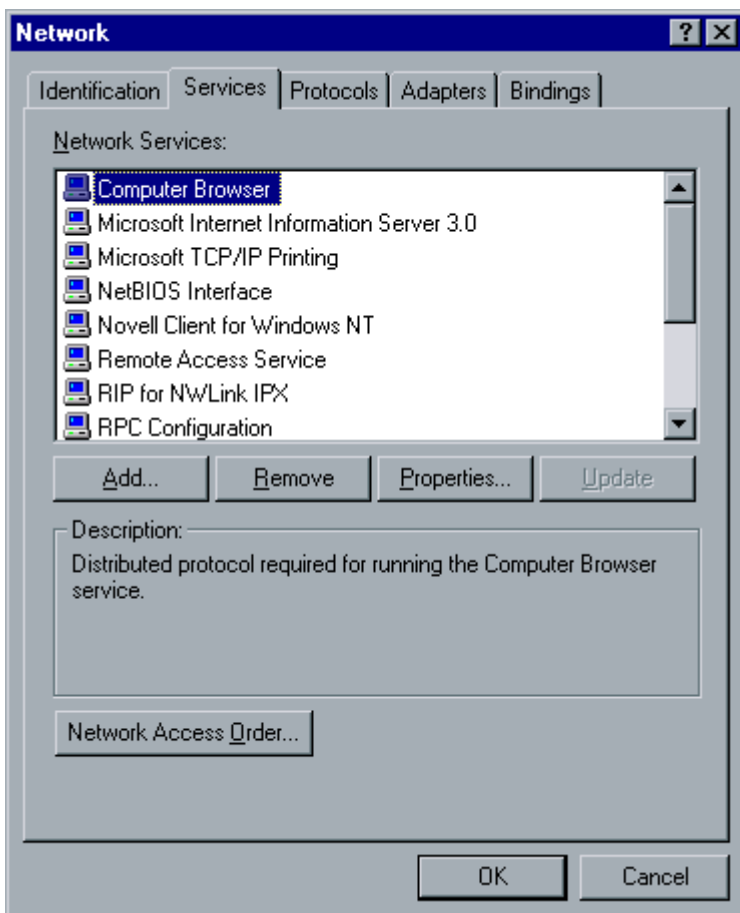
Close the NT setup window if it appears.

2. Insert the Windows NT Server CD (the original CD was delivered with the NT Server license), into the CD-ROM drive.
3. Right-click the **Network Neighborhood** icon, and from the menu select **Properties**.

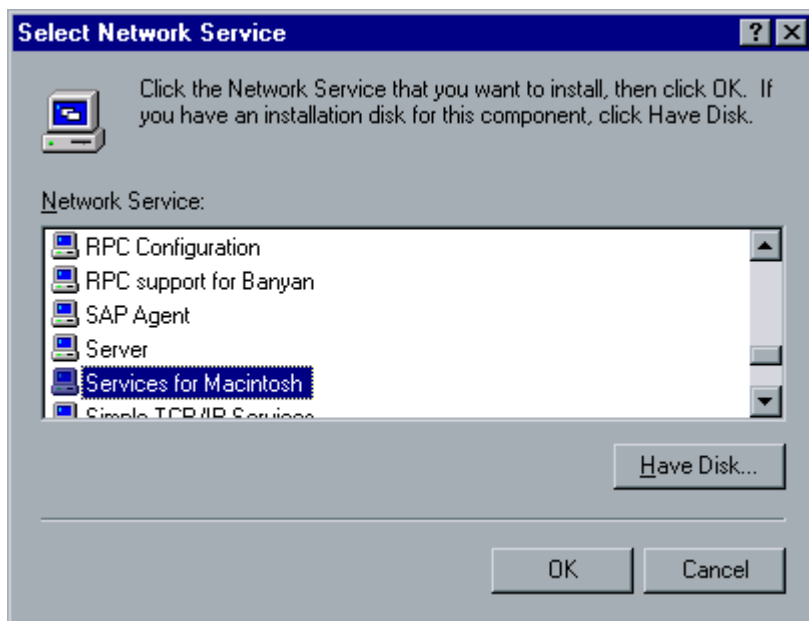
The *Network* dialog box appears.



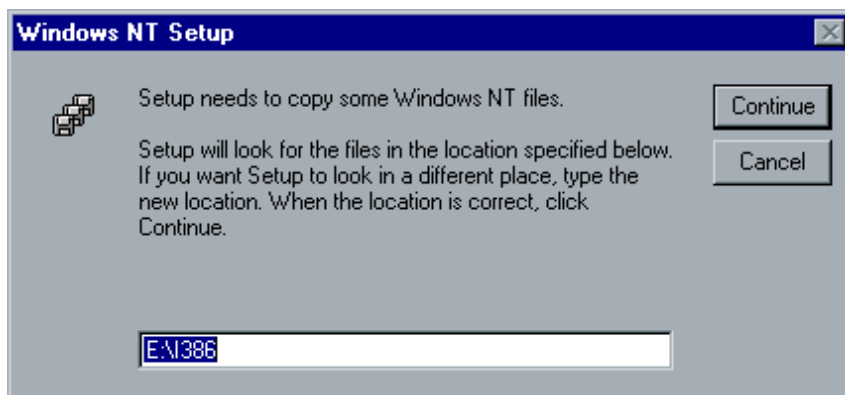
4. Select the **Services** tab.



5. Click the **Add** button.
The *Select Network Service* window appears.

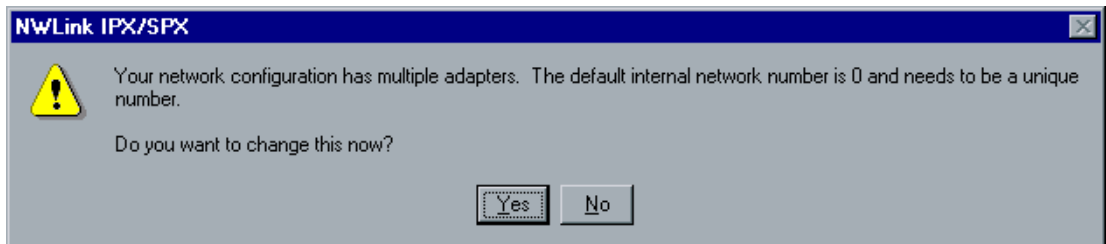


6. From the **Network Service** list, select **Services for Macintosh**, and click **OK**.
The following message appears.

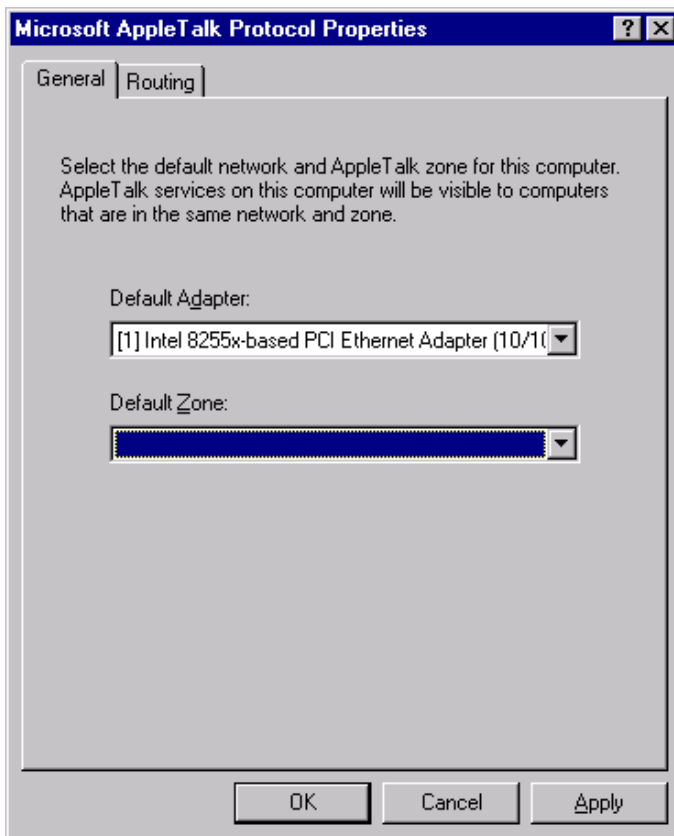


7. Verify the path is E:\I386 and click the **Continue** button.
The files are copied from the specified location.

8. Click the **Close** button in the *Network* dialog box.
The following message appears.

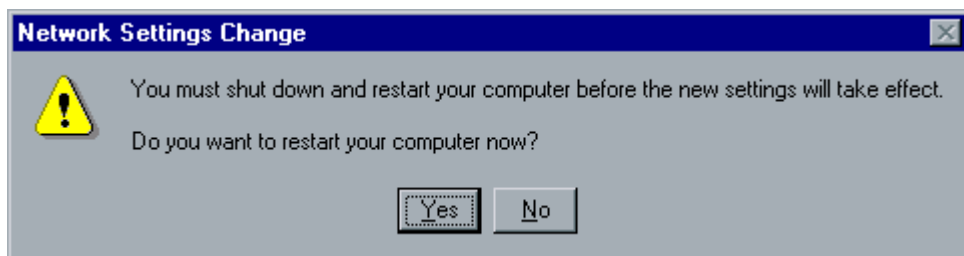


9. Click **No**.
The *Bindings Review* process indicator appears, followed by the *Microsoft AppleTalk Protocol Properties* dialog box.



10. Click OK.

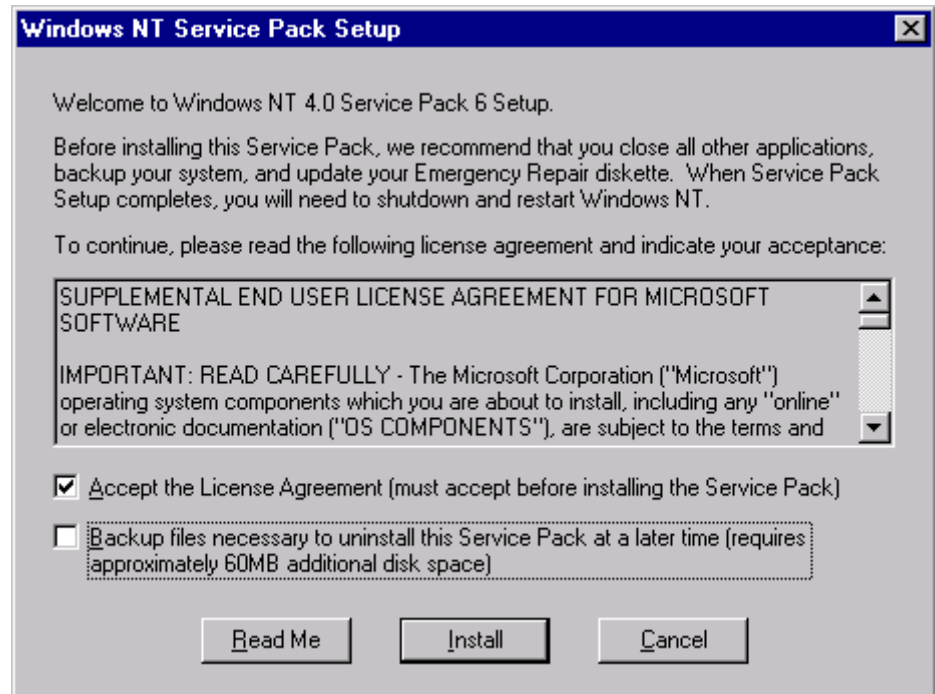
The following message appears.

**11. Click Yes to reboot and promptly remove the NT Server CD.**

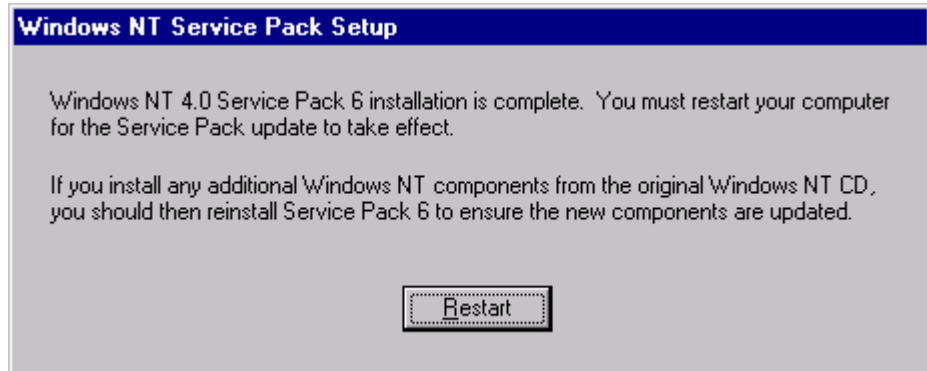
To install Service Pack 6a:

1. When the CSX2000 Color Server is up, close the CSX2000 Color Server Software Application.
2. Insert the NT Server Fast Install CD # 1 into the CD-ROM drive.
3. On the CSX2000 Color Server desktop, double-click **My Computer** and browse to *E:\Files_nt\Sp6*. Then, double-click **Sp6i386.exe**.

The Service Pack 6a files are then extracted, and the *Windows NT Service Pack Setup* window appears.




4. Select **Accept the License Agreement**, and clear the **Backup files** check-box. Then click the **Install** button.
The files are copied to your system and the following message appears.



5. Remove the NT Server Fast Install CD # 1 from the CD-ROM drive and click the **Restart** button.
6. Next, reinstall the Creo Software Application.

Reinstalling the Creo Application

To reinstall the Creo application:

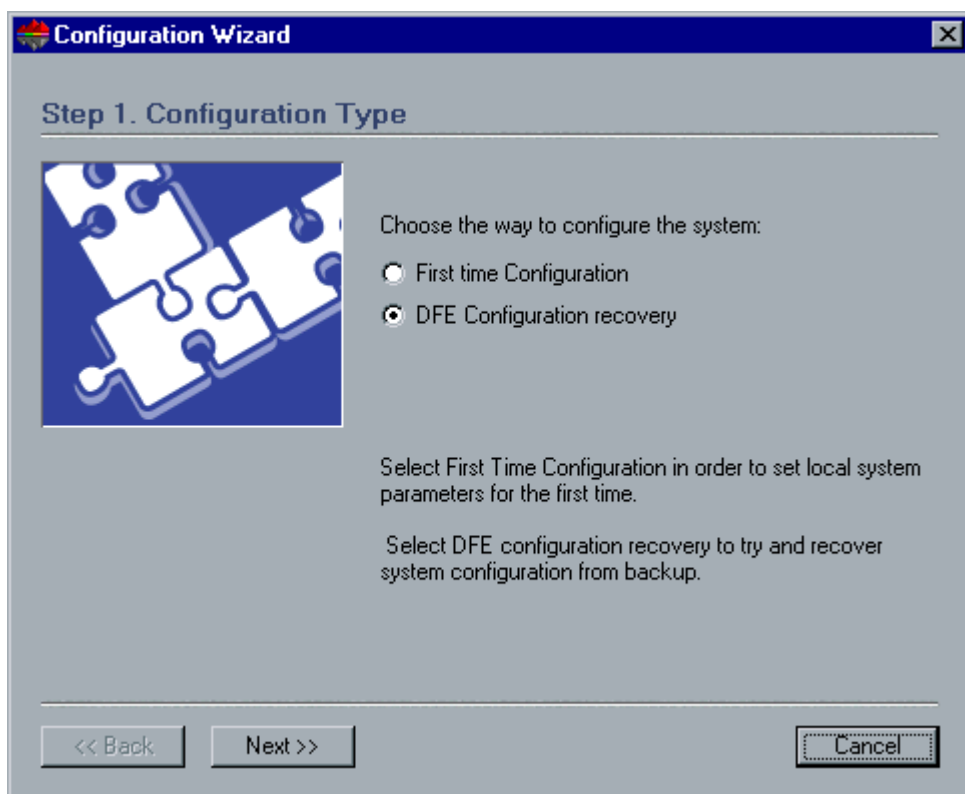
1. Place the Application Software CD in the CD-ROM drive, and close the CD-ROM Drive.
 Wait for the LED on the CD-ROM drive to stop blinking before proceeding.
2. In the *SPIRE* splash screen that appears, click **Start**.
The *Adobe Acrobat* setup begins.
3. After the *Adobe Acrobat* setup is complete, the CSX2000 Color Server installation starts. When the *License Agreement* window opens, click **Yes** to continue the CSX2000 Color Server installation.
4. When the installation is complete, remove CD #2 from the CD-ROM drive.
The system restarts automatically.
5. After the computer restarts, the Configuration Wizard appears. Proceed to *Section The Configuration Wizard on page 128*, if a configuration backup is available. Proceed to *Section The Configuration Wizard (if configuration recovery fails or is unavailable) on page 135* if there is no back up and the system configuration must be done manually.

The Configuration Wizard

The CSX2000 Color Server *Configuration Wizard* automatically appears after the installation is complete. Follow the steps of the wizard to complete the CSX2000 Color Server Configuration recovery. If configuration recovery is impossible, refer to “The Configuration Wizard (if configuration recovery fails or is unavailable)” on page 135.

Choosing the Configuration Type

To choose a configuration type:



1. If no configuration file was saved before the software reinstall, select **First time Configuration** and click **Next**. Then proceed to “The Configuration Wizard (if configuration recovery fails or is unavailable)” on page 135.

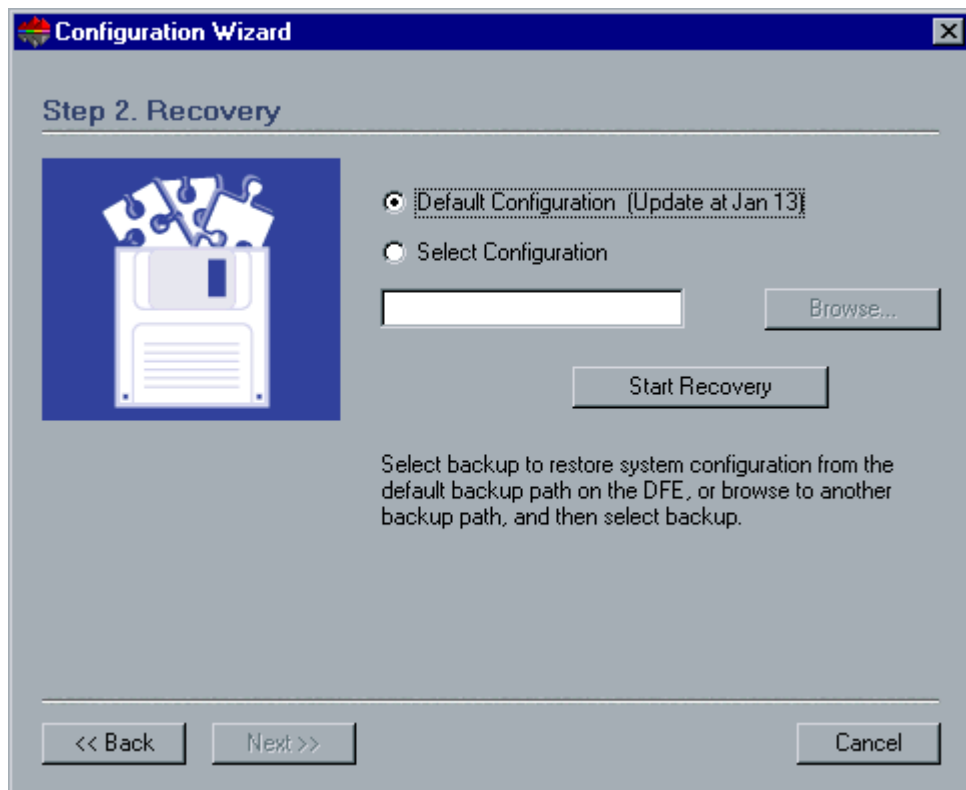
2. If a configuration file is available, select **DFE Configuration recovery**, and then click **Next**.



If you received the message "Error in default configuration", click OK and go to step 2 in *Section Restoring the Configuration on page 130*.

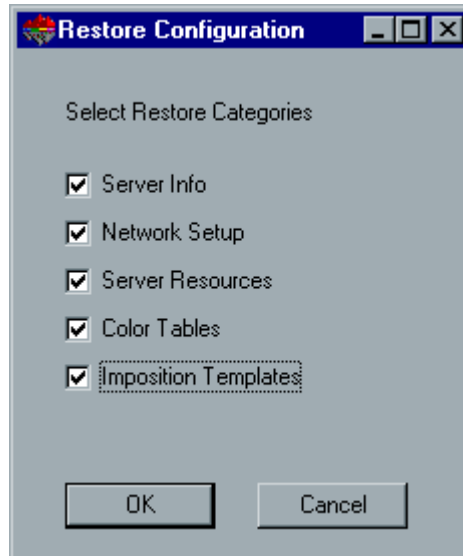
Restoring the Configuration

To restore the configuration:



1. If you would like to restore the default configuration, select **Default Configuration**. 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**. Locate the desired configuration file and then click **OK**.

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

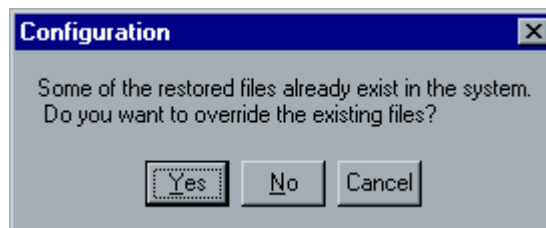


3. By default, all categories are selected. If you do not want to restore certain categories, clear the required selections.



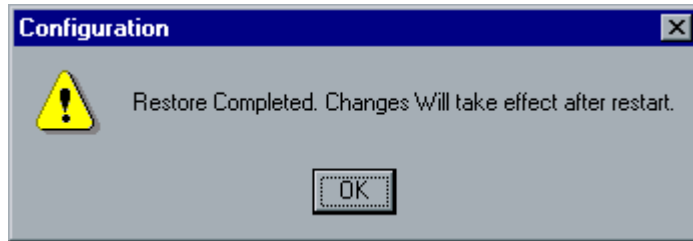
When restoring the configuration all the custom tables/sets will be added to the system (for example imported user-defined imposition templates, new virtual printers, downloaded fonts etc).

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



5. 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.



6. Click **OK** to finish the recovery and to return to the *Step 2 Recovery* window.

Or:

Select **Print with Low Res** to print the job with the low resolution images.



This mode, which is quicker, is suitable for layout proofing.

7. In the **Use APR Mask from** area, select **High Res** to use the masking data contained in the high resolution file (if such data exists).

Or:

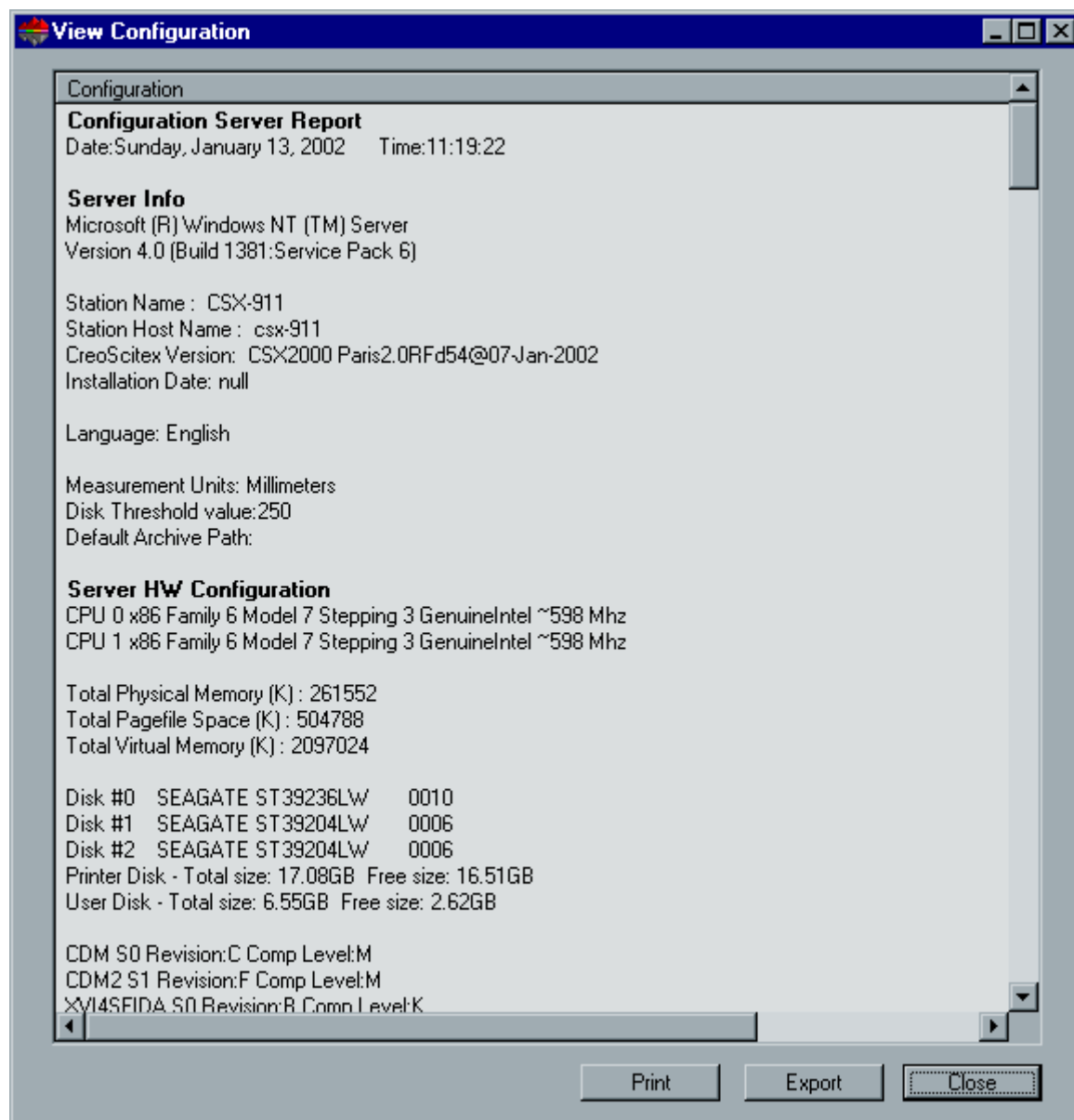
Select **PS Image** (low resolution) to use the masking data contained in the low resolution image file.

Or:

Select **Both** to use only the masking data common to both the high resolution and the low resolution image files (i.e., if the images defined by the two sets of masking data overlap, then this overlapping area is RIPped). click **Next**.

Viewing the Configuration

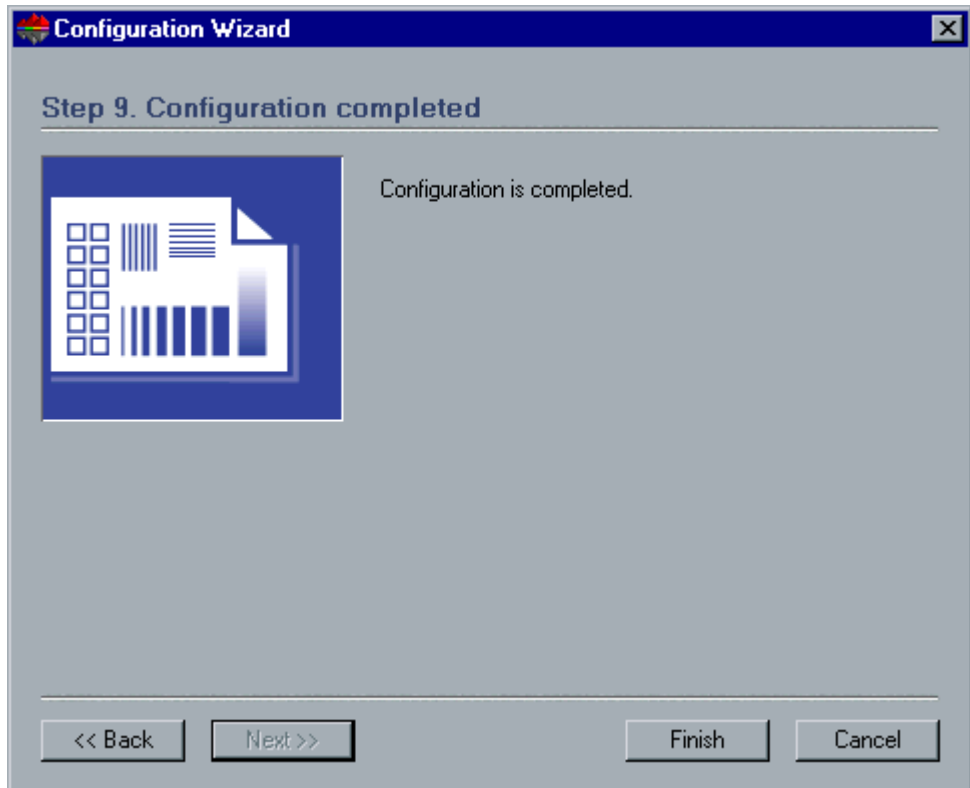
To view the configuration:



- Click **Close** to exit the *View Configuration* window.

Completing the Configuration

To complete the configuration:



1. Click **Finish**.
The CSX2000 Color Server Application workspace appears on your screen.
2. Close all open applications and from the **Start** menu, choose **Shutdown**. Then, select **Restart the Computer**, and click **Yes**.
The CSX2000 Color Server restarts.
3. If your site uses multiple AppleTalk zones, reinstall the Services for Macintosh. Refer to *Section Reinstalling the Services for Macintosh on page 115*.

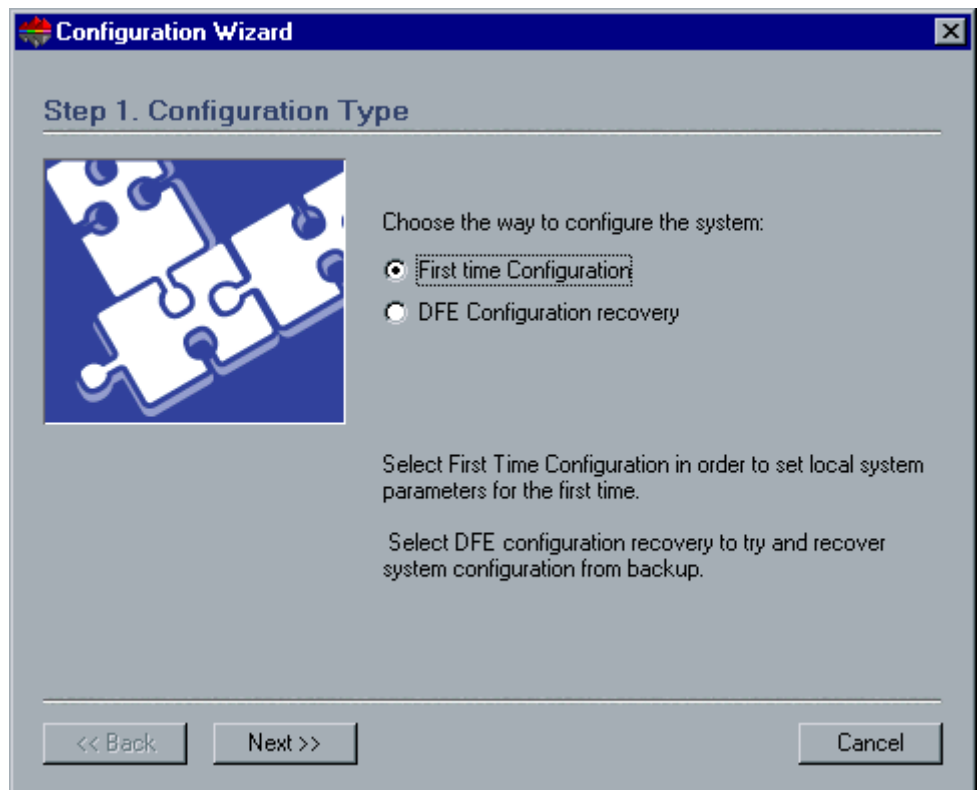
The Configuration Wizard (if configuration recovery fails or is unavailable)

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 CSX2000 Color Server Configuration Wizard automatically appears the first time you power up the CSX2000 Color Server.

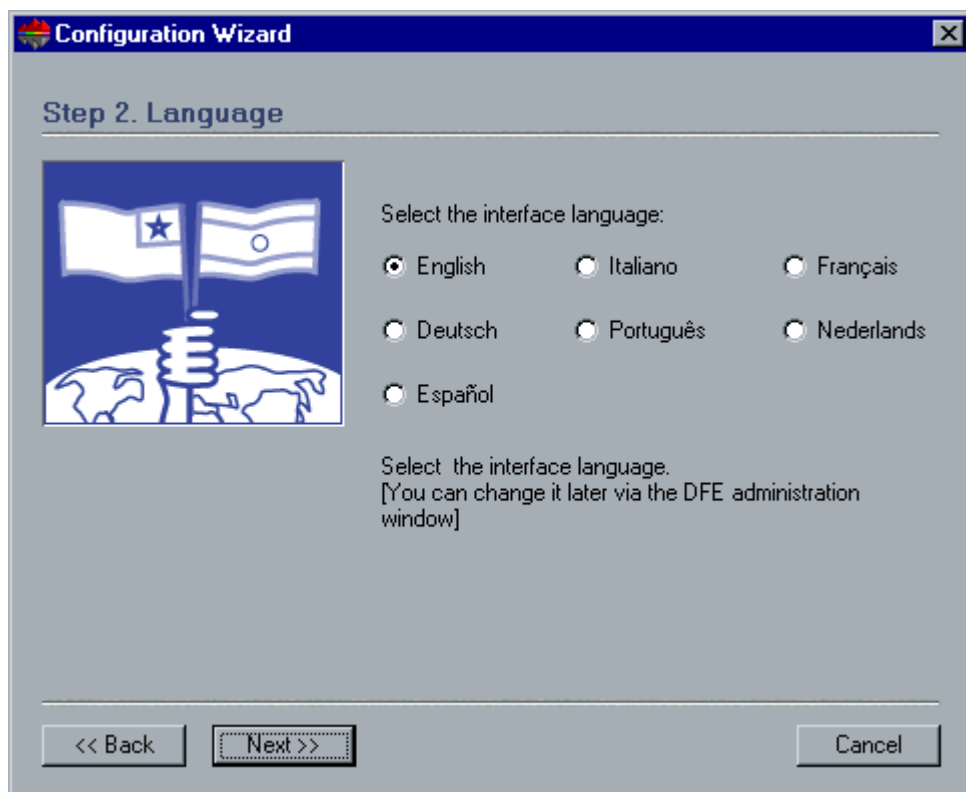
To choose the configuration type:



- 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**.

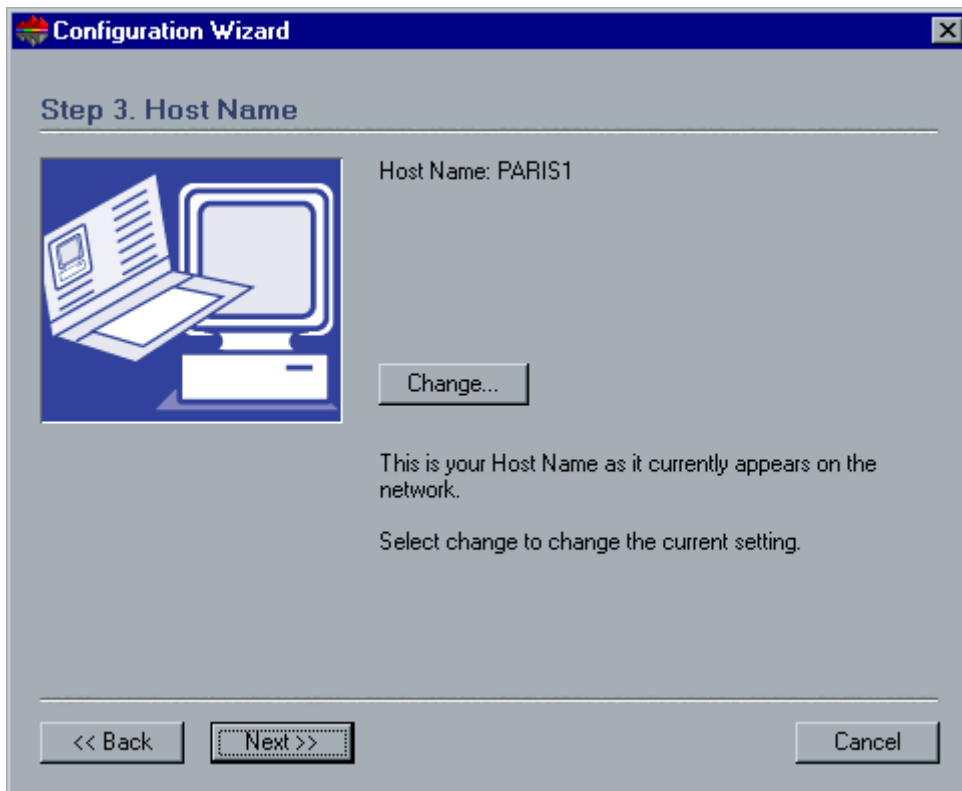
Configuring the Host Name

The CSX2000 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.

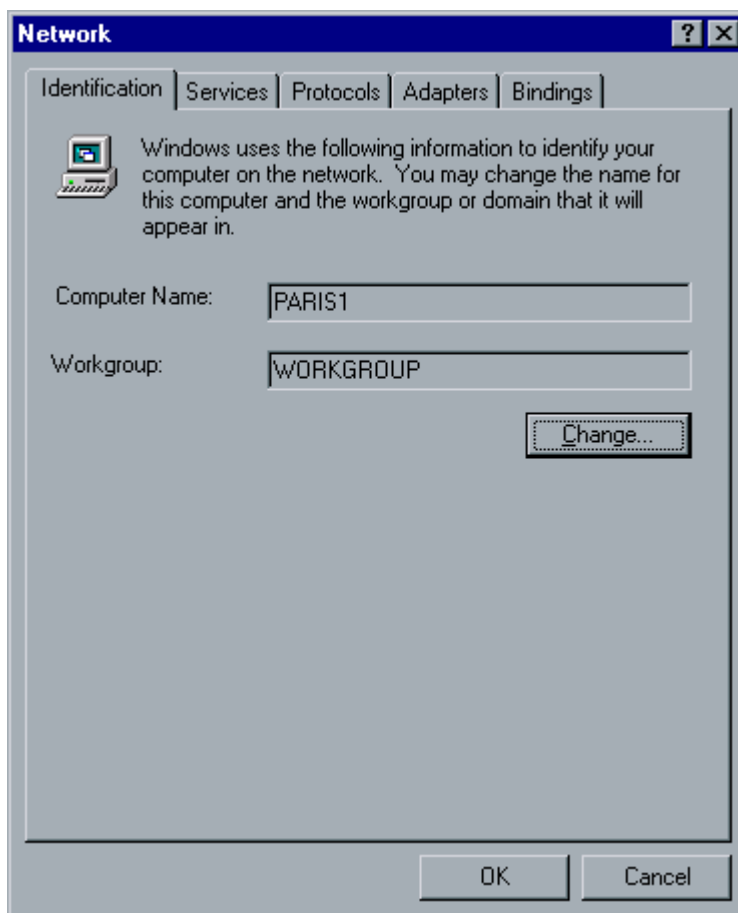


The Hostname is taken from the computer name you entered during the NT Fast Installation, see section *Reinstalling the Operating System on page 106*.

To configure the host name:



1. Verify that the correct host name is displayed and click **Next**. Otherwise, click the **Change** button. The *Network* dialog box appears.



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

Identification Changes

Windows uses the following information to identify your computer on the network. You may change the name for this computer, the workgroup or domain that it will appear in, and create a computer account in the domain if specified.

Computer Name:

Member of

☒ Workgroup:

☐ Domain:

☐ Create a Computer Account in the Domain

This option will create an account on the domain for this computer. You must specify a user account with the ability to add workstations to the specified domain above.

User Name:

Password:

OK Cancel

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.



Important Note: do not change the Workgroup or Domain unless instructed.

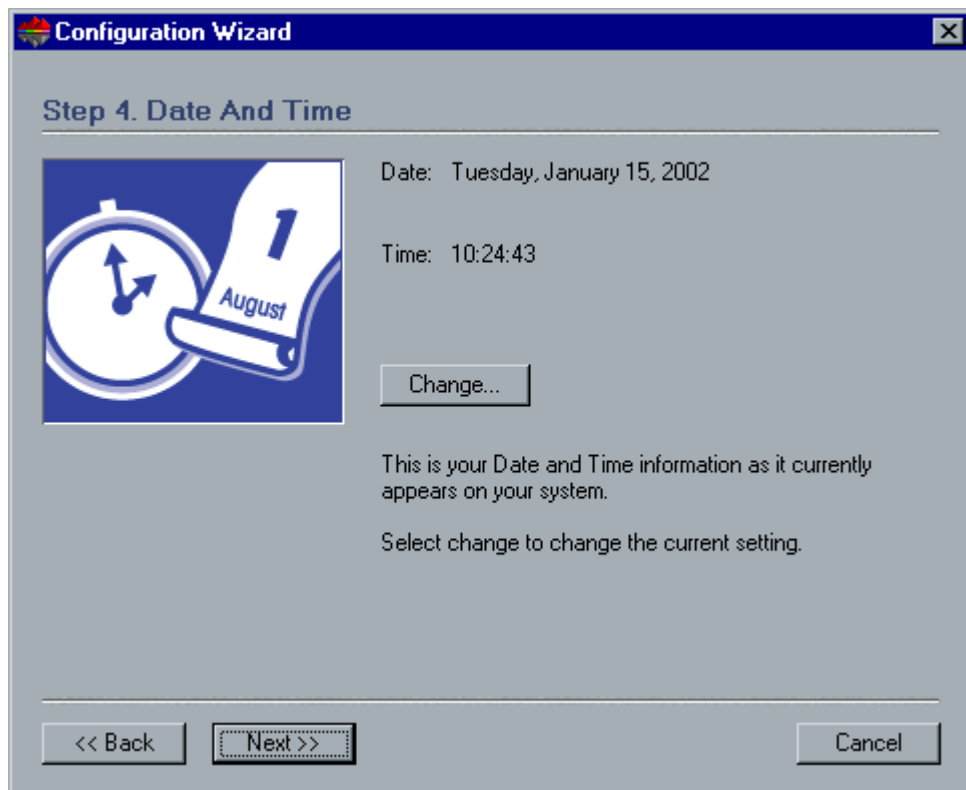


When prompted to restart your computer, click **No**, (since you will be prompted at the end of the Configuration Wizard to restart your system).

4. Click **OK**.
5. Click **Next** to continue.

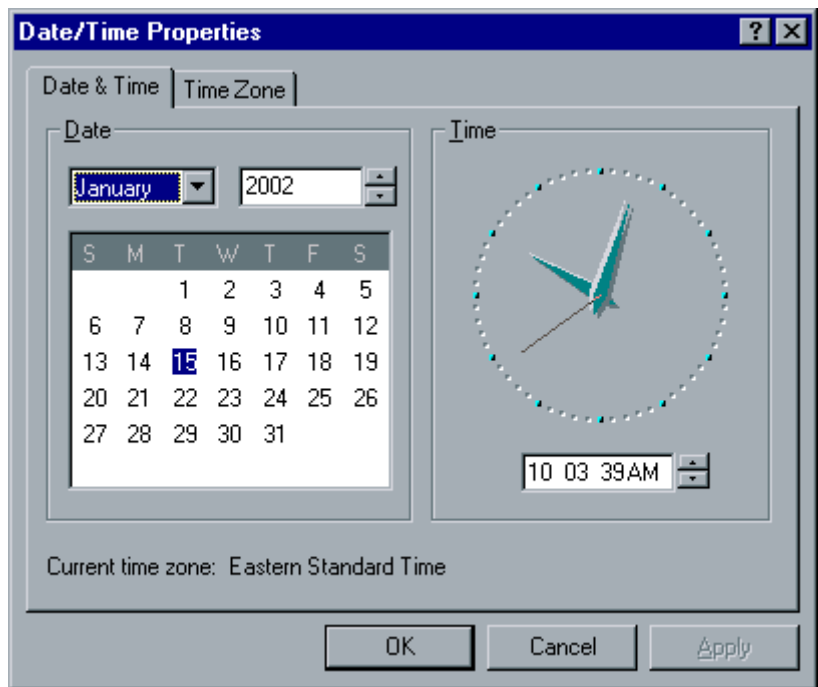
Setting the Date and Time

To set the date and time:



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

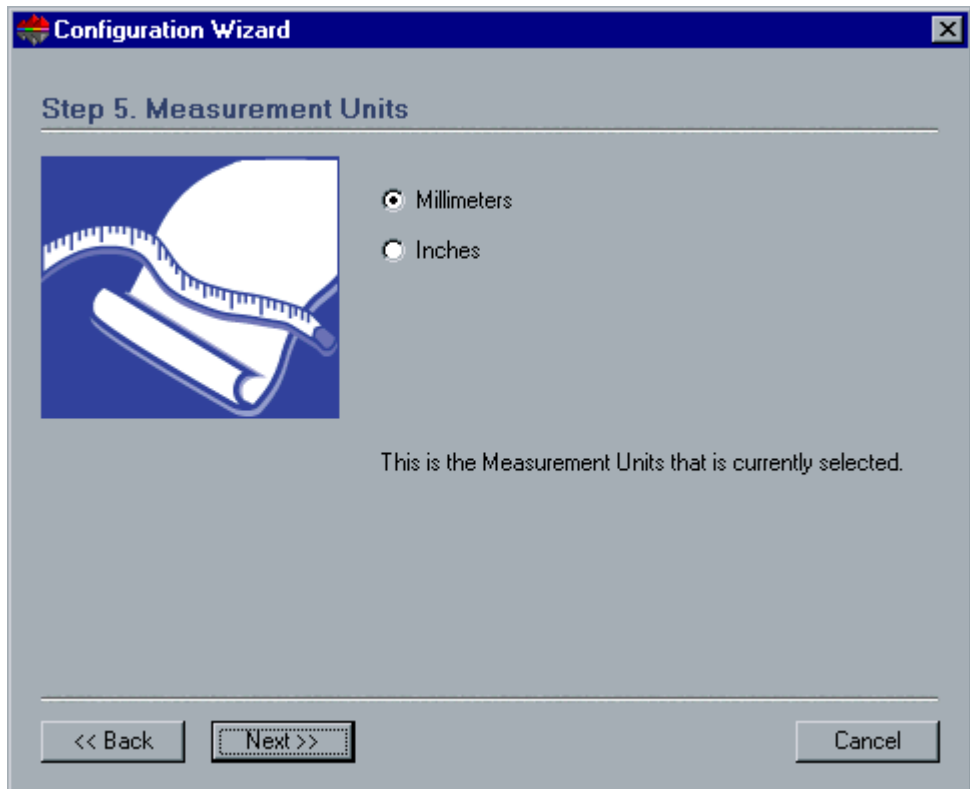
The *Date/Time Properties* dialog box appears.



2. Set the date and time correctly and click **OK**.
3. Then click **Next**.

Setting the Default Measurement Units

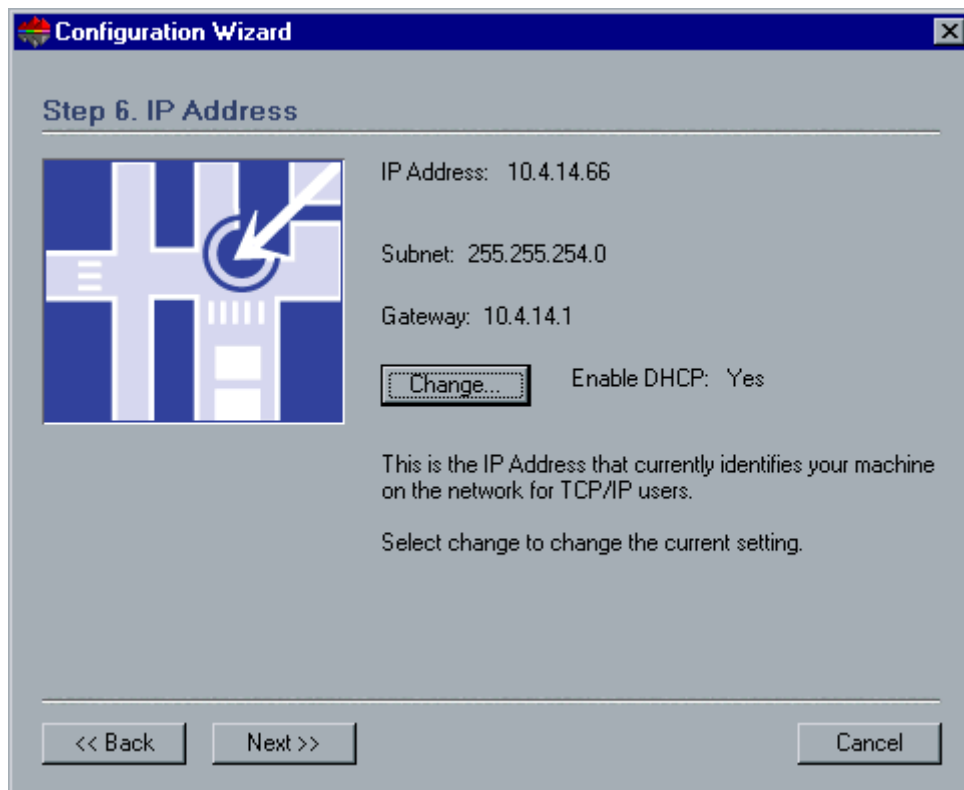
To set the default measurement units:



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

Configuring the IP Address

To set the IP address:



1. Verify that the displayed IP Address is correct and click **Next**. Otherwise, click the **Change** button and type the new IP address.



The CSX2000 Color Server is set to DHCP server configuration.



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*.

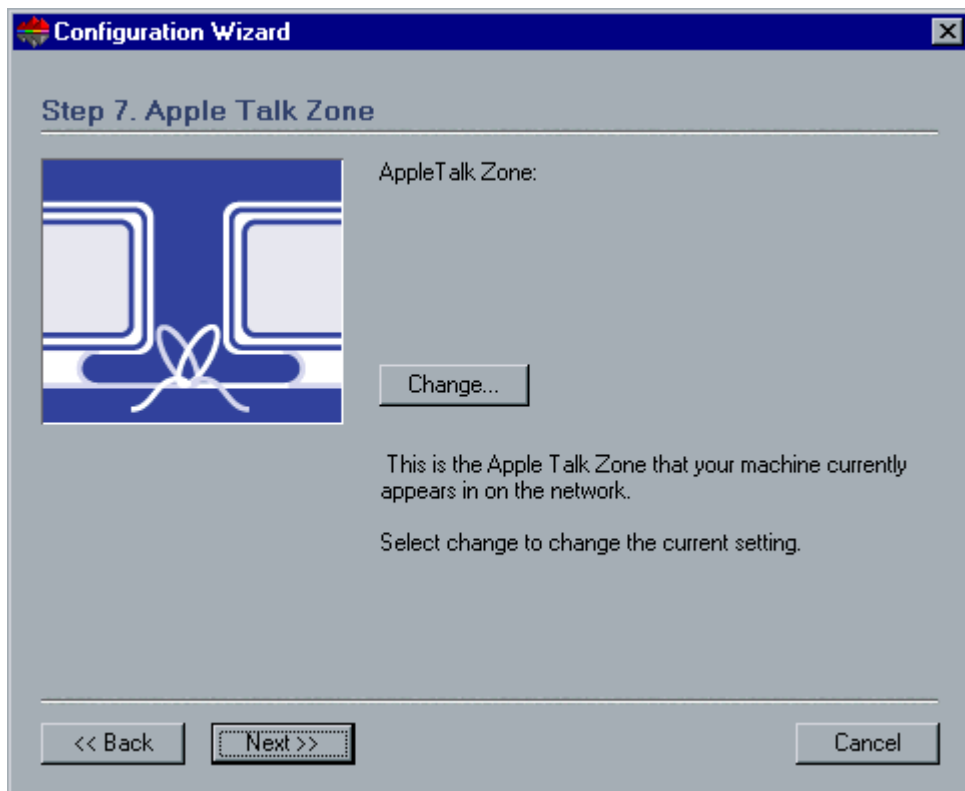
2. If prompted to restart your computer, click **No**, (since you will be prompted at the end of the Configuration Wizard to restart your system.) then, click **Next** to continue.

Configuring the Apple Talk Zone


This option enables you to change the AppleTalk network zone that your CSX2000 Color Server will appear in.

 This option only applies to networks that contain Macintosh computers.

To set the AppleTalk zone:



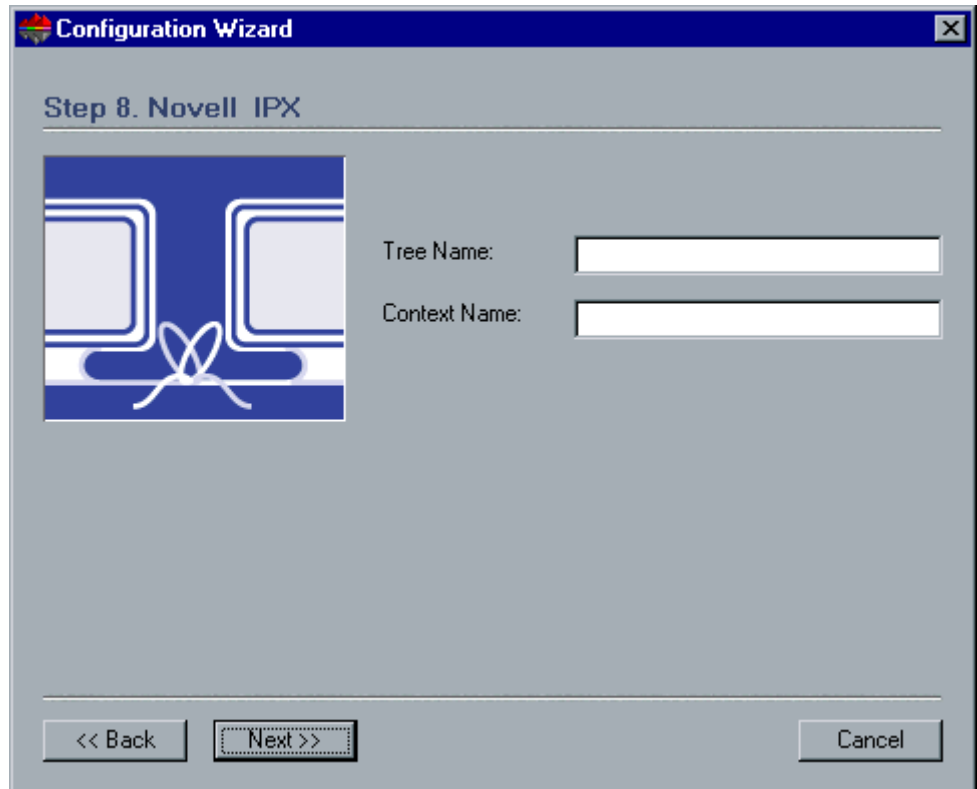
- Verify that the displayed Apple Talk zone is correct and click **Next**. Otherwise, click the **Change** button and select the new zone.

 If there are problems finding the desired AppleTalk zone and multiple zones exist, refer to *Section Reinstalling the Services for Macintosh* on page 115 and reinstall the Macintosh Services.

Configuring the Novell IPX

This step is relevant only for those customers who have a Novell Network running IPX protocol. If you don't have this type of network, click next in the Novell IPX window.

To configure the Novell IPX:



1. In the **Tree Name** and **Context Name** boxes, type the exact Tree name, and full Context path.
2. Click **Next**.

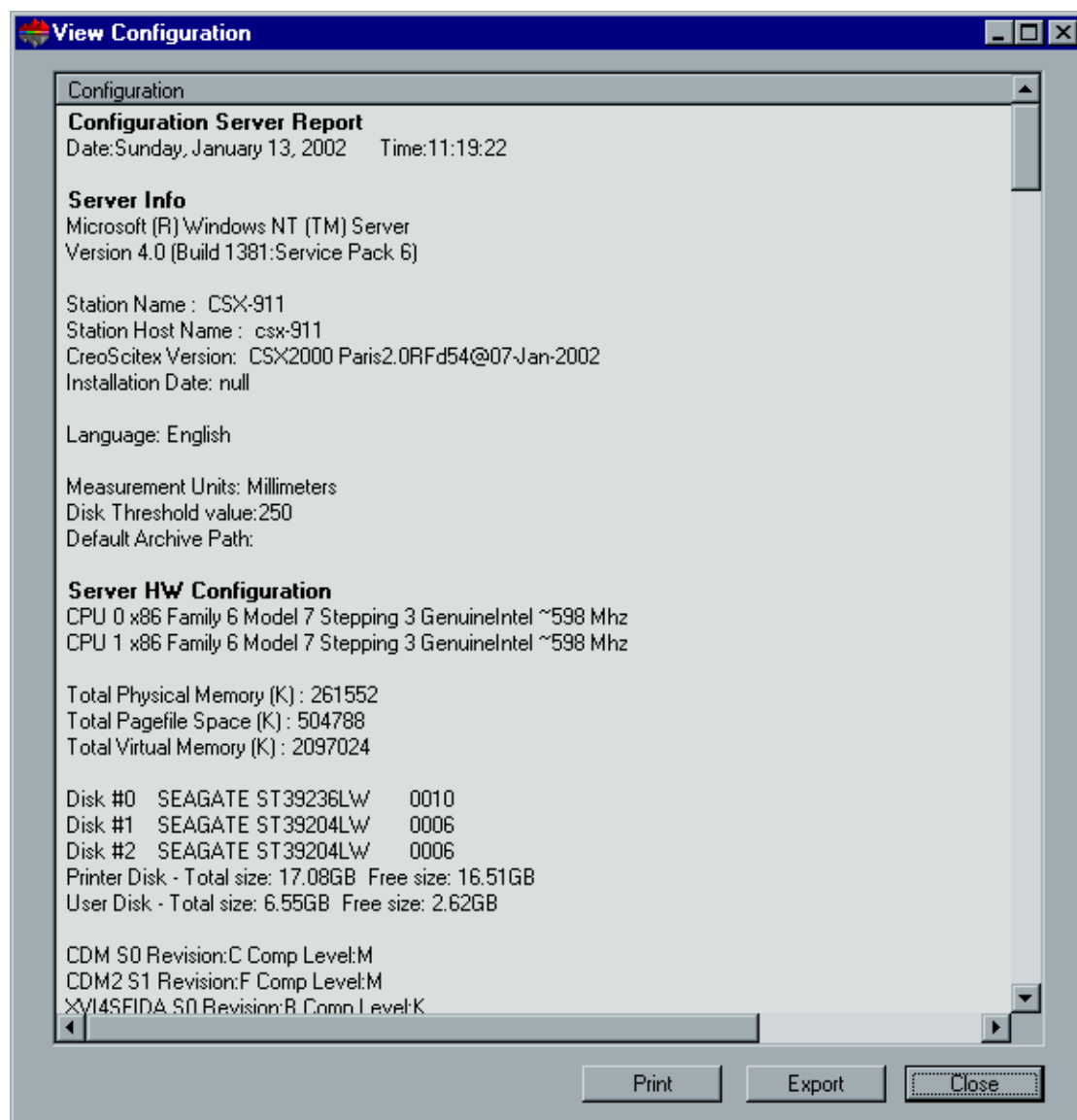


Further information about configuring the connection between the CSX2000 Color Server and a Novell NDS Server, in a Novell working environment, is provided in the *CSX2000 Color Server Installation Guide*.

Completing the Configuration

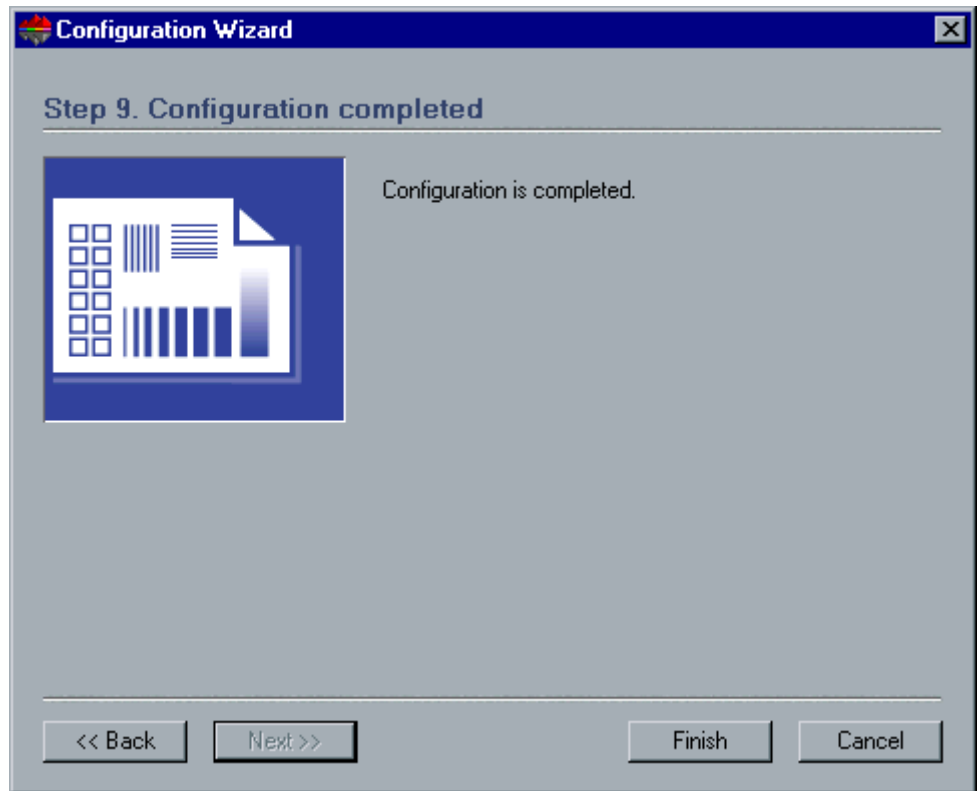
To complete the configuration:

1. After the installation is complete, the *View Configuration* window is displayed.



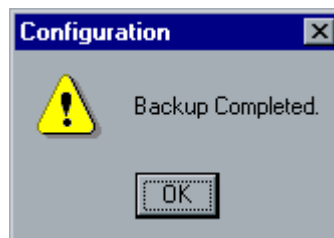
2. Click **Close**.

The following window is displayed:



3. Click **Finish** to complete the First-time setup.

When the backup is complete, the following message appears.



4. Click **OK.**

The CSX2000 Color Server workspace appears on your screen.

5. Close the CSX2000 Color Server application and format the Image disks. Refer to *Section Format Image Disk on page 149*.

6. Close any open applications and from the **Start menu, select **Shutdown**. Then, select **Restart the Computer**, and click **Yes**.**

The CSX2000 Color Server workspace automatically appears on your screen.

Format Image Disk

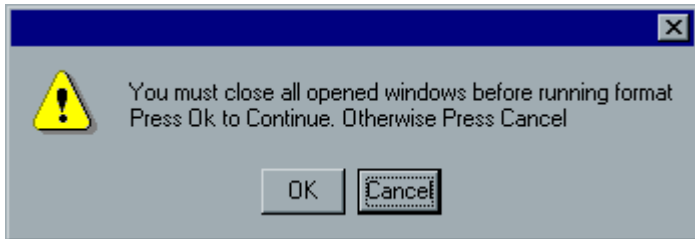
To format the Image disks:



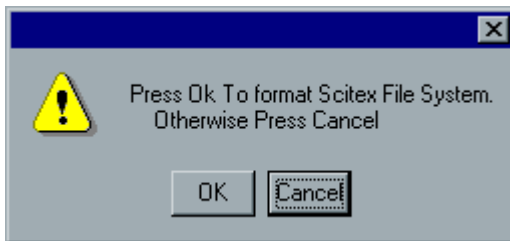
Note: Before you begin you should make sure that all applications are closed.

1. From the Windows task bar, execute the following sequence:
Start>CSX2000>CSX2000 Tools>Format Image Disks.

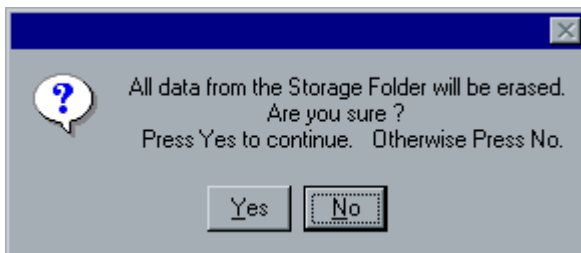
The following screen appears.



2. Close the applications and windows, then click **OK** to continue.
3. Click **OK** to format the Image Disks in Scitex File System format.



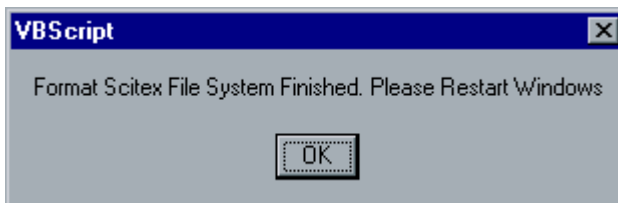
The following screen appears.



All files in the Storage Folder will be erased.



6. When the formatting is complete the following message appears. Click **OK** and then restart your computer.



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Chapter 3

Upgrading the Software

Software Upgrade 154

Software Upgrade

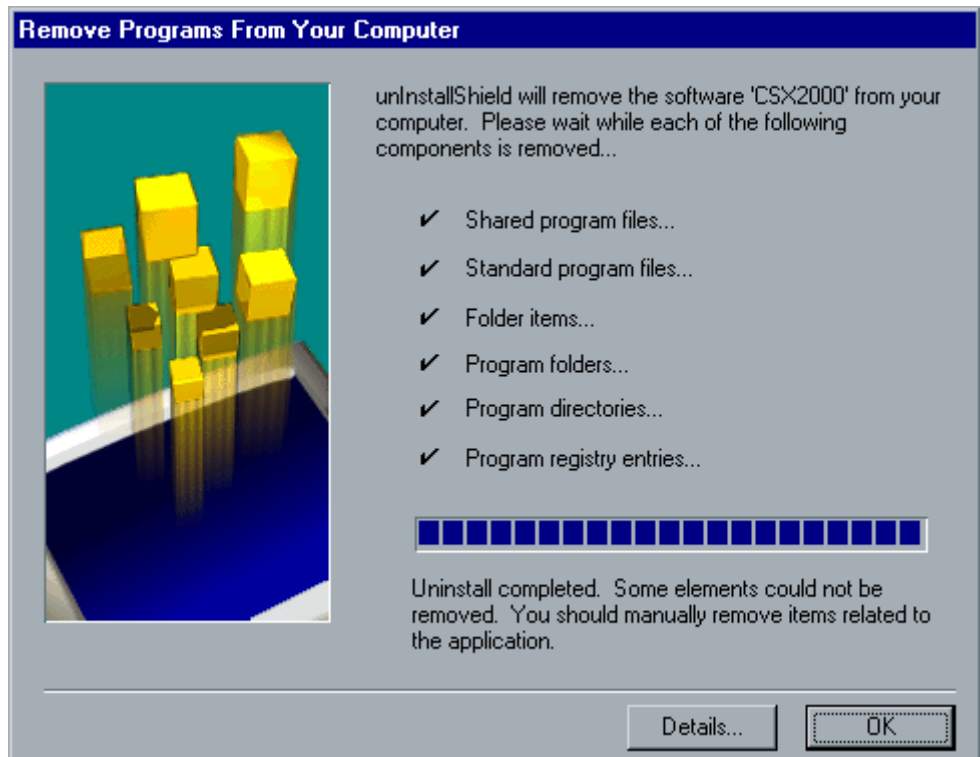


Note: This section does not reload the operating system, if you need to reload Windows NT, see “Reinstalling the Operating System” on page 106 for details.

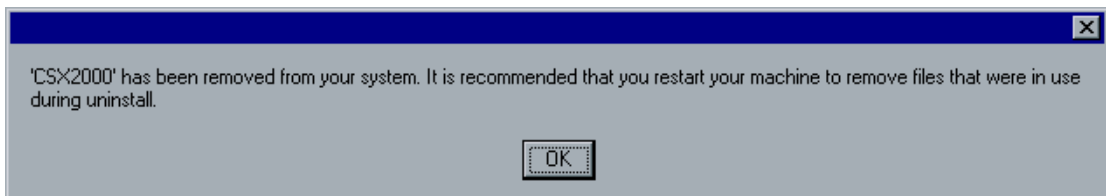
To update the software:

1. Before you begin upgrading the CSX2000 Color Server software you should backup your current configuration (refer to “Configuration Backup and Restore” on page 206).
2. Exit the CSX2000 Color Server: 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 **CSX2000** and then click **Add/Remove**.
5. Click **Yes** when prompted to remove the CSX2000 Color Server application.
6. Click **Yes to All** when prompted to remove all shared files, and then click **Yes** to confirm.

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

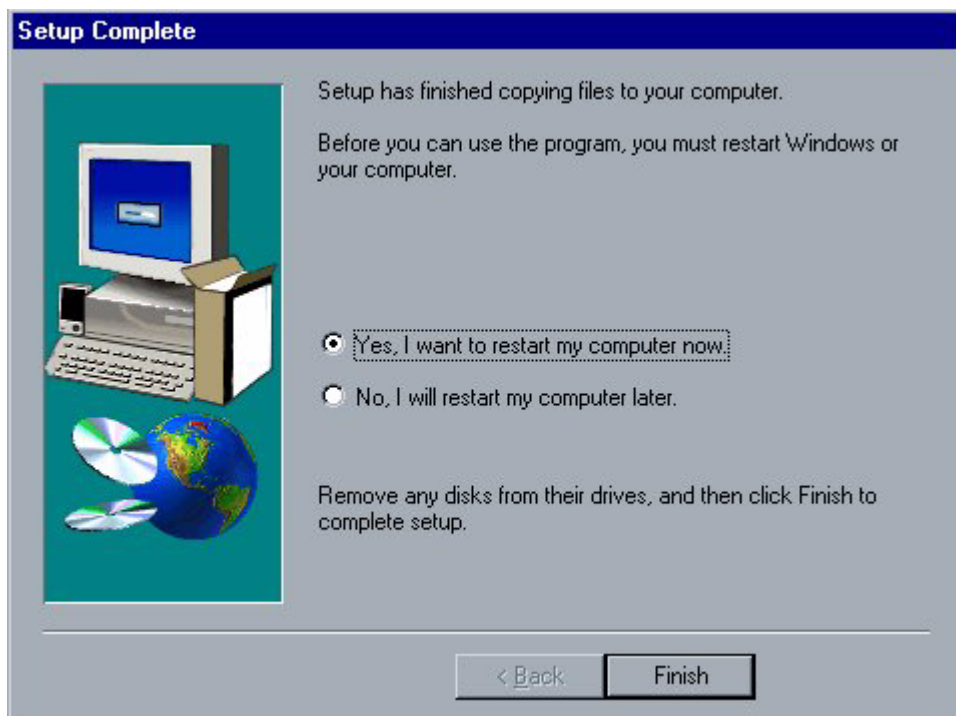


8. Click **OK** when the uninstall is complete.
9. Click **OK** when the following message appears. Click **OK** also if an *Uninstall* message appears.



10. Close the *Control Panel* window.
11. Click **OK** to close the *Add/Remove Programs Properties* window.

12. From the **Start** menu, select *Shutdown > Restart the Computer*, to restart the CSX2000 Color Server. Click **Yes** to confirm your choice.
13. Once the CSX2000 Color Server has rebooted insert the CSX2000 Color Server Application Software CD#2 and browse the CD-ROM to CSX2000_2.0 folder, and locate the **Setup.exe** file. Then, double-click this file to run Setup. If a *Services or driver fail* message appears, click **OK**.
14. Click **Yes** to the accept the licence agreement.
15. Click **Yes** if any other messages appear.
16. When the setup is complete, click **Finish** to reboot the CSX2000 Color Server.



The Software upgrade is now complete.

Chapter 4

Administering the System

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The Administration Window

The CSX2000 Color Server contains several utilities that enable you to manage your system.

The following system utilities are available:

- General Setup
- Resource Manager
- Network Setup
- Preferences
- Utilities

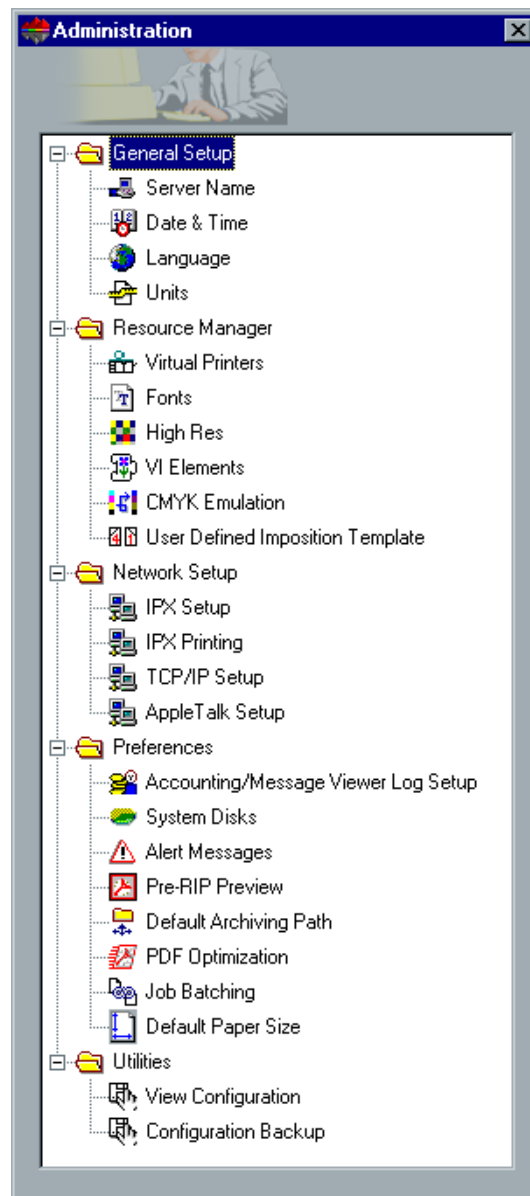


To access these utilities, click the **Admin** button on the **Pathways** panel.

Or:

From the **Tools** menu, select **Administration**.

The *Administration* window appears.

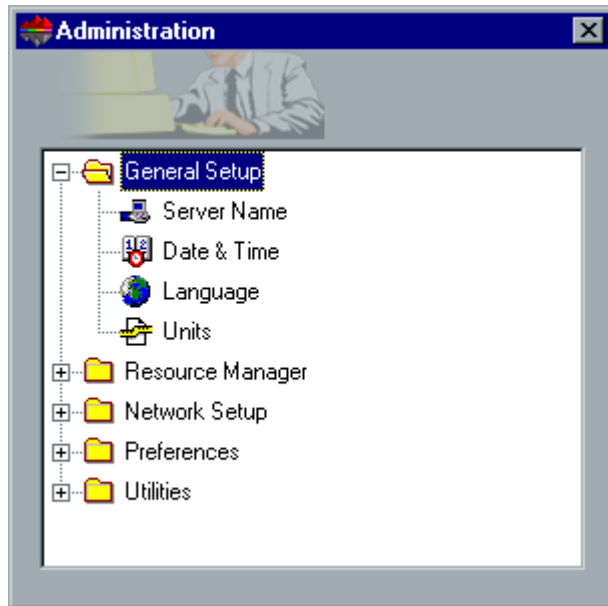


General Setup

The General Setup utility enables you to change the system parameters, such as the hostname of your CSX2000 Color Server, the system's date and time, the user interface language.

To open the General Setup utilities:

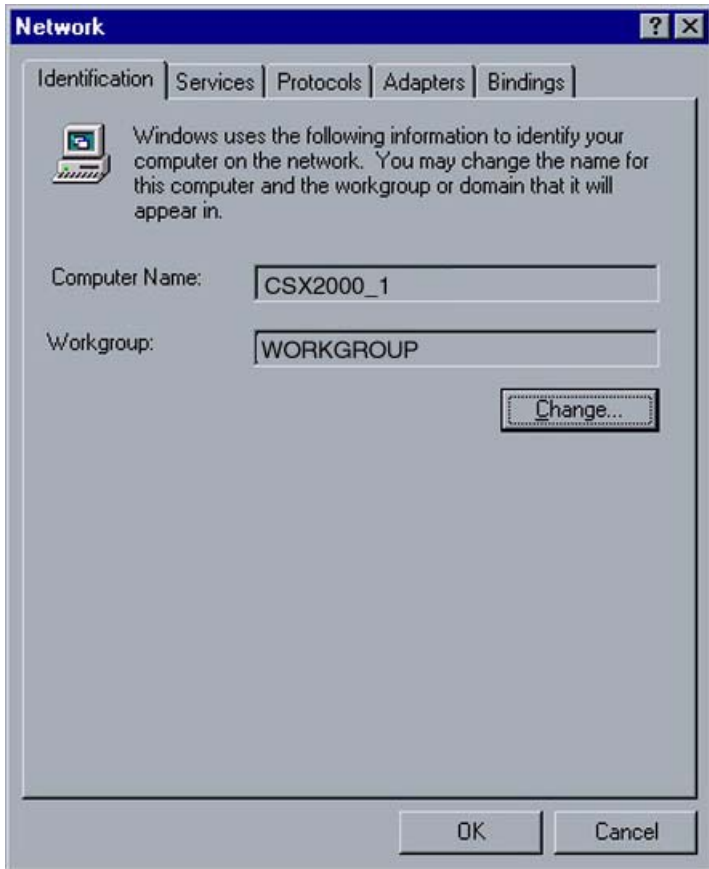
1. Open the *Administration* window and double-click **General Setup** to expand the folder.



Changing the Server Name

To change the server hostname:

1. In the **General Setup** folder, double-click **Server Name**. The *Network* dialog box appears.



2. In the **Identification** tab, click the **Change** button.
The *Identification Changes* dialog box appears.

Identification Changes

Windows uses the following information to identify your computer on the network. You may change the name for this computer, the workgroup or domain that it will appear in, and create a computer account in the domain if specified.

Computer Name: CSX2000_1

Member of

☒ Workgroup: WORKGROUP

☐ Domain:

☐ Create a Computer Account in the Domain

This option will create an account on the domain for this computer. You must specify a user account with the ability to add workstations to the specified domain above.

User Name:

Password:

OK Cancel

3. In the **Computer Name** field, type a new name for the computer.
4. If you want to change the **Workgroup** or the **Domain** in which your computer appears, type a new name in the corresponding field.



Important Note: do not change the Workgroup or Domain unless instructed to.

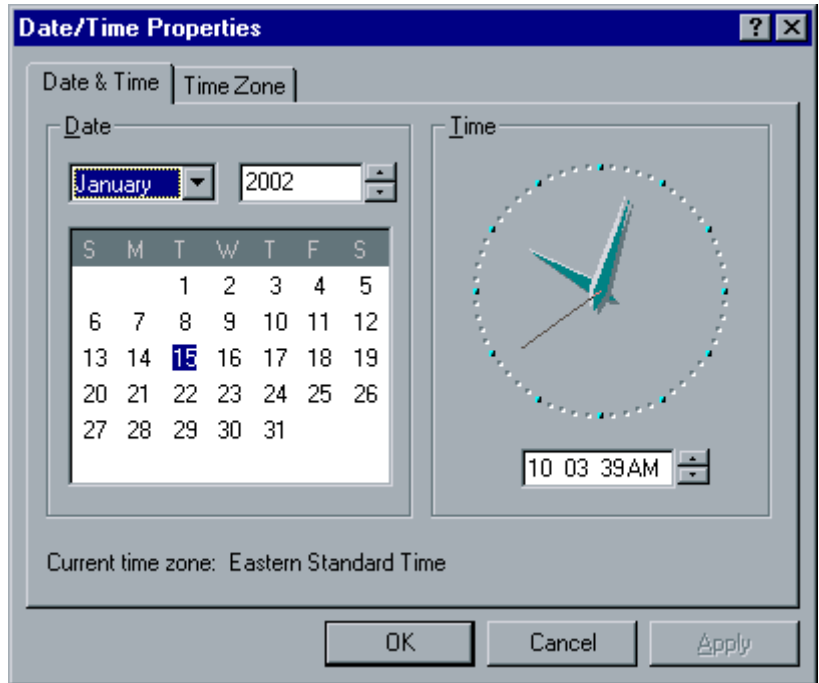
The system prompts you to reboot your computer for the new settings to take effect.

5. Click **No** if you want to change other system parameters or click **Yes** and reboot your computer.

Changing the Date & Time

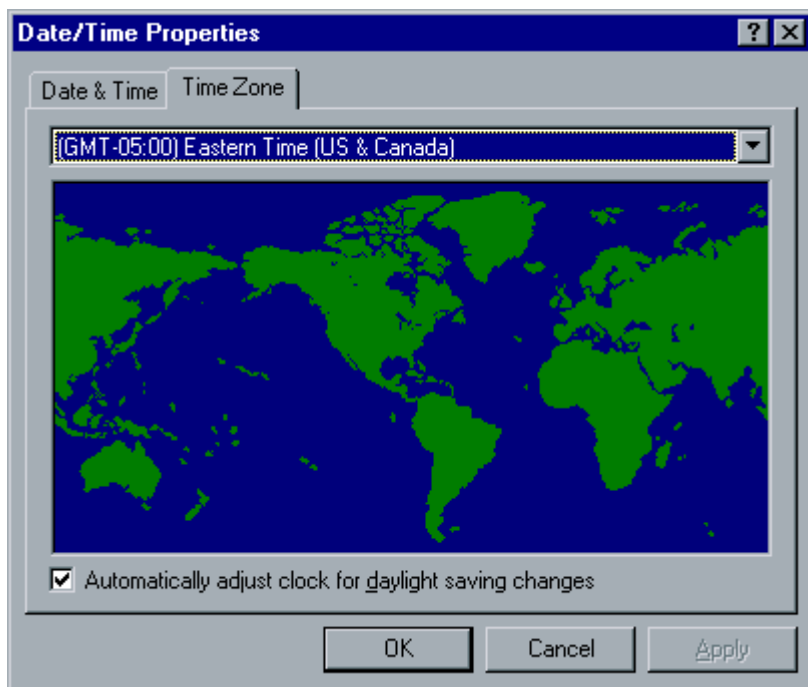
To change the system date and time:

1. In the **General Setup** folder, double-click **Date&Time**.
The *Date/Time Properties* dialog box appears.



2. In the **Date & Time** tab, select your local time settings.

3. Select the **Time Zone** tab and set the correct time zone.

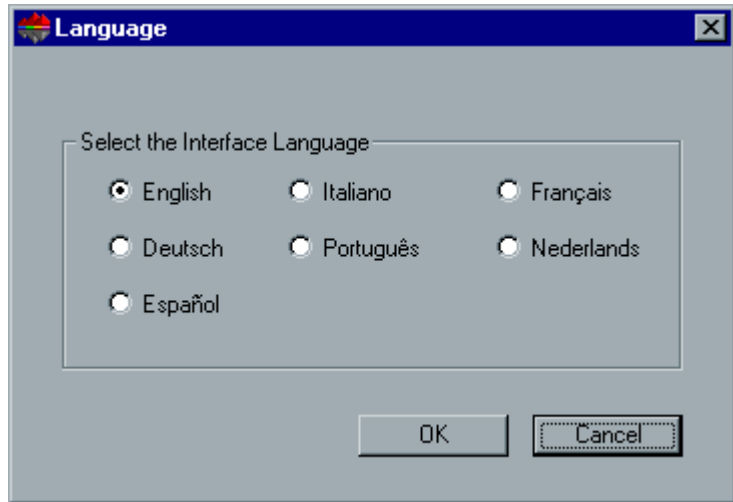


4. Click **OK**.

Selecting the User Interface Language

To select the user interface language:

1. In the **General Setup** folder, double-click **Language**.
The *Language* dialog box appears.

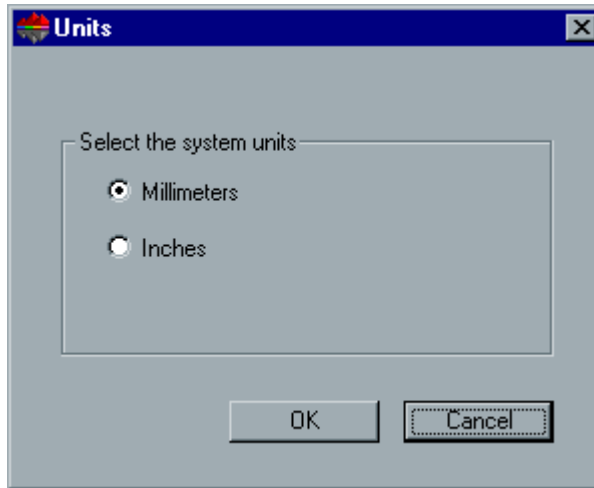


2. Select the interface language you would like to use, and click **OK**.
The system prompts you to reboot your computer for the new settings to take effect.
3. Click **No** if you want to change other system parameters or click **Yes** and reboot your computer.

Setting the Default Unit of Measurement

To set the default unit of measurement:

1. In the **General Setup** folder, double-click **Units**.
The *Units* dialog box appears.



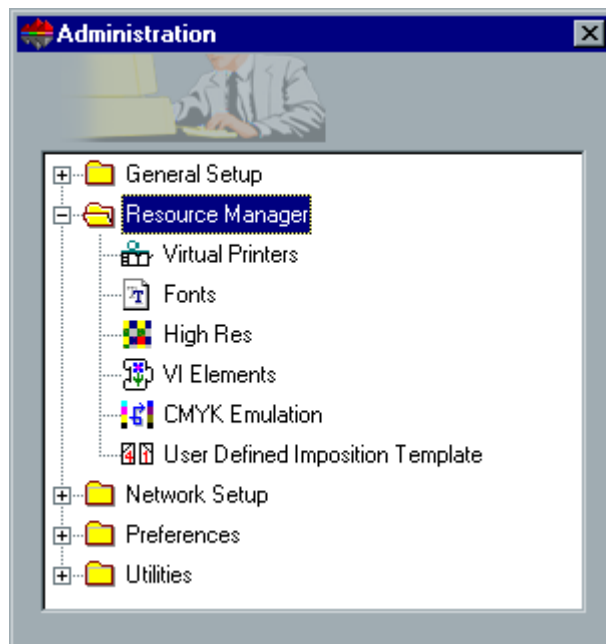
2. Select the required system measurement unit and click **OK**.

The Resource Manager

The Resource Manager utility enables you to manage the virtual printers, add and delete fonts, manage the high-res files used for APR and manage your VI elements. In addition, you can create and manage CMYK emulations and import user defined imposition templates.

To open the Resource Manager utilities:

1. In the *Administration* window, double-click **Resource Manager** to expand the folder.



Virtual Printers

A virtual printer is a printer published on the network with specific parameters set for processing and printing on the CSX2000 Color Server. The CSX2000 Color Server contains a mechanism that automatically installs the published virtual printers on your client workstation with the PPD and suitable printer driver.

The CSX2000 Color Server is predefined with three virtual printers:

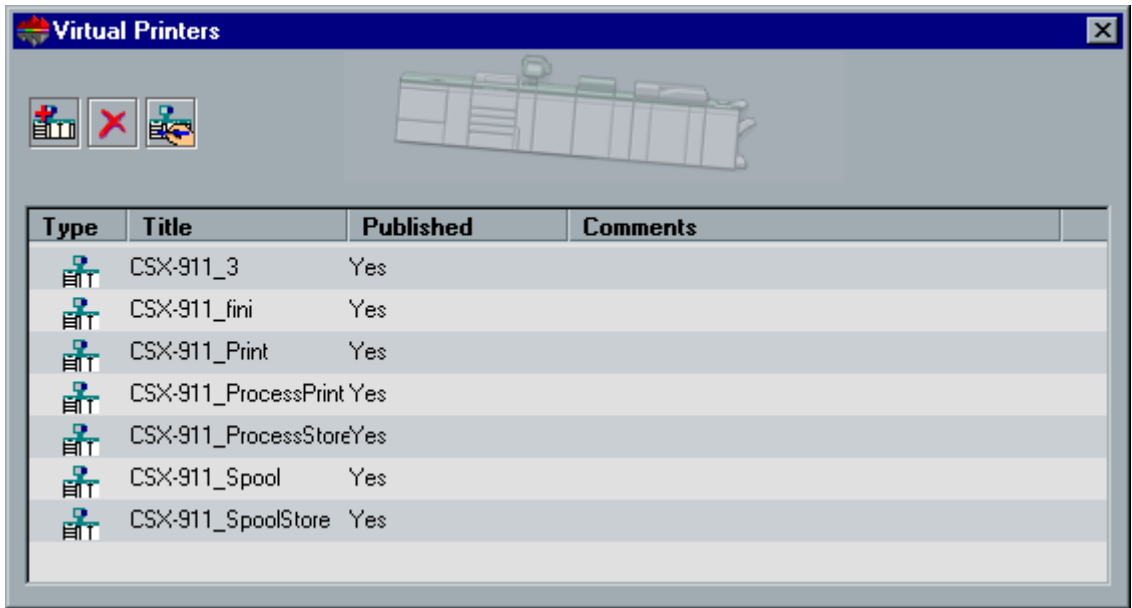
- **ProcessPrint**
Files sent to this printer are automatically processed and printed to the printer through the CSX2000 Color Server.
- **ProcessStore**
Files sent to this printer are automatically processed and printed to the Storage Folder of the CSX2000 Color Server. You can later submit the jobs 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 CSX2000 Color Server's *Storage Folder* until the print operator submits them for processing and printing.

If a job that is sent from the client, or downloaded to a particular virtual printer, contains preset parameters from the PPD, these options overwrite the parameters set in the virtual printer for that job. The 'Printer Default' options defined in the PPD use the default parameters set for that particular virtual printer.

Adding a new Printer

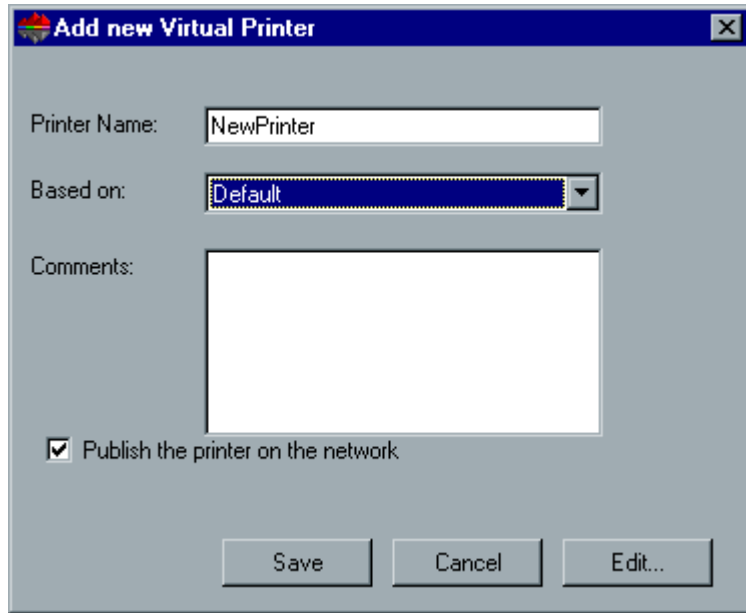
To add a new printer:

1. In the **Resource Manager** folder, double-click **Virtual Printers**.
The *Virtual Printers* dialog box appears.



2. Click the **Add New Virtual Printer** button.

The *Add New Virtual Printer* dialog box appears.



3. In the **Printer Name** field, type a name for the new printer you want to add.
4. From the **Based on** list, select an existing printer with similar settings. Modify the settings you want to change or add to the new printer.
5. In the **Comments** field, type any comment regarding the virtual printer parameters (optional).
6. The **Publish the printer on the network** check-box is selected by default. Clear the check-box if you do not want to publish the printer on the network.
7. Edit the Job Parameters of your new virtual printer. Refer to “Editing an Existing Printer” on page 171.



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

8. Click **Save**.
The new printer appears in the printer list.

Editing an Existing Printer

To edit an existing printer:



1. In the *Virtual Printers* dialog box, select a printer from the list and click the **Edit Virtual Printer** button.

Or:

Right-click one of the existing printers and select **Edit Virtual Printer**.

The *Virtual Printer* dialog box appears.

Virtual Printer

Printer Name:

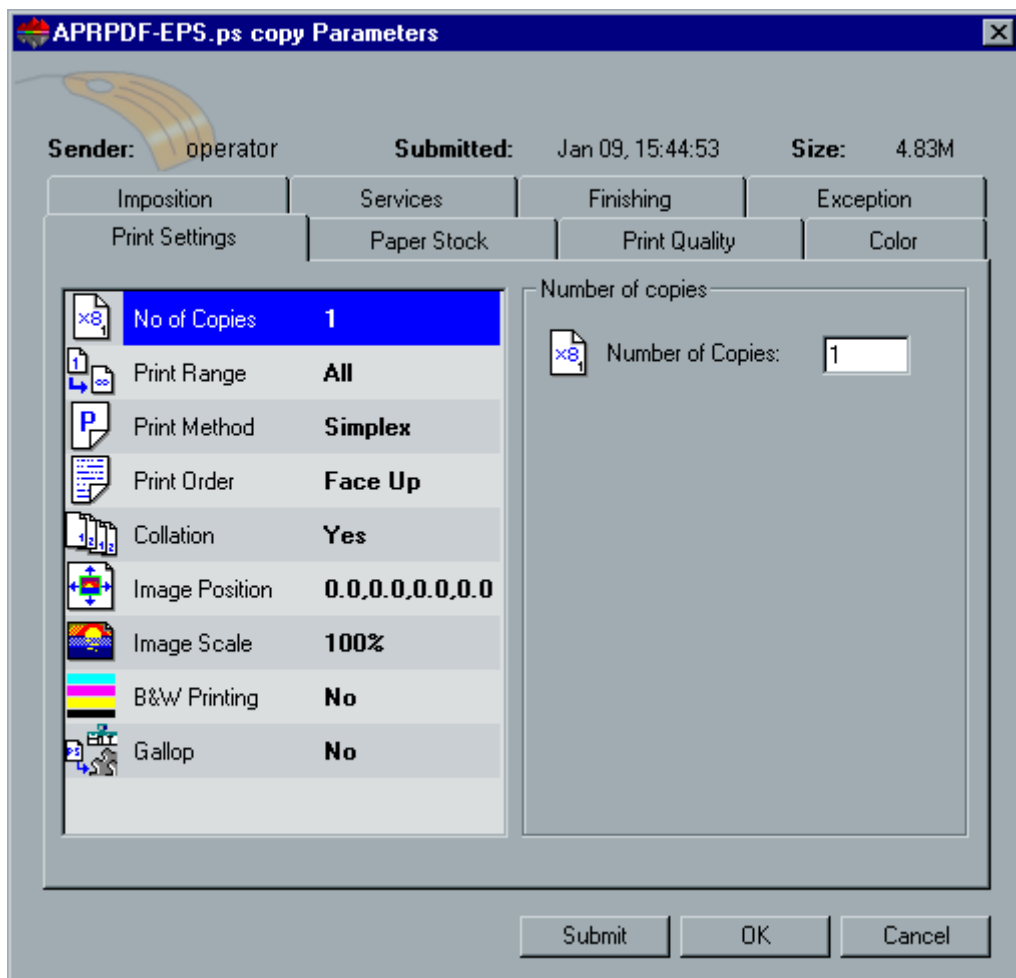
Based on:

Comments:

☒ Publish the printer on the network

2. Click **Edit.**

The *Parameters* window appears.



In the *Parameters* window, you can edit all job parameters. In each tab the left pane lists the parameters and the right pane displays the options for the selected parameter.

3. Select the required parameters and change their settings according to your requirements.



For additional details, refer to *The CSX2000 Color Server Printing Guide*, Chapter 3, *Basic Printing Workflow*, *Setting Job Parameters*.

4. Click **OK** to return to the *Virtual Printer* dialog box.
5. Click **Save** to save the new settings.

Deleting an Existing Printer

To delete an existing printer:

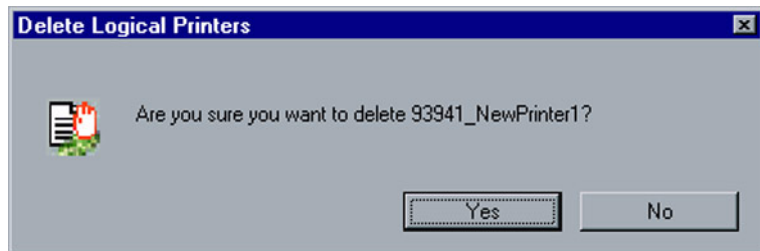


1. In the *Virtual Printers* dialog box, select a printer from the list and click the **Delete Virtual Printer** button.

Or:

Right-click one of the existing printers and select **Delete Virtual Printer**.

The *Delete Logical Printers* message appears.



2. Click **Yes** to delete the designated printer.

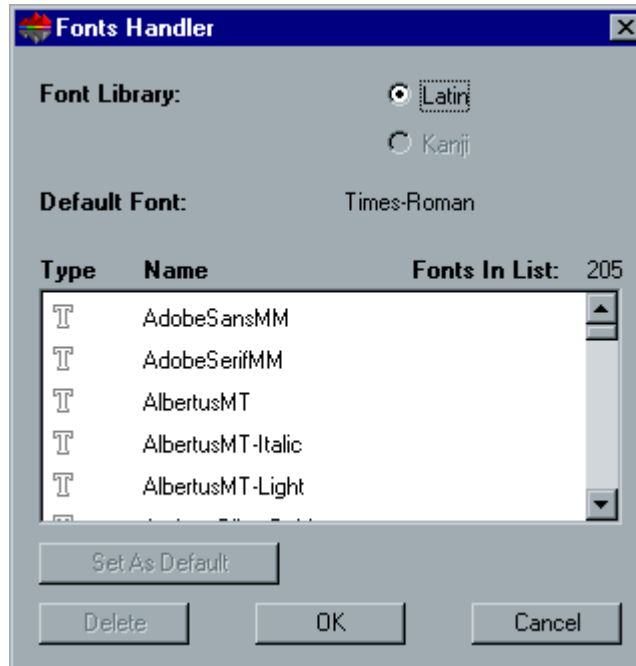


Do not delete default printers (ProcessPrint, ProcessStore, SpoolStore).

Fonts

To manager fonts on the CSX2000 Color Server:

1. In the **Resource Manager** folder, double-click **Fonts**. The *Fonts Handler* dialog box appears.



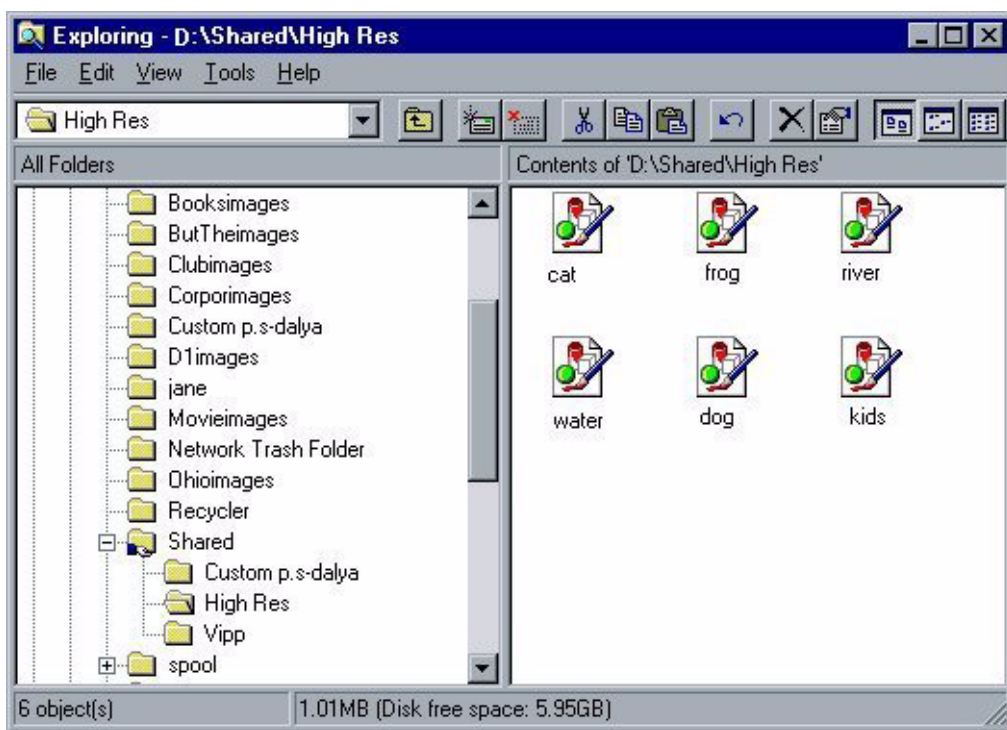
2. To set the default font, select a font in the font list, and click the **Set As Default** button.
3. To delete a font, select the font you want to delete, and click **Delete**.
4. Click **OK** to confirm the changes and to return to the *Administration* window.
5. To add new fonts to the CSX2000 Color Server, copy the new font/s to the *C:\CSX2000\General\RIP\Font* folder.

High-Res

The High Res utility in the Resource Manager enables you to organize your high-resolution files. You can add or delete files, copy files from a local hard disk, from the network, or from an external media (for example, *CD-ROM or floppy*). The default shared folder dedicated to high-res files resides in *D:\Shared\HighRes*.

To organize your high-res files:

1. In the **Resource Manager** folder, double-click **Hi-Res**.
Windows Explorer displays the contents of your **High-Res** folder.



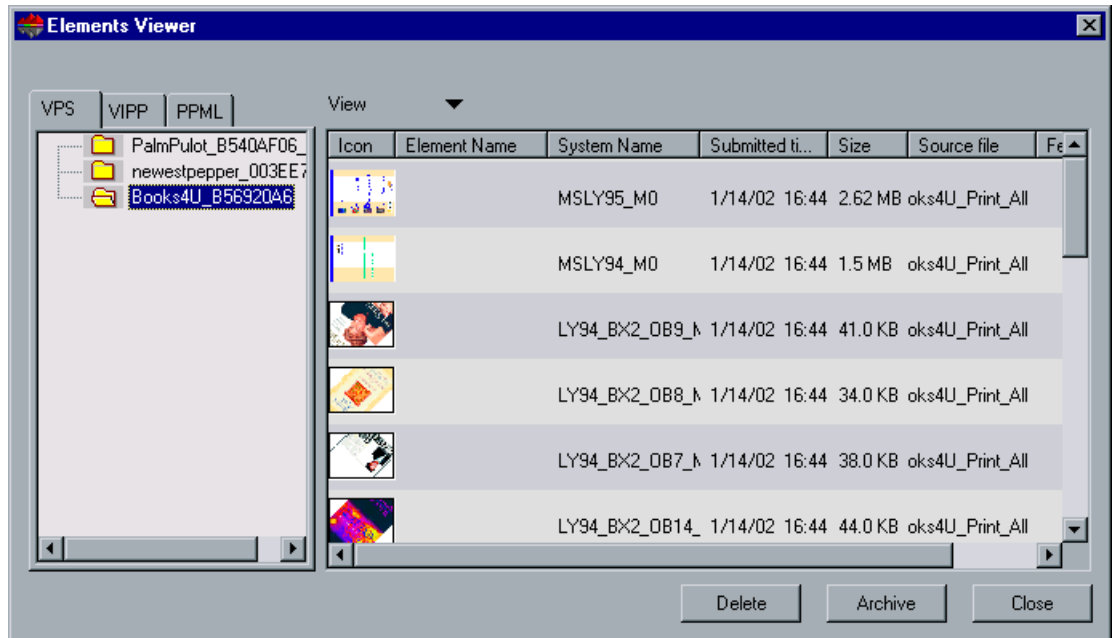
2. You can add files to the High-Res folder; delete files from it, and copy files from external media.

VI Elements

The VI (Variable Information) Elements utility enables you to organize VI elements on your system.

To open the VI elements Viewer window:

1. In the **Resource Manager** folder, double-click **VI Elements**.
The *Elements Viewer* dialog box appears.



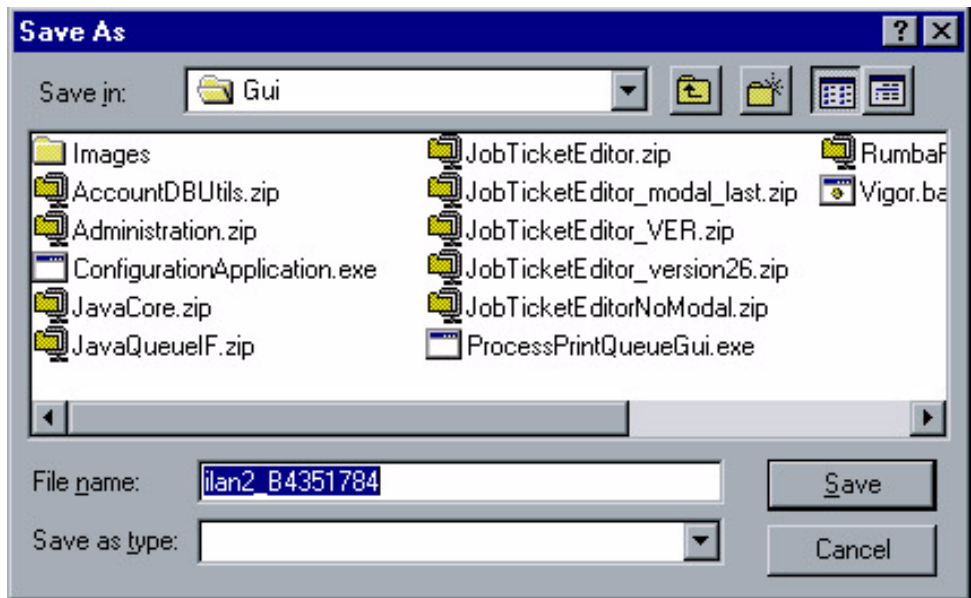
Your VI jobs are displayed on the left pane. The right pane lists the elements associated with your jobs, and a thumbnail of a selected element.

To delete VI elements:

- Select the elements you want to delete, and click **Delete**.

To archive your VI elements for future use:

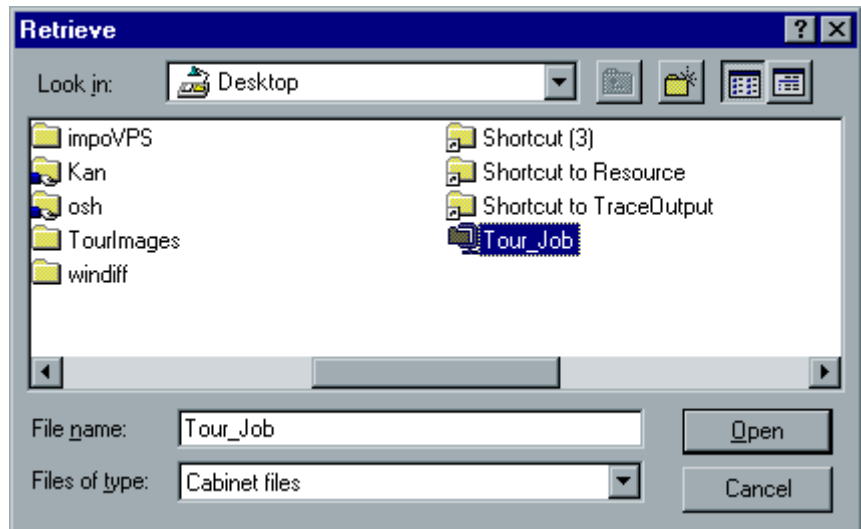
1. Click the **Archive** button.
The *Save As* dialog box appears.



2. Choose the required archive location for the VI elements, and click **Save**.

To retrieve VI elements from archive:

1. From the **Job** menu, select **Retrieve from Archive**.
The *Retrieve* dialog box appears.



2. Double-click the folder where your VI elements have been archived.

Or:

Select the folder and click the **Open** button.

The archived VI elements are retrieved.



The archived job name is replaced by the original job name when the job is retrieved.

CMYK Emulation

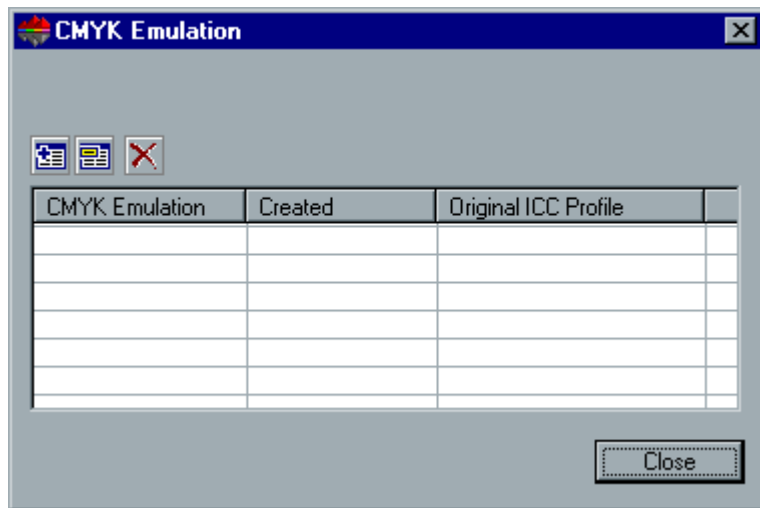
The CMYK Emulation utility enables you to create new CMYK emulations based on ICC profiles of various output devices and add them to the CSX2000 Color Server pre-installed CMYK emulation. In addition, you can rename or delete existing emulations.

Adding a CMYK Emulation

To add a CMYK Emulation:

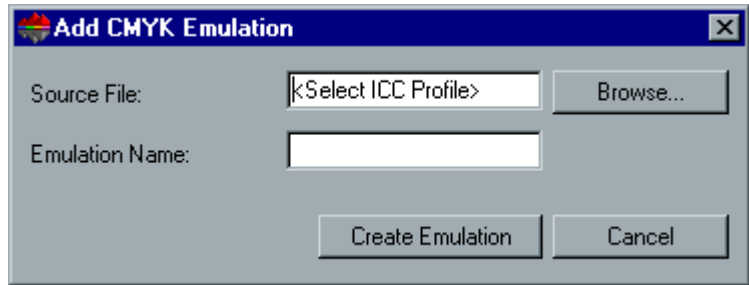
1. In the **Resource Manager** folder, double-click **CMYK Emulation**.

The *CMYK Emulation* dialog box appears.





2. Click the **Add Color Emulation** button.
The *Add CMYK Emulation* dialog box appears.



3. Click **Browse** to locate the ICC profile of the device you want to emulate. Once a profile is selected, confirm or modify the emulation name, and click the **Create Emulation** button.

A new CMYK emulation transformation, based on the selected ICC profile, is created and listed in the *CMYK emulation* list.

Renaming an Existing CMYK Emulation

To rename an existing CMYK emulation:

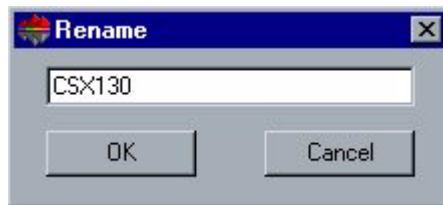


1. In the *CMYK Emulation* dialog box, select a CMYK emulation from the list and click the **Rename Emulation** button.

Or:

Double-click the emulation you want to rename.

The *Rename* dialog box appears.



2. Type in a new name for the emulation, and click **OK**.
The emulation with the new name is listed in the *CMYK emulation* list.

Deleting an Existing CMYK Emulation

To delete an existing CMYK emulation:



- In the *CMYK Emulation* dialog box, select a CMYK emulation from the list and click the **Delete Color Emulation** button.

User Defined Imposition Template

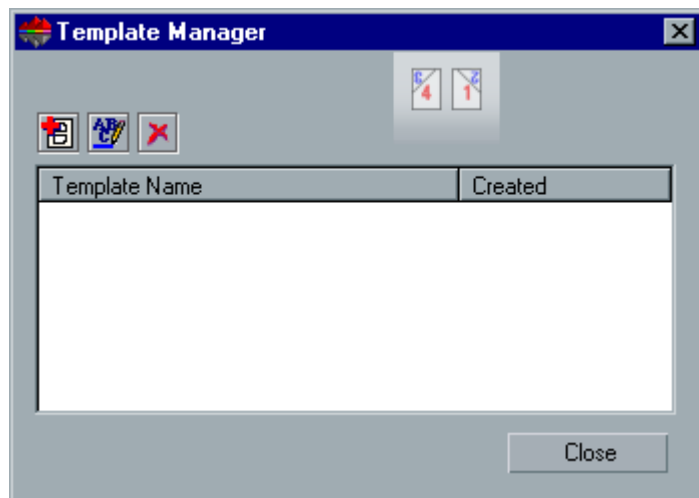
The User Defined Imposition Template utility enables to import and manage, user defined imposition templates (created in a stand-alone application) in the CSX2000 Color Server.

Importing User Defined Imposition Templates

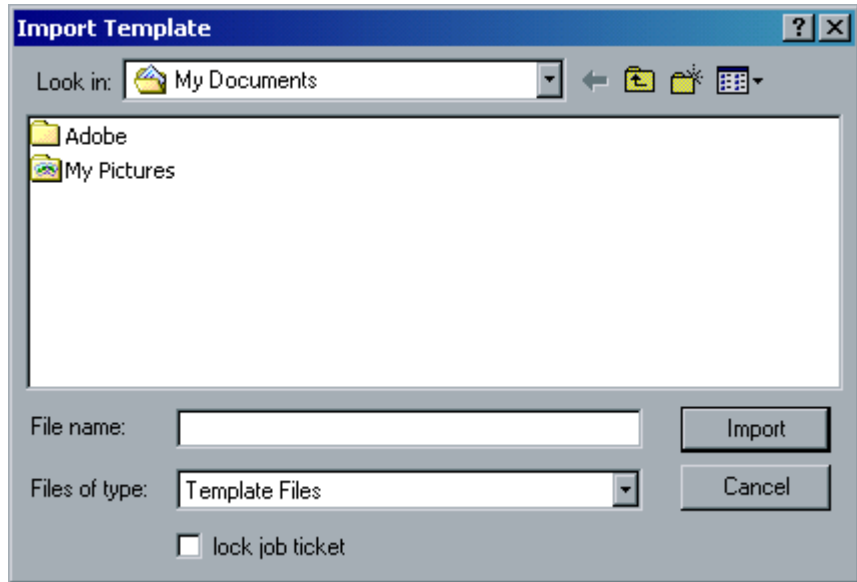
To import a user defined imposition template:

1. In the **Resource Manager** folder, double-click **User Defined Imposition Template**.

The *Template Manager* dialog box appears.



2. Click the **Import Template** button.
The *Import Template* dialog box appears.



3. Browse to the location of the user defined template and click the **Import** button.
4. Select the **lock job ticket** check-box if you would like the template to be locked so that no imposition parameters may be applied (in the *Job Parameters* window).
5. Repeat the above procedure to add additional user defined imposition templates.

Renaming a User Defined Imposition Template

To rename an existing user defined imposition template:



1. In the *Template Manager* dialog box, select a user defined imposition template from the list and click the **Rename** button.
Or:
Right-click a user defined imposition template you want to rename and from the menu select **Rename**.
The user defined imposition template name becomes active.
2. Type a new name for the user defined imposition template.

3. Click outside the name box of the user defined template.
The user defined imposition template with the new name is listed in the user defined imposition template list.

Deleting a User Defined Imposition Template


To delete an existing user defined imposition template:



- In the *Template Manager* dialog box, select a user defined imposition template from the list and click the **Delete** button.
Or:
Right-click a user defined imposition template you want to delete and from the menu select **Delete**.
The selected user defined imposition template is deleted.

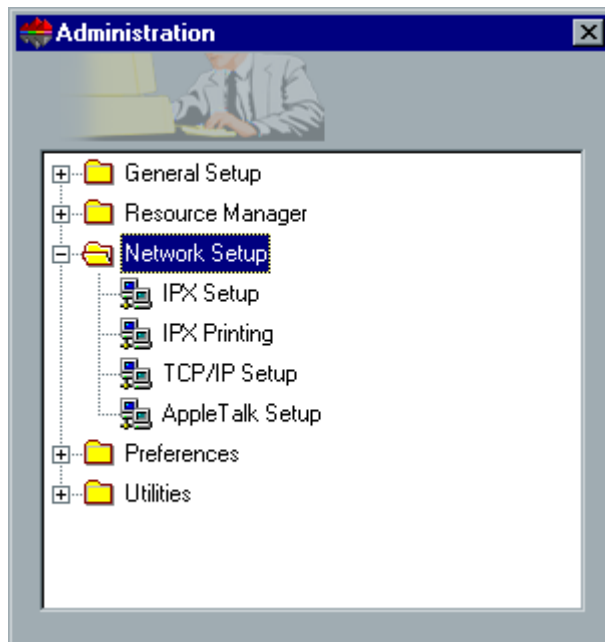
Network Setup

The Network Setup utility enables you to change settings in the IPX, TCP/IP and in the Apple Talk Setup.

 Before changing the network settings, consult your System Administrator.

To open the Network Setup utilities:

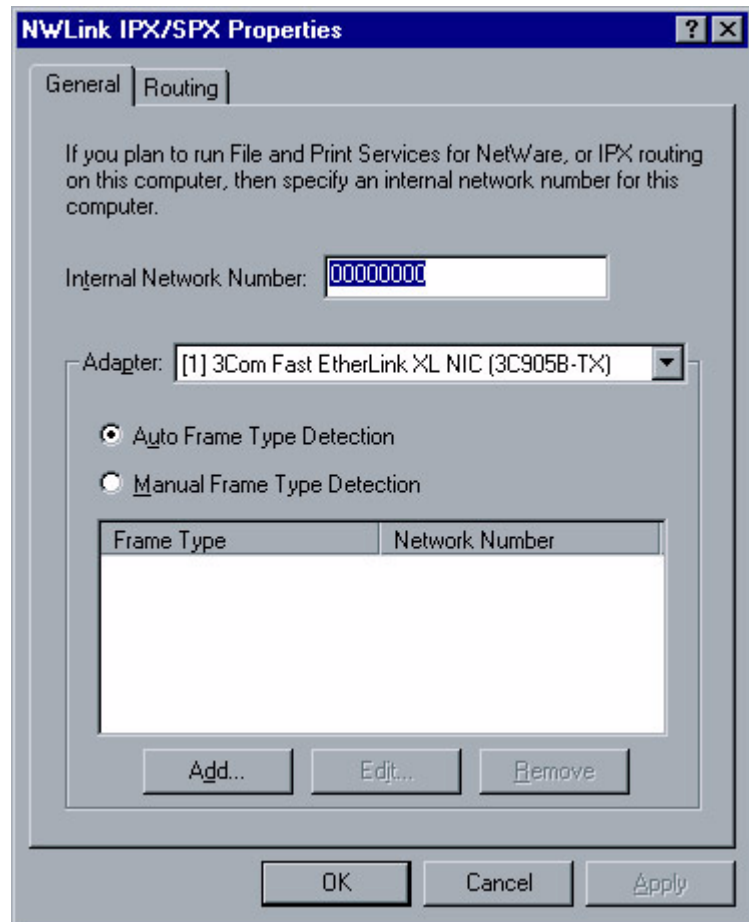
- In the *Administration* window, double-click **Network Setup** to expand the folder.



IPX Setup

To change the IPX network settings:

1. In the **Network Setup** folder, double-click **IPX Setup**.
The *NWLink IPX/SPX Properties* dialog box appears.



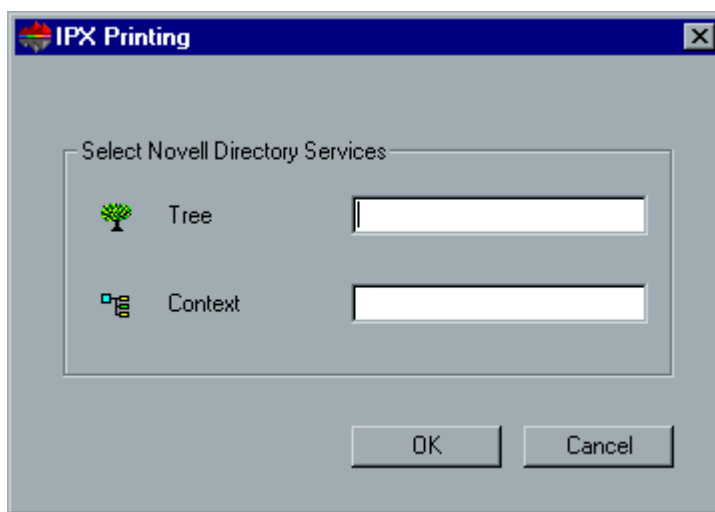
2. To change the frame type, click **Manual Frame Type Detection** and select a frame type from the *Frame Type* list, then click **Apply**.
3. Click **OK** to return to the *Administration* window.
You are prompted to restart your computer.
4. Click **No** if you need to make more changes, or **Yes** to reboot.

IPX Printing

IPX printing enables the CSX2000 Color Server to act as a job server for the Novell queue. A job server checks each assigned queue at a specified interval, taking care of jobs on a first-in, first-out basis. Once a job is processed, its associated file is deleted from the queue directory.

To setup the CSX2000 Color Server IPX parameter:

1. In the **Network Setup** folder, double click **IPX Printing**. The *IPX Printing* dialog box appears.



2. Type the name of the exact name of the Novell **Tree** and full **Context** path, as defined by the Novell NDS Administrator.
3. Click **OK**.



Using this procedure requires further setup by the network administrator. Refer to "Novell NDS - Setup and Configuration in the *CSX2000 Color Server Installation Guide*."

TCP/IP Setup

The CSX2000 Color Server is predefined with a default IP address. The TCP/IP option enables you to change this IP address and other TCP/IP settings.



Before changing the network settings, consult your System Administrator.

To change the TCP/IP network settings:

1. In the **Network Setup** folder, double-click **TCP/IP Setup**. The *Microsoft TCP/IP Properties* dialog box appears.

Microsoft TCP/IP Properties [?] [X]

IP Address | DNS | WINS Address | DHCP Relay | Routing

An IP address can be automatically assigned to this network card by a DHCP server. If your network does not have a DHCP server, ask your network administrator for an address, and then type it in the space below.

Adapter:
[1] 3Com Fast EtherLink XL NIC (3C905B-TX)

☐ Obtain an IP address from a DHCP server

☒ Specify an IP address

IP Address: 192 . 9 . 100 . 1

Subnet Mask: 255 . 255 . 255 . 0

Default Gateway: . . .

Advanced...

OK Cancel Apply

2. Change the IP Address by selecting **Obtain an IP address from a DHCP server** or **Specify an IP address**. If you select the latter, you need to type the data for the IP Address, the Subnet Mask and the Default Gateway fields.
3. After making the changes, click **Apply**; then click **OK**. You are prompted to restart your computer.
4. Click **No** if you need to make more changes, or **Yes** to reboot.

AppleTalk Setup

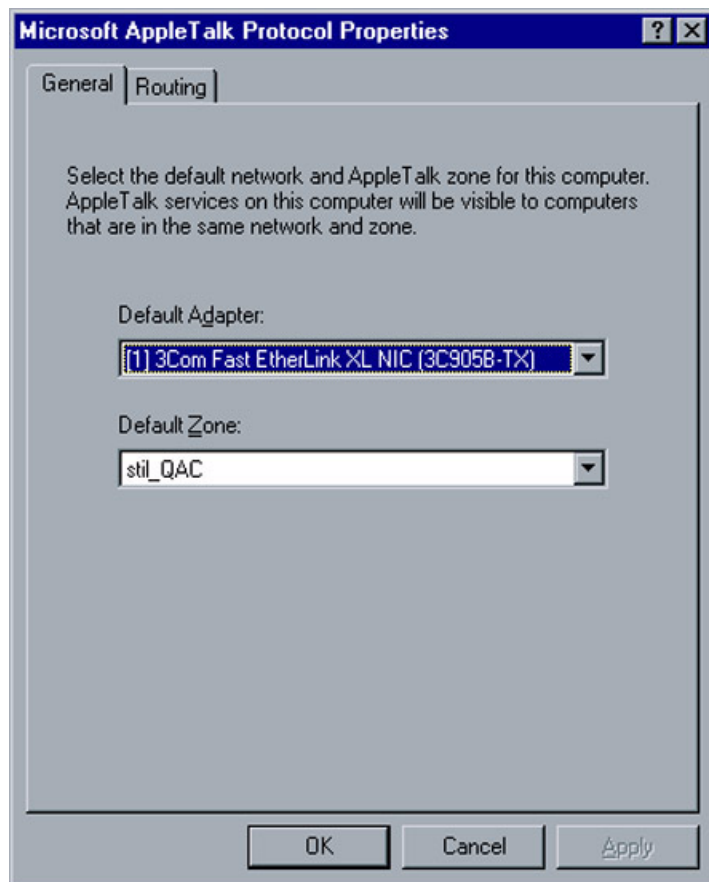
The AppleTalk Setup utility enables you to change the AppleTalk zone in which your CSX2000 Color Server is located.

To change the AppleTalk network settings:

1. In the **Network Setup** folder, double-click **AppleTalk Setup**.
The *Microsoft AppleTalk Protocol Properties* dialog box appears.



If there are problems finding the desired AppleTalk zone and multiple zones exist, refer to Section “Reinstalling the Services for Macintosh” on page 115, and reinstall the service for Macintosh.



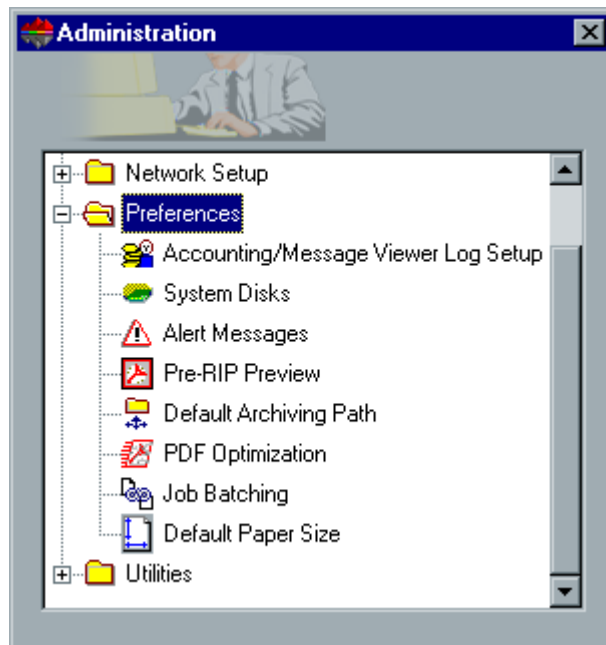
2. In the **General** tab, from the **Default Zone** list, select the AppleTalk zone for your computer, and click **Apply**.
3. Click **OK**.

Preferences

The Preferences utility enables you to change several settings such as the log file generated by the *Accounting* and *Message Viewer* applications and the System Disks threshold. In addition you may define the appearance of the alert messages, the number of booklets in the VI View Options and set the Default Archiving Path and Default Paper Size.

To open the Preferences utilities:

- In the *Administration* window, double-click **Preferences** to expand the folder.



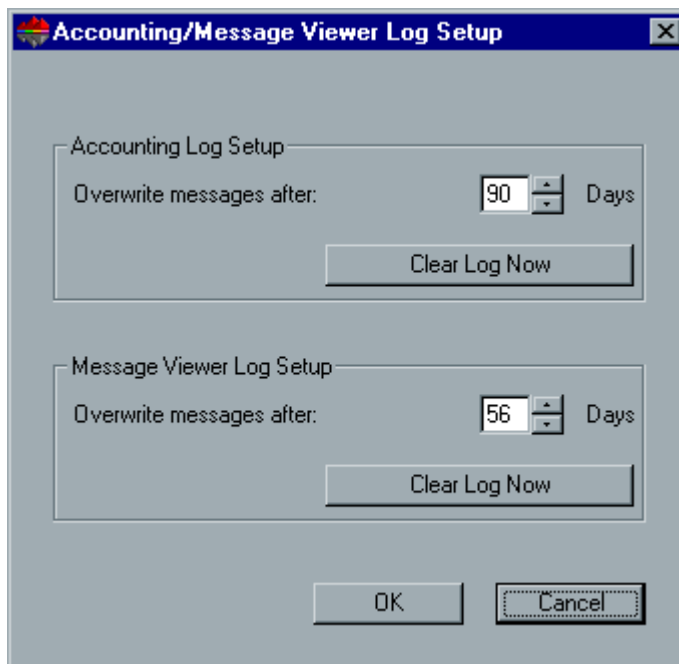
Accounting/Message Viewer Log Setup

By default, all the jobs that were handled during the past 90 days are listed in the CSX2000 Color Server *Accounting* window, and all the jobs that were handled during the past 56 days are listed in the CSX2000 Color Server *Message Viewer*.

This utility enables you to specify different values for how long information remains before being overwritten.

To setup the accounting/message viewer:

1. In the **Preferences** folder, double-click **Accounting/ Message Viewer Log Setup**.
The *Accounting/ Message Viewer Log Setup* dialog box appears.



2. From the **Accounting Log Setup** area, and in the **Message Viewer Log Setup** areas, type the required values to specify how long information remains before being overwritten.
3. To remove all the existing information from the windows, whenever desired, click the **Clear Log Now** button.



For additional details, refer to *The CSX2000 Color Server Printing Guide*, Chapter 7, Job Accounting.

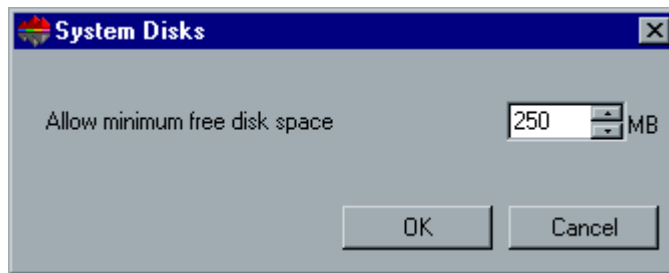
4. Click **OK** to confirm the changes you made.

System Disks

When the Printer or User Disks reach a pre-defined threshold (usually of 256 MB), RIP is suspended and the system provides a warning message. The RIP will resume automatically only after disk space is available.

To set the system disks threshold:

1. In the **Preferences** folder, double-click **System Disks**.
The *System Disks* dialog box appears.



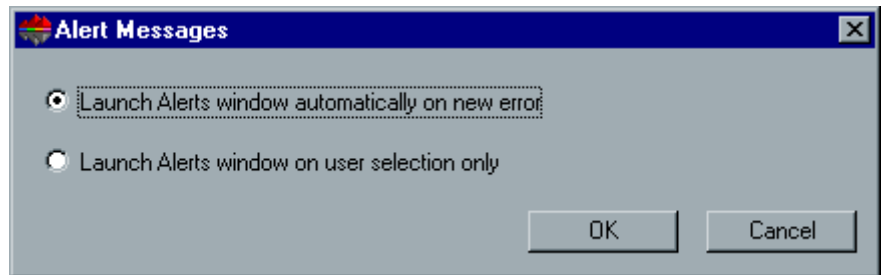
2. Set the minimum free disk space required for RIP.

Alert Messages

The Alert Messages utility enables you to select whether the *Alerts* window will open automatically, or not, when an error occurs.

To set the alert window settings:

1. In the **Preferences** folder, double-click **Alert Messages**.
The *Alert Messages* dialog box appears.

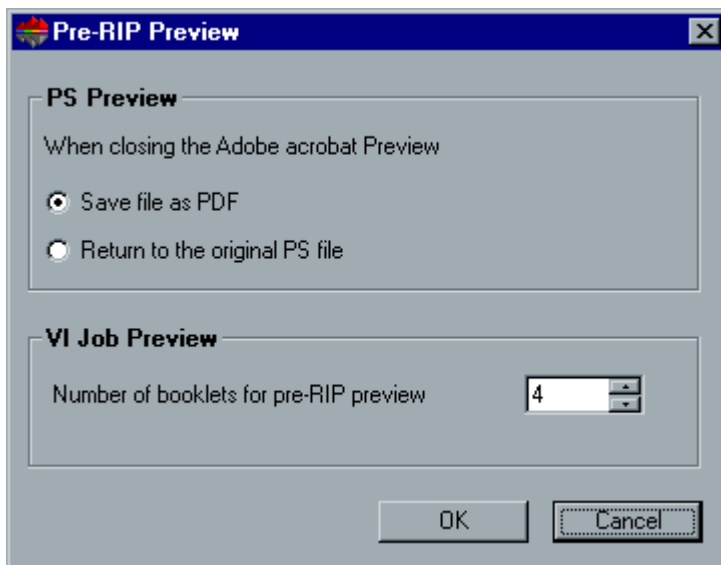


2. If you would like the *Alerts* window to appear whenever an error occurs, select **Launch Alerts window automatically on new error (default)**.
If you would like to open the *Alerts* window upon selection only, select **Launch Alerts window on user selection only**.
3. Close the *Alert Messages* dialog box.

Pre-RIP Preview

To define the **Pre-RIP preview**:

1. In the **Preferences** folder, double-click **Pre-RIP Preview**.
The *Pre-RIP Preview* dialog box appears.



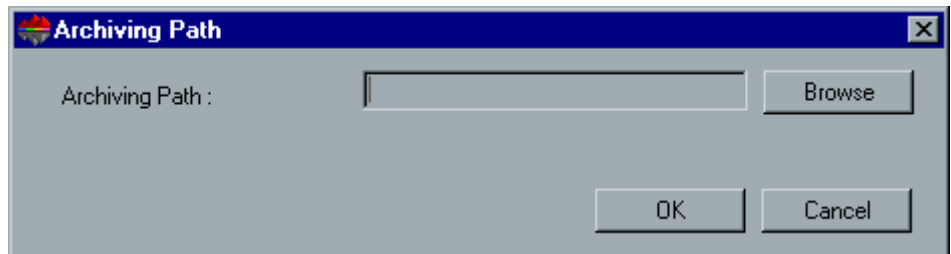
2. In the **PS Preview** area, specify your choice:
 - If you would like to save the file as PDF - select the first choice.
 - If you would like to return to the original PS file, select the second option.
3. In the **VI Job Preview** area, select the required number of booklets for pre-RIP preview.

Default Archiving Path

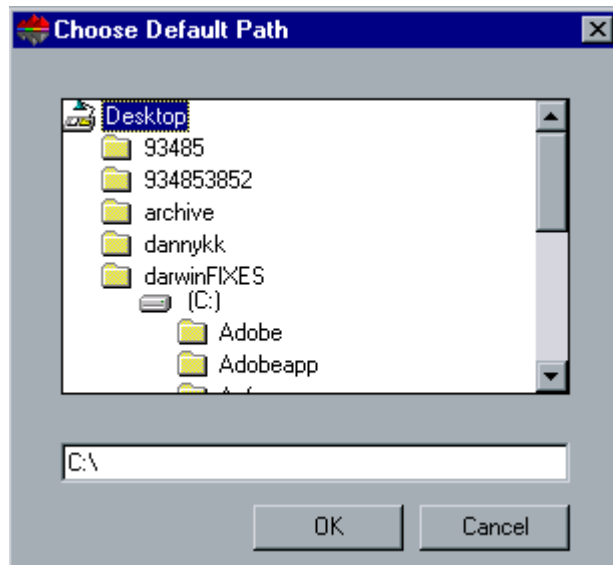
The Default Archiving Path utility enables you to select a default path for archiving jobs. Once the path is set, and **Archive** is selected from the **job** menu, the archive window browser will be directed to the predefined path.

To define the default archiving path:

1. In the **Preferences** folder, double-click **Default Archiving Path**. The *Archiving Path* dialog box appears.



2. Click the **Browse** button. The *Choose Default Path* dialog box appears.



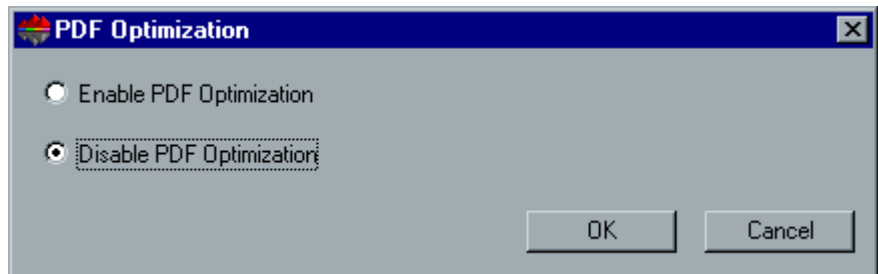
3. Browse to the required archiving location for your job (s) and Click **OK**.

PDF Optimization

The PDF optimization utility enables optimizes the RIP process of PDF files with repeated elements (which are marked as repeated in the PDF file) and consequently significantly decreases the processing time.

To enable PDF Optimization:

1. In the **Preferences** folder, double-click **Pre-RIP Preview**.
The *PDF Optimization* dialog box appears.



2. Select **Enable PDF Optimization** if you would like to optimize the RIP of PDF files.
3. Click **OK**.

Job Batching

The Job Batching utility enables you to print several jobs with the same page parameters, one after the other without the cycle down, and consequently save production time.

To set Job Batching:

1. In the **Preferences** folder, double-click **Job Batching**.
The *Job Batching* dialog box appears.



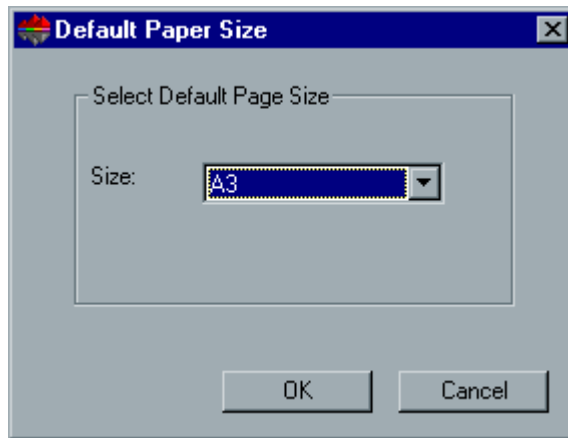
2. Select **Enable Job Batching** to print jobs with the same page parameters, one after the other without the cycle down.
Or:
Select **Disable Job Batching** to disable the printing of jobs with the same page orientation, one after the other and enable cycle down.

Default Paper Size

When a PDL file does not contain any page size information (usually set by the PPD), the RIP uses a pre-defined default size. You can set this default size, and provide better control of the default RIP size.

To set the default paper size path:

1. In the **Preferences** folder, double-click **Default Paper Size Path**. The *Default Paper Size* dialog box appears.



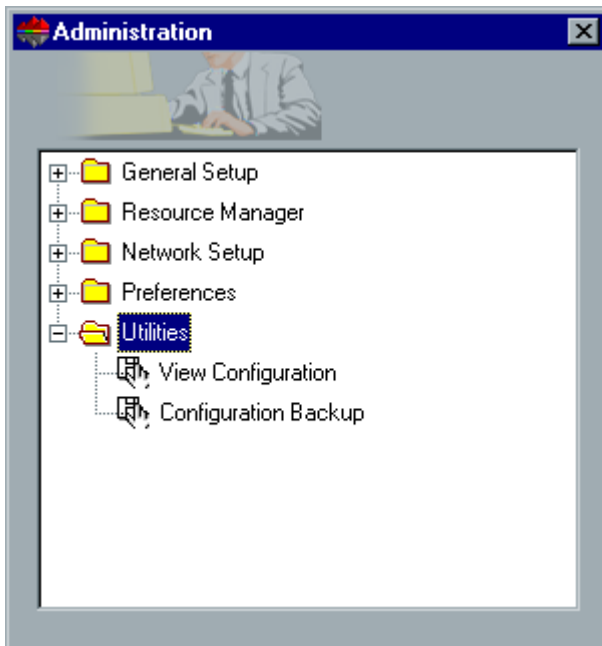
2. From the **Size** list, select the required page size, then click **OK**.

Utilities

These utilities enable you to view and back up the configuration of your CSX2000 Color Server.

To open the system Utilities:

- In the *Administration* window, double-click **Utilities** to expand the folder.



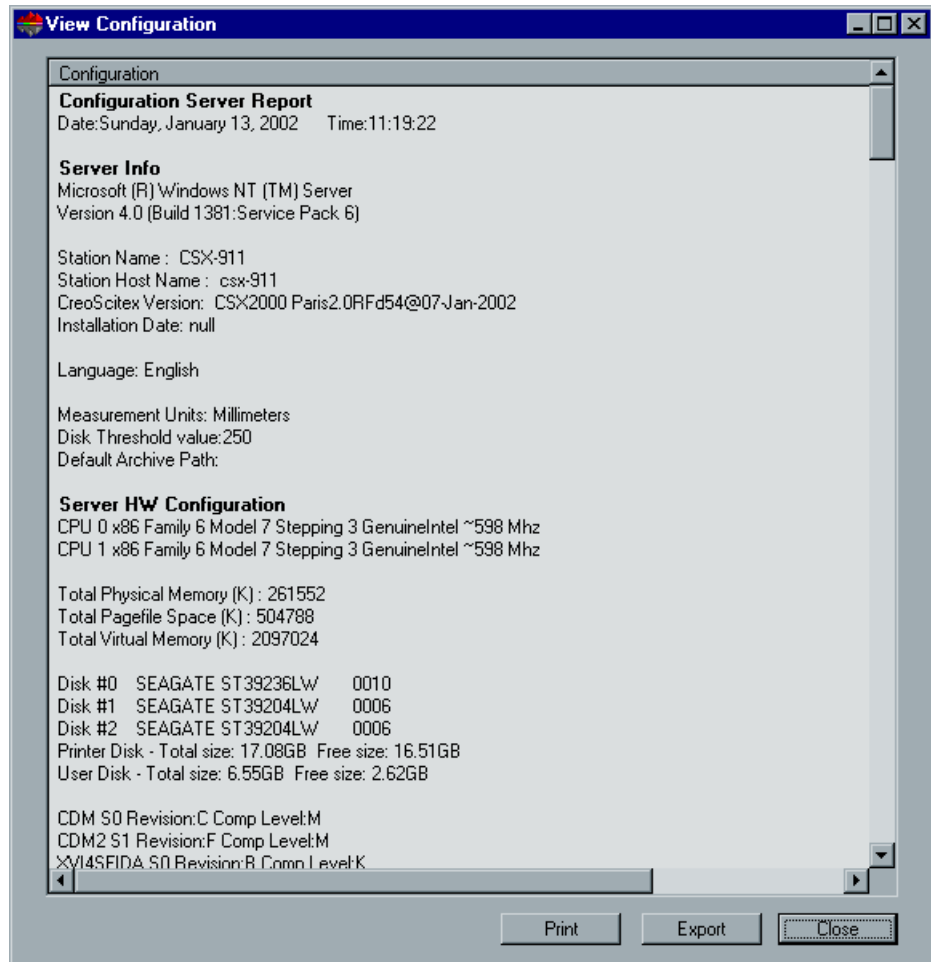
View Configuration

The *View Configuration* utility enables you to view the configuration of your CSX2000 Color Server and to print it to any printer on the network connected to your CSX2000 Color Server. In addition you may save the configuration in the network or export it to an external media.

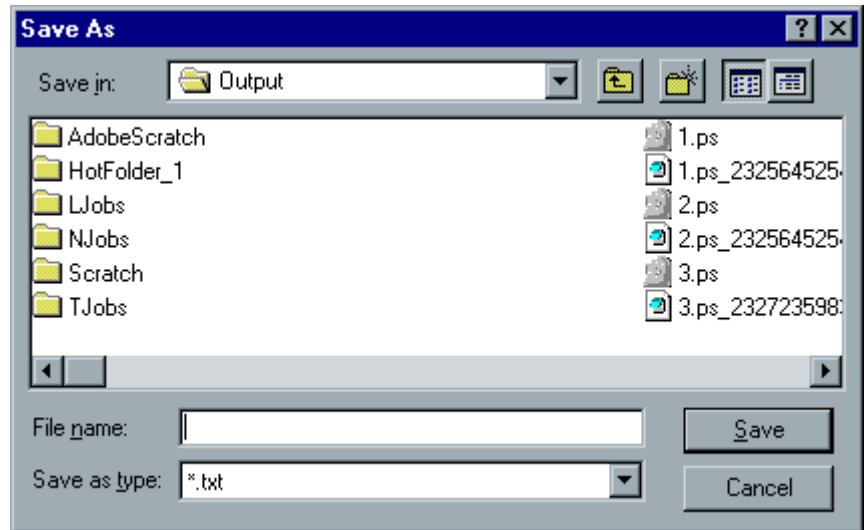
To view the configuration:

1. In the **Utilities** folder, double-click **View Configuration**.

The *View Configuration* window appears.



2. Click **Print** to print the configuration.
The *Print* window appears.
3. From the **Printer** list, select one of the defined printers and click **OK**.
4. If you would like to save the configuration click the **Export** button.
The *Save As* dialog box appears.



5. Browse to the required location and click the **Save** button.
6. Click **Close** to close the *View Configuration* window.

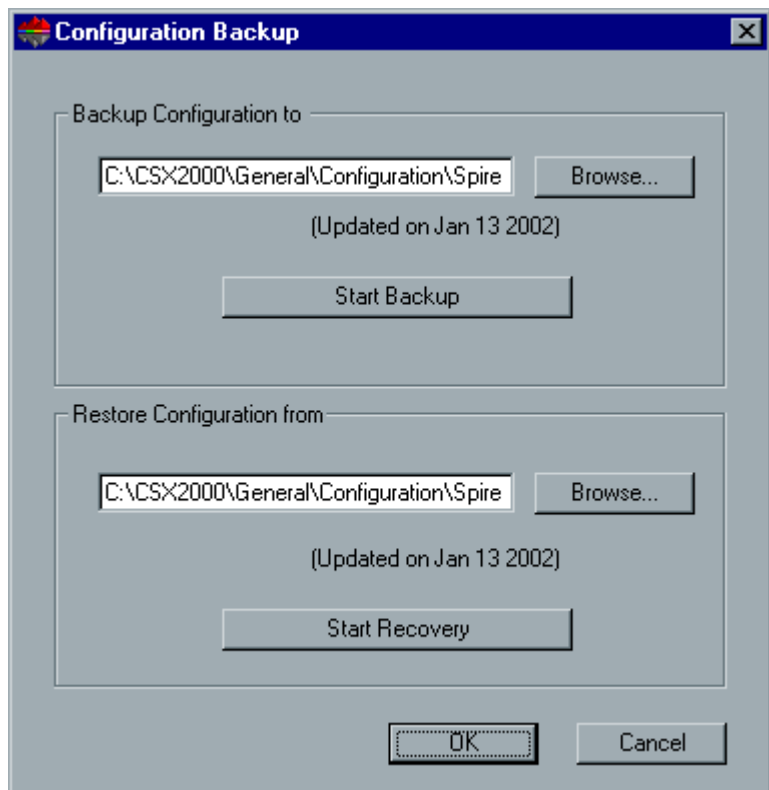
Configuration Backup and Restore

The Configuration Backup utility enables you to backup your CSX2000 Color Server configuration to a local hard disk, to a network drive or to an external media (such as a CD-ROM drive), connected to the CSX2000 Color Server.

Configuration Backup

To backup the configuration of your CSX2000 Color Server:

1. In the **Utilities** folder, double-click **Configuration Backup**. The *Configuration Backup* dialog box appears.



2. In the **Backup Configuration to** area, the default location for the backup configuration (*C:/CSX2000/General/Configuration*) appears.

If you would like to specify a different path, click the **Browse** button and browse to a different directory path for the backup.



You may also backup to an external media.

3. Click the **Start Backup** button.



The last path will be saved and displayed to the path box. If the backup was made to an external media, the displayed path will be the default: *C:/CSX2000/General/Configuration*.

Configuration Restore

To restore the configuration of your CSX2000 Color Server:

1. In the **Restore Configuration from** area, the default configuration location is displayed. (*C:/CSX2000/General/Configuration*). If you would like to select a different path, click the **Browse** button and browse to a different directory path for the restore.

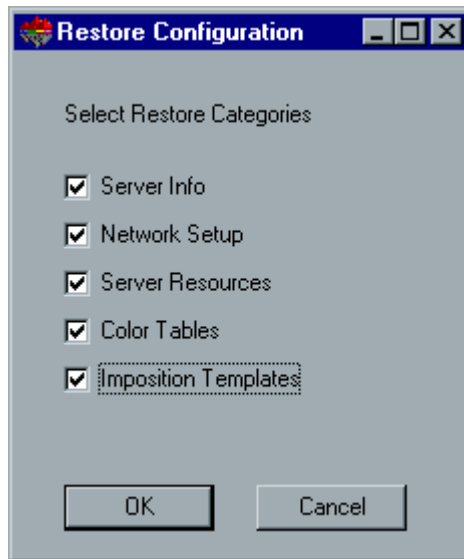


Notes:

1. The configuration files name will always be: "SpireConf.Cab" (Cabinet file.)
2. You may also restore the configuration from an external media.

2. Click **Start Recovery**.

The *Restore Configuration* dialog box appears.

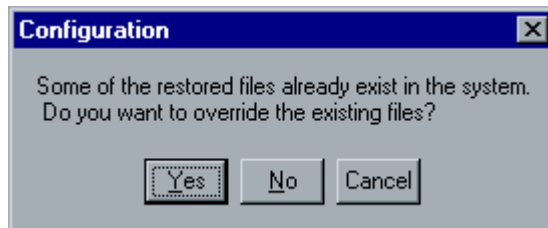


3. By default, all categories are selected. If you do not want to restore certain categories, clear the selections.



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).

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



5. 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.



Note that the Restore Configuration date is updated in the *Configuration Backup* dialog box.

6. When the process is complete, click **OK** to close the *Configuration Backup* dialog box.

This Page Is Intentionally Blank.

Chapter 5

DFE Monitor

General Information 212

General Information

You can view the main settings of the DFE and their status. The DFE provides general information about the following:

- Disk usage
- Networking setup
- Virtual printers

Access this view-only screen by:

- Selecting the DFE bitmap on the workspace status panel
Or:
Selecting the DFE status from the tools menu

Disk Usage

You can receive on-line visual statuses for disk capacity and disk usage.

Disk Usage displays the usage of both User Disk and Image Disk. For each disk data is displayed regarding:

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

Server Attributes

Server Attributes provides the following information:

- Host name and host domain
- IP address and whether DHCP server is enabled or not
- Apple Talk zone
- IPX setup & IPX printing (tree, context)

Chapter 6

Adding an External SCSI Device

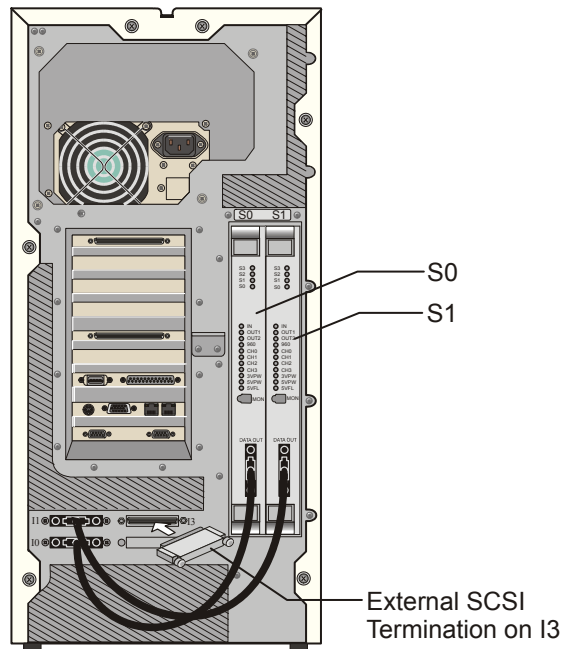
Adding an External Device 214

Adding an External Device

1. If the added external device is a disk it will be used for saving files and not for the application itself.
2. If you are adding an MO device, connect the adapter, and browse to:
E:\Files_nt\Drivers\mo_drv and select **setup.exe**.
3. If the device is any other than an external disk, it is preferable to remove the Creo application prior to the installation and then reinstall it after the installation is complete.

To add an external SCSI device to the CSX2000 Color Server:

1. Verify that the CSX2000 Color Server is shut down.
2. If the CSX2000 Color Server is from serial numbers 002474-002475 or from serial number 002478 onwards, loosen the 2 screws and unplug the Termination of the CSX2000 Color Server located on the bottom rear end of the DFE. See the following figure and then proceed to step 4.



Rear of CSX2000 Color Server Showing Termination on I3

3. If the CSX2000 Color Server does not have Tag Matrix #4, order the following parts: Flat cable 68 Mini D-Type X3 Plg (Cable – SCSI Disks; System) p/n 117N01567, Terminator 68 MLVD/ single end W p/n 115N00355.



The terminator will be required If the external device is disconnected. In this case, the terminator will be connected instead.

Next, perform the following:

- Remove the front panel (refer to the *CSX2000 Color Server Technical Guide* for details).
- Remove the right outer side cover (refer to the *CSX2000 Color Server Technical Guide* for details).
- Remove the side support bar (refer to the refer to the *CSX2000 Color Server Technical Guide* for details).
- Disconnect the internal SCSI cable from the CPU, VPM, System disk and remove it from the system.
- Remove the metal cover from I3 using a screw driver and a hammer, insert the new SCSI cable and connect it to the CPU, System disk. Connect the metal connector to I3 using the supplied screws.
See the following graphic.
- Return the side support bar, the right outer side cover and the front panel.

The configuration of the unit has been changed to Tag Matrix #4. Mark off Tag Matrix #4 on the CSX2000 Color Server.

4. Connect the external SCSI cable to the SCSI external outlet (see the above drawing) and to the external device.
5. Connect the device to the external SCSI connector on the CSX2000 Color Server, and verify that the device is defined as ID1 or higher.



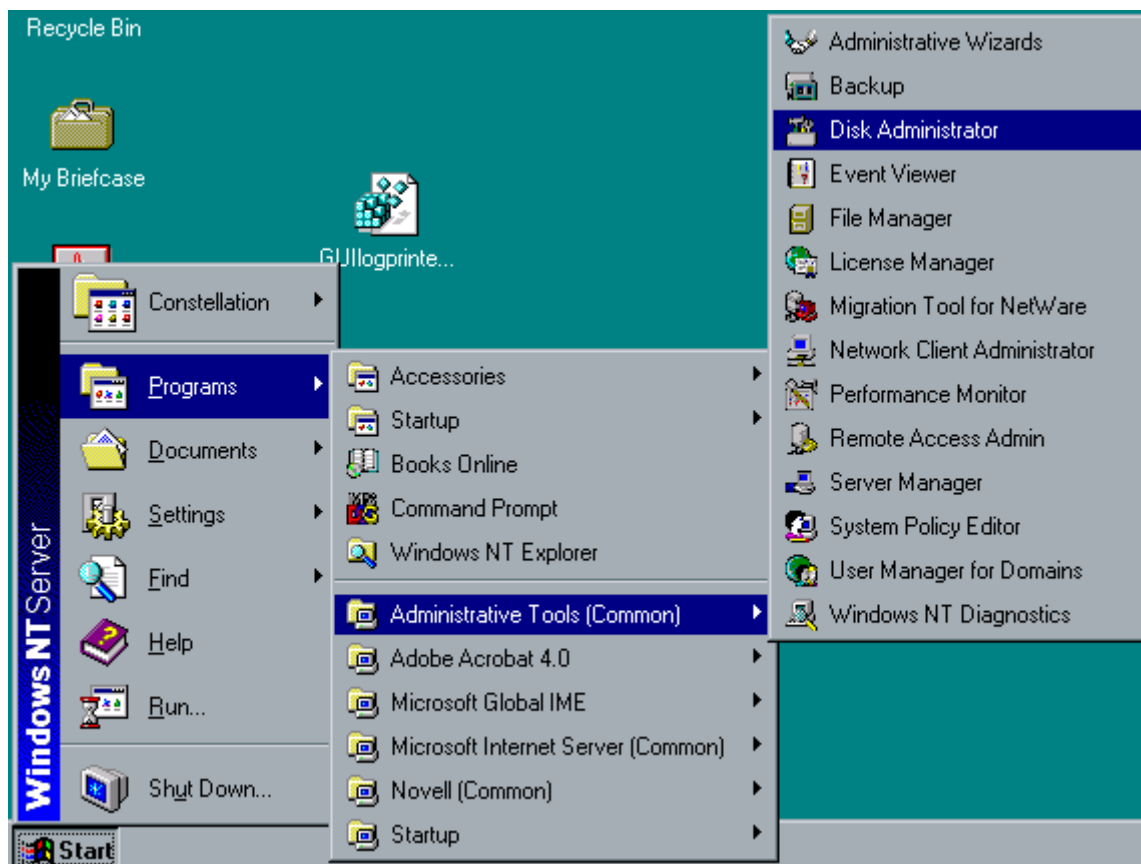
When the external device is disconnected, connect the external termination to the external SCSI connector.

6. Turn the external device power on.

7. Turn the CSX2000 Color Server power on and wait for the operating system to initialize.

 If the external device includes drivers, it is recommended to install them now.

8. Click the **Start** button, and follow the path:
Programs>Administrative Tools>Disk Administrator.

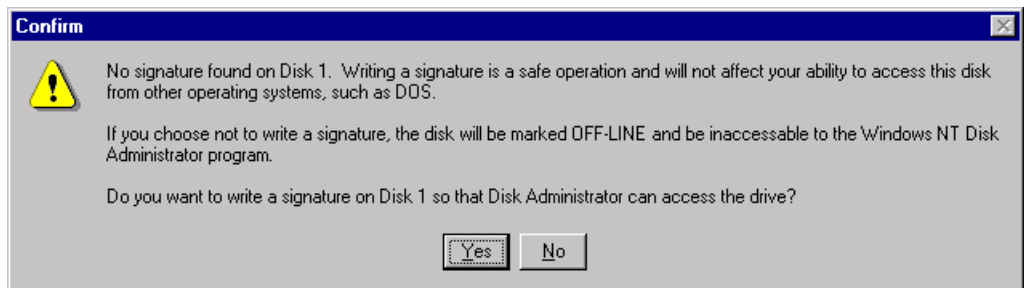


The following message appears.



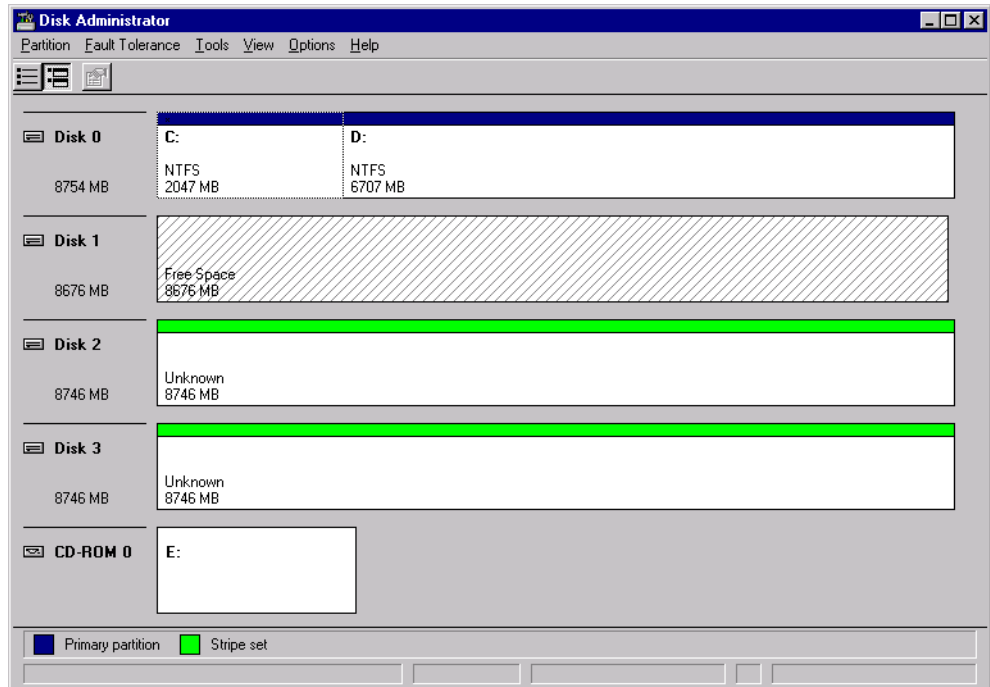
9. Click OK.

The following *Confirm* message appears.



10. Click Yes.

The *Disk Administrator* window appears.

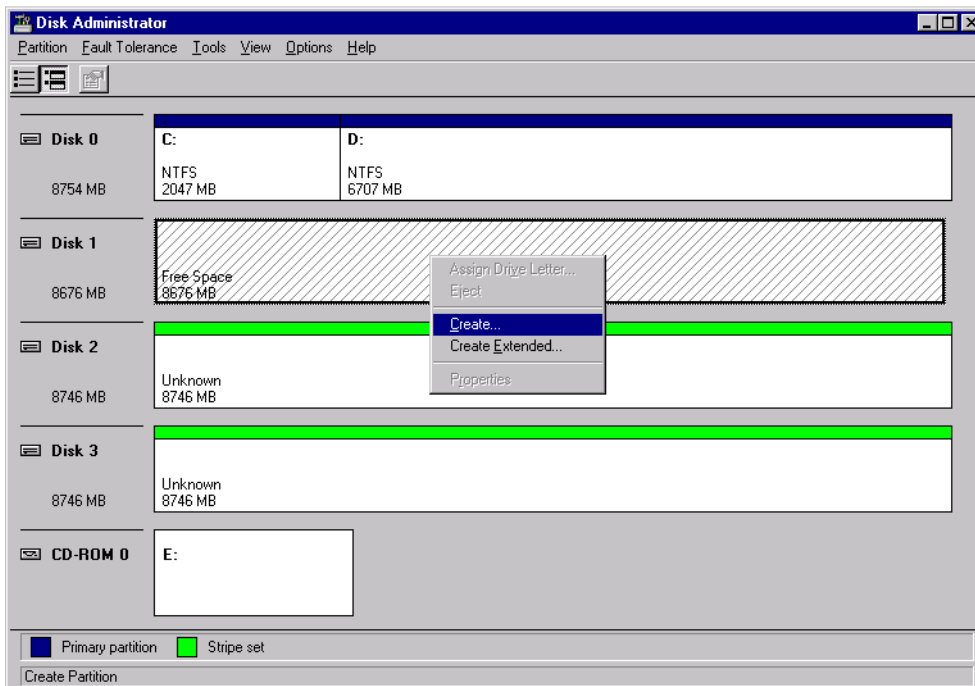


Note that the screen captures in this procedure reflect the disk status using a 600/700 MHz CPU. If the CSX2000 Color Server has a 1 GHz CPU, the disk order is different: the first 2 disks are Image Disks and the third is the System disk.

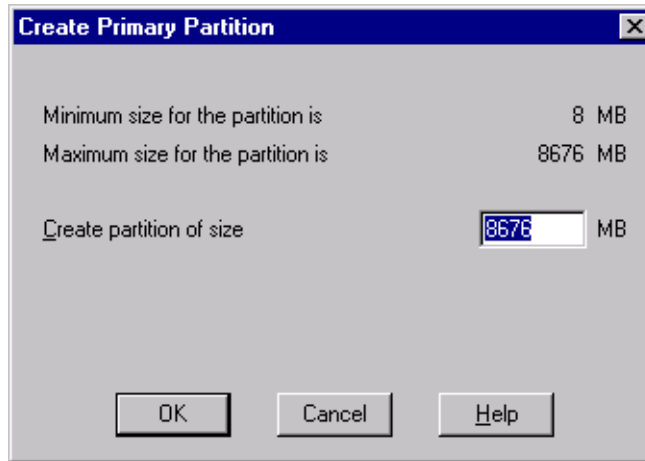
The external device is disk 1 in the hatched area. In case the external media is not new, disk 1 will not be hatched since it has already been formatted. In this case, just verify that the drive letter of disk 1 is other than E and ignore the following procedures. If the drive letter of disk 1 is E, perform the procedure for changing the assigned drive letter on page 225.

To format the external media:

1. In the *Disk Administrator* window right-click **Disk 1** and from the menu, select **Create**.

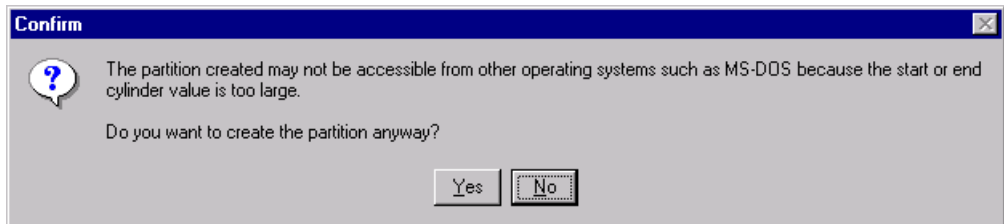


The *Create Primary Partition* window appears.

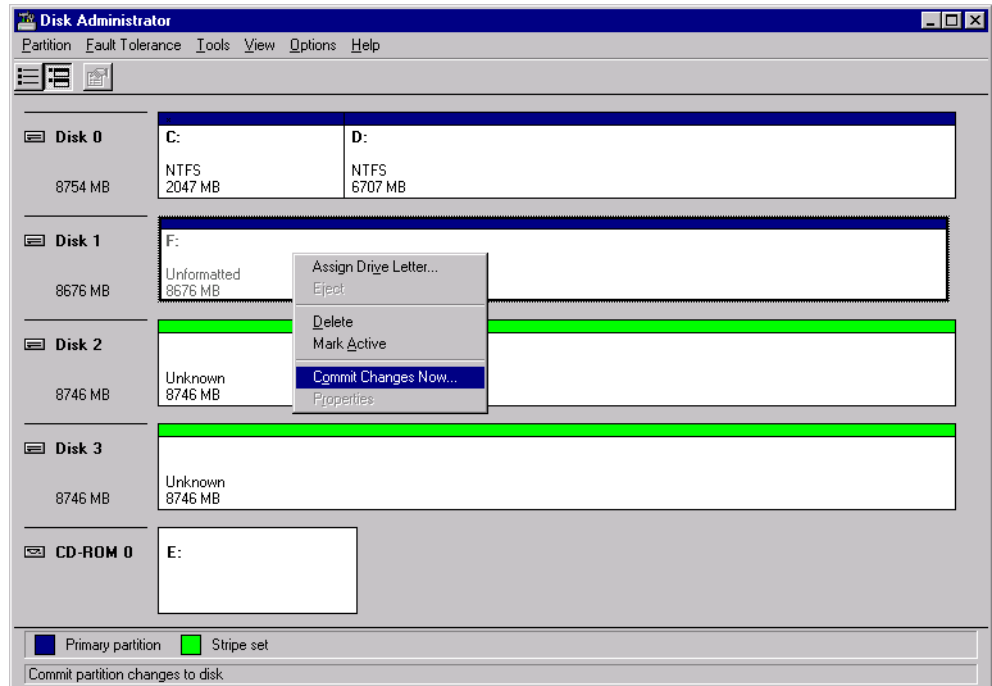


2. Click **OK**.

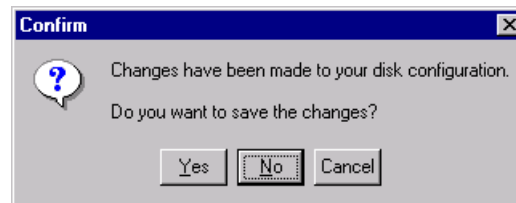
The *Confirm* window appears.



3. Click **Yes**.
The disk is now created.
4. Right-click the disk and from the menu, select **Commit Changes Now**.



The following *Confirm* message appears.



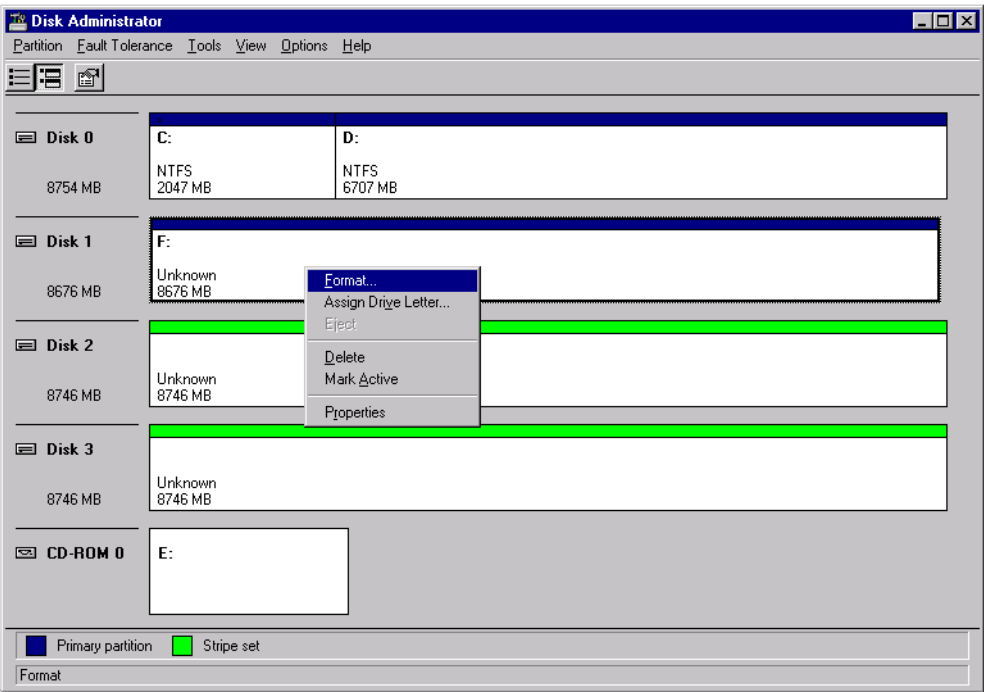
5. Click **Yes**.

The following message appears.

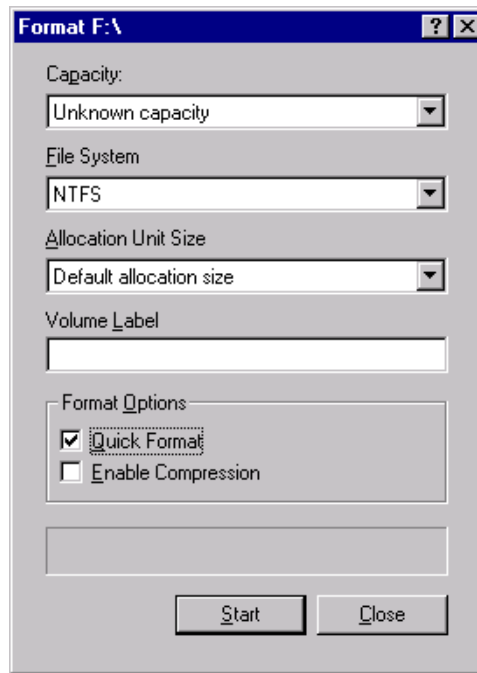


6. Click **OK**.

7. Right-click the disk and from the menu, select **Format**.

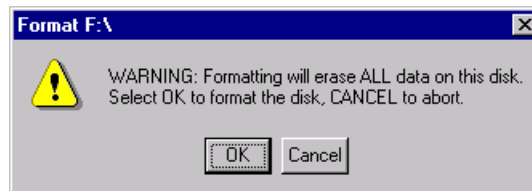


The *Format F:* window appears.



8. From the **File System** list choose **NTFS**.
9. In the **Format Options** area, select **Quick Format**, and then click **Start**.

The format warning appears.



10. Click **OK**.

The following message appears to inform you that the format process is complete.



11. Click **OK.**

The *Format F:* window appears.

12. Click **Close.**

The *Disk Administrator* window appears.

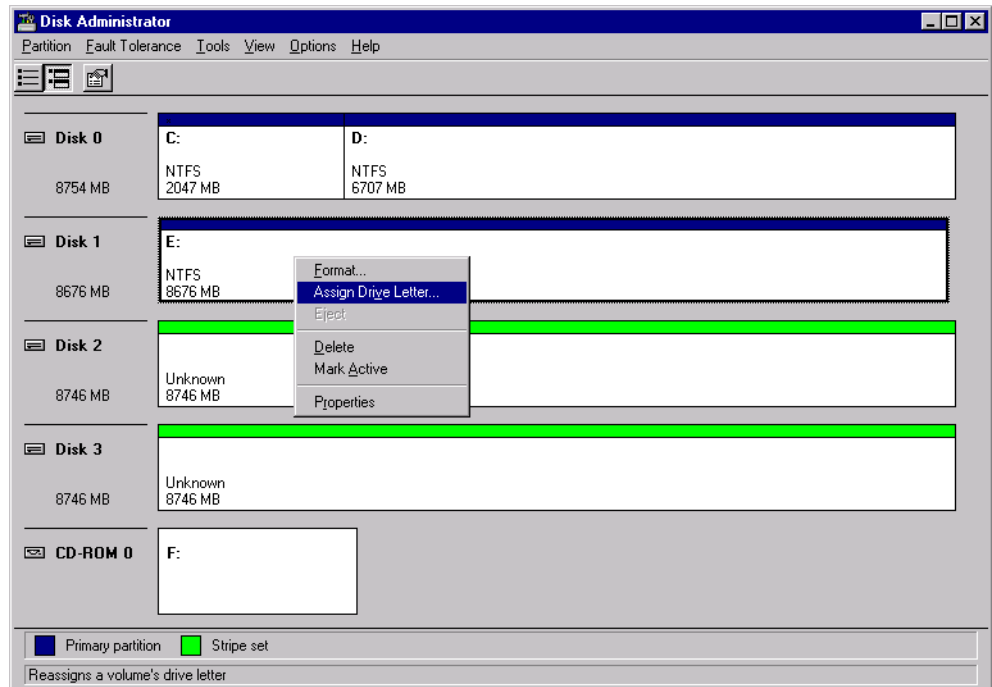
Before closing the window, verify that the CD-ROM drive letter is E. If it is, close the Disk Administrator window.

The external device is now formatted and ready to use.

In any other case, perform the following procedure.

To change the assigned drive letter:

1. Right-click disk 1 (external device) and select **Assign Drive Letter**.



The *Assign Drive Letter* window appears.



2. Verify that **Assign Drive Letter** is selected, and from this list select any available letter. Then click **OK**.

3. A confirmation message appears, click **Yes** to confirm your choice.
4. Right-click the CD-ROM drive and from the menu, choose **Assign Drive Letter**.

The *Assign Drive Letter* window appears.



5. Verify that **Assign Drive Letter** is selected, and from this list select **E**.
6. Click **OK**.
A confirmation message appears.
7. Click **Yes**.
8. Close the *Disk Administrator* window.

Appendix A

Novell NDS - Setup and Configuration

Overview	228
Defining Novell NDS Printer Queues in the Novell NDS Tree.	229
Configuring IPX Printing	247
Installing the Printer Drivers on a Novell Client Using the Adobe PS Application	249
Defining the CSX2000 Color Server as a Novell NDS Client.	251

Overview

This appendix describes how to configure the connection between a Novell NDS (Novell Directory Services) Server and the CSX2000 Color Server, in a Novell working environment.

To configure this connection, the following procedures are preformed:

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.



Both <hostname_ProcessPrint> and <hostname_ProcessStore> queues should be defined even if you plan to use only one Printer queue.

4. Verifying the connection information.
5. Configuring the IPX Printing parameters: Tree and Context, using the CSX2000 Color Server Admin tool (*General Setup/IPX Printing*) in the CSX2000 Color Server.



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

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.

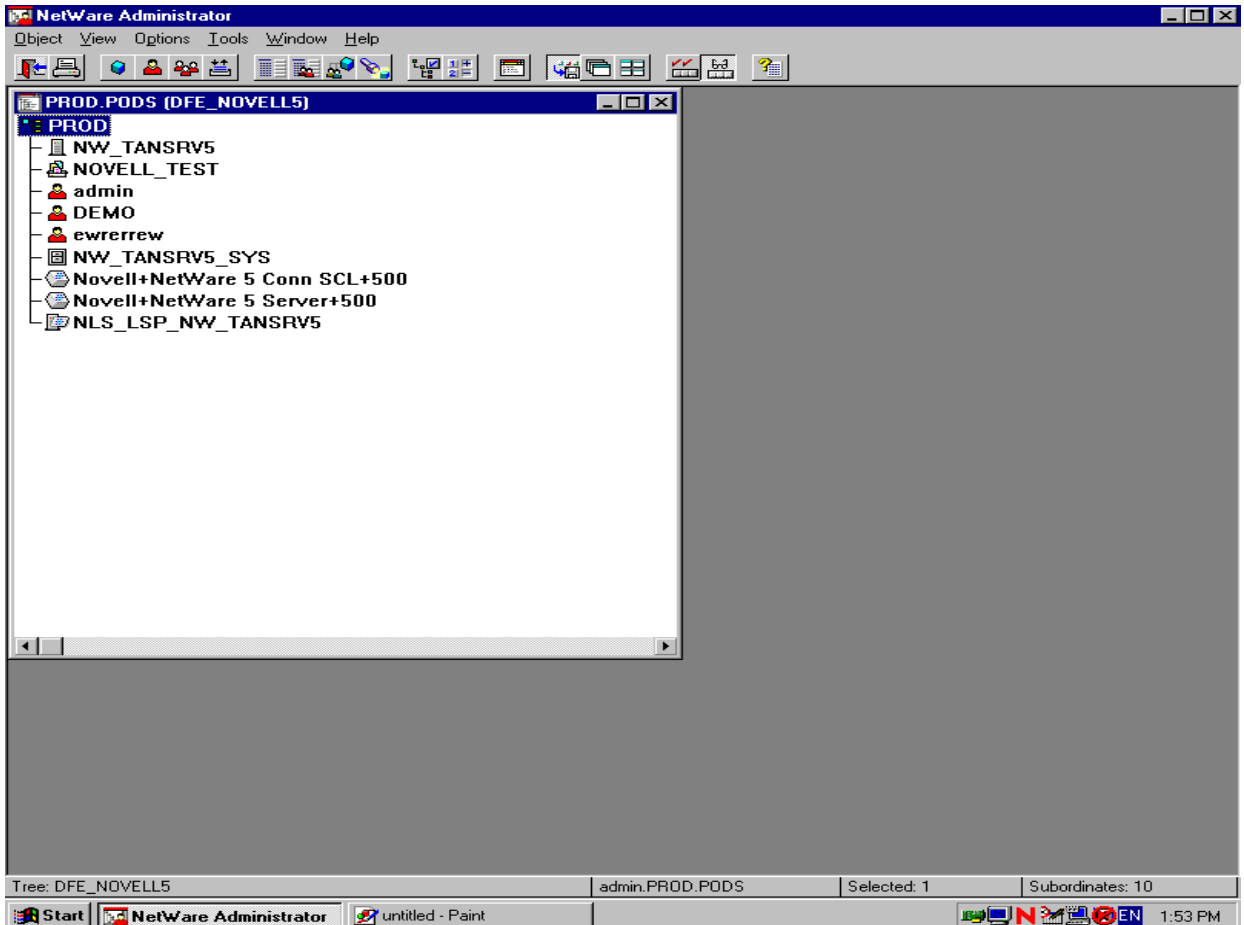


Perform the following procedures in order.

To open the Netware Administrator Application:

- Open the Netware Administrator Application (provided by your Novell Administrator or browse to *Novell Server\Novell host name\sys\public\win32\NWAdmin32.exe.*)

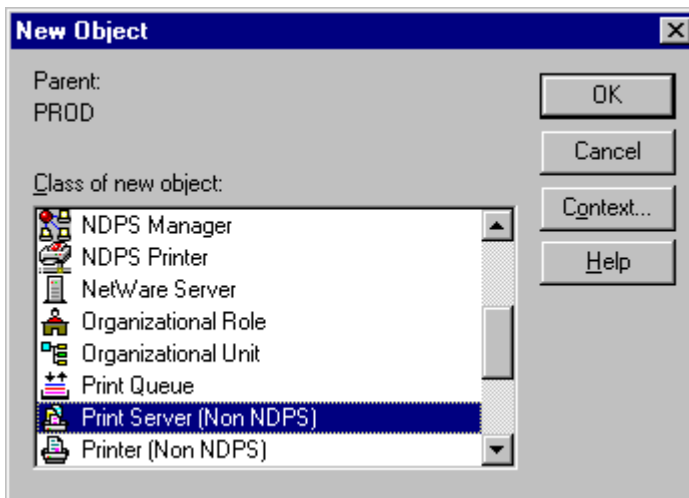
The *NetWare Administrator* window appears displaying the *Novell NDS* window. The following example shows the existing Trees, Queues and other Novell connections.



To define a Novell NDS Print Server:

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 233.

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

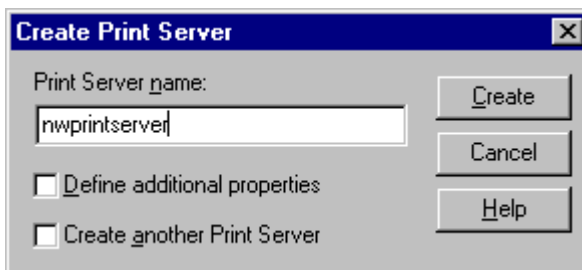


3. From the **Class of new object** list, select **Print Server**.



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

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



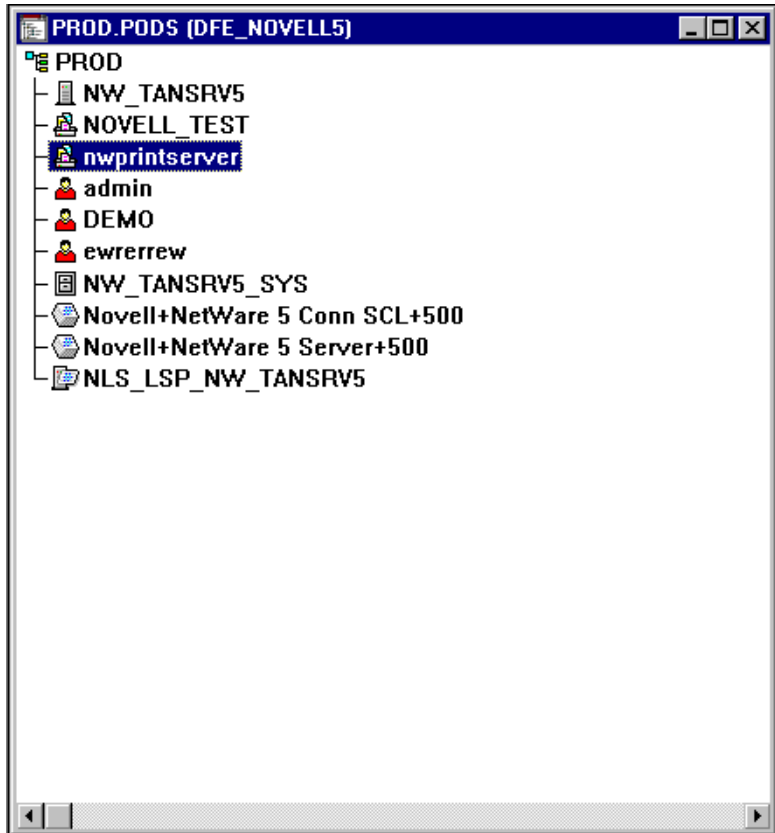
5. In the **Print Server name** box, type “nwprintserver”.

**Notes:**

1. It is important to use only this server name, in lower case.
2. In any case, do not define a password for the Print Server.

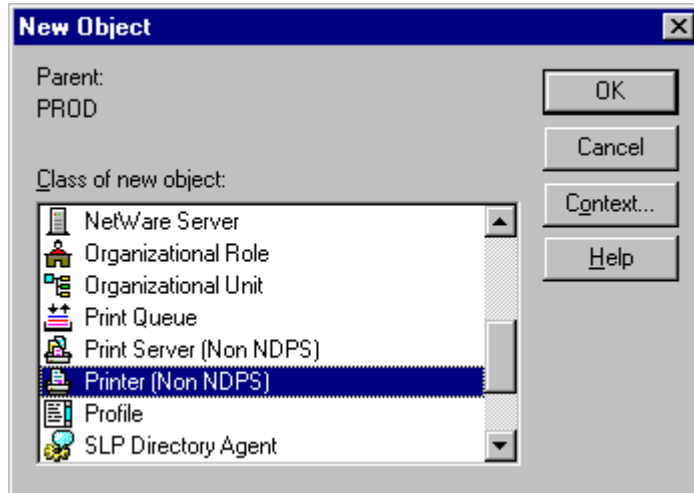
6. Click the **Create** button.

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.

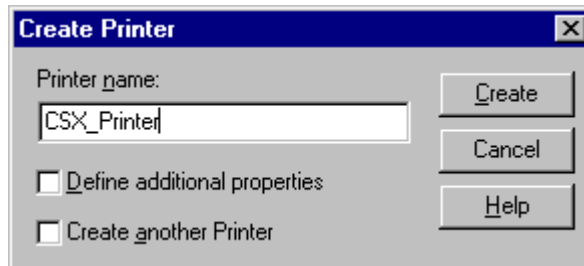


2. From the **Class of new object** list, select **Printer**.



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

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

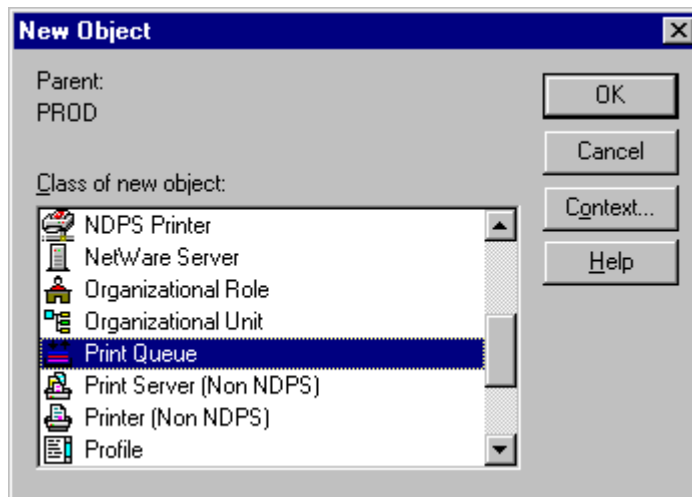


4. In the **Printer name** box, type any printer name, for example **CSX_Printer**.
5. Click the **Create** button.
The printer name is added to the *Novell NDS* window.

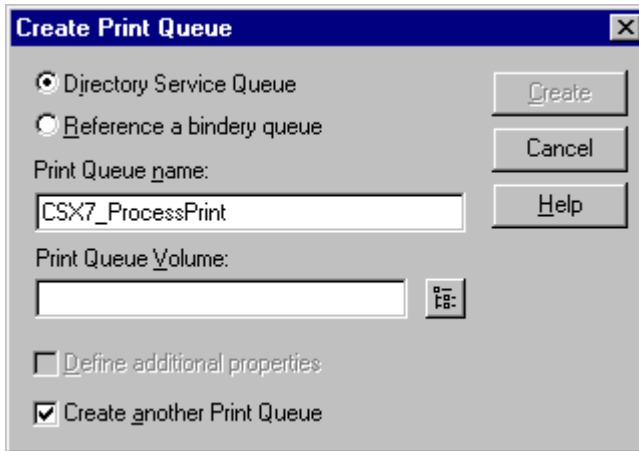
To define the Novell NDS Print Queues:**Important:**

1. Both <hostname_ProcessPrint> and <hostname_ProcessStore> queues should be defined.
2. Prior to performing this procedure, verify that in the CSX2000 Color Server, both network printers <hostname_ProcessPrint> and <hostname_ProcessStore> are present.
3. Both Virtual printers <hostname_ProcessPrint> and <hostname_ProcessStore> should not be deleted from the CSX2000 Color Server.

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



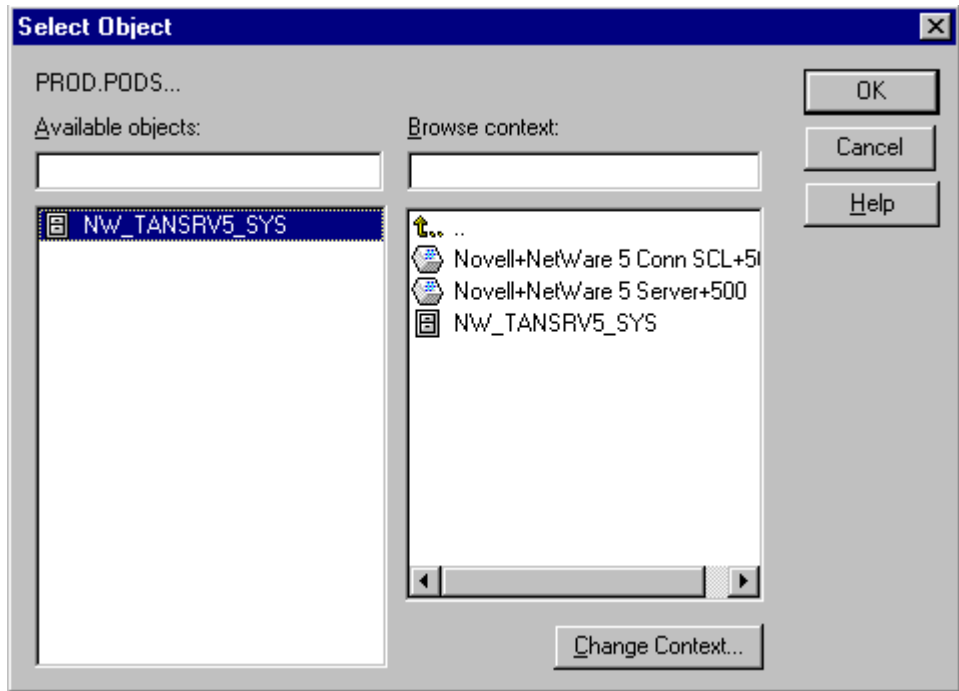
2. From The **Class Of New Object** List, select **Print Queue**. Then, Click **OK**.
The *Create Print Queue* dialog box appears.



3. Verify that **Directory Service Queue** is selected.
4. In the **Print Queue name** box, type the exact (case sensitive) Virtual Printer name: <hostname_ProcessPrint>.
For example: **CSX7_ProcessPrint**.
5. Select the **Create another Print Queue** check-box.



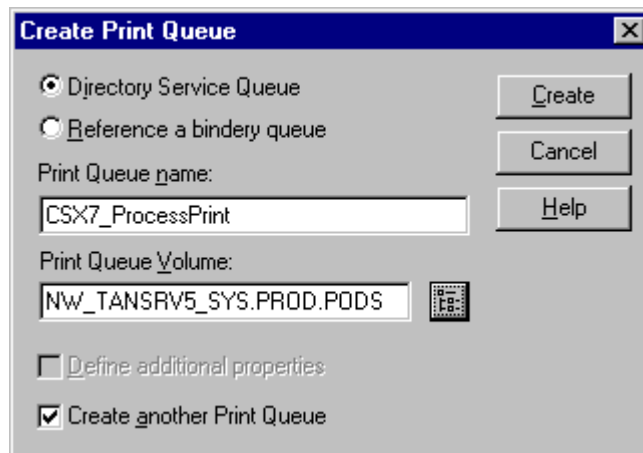
6. Click the **Print Queue Volume** icon.
The *Select Object* dialog box appears.



7. Select any existing volume.

8. Click **OK**.

The Print Queue volume name appears in the **Print Queue Volume** field, in the *Create Print Queue* dialog box.



9. 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 (CSX_Printer).



Notice that the *Create Print Queue* dialog box re-appears in order for the second Print Queue to be defined.

10. In the *Create Print Queue* dialog box, verify that **Directory Service queue** is selected.

11. Clear the **Create another Print Queue** check-box.

12. In the **Print Queue name** box, type the exact (case sensitive) second Virtual Printer name: <hostname_ProcessStore>. For example: **CSX7_ProcessStore**.

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

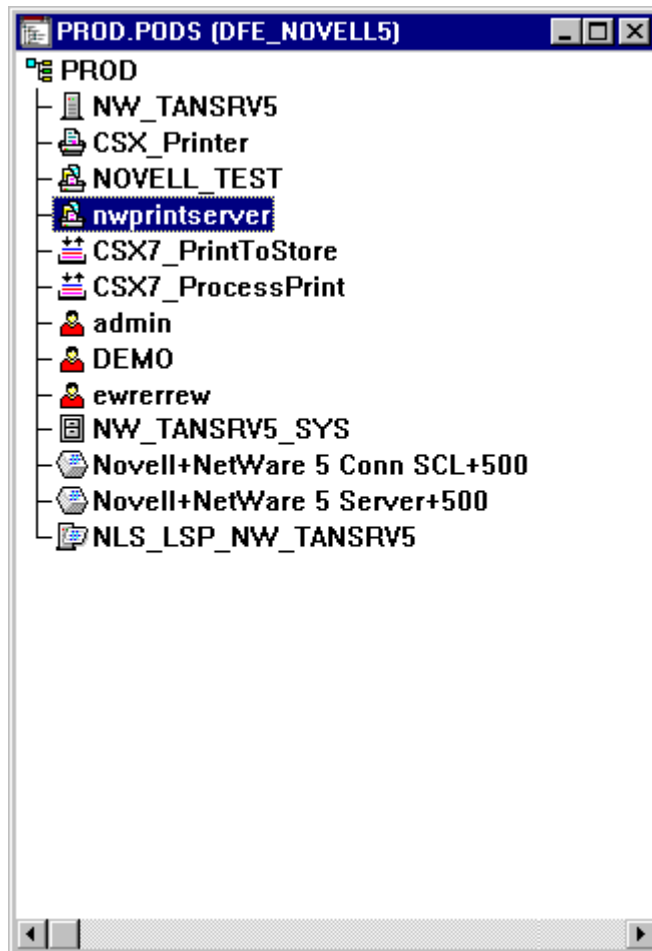
14. Select any existing volume.

15. Click **OK**.

The Print Queue volume name appears in the **Print Queue Volume** field, in the *Create Print Queue* dialog box.

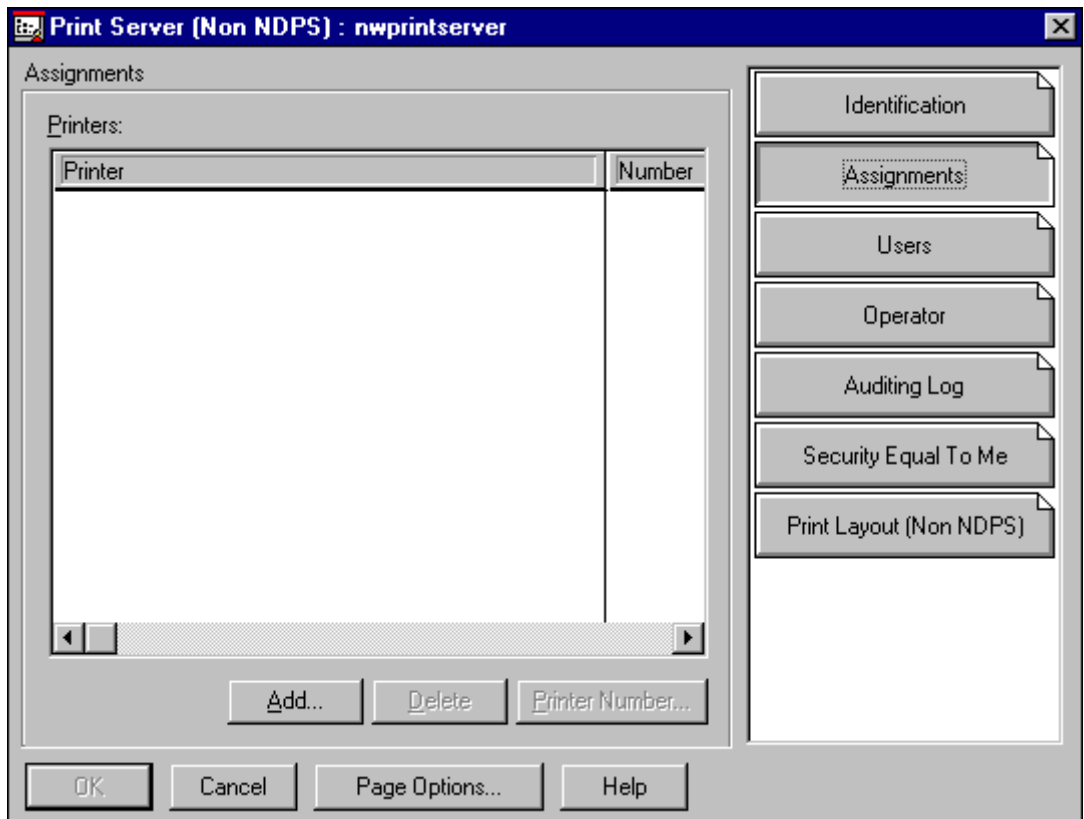
16. Click the **Create** button.

Both queues appear now in the *Novell NDS* window.

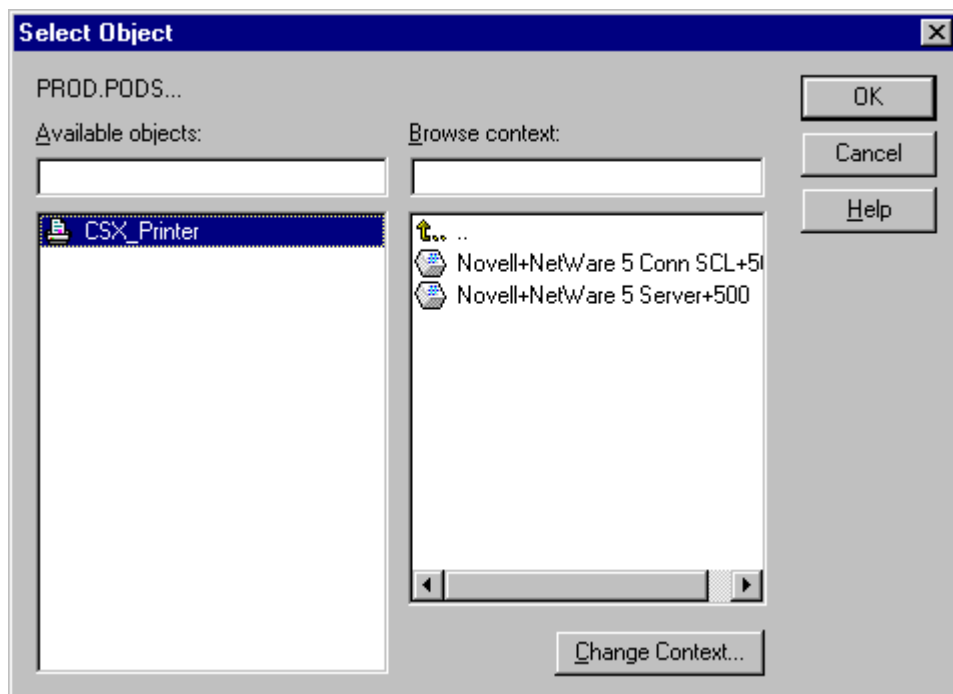


To assign a Printer name to nwprintserver Print Server:

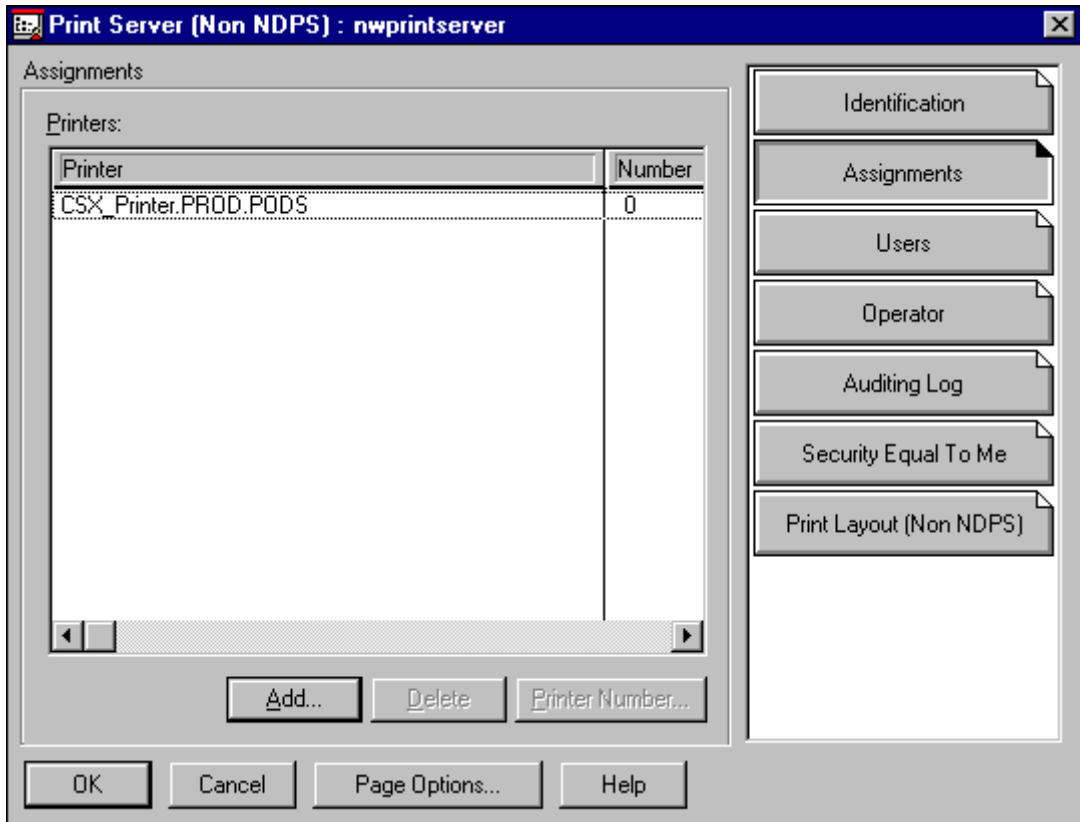
1. In the *Novell NDS* window, double-click **nwprintserver**. The *Print Server* dialog box appears.
2. Click the **Assignments** button to open the **Assignments** tab.



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



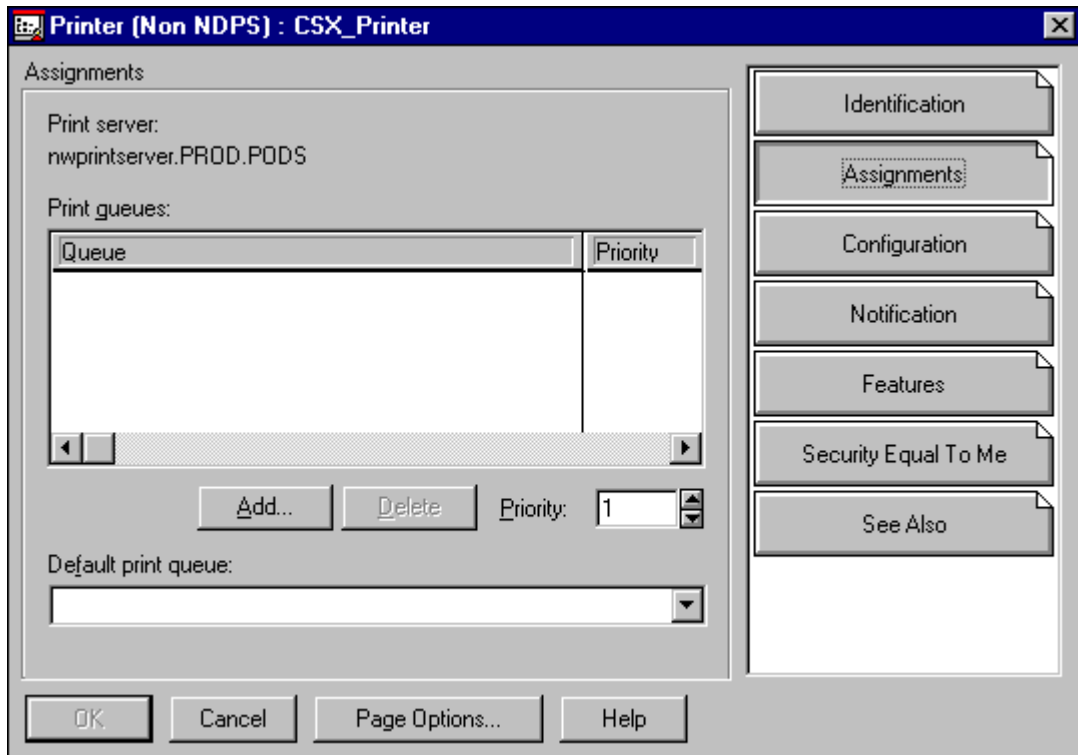
4. From the printers, select the printer name you have defined (CSX_Printer.PROD.PODS in our example), and click **OK**.
The printer appears in the **Printers** list in the **Print Server** dialog box.



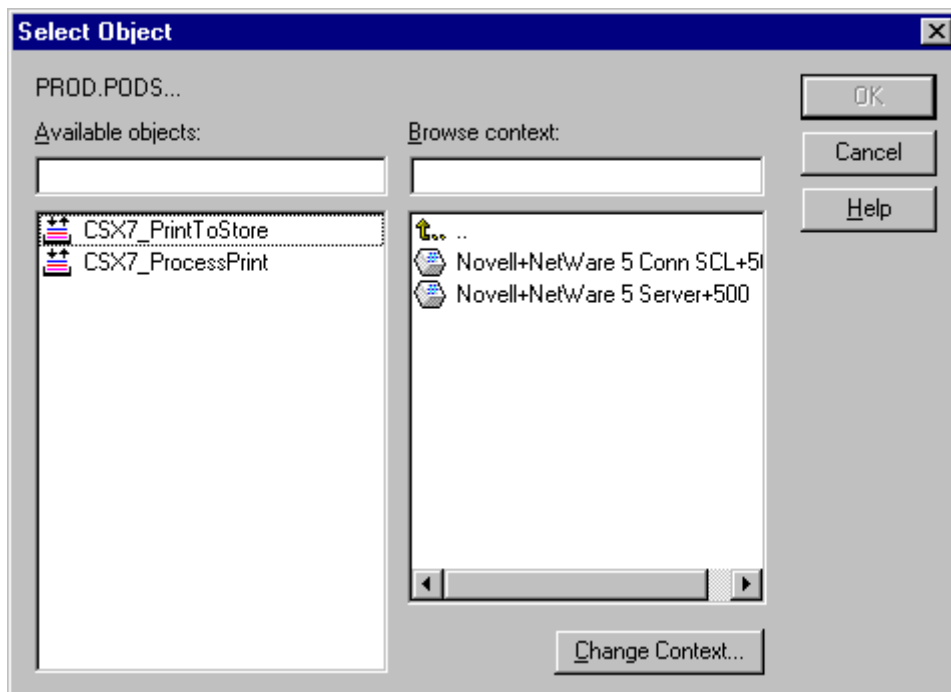
5. Click **OK**.

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 CSX_Printer).
The *Printer* dialog box appears.
2. Click the **Assignments** button to open the **Assignments** tab.

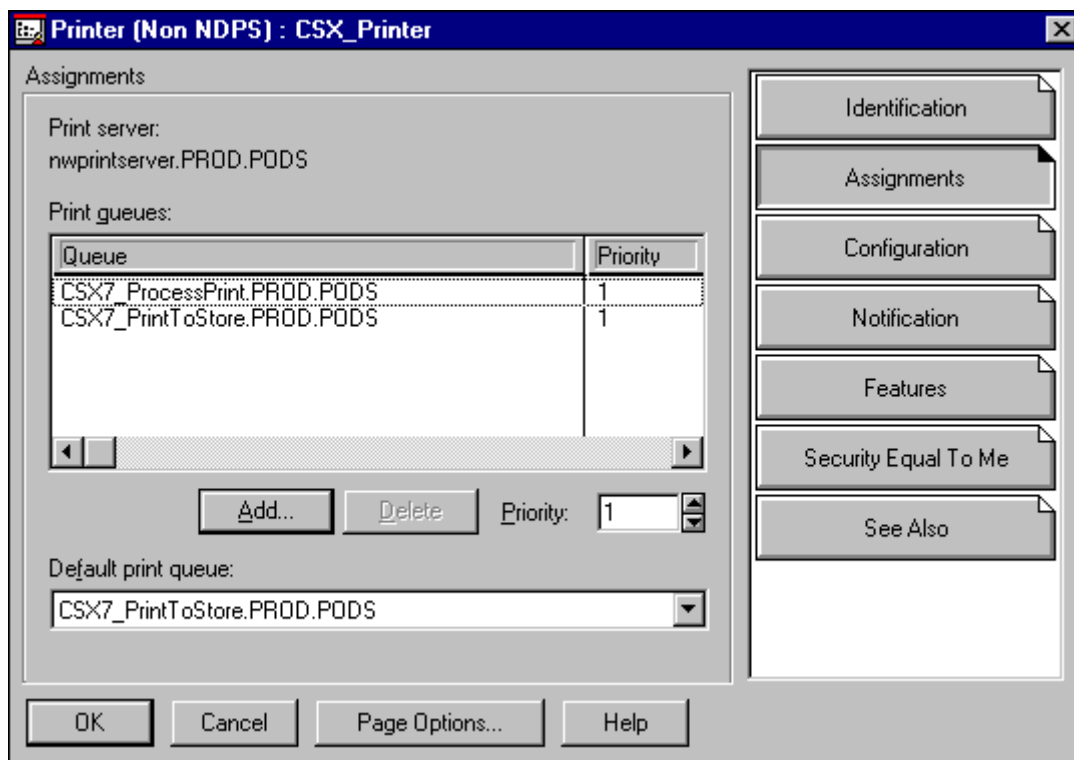


3. Click the **Add** button.
The *Select Object* dialog box appears.



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

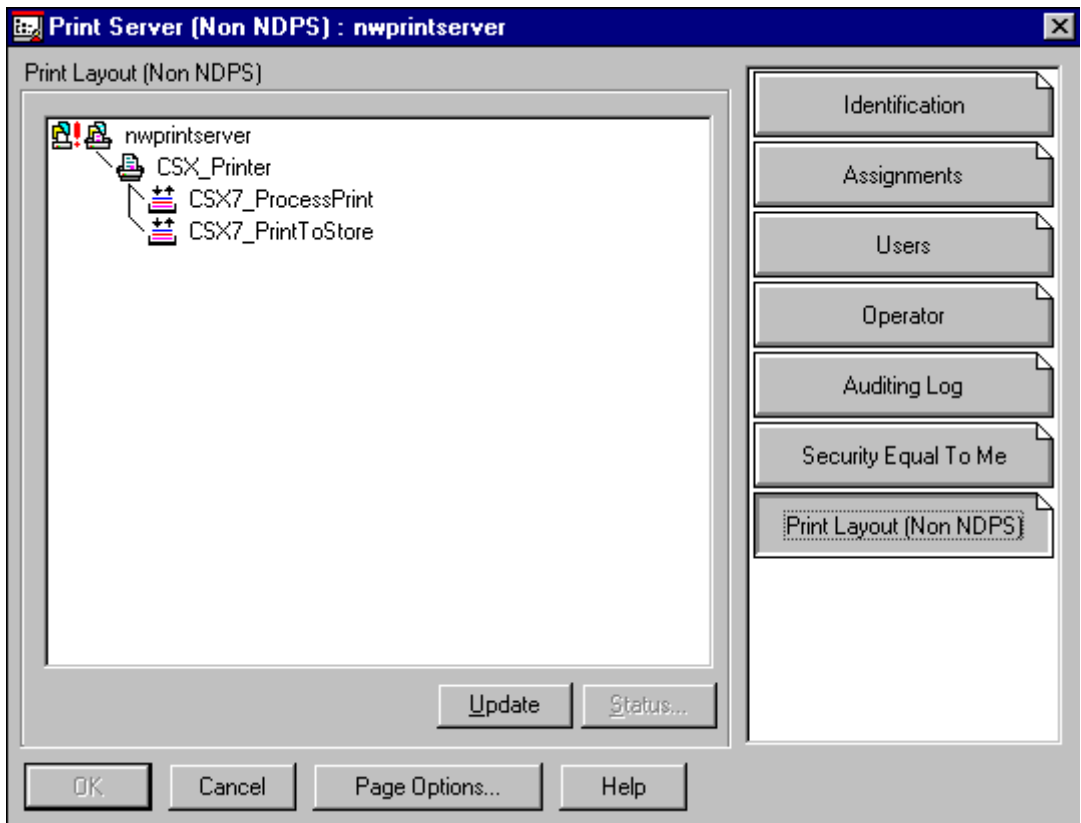
5. Click the **Add** button and select <hostname_ProcessPrint>. Both printer queues now appear in the **Print queues** list in the *Printer* dialog box.



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

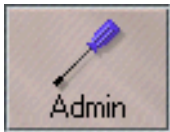
The CSX2000 Color Server Virtual Printers can be defined as Novell NDS Printer Queues at the Novell NDS Server, using the Novell NDS PConsole. This procedure includes the following stages:

To use the Novell NDS PConsole:

1. In the CSX2000 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:**
1. It is important to use only this server name, in lower case.
 2. 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 CSX2000 Color Server:
 - Configure the IPX Printing parameters: Tree and Context (the exact tree name and the full context path name) using the CSX2000 Color Server Admin tool (*General Setup/IPX Printing*).
 - Restart the CSX2000 Color Server Application.
 4. Install the Novell Printer Queue on the Novell Client, "Installing the Printer Drivers on a Novell Client Using the Adobe PS Application" on page 249

Configuring IPX Printing

To setup the CSX2000 Color Server IPX parameter:

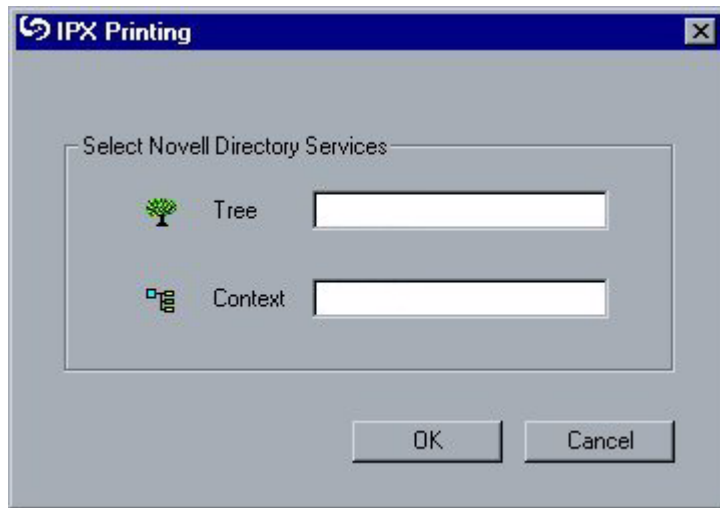



1. In the CSX2000 Color Server, open the CSX2000 Color Server Software Application, and click the **Admin** button. The *Administration* window appears.



2. Double click **General Setup** to expand the folder.

3. Double click **IPX Printing**.
The *IPX Printing* dialog box appears.

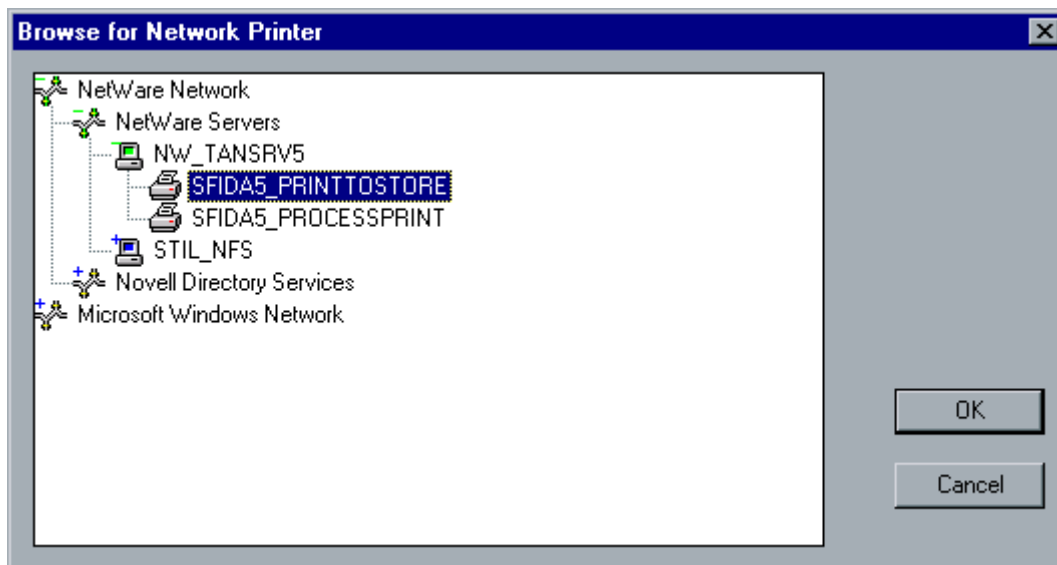


4. Type the exact Tree parameter and the full containers path of the Context parameter, in their respective boxes.
-  These names are case sensitive and cannot be changed later on.
5. Restart the CSX2000 Color Server Software Application.

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

To install the printer drivers on a Novell Client:

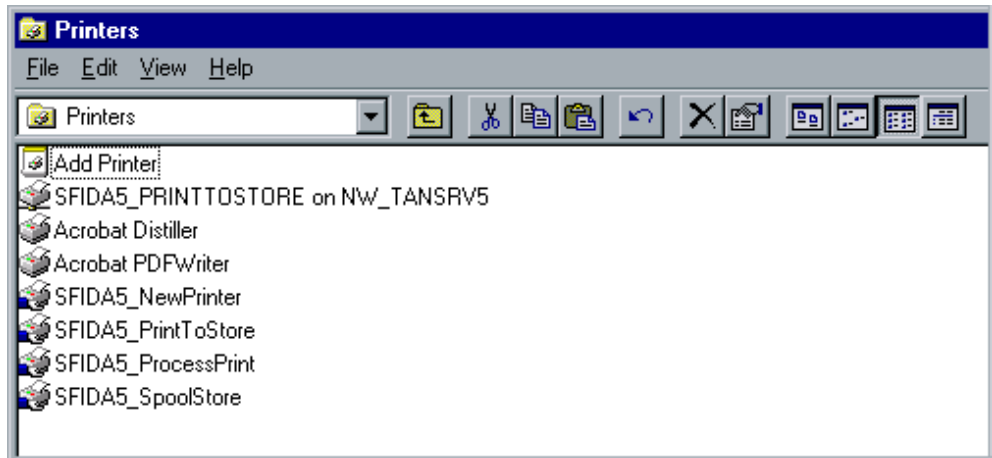
1. Use the Adobe PS Application with the CSX2000 Color Server PPD (provided in the CSX2000 Color Server, **Utility** folder).
2. In the Adobe PS Wizard, verify that you have selected the Novell Printer Queue from the NetWare Network, and not the CSX2000 Color Server Virtual printers. See the following example.



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



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.



For more information on performing test prints, refer to the CSX2000 Color Server Printing Guide.

Defining the CSX2000 Color Server as a Novell NDS Client

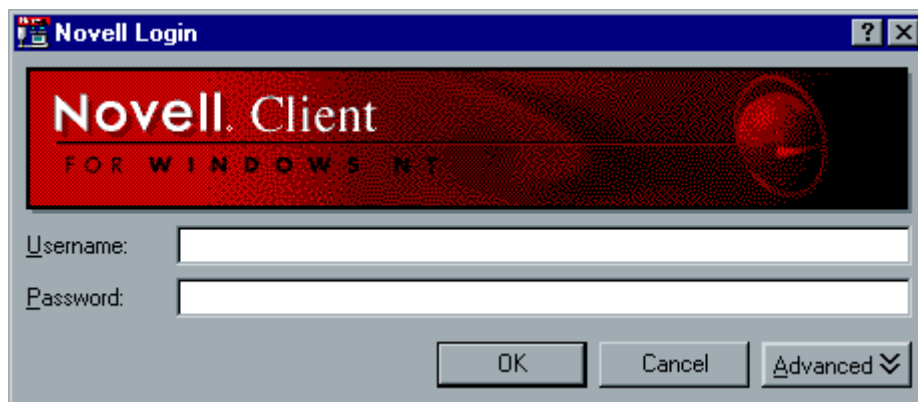
The following procedure is performed only to connect the CSX2000 Color Server to Novell NDS, as a Novell client. You do not need to perform this procedure in order to print to the CSX2000 Color Server.

To define the CSX2000 Color Server as a Novell NDS Client:



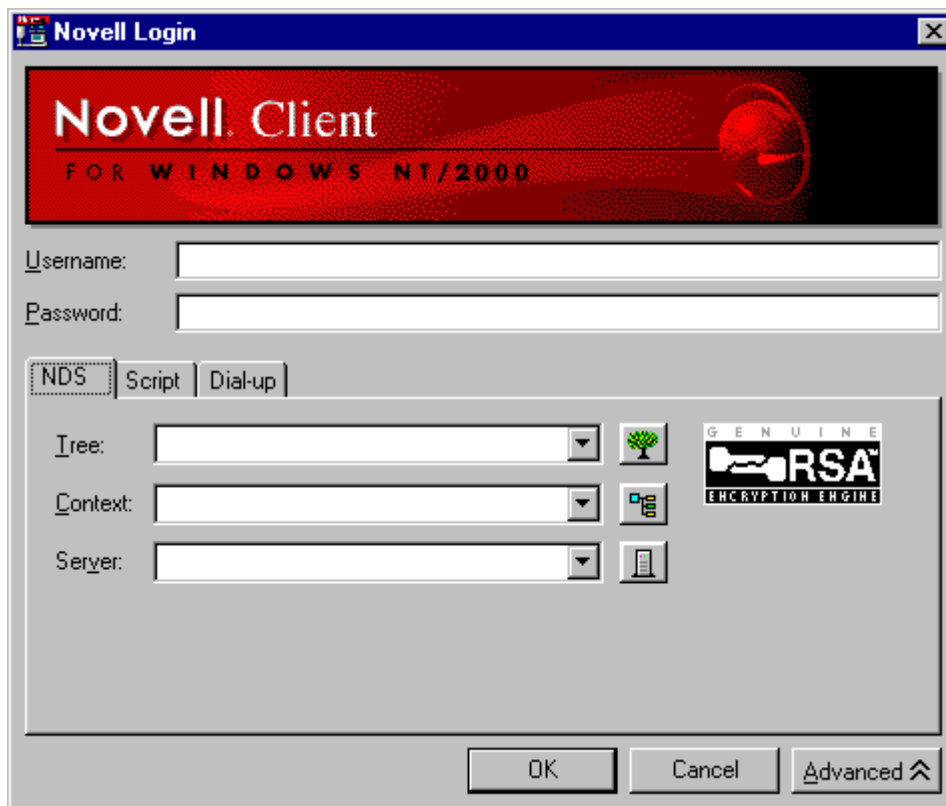
If the connection between the CSX2000 Color Server and the Novell Server has already been defined, verify the connection by following this procedure.

1. Right-click **Network Neighborhood** icon on the CSX2000 Color Server desktop, and from the menu, select **NetWare Login**. The *Novell Login* dialog box appears.



2. Type the Username and Password in their corresponding boxes; this information is available from your Novell Administrator.

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

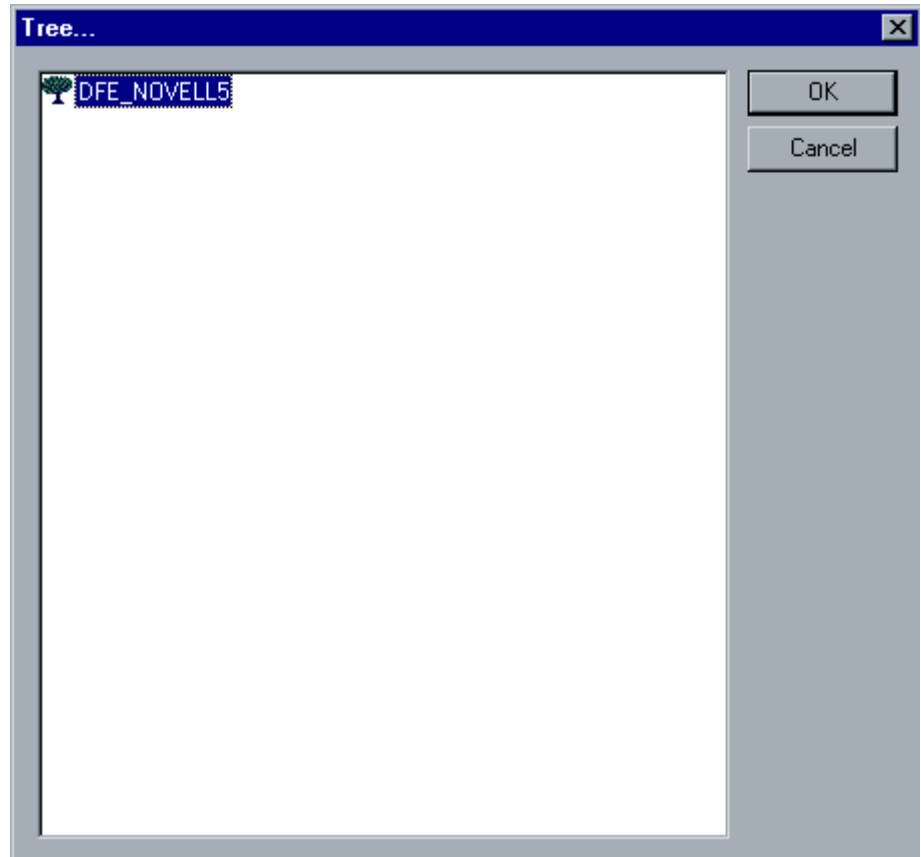


4. In the **NDS** tab, click the **Tree** icon.

The *Tree* window appears.



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.

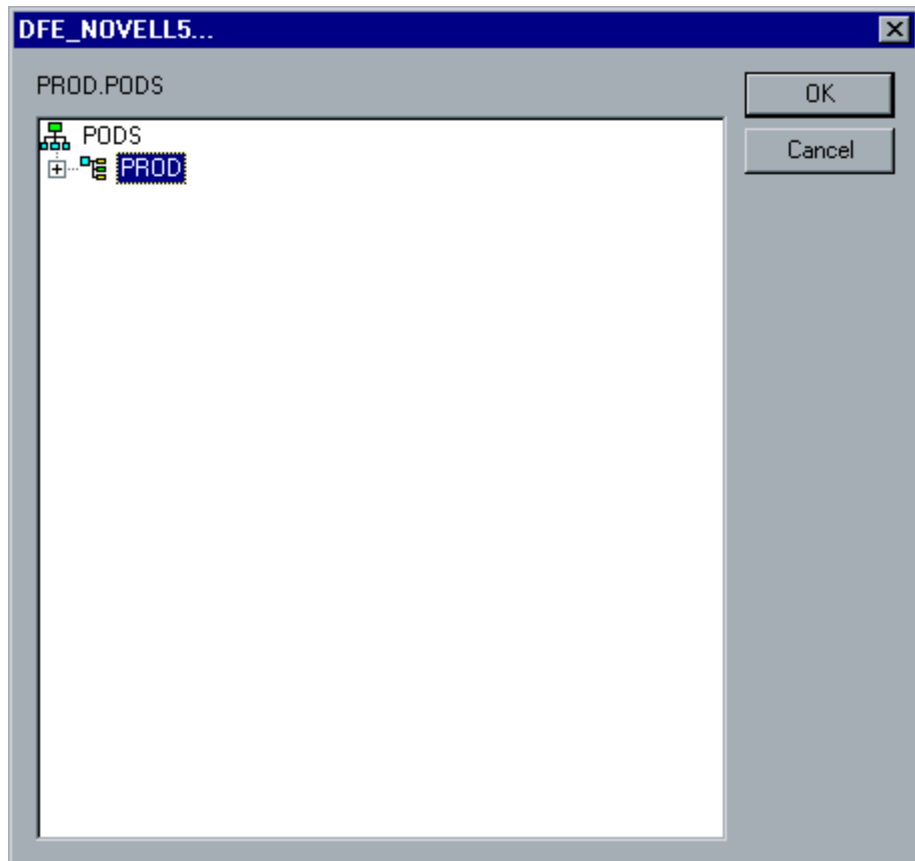


5. Select the required tree and click **OK**.
The tree parameter will now appear in the **Tree** list in the **NDS** tab.



6. In the **NDS** tab, click the **Context** icon.

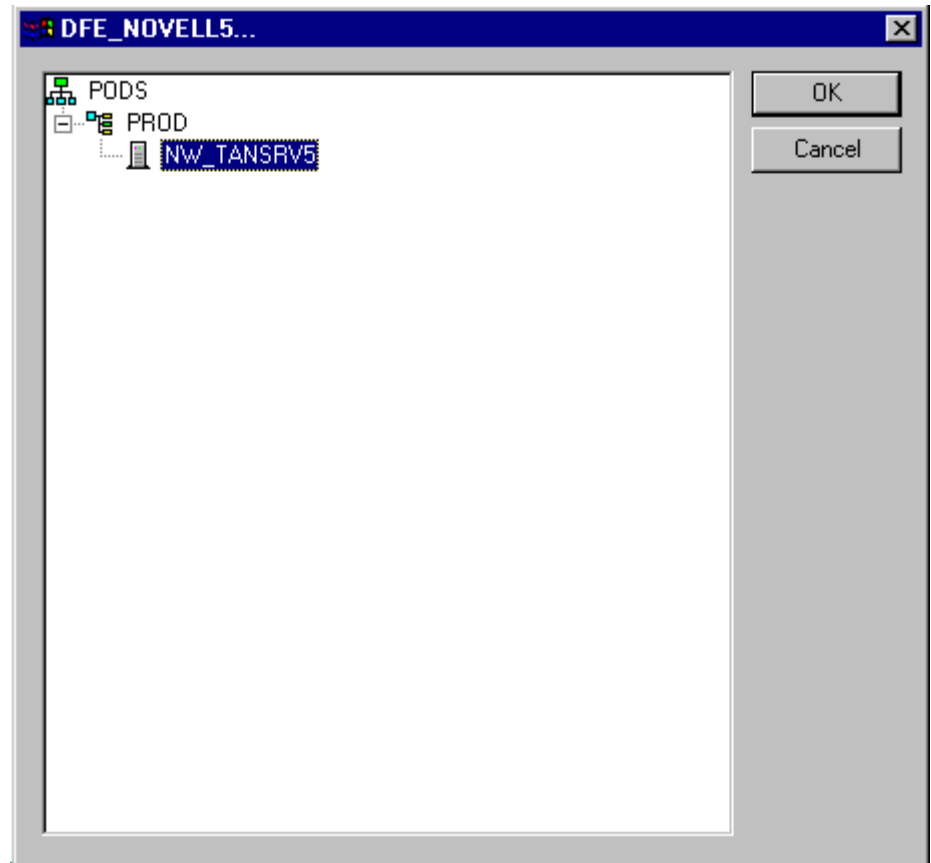
The context window appears.



7. Select the required context full containers path, and click **OK**.
The **Context** parameters full containers path will now appear, in the **Context** list in the **NDS** tab.

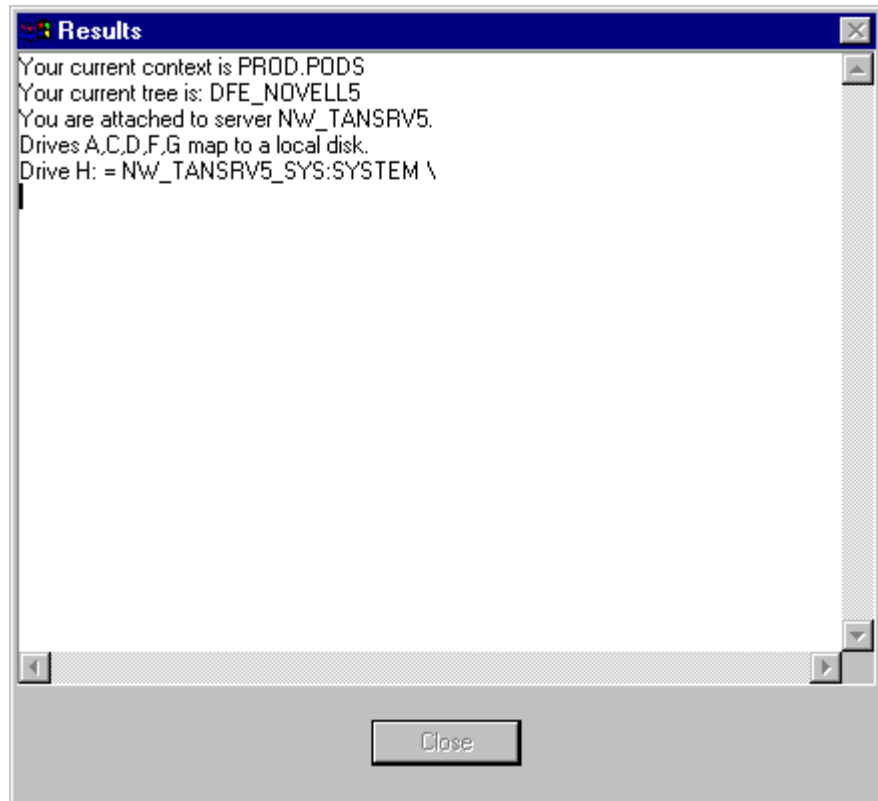


8. In the **NDS** tab, click the **Server** icon.
The server window appears.



9. Select the required Server, and click **OK**.
The **Server** parameters are added to the **Server** list in the **NDS** tab.
10. Click **OK** in the *Novell Login* dialog box.

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



The CSX2000 Color Server is now defined as a Novell NDS client.