

ECRM[®] Imaging Systems

*Postscript Printer Descriptions
Installation and Release Notes*

PostScript Printer Descriptions

Installation and Release Notes

This guide reflects the PPD Installation and Release Notes as of June, 2002.

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Information on ordering additional copies of this manual may be obtained by writing or calling:

ECRM Order Processing

554 Clark Road

Tewksbury, MA 01876

Phone No. (US) - +1 978-851-0207 — Fax (US) - +1 978-851-7016

Phone No. (UK) - +44 1923-218255 — Fax (UK) +44 1923-218256

Phone No. (Hong Kong) - +852 81-709000 — Fax (Hong Kong) +852 2-564-8821

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INTRODUCTION

1

INTRODUCTION

PostScript Printer Description (PPD) files provide device specific features to PostScript drivers and applications. Such features include different page sizes, custom page size, memory size, device type, resolutions, font availability, imaging area, lines per inch (lpi) and screen angles

PPD files are used in conjunction with PostScript printer drivers providing the user with an output channel with device specific or device family specific features.

Numerous applications (e.g. QuarkXPress, Adobe PageMaker, and Adobe Illustrator) employ PPD files for access to a device's features such as default settings, feature options, and the ability to change settings. These applications can parse PPD files to discover the available features on a device providing a user interface. When a user selects a feature from the user interface, the code for each selected feature is extracted from the PPD file and included in the appropriate place in the output file before the output file is sent to the output channel.

NEW FEATURES

- Additional page sizes
- Additional line screen pairings
- Improved custom page features
- Auto Separation ability built in (operation determined at the RIP)
- Selectable resolution from fixed list

WINDOWS NT4.0

2

WINDOWS NT 4.0

This section contains the procedures used to install PostScript Printer Descriptions (PPDs) on Intel computers running the Microsoft Windows NT 4.0 operating system. The installation of these PPDs requires your familiarity with the Windows NT operating system and the applications that employ them.

REQUIREMENTS

- Microsoft Windows NT 4.0 must be installed.
- Windows NT 4.0 installation media CD ROM or diskettes must be available.

WINDOWS NT 4.0 PPD INSTALLATION:

From your NT PC application workstation, when a new printer port has to be established perform the following:

- Step 1** From the Windows NT start-up screen, click the Start button on the task bar to open the Start menu.
- Step 2** In the Start menu highlight the *Settings* option to open the menu then click the *Printers* option to open the Printers group window.
- Step 3** In the Printers group double click on the Add Printer icon to launch the Add Printer Wizard (Figure 1.).

- Step 4** In the Add Printer Wizard (Figure 1.) click the My Computer radio button to identify your computer as the printer manager.

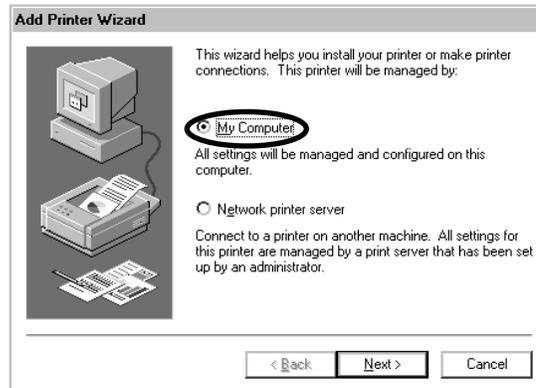


Figure 1. Add Printer Wizard

- Step 5** Click Next.
- Step 6** Click the Add Port button to open the Printer Ports dialog box (Figure 2.).

Step 7 In the Available Printer Ports list highlight AppleTalk Printing Devices, then click New Port (Figure 2.).

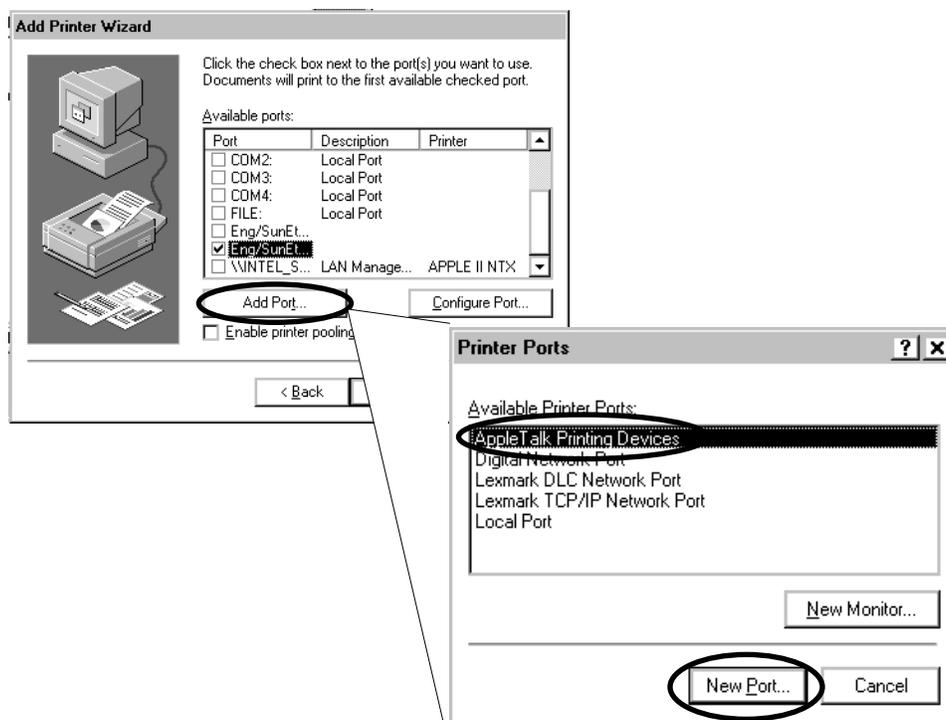


Figure 2. Selecting a Printer Port

- Step 8** In the AppleTalk Printing Devices list, double click the desired AppleTalk zone (Figure 3.). Wait for the wizard to finish searching for the AppleTalk Printing Devices in this zone.



Figure 3. Selecting an AppleTalk Zone

- Step 9** In the AppleTalk Printing Devices list, double click on a published RIP page setup (Figure 4.).

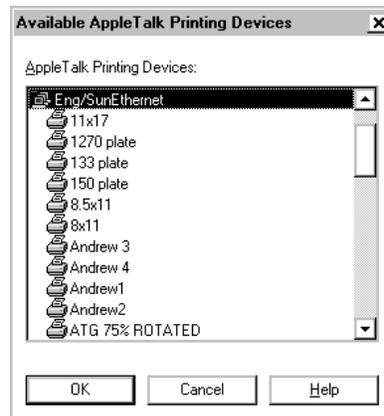


Figure 4. Selecting a RIP Page Setup

- Step 10** When prompted, click No to capture the AppleTalk printing device.
- Step 11** Click Close in the Printer Ports dialog box.
- Step 12** Click the Next button.

Step 13 In the table below complete the section that describes your installation:

Installing the initial PPD:new port	Attaching an existing PPD:new port	Replacing a current PPD:new port
<ul style="list-style-type: none"> a) Click the Have Disk button. b) Insert the RIP CD ROM disk. c) Click the Browse button to locate the CD ROM drive and the appropriate PPD folder. d) Open the PPD installer file and click OK. e) In the Printers list, select the appropriate imagesetter. f) Click Next. 	<ul style="list-style-type: none"> a) In the Manufacturers list select the appropriate manufacturer. b) In the Printers list, select the appropriate imagesetter. c) Click Next. d) Select the Keep existing driver radio button. e) Click Next. 	<ul style="list-style-type: none"> a) Click the Have Disk button. b) Insert the RIP CD ROM disk. c) Click the Browse button to locate the CD ROM drive and the appropriate PPD folder. d) In the Printers list, select the appropriate imagesetter. e) Click Next. f) Select the Replace existing driver radio button. g) Click Next.

Step 14 Enter the default printer name or a more descriptive name describing the input channel or page setup selected. For example, Job#1274 or 1270NegMirror (Figure 5.).

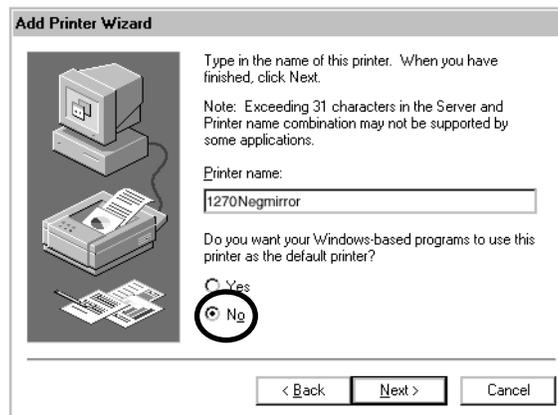


Figure 5. Specifying a Printer Name and Default Status

- Step 15** If available, choose the **Yes** or **No** radio button to specify whether this is the default printer (Figure 5.). Normally this selection is **No**.
- Step 16** Click **Next**.
- Step 17** Click either the **Shared** or **Not shared** radio button to choose whether to share with non-AppleTalk protocol computers (Figure 6.).

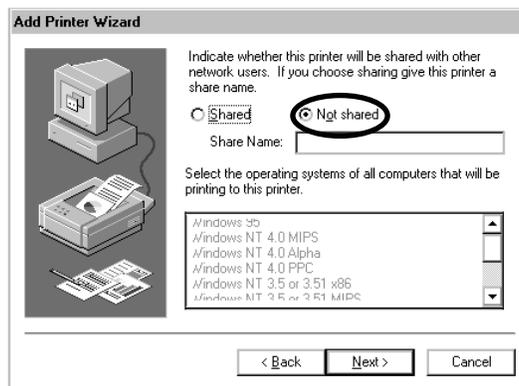


Figure 6. Entering Sharing Information

Typically it is not necessary to share the printer. Selecting **Shared** allows Windows NT to make the AppleTalk Protocol printer available to other computers that are on the Microsoft network but without AppleTalk protocol.

If you choose **Shared**, complete steps a) and b) below:

- a) Enter a printer name in the **Share Name** field.
- b) In the list box, select the operating system of each computer that you expect to use with this printer.

Note: If you have any questions on sharing consult your network administrator or see your operating systems' user guide.

- Step 18** Click **Next**.
- Step 19** The wizard issues the following prompt: **Would you like to print a test page?**
- Step 20** Click **No**.

Note: You may select **Yes** to this prompt only if your imagesetter and RIP are configured, operational, and ready to receive AppleTalk jobs.

- Step 21** Click **Finish**.
- Step 22** If prompted to load the **Windows NT Printer Descriptions** media or **Windows NT operating system** media, load the required diskette or CD.

Step 23 The PPD installation is complete. However, if your application is QuarkXPress or PageMaker continue with the instructions on page 2-10.

Note: Configuring printers using the appletalk protocol in the windows environment renames all incoming ripped page buffers to the name assigned to the input controller in the Rip.

WINDOWS NT 4.0 PPD INSTALLATION: EXISTING PORT

From your PC application workstation, when a printer port already exists, perform the following:

- Step 1** On the Windows NT start-up screen, click the Start button on the task bar to open the Start menu.
- Step 2** In the Start menu highlight the *Settings* option to open the menu then click the *Printers* option to open the Printers group window.
- Step 3** In the Printers group double click on the Add Printer icon to launch the Add Printer Wizard (Figure 7.).
- Step 4** In the Add Printer Wizard (Figure 7.) click the My Computer radio button to identify your computer as the printer manager.

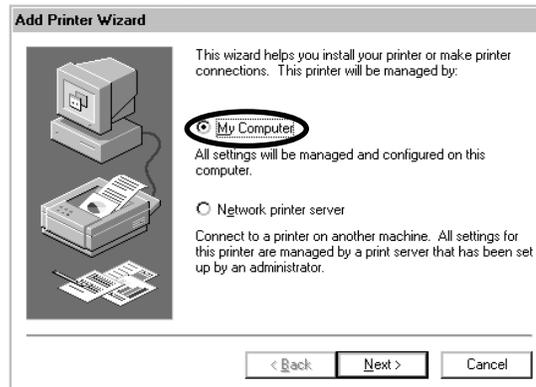
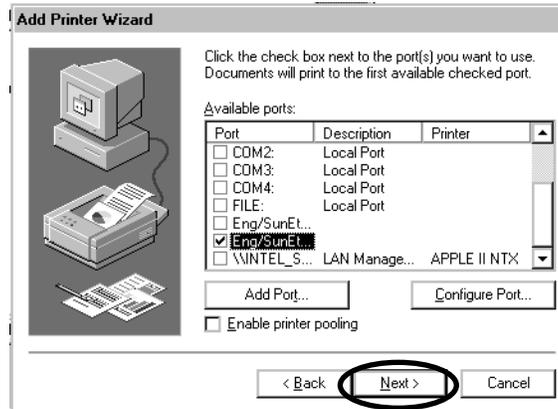


Figure 7. Add Printer Wizard

Step 5 Select an existing AppleTalk port and click Next.*Figure 8. Selecting an AppleTalk Port***Step 6** In the table below complete the section that describes your installation:

Installing the initial PPD: existing port	Attaching an existing PPD: existing port	Replacing a current PPD: existing port
a) Click the Have Disk button. b) Insert the RIP CD ROM disk. c) Click the Browse button to locate the CD ROM drive and the appropriate PPD folder. d) Open the PPD installer file and click OK . e) In the Printers list, select the appropriate imagesetter. f) Click Next .	a) In the Manufacturers list, select the appropriate manufacturer. b) In the Printers list, select the appropriate imagesetter. c) Click Next . d) Select the Keep existing driver radio button. e) Click Next .	a) Click the Have Disk button. b) Insert the RIP CD ROM disk. c) Click the Browse button to locate the CD ROM drive and the appropriate PPD folder. d) In the Printers list, select the appropriate imagesetter. e) Click Next . f) Select the Replace existing driver radio button. g) Click Next .

- Step 7** Enter the default printer name or a more descriptive name describing the input channel or page setup selected. For example, Job#1274 or 1270NegMirror (Figure 9.).

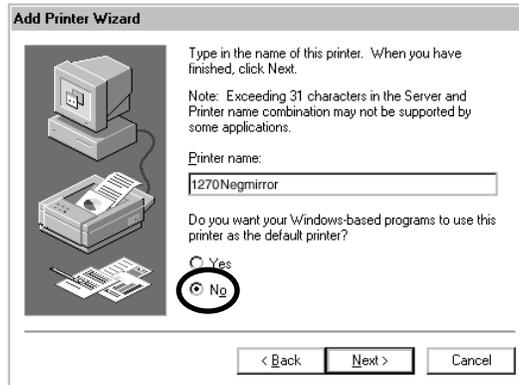


Figure 9. Specifying a Printer Name and Default Status

- Step 8** Choose the Yes or No radio button to specify whether this is the default printer (Figure 9.). Normally this selection is No.
- Step 9** Click Next.
- Step 10** Click either the Shared or Not shared radio button to choose whether to share with non-AppleTalk protocol computers (Figure 10.).

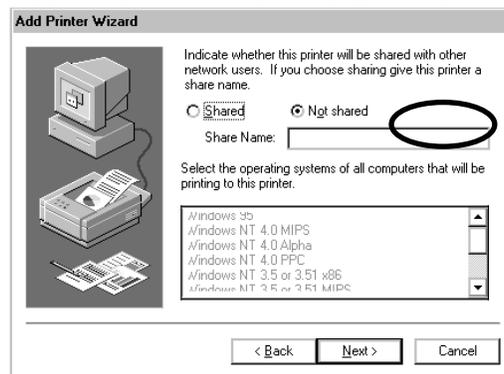


Figure 10. Entering Sharing Information

Typically it is not necessary to share the printer. Selecting **Shared** allows Windows NT to make the AppleTalk Protocol printer available to other computers that are on the Microsoft network but without AppleTalk protocol.

If you choose **Shared**, complete steps a) and b) below:

- a) Enter a printer name in the **Share Name** field.
- b) In the list box, select the operating system of each computer that you expect to use with this printer.

Note: If you have any questions on sharing consult your network administrator or see your operating systems' user guide.

Step 11 Click **Next**.

Step 12 The wizard issues the following prompt: **Would you like to print a test page?**

Step 13 Click **No**.

Note: You may select **Yes** to this prompt only if your imagesetter and the RIP are configured, operational, and ready to receive AppleTalk jobs.

Step 14 Click **Finish**.

Step 15 If prompted to load the **Windows NT Printer Descriptions media** or **Windows NT operating system media**, load the required diskette or CD.

Step 16 The PPD installation is now complete. However, if your application is **QuarkXPress** or **PageMaker** continue with the instructions on page 2-10.

QUARKXPRESS AND PAGEMAKER

QuarkXPress and PageMaker require you to add PPDs to their directory structures as well, so that these applications can use all of the PPDs' features.

QuarkXPress (3.3.x)

Confirm that the appropriate PPD for your imagesetter from the PC Printer Descriptions Windows NT 4.0 media to your Windows system directory, e.g.

C:\<NT 4.0 root directory>\system\...

Note: When using QuarkXPress, make sure the **specific printer** and the **Use for PDF** fields use the same output device.

Note: QuarkXPress for Windows is not fully compatible with the RIP and the Windows NT Intel operating system. Jobs sent from a NT workstation will display the published page setup name in the Output Controller of the RIP and not the document name. The PPD still functions the same and the media output is not affected.



QuarkXPress (4.0)

QuarkXPress 4.0 has added the PPD Manager Utility. This utility allows the user to select what PPDs will be available to the application. The PPD system folder for correctly installed PPDs (printers) should be:

c:\<NT 4.0 root directory>\system32\spool\drivers\w32x86

Note: QuarkXPress for Windows is not fully compatible with the RIP and the Windows NT Intel operating system. Jobs sent from a NT workstation will display the published page setup name in the Output Controller of the RIP and not the document name. The PPD still functions the same and the media output is not affected.

PageMaker (6.5)

Copy the appropriate PPD corresponding to your imagesetter from the PC Printer Descriptions Windows NT 4.0 media to the following directory, e.g.

\PM65\Rsrc\Usenglish\Ppd4

Note: When using PageMaker, make sure the **printer** and the **PPD** fields use the same output device.

Note: If your completed printer does not yield custom page sizes using the documented method, download the Adobe Postscript Driver (1.02 Universal Installer) from the Adobe website. Install the downloaded program (*.exe) on the DTP workstation computer. When building a printer, launch the Adobe Postscript Driver.exe program and follow the instructions for installing PPDs detailed in the various OS sections of this document.

WINDOWS 95 & WINDOWS 98

WINDOWS 95/98 PRINTER DESCRIPTIONS

This section describes how to install the PostScript Printer Descriptions (PPDs) on a PC using Windows 95 or Windows 98. Windows 95/98 employs a WIZARD to coach you through the installation steps. A wizard is a series of hypertext dialog boxes that contain software controls and instructions to perform a procedure.

Follow the instructions in this document to initiate the Add Printer Wizard and to enter the data that the wizard requires to install the PPD.

REQUIREMENTS

- Microsoft Windows 95/98 must be installed.
- Windows 95/98 installation media (CD-ROM or diskettes) must be available.

INSTALLING IMAGESETTER PPDs

- Step 1** On the Windows 95/98 start-up screen, click the Start button to open the Start menu.
- Step 2** In the Start menu highlight the Settings option to open its popup menu.
- Step 3** In the Settings popup menu click the Printers option to open the Printers group window.

- Step 4** In the Printers group double click on the Add Printer Icon to launch the Add Printer Wizard.



- Step 5** Add Printers Wizard
- Step 6** In the Add Printer Wizard click Next.
- Step 7** In the succeeding dialog box, choose the Local printer option button.
- Step 8** Click Next to view the next wizard dialog box, which allows you to choose the PPDs that you want to install.

The dialog box contains two list boxes titled **Manufacturers** and **Printers**, and a button called **Have Disk**.

Note: The **Back** and **Next** buttons successively display the dialog boxes for the wizard.

Complete either **Step 9** or **Step 10**, below, depending on your installation requirements.

- Step 9** If you are installing PPDs that are already available to your Windows 95 session, complete the following steps.
- In the **Manufacturers** list box highlight **ECRM**.
 - In the **Printers** list box highlight the name of the imagesetter you want.
 - Click **Next**.

New Installations

Step 10 If you are installing the PPDs (or replacing them with new ones) from a disk, complete the following steps.

- a) In the Add Printer Wizard click the **Have Disk** button. A dialog box named Install From Disk prompts you to insert the installation disk.
- b) Insert the RIP CD ROM disk into the CD ROM drive and click **OK**.
- c) If you don't know the name of the CD ROM drive, click the **Browse** button to open the Browse dialog box and visually locate the CD ROM drive.
- d) In the **Printers** list box highlight the name of the imagesetter you want.
- e) Click **Next**.

Step 11 In the Add Printer Wizard click the name of the port you want to use with the selected imagesetter.



Step 12 Choose the Printer Port

Step 13 Click Next.

Step 14 The new dialog box prompts you to enter a printer name, which appears in the application. You may leave the default printer name or enter a new one.

Step 15 Click Next.

Step 16 The wizard dialog box also contains the following prompt:

Step 17 Do you want your Windows-based programs to use this printer as the default printer?

Step 18 Click either the Yes or No option button.

Step 19 Click Next.

Step 20 The wizard issues the following prompt: **Would you like to print a test page?**

Step 21 Click the **No** button. You should not print a test page because you may not be configured yet to a published page setup.

Step 22 Click the **Finish** button.

At the software prompt, load the Windows 95 Printer Descriptions media and Windows 95/98 operating system media, as necessary.

If the software prompts you to find a file named *****.PPD, click the **Browse** button and use the Browse dialog box to locate the file. If you are installing a new PPD this will most likely be on your ECRM Software CD.

Step 23 Click **OK** in the **Open** dialog box.

Step 24 Click **OK** in the **Copying Files** dialog box to copy the files and close the **Add Printer Wizard**.

Step 25 Configure an imagesetter (virtual printer) as required by the network that connects your PC to the RIP workstation (e.g., Maclan by Miramar).

QUARKXPRESS AND PAGEMAKER

QuarkXPress and PageMaker require you to add PPDs to their file structure as well, so that these applications can use all of the PPDs' features.

QuarkXPress (3.3.x)

Copy the appropriate PPD corresponding to your imagesetter from the PC Printer Descriptions Windows 95 media to your Windows system directory, e.g.

C:\windows\system\...

Note: When using QuarkXPress, make sure the **specific printer** and the **Use for PDF** fields contain the same output device.

Note: QuarkXPress for Windows 95 is not fully compatible with the RIP and the Windows 95 Intel operating system. Jobs sent from a Windows 95 workstation will display the published page setup name in the Output Controller of the RIP and not the document name. The PPD still functions the same and the media output is not affected.

QuarkXPress (4.0)

QuarkXPress 4.0 has added the PPD Manager Utility. This utility allows the user to select what PPDs will be available to the application. The PPD system folder for currently installed PPDs should be:

c:\<Windows 95 root directory>\system

Note: QuarkXPress for Windows 95 is not fully compatible with the RIP and the Windows 95 Intel operating system. Jobs sent from a Windows 95 workstation will display the published page setup name in the Output Controller of the RIP and not the document name. The PPD still functions the same and the media output is not affected.

PageMaker (6.5)

Copy the appropriate PPD corresponding to your imagesetter from the PC Printer Descriptions Windows 95 media to the following directory, e.g.

\PM65\Rsrc\Usenglish\Ppd4

Note: When using PageMaker, make sure the **print to** and the **type** fields contain the same output device.

Note: If your completed printer does not yield custom page sizes using the documented method, download the Adobe Postscript Driver (1.02 Universal Installer) from the Adobe website. Install the downloaded program (*.exe) on the DTP workstation computer. When building a printer, launch the Adobe Postscript Driver.exe program and follow the instructions for installing PPDs detailed in the various OS sections of this document.

MACINTOSH

MACINTOSH

This document describes procedures used to install a PPD (PostScript Printer Description) that has been tailored for your new output device. These files are designed to help you take advantage of different features such as paper sizes and Level 2 functionality.

PPD INSTALLATION PROCEDURE

The PPD file was designed to incorporate a wide range of printer features for the imagesetters. The PPD was created according to the Adobe Systems PostScript Printer Description File Format Specification and can be used by various applications which use PPDs, such as Adobe PageMaker and QuarkXPress.

Installation

- Step 1** Insert the RIP CD ROM disk.
- Step 2** Double click on the PPD & Drivers folder.
- Step 3** Double click on the Macintosh PPDs folder.
- Step 4** Select the appropriate PPD and “drag and drop” it into the Macintosh boot disk’s **System Folder:Extensions:Printer Descriptions** folder.

Note: This location is appropriate for most applications as well as for attaching PPDs to laser writer drivers.



**For QuarkXPress 3.3 and 3.3.1,
place the PPD in the QuarkXPress folder.**

- Step 5** If any applications are currently open, **Quit** the applications and relaunch them to recognize the PPD.

USING APPLE LASERWRITER 8.X DRIVER AND PPDs

With the Apple LaserWriter 8.x driver, a PPD can be selected and setup directly within the LaserWriter driver. Read the read me file provided with your LaserWriter driver prior to establishing a LaserWriter “printer”.

Note: Some applications may allow a PPD to be selected from within the application in addition to from within the LaserWriter driver. If this is possible, select the same PPD from within the application as from within the LaserWriter driver.

Step 1 To select a PPD from within the LaserWriter driver, from the Apple menu, pull down to Chooser. Figure 1. is displayed.



Figure 1. Chooser Window (Example 8.5.1)

- Step 2** Select the appropriate LaserWriter driver. (Figure 1. uses LaserWriter 8.5.1 as an example.)
- Step 3** Select the appropriate PostScript printer (Input channel of RIP).

- Step 4** Select PPD by interrupting “Auto Setup”. See Figure 2. , or Choose **Select PPD** in the setup dialog box (see Figure 3.).

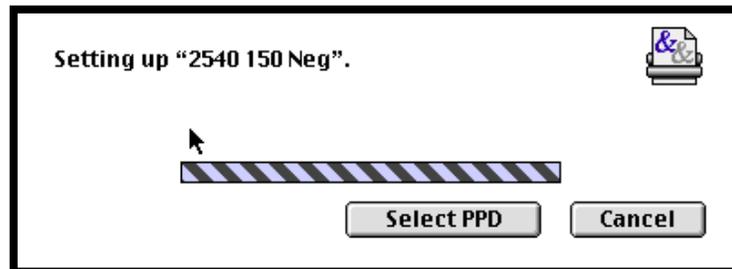


Figure 2. Auto Detect

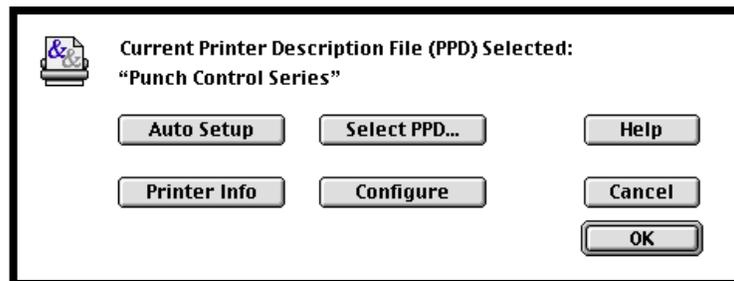


Figure 3. Setup DB

- Step 5** Scroll through the window to locate the desired PPD. See Figure 4. .
- Step 6** Highlight the appropriate PPD and click **Select** to choose the desired PPD and return to the previous window.
- Step 7** Click **OK** to return to Figure 1. , “Chooser Window (Example 8.5.1)”.
- Step 8** Close the Chooser window.

Further information on the LaserWriter 8.x driver can be obtained from Apple Computer Corporation.

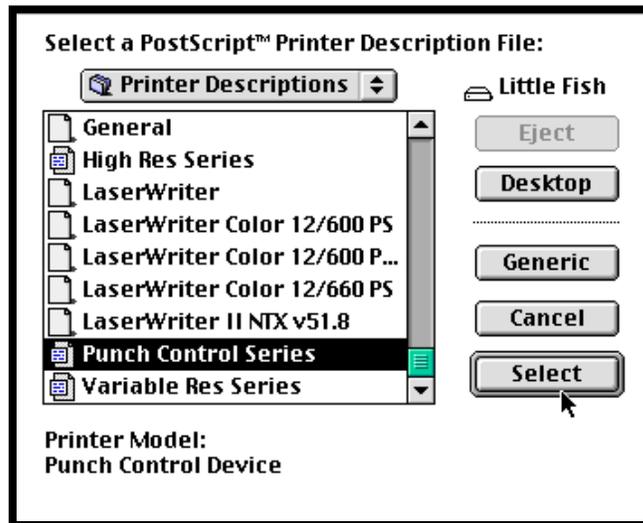


Figure 4. Select PPD Dialog Box

WINDOWS 2000

5

INTRODUCTION

This section contains the procedures used to install PostScript Printer Descriptions (PPDs) on Intel computers running the Microsoft Windows 2000 operating system. The installation of these PPDs requires your familiarity with the Windows 2000 operating system and the applications that employ them.

REQUIREMENTS

- The original Windows 2000 installation media CD ROM must be available.
- Microsoft Windows 2000 Server must be installed, with File Services for Macintosh installed. See “Configuring File Services for Macintosh On Windows 2000 Server:” on page 5-1
- Or, Microsoft Windows 2000 Professional must be installed, with AppleTalk protocol installed. See “Configuring AppleTalk On Windows 2000 Professional:” on page 5-3

CONFIGURING FILE SERVICES FOR MACINTOSH ON WINDOWS 2000 SERVER:

Before installing the PPD's, you must be sure File Services for Macintosh has been configured. You need to do this even if your computer is not going to be used as a Macintosh file server, because this procedure installs and enables AppleTalk, the protocol used to print to the RIP.

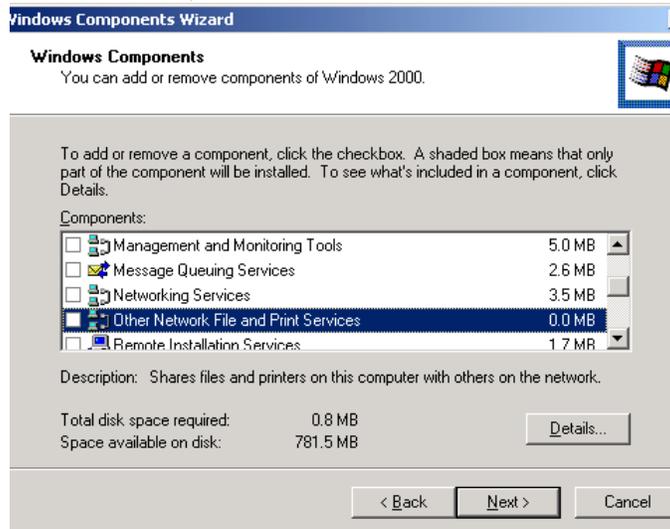
If you have just performed a fresh installation of Windows 2000 Server, you will need to perform this configuration step.

If the PC already has Windows 2000 Server installed, this step may have already been performed. The quickest way to find out is simply to jump ahead and proceed with the PPD installation as shown below. When you reach the screen headed

Select the Printer Port note whether it offers AppleTalk Printing Devices as a port type. If it does not appear, cancel installation and return to this step.

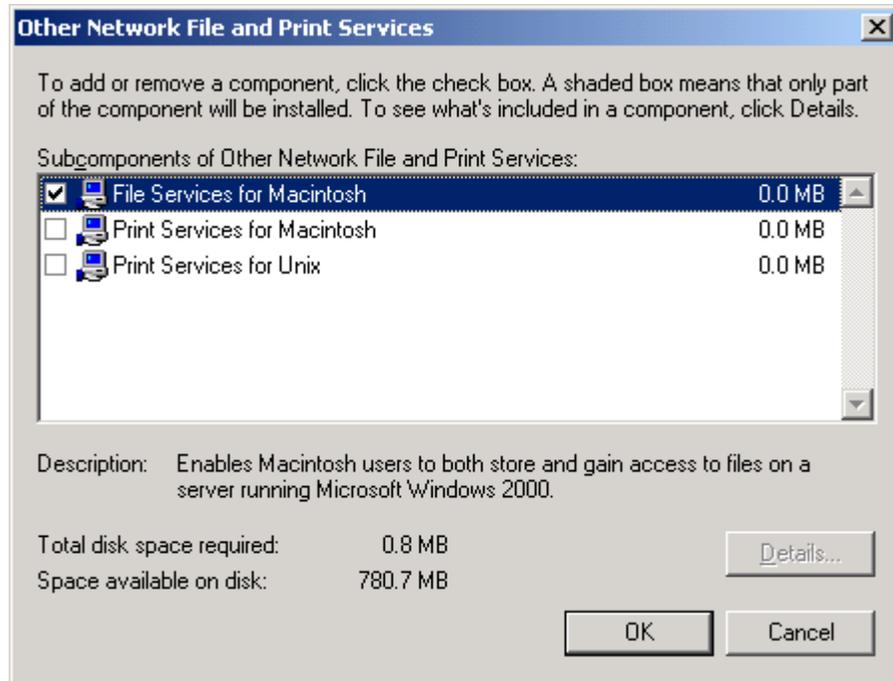
Configuring File Services for Macintosh:

- Step 1** Select **Start>Settings>Control Panel>Add/Remove Programs**.
- Step 2** Click on **Add/Remove Windows Components**. This starts the **Windows Components Wizard**.
- Step 3** In the Wizard, click the check box for **Other Network File and Print Services**.



- Step 4** Press **Next**.

- Step 5** Click the check box **File Services for Macintosh**. (**Print Services for Macintosh** are not needed for PPD installations.)



CONFIGURING APPLTALK ON WINDOWS 2000 PROFESSIONAL:

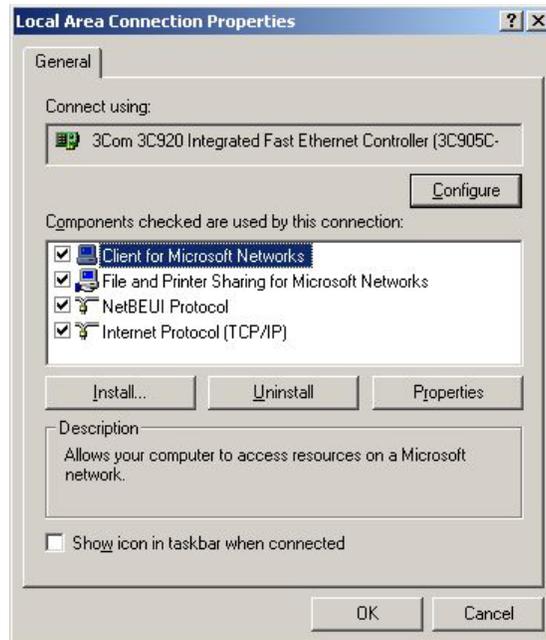
Before installing the PPD's, you must be sure AppleTalk has been configured. You need to do this even if your computer is not going to be used as a Macintosh file server, because this procedure installs and enables AppleTalk, the protocol used to print to the RIP.

If you have just performed a fresh installation of Windows 2000 Professional, you will need to perform this configuration step.

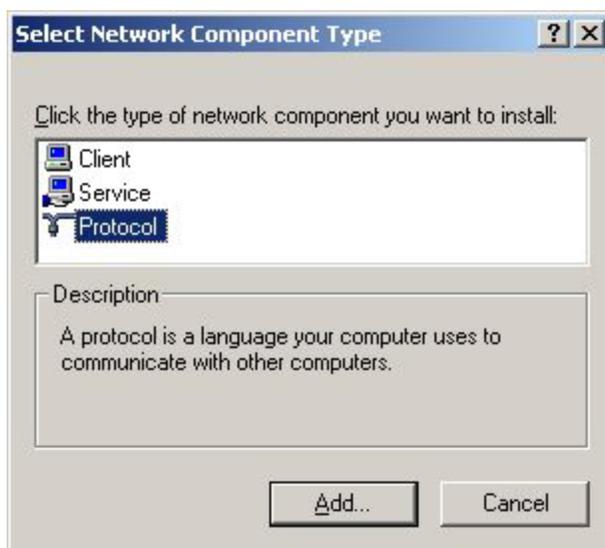
If the PC already has Windows 2000 Professional installed, this step may have already been performed. The quickest way to find out is simply to jump ahead and proceed with the PPD installation as shown below. When you reach the screen headed Select the Printer Port note whether it offers AppleTalk Printing Devices as a port type. If it does not appear, cancel installation and return to this step.

Configuring Appletalk:

- Step 1** Right click on My Network Places and select Properties.
- Step 2** Right click on Local Area Connection and select Properties..
- Step 3** In the Local Area Connection Properties dialog, click the Install button.



Step 4 Select Protocol and click the Add... button.



Step 5 Select AppleTalk Protocol and click the OK button.



Windows 2000 PPD Installation

From your PC application workstation perform the following installation step.

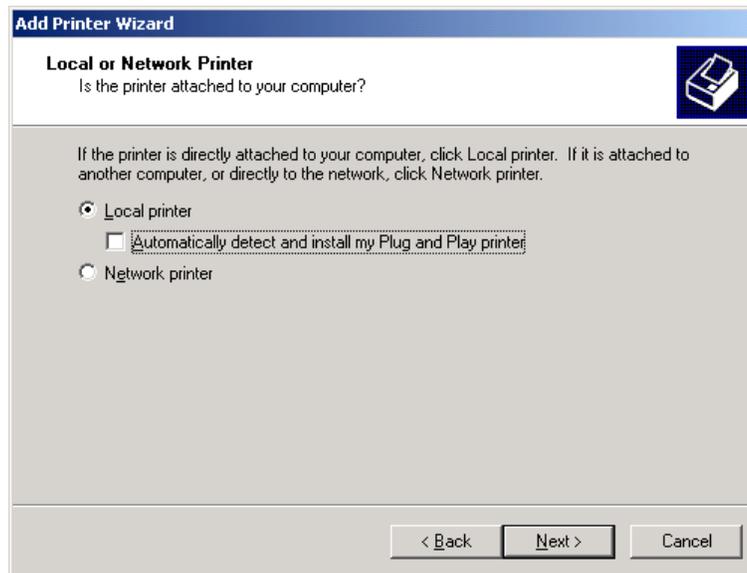
- Step 1** From the Windows 2000 start up screen, click the Start Button on the task bar to open the Start menu.
- Step 2** In the Start menu highlight the Settings option to open the menu then click the Printers option to open the Printers Group Window.
- Step 3** In the Printers Group double click on the Add Printer Icon to start the Add Printer Wizard.



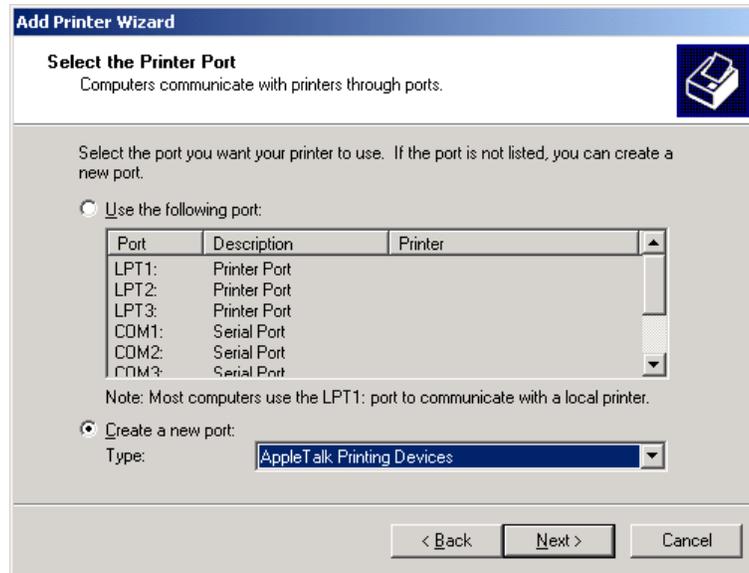
- Step 4** Click Next.
- Step 5** When prompted Local or Network Printer, choose Local.



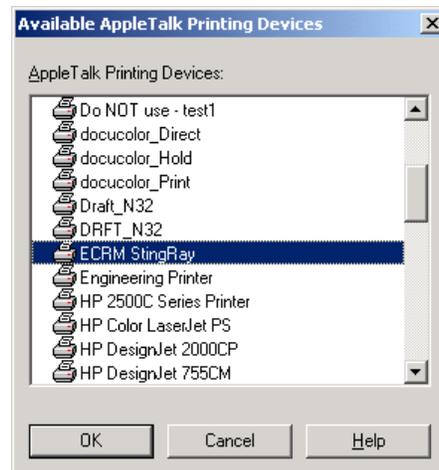
Important: The directions in the Wizard are misleading. Even though you are connected to the recorder and its RIP via the network, the correct choice is “Local.”



Step 6 When prompted to Select the Printer Port, select Create a New Port, and select they type Appletalk Printing Devices. Note: If AppleTalk Printing Devices does not appear in the list of Types, press Cancel, go back to the previous section of these directions, and follow the directions for configuring File Services for Macintosh.

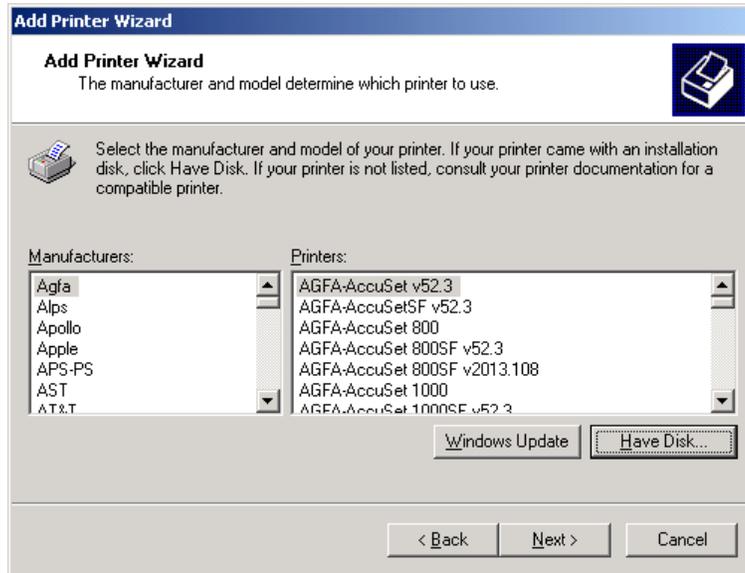


- Step 7** Press Next. Select an AppleTalk zone if necessary, and wait for the Wizard to present you with a list of the AppleTalk devices in that zone. You will see the names of any published Page Setups from an RIP that is on the network in that zone. Select the one you wish to print to.



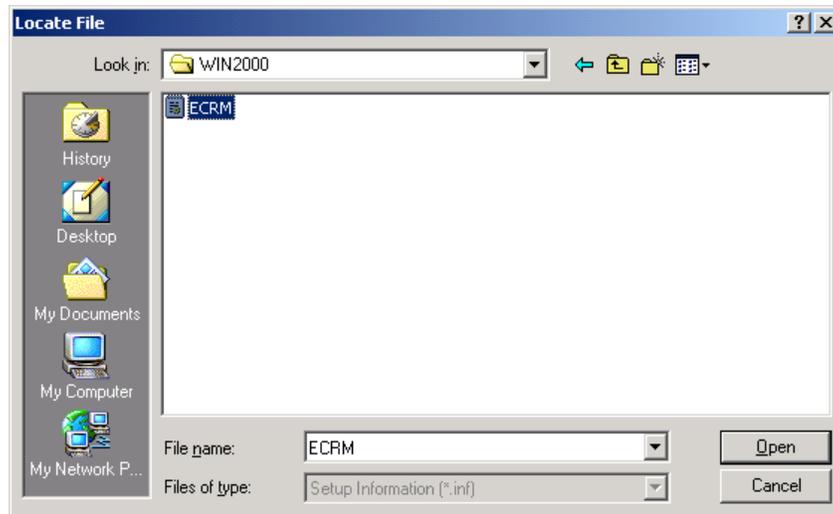
- Step 8** When prompted Do you wish to capture the Apple Talk device, click No.

Step 9 When prompted to Select the manufacturer and model of your print, click Have Disk.

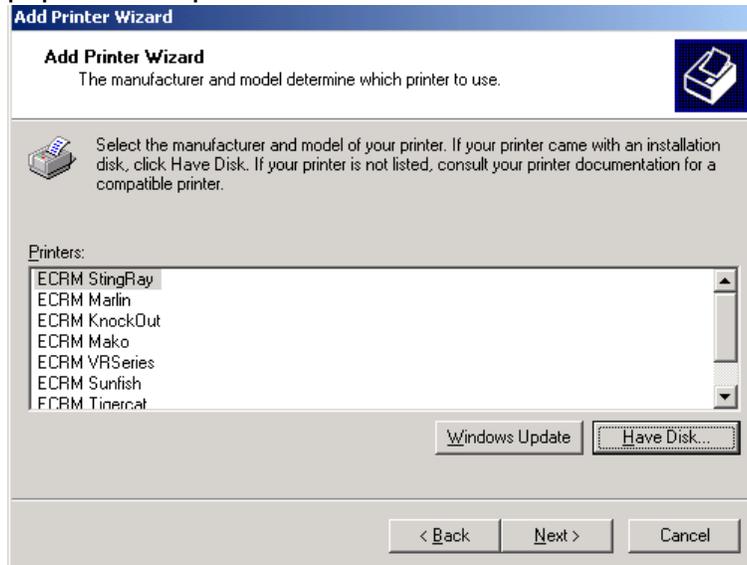


Step 10 When prompted to insert the disk, insert the RIP installation CD-ROM in the CD-ROM drive, press Browse, and locate the PPD/WIN 2000 directory. 1

Step 11 Select it and press OK.



- Step 12** The Wizard now shows you a list of imagesetters and platesetters. Select the appropriate one and press Next.

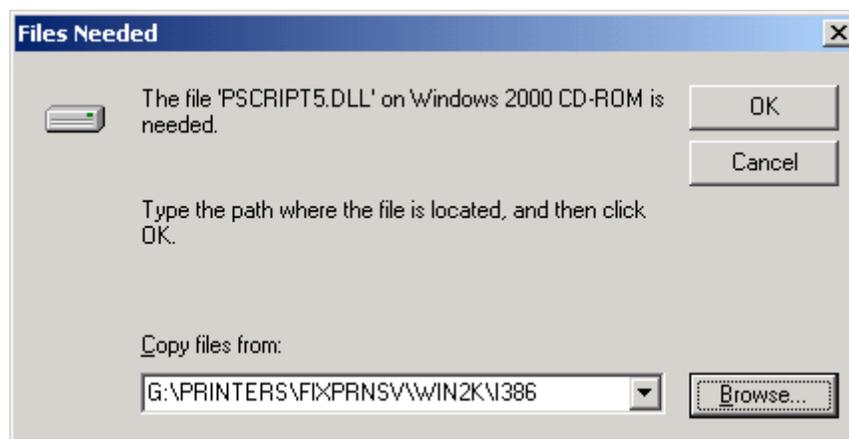


- Step 13** When prompted to Name Your Printer, choose an appropriate name.
- Step 14** When prompted Do you want you Window-based programs to use this printer as the default printer, typically you will answer No. Press Next.
- Step 15** When prompted for Printer Sharing, typically you will select Do not share this printer. This is not usually necessary. Selecting Shared allows Windows NT to make the AppleTalk Protocol printer available to other computers that are on the Microsoft network but without appleTalk protocol.
- Step 16** When prompted Would you like to print a test page? Click No.
- Step 17** When prompted you have successfully completed the Add Printer Wizard, click Finish.

- Step 18** At this point, a warning will appear saying **Digital Signature Not Found** and asking **Do you want to continue the installation**. Ignore the warning and click **Yes**.



- Step 19** A notice will appear saying **The file PSCRIPT5.DLL on Windows 2000 CD-ROM is needed**. Insert your original Windows 2000 Server CD. Click on **Browse** and locate the CD-ROM, then in succession, select the folders **PRINTERS\FIXPRNSV\WIN2K\1386**.
- Step 20** Although the prompt calls for **PSCRIPT.DLL**, when you find the file it will appear either as **PSCRIPT5** or **PSCRIPT.DL_**. Click **OK**.
- Step 21** Installation is complete.



Note: If your completed printer does not yield custom page sizes using the documented method, download the Adobe Postscript Driver (1.02 Universal Installer) from the Adobe website. Install the downloaded program (*.exe) on the DTP workstation computer. When building a printer, launch the Adobe Postscript Driver.exe program and follow the instructions for installing PPDs detailed in the various OS sections of this document.

WINDOWS XP

6

WINDOWS XP PRINTER DESCRIPTIONS

This section describes how to install the PostScript Printer Descriptions (PPDs) on a PC using Windows XP. Windows XP employs a WIZARD to coach you through the installation steps. A wizard is a series of hypertext dialog boxes that contain software controls and instructions to perform a procedure.

Follow the instructions in this document to initiate the Add Printer Wizard and to enter the data that the wizard requires to install the PPD.

REQUIREMENTS

- Microsoft Windows XP must be installed.
- Windows XP installation media (CD-ROM) must be available.
- ECRM Software CD ROM

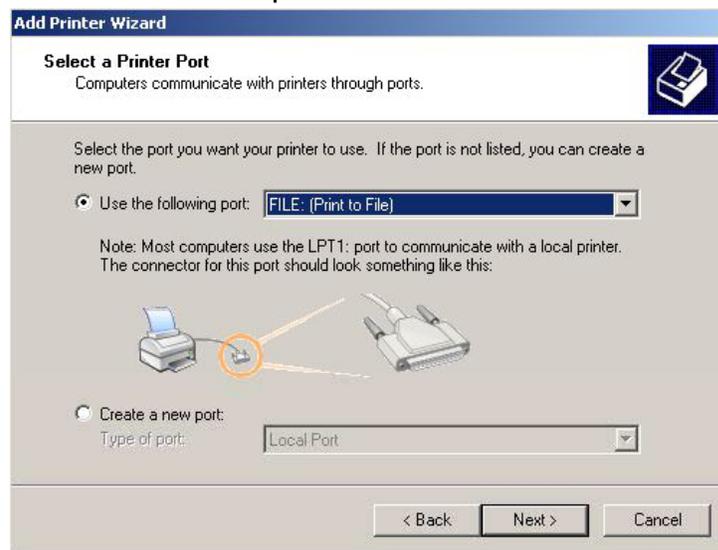
INSTALLING IMAGESETTER PPDs

- Step 1** On the Windows XP screen, click the Start button to open the Start menu.
- Step 2** In the Start menu highlight the Settings option to open its popup menu.
- Step 3** In the Settings popup menu click the Printers & Faxes selection.

- Step 4** In the Printer & Fax group double click on the Add Printer Icon to launch the Add Printer Wizard.



- Step 5** In the Add Printer Wizard click Next.
- Step 6** In the succeeding dialog box, choose the Local printer option button, then select Next.
- Step 7** In the Select a Printer Port dialog, select the printer port you want to use. We selected File in this example.



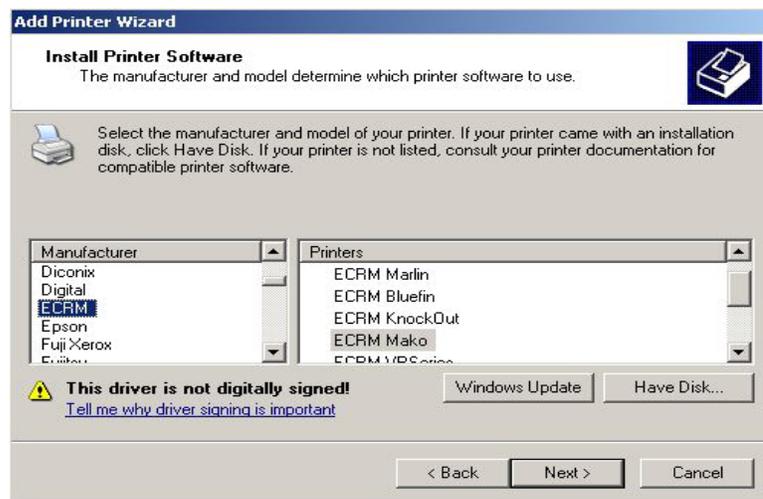
- Step 8** click Next.

Step 9 The **Install Printer Software** dialog box is displayed. It allows you to choose the PPDs that you want to install.

The dialog box contains two list boxes titled **Manufacturers** and **Printers**, and a button called **Have Disk**.

Note: The **Back** and **Next** buttons successively display the dialog boxes for the wizard.

Complete either **Step 10** or **Step 11**, below, depending on your installation requirements.



Note: You may see a message stating the driver is not digitally signed. This message is expected and should be ignored.

Step 10 If you are installing PPDs that are already available to your Windows XP session, complete the following steps.

- a) In the **Manufacturers** list box highlight **ECRM**.
- b) In the **Printers** list box highlight the name of the imagesetter you want to print to.
- c) Click **Next**.

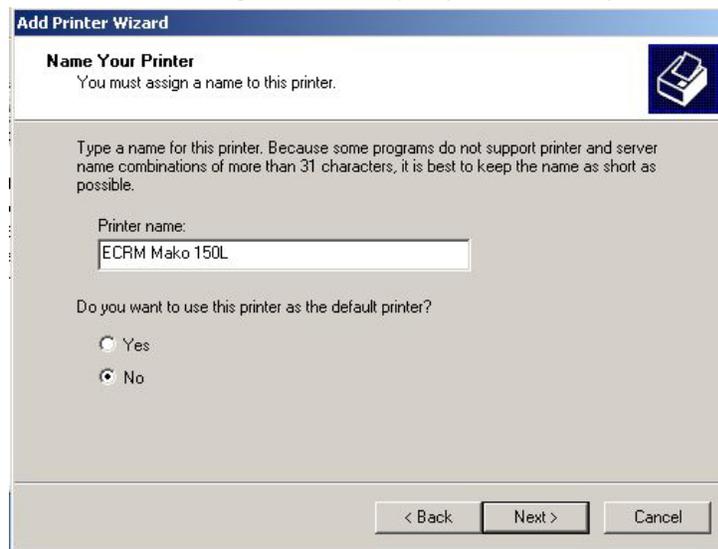
Note: If the driver has been loaded previously, you may receive a message stating the driver already exists. You will be asked if you want to keep the old driver or load a new driver. Loading the new driver load the latest driver.

New Installations

Step 11 If you are installing the PPDs (or replacing them with new ones) from a disk, complete the following steps.

- a) In the Add Printer Wizard click the **Have Disk** button. A dialog box named Install From Disk prompts you to insert the installation disk.
- b) Insert the RIP CD ROM disk into the CD ROM drive and click **OK**.
- c) If you don't know the name of the CD ROM drive, click the **Browse** button to open the Browse dialog box and visually locate the CD ROM drive.
- d) Continue to browse to the PPD & Drivers folder, then the WinXP folder. Select ECRMXP.inf, then OK.
- e) In the **Printers** list box highlight the name of the imagesetter you want.
- f) Click **Next**.

Step 12 In the Name Your Printer dialog, enter the logical name you want to use with the selected imagesetter. Also specify if this is to be your default printer.



Step 13 Click **Next**.

Step 14 The next dialog asks if you would you like to print a test page?

Step 15 Click the **No** button. You should not print a test page because you may not be configured yet to a published page setup.

Step 16 Click **Next**.

Step 17 Click the **Finish** button.

- Step 18** You will receive a warning that the printer drivers have not passed Windows Logo testing to verify compatibility with Windows XP. This message is expected. Click on the **Continue Anyway** button.

At this point you may be prompted to locate the Windows XP Printer Descriptions and drivers.

If the software prompts you to find a file named *****.PPD, click the **Browse** button and use the Browse dialog box to locate the file. This file will be on your ECRM Software CD in the PPD & Drivers/WinXP folder.

- Step 19** Click **OK**.

Additionally you may be prompted for the Pscript.DLL file. Use the Browse button to locate this file. This file will be on your ECRM Software CD in the PPD & Drivers/WinXP/i386 folder.

- Step 20** Click **OK** to copy the files and close the Add Printer Wizard.

QUARKXPRESS AND PAGEMAKER

QuarkXPress and PageMaker require you to add PPDs to their file structure as well, so that these applications can use all of the PPDs' features.

QuarkXPress (3.3.x)

Copy the appropriate PPD corresponding to your imagesetter from the PC Printer Descriptions Windows XP media to your Windows system directory, e.g.

C:\windows\system\...

Note: When using QuarkXPress, make sure the **specific printer** and the **Use for PDF** fields contain the same output device.

Note: QuarkXPress for Windows XP is not fully compatible with the RIP and the Windows XP Intel operating system. Jobs sent from a Windows XP workstation will display the published page setup name in the Output Controller of the RIP and not the document name. The PPD still functions the same and the media output is not affected.

QuarkXPress (4.0)

QuarkXPress 4.0 has added the PPD Manager Utility. This utility allows the user to select what PPDs will be available to the application. The PPD system folder for currently installed PPDs should be:

c:\<Windows XP root directory>\system\

Note: QuarkXPress for Windows XP is not fully compatible with the RIP and the Windows XP Intel operating system. Jobs sent from a Windows XP workstation will display the published page setup name in the Output Controller of the RIP and not the document name. The PPD still functions the same and the media output is not affected.

PageMaker (6.5)

Copy the appropriate PPD corresponding to your imagesetter from the PC Printer Descriptions Windows XP media to the following directory, e.g.

\PM65\Rsrc\Usenglish\Ppd4

Note: When using PageMaker, make sure the **print to** and the **type** fields contain the same output device.

Note: If your completed printer does not yield custom page sizes using the documented method, download the Adobe Postscript Driver (1.02 (or later) Universal Installer) from the Adobe website. Install the downloaded program (*.exe) on the DTP workstation computer. When building a printer, launch the Adobe Postscript Driver.exe program and follow the instructions for installing PPDs detailed in the various OS sections of this document.