Color Controller E-820

PRINTING GUIDE

For use with the following color copiers:
Ricoh Aficio Color 6513
Gestetner CS213d
RexRotary CS813d
nashuatec CS513d
infotec 7513
Savin SDC413
Lanier 5813

About the Documentation

This manual is part of a set of Color Controller E-820™ documentation that includes the following manuals for users and system administrators:

- The *Quick Start Guide* summarizes the steps for configuring the E-820 and printing. It also describes how to access the online documentation.
- The *User Software Installation Guide* describes how to install software from the User Software CD to enable users to print to the E-820, and also describes setting up printing connections to the E-820.
- The *Configuration Guide* explains basic configuration and administration of the E-820 for the supported platforms and network environments. It also includes guidelines for setting up UNIX, Windows NT 4.0/2000, and Novell NetWare servers to provide printing services to users.
- The *Printing Guide* describes the printing features of the E-820 for users who send jobs from their computers.
- The *Color Guide* provides information on managing the color output of the E-820. It explains how to calibrate your copier and take advantage of the EFI Fiery ColorWise® color management system, as well as features in ColorWise Pro Tools™.
- The *Fiery Color Reference* addresses concepts and issues associated with managing color output of the E-820 and outlines key workflow scenarios. In addition, it offers information on printing color documents from popular Microsoft Windows and Apple Mac OS applications.
- The *Job Management Guide* explains the functions of the job management utilities, including EFI Command WorkStation™ and EFI Fiery DocBuilder Pro™, and how you can use them to monitor and control jobs on the E-820. This manual is intended for an operator or administrator, or a user with the necessary access privileges, who monitors and manages job flow, performs color calibration, and troubleshoots problems that may arise.
- *Release Notes* provide last-minute product information and workarounds for some of the problems you may encounter.

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Introduction

The Color Controller E-820™ is used to print final documents or proof jobs that will be printed later on an offset press. You can send a print job to the Color Controller E-820 as you would to any other printer—select it from the Printers dialog box on Microsoft Windows computers, or in the Chooser on Apple Mac OS computers, and then print from within any application.

NOTE: The term "E-820" is used in this manual to refer to the Color Controller E-820 installed in the copier. The name "Aero" is used in illustrations to represent the E-820. Windows 9x is used in this manual to refer to Windows 95/98. The term "Windows" is used in this manual to refer to Windows 9x/Me, Windows NT 4.0, and Windows 2000/XP.

Although it may not be the case at all sites, it is assumed that an operator controls and manages jobs sent by users from remote workstations. For information on the features of EFI Command WorkStation, EFI Fiery WebSpooler™, and EFI Fiery Spooler™, see the *Job Management Guide*.

About this manual

This manual is intended for remote users who send jobs via the network and the E-820. It covers the following topics:

- Printing from a Windows computer
- Printing from a Mac OS computer
- Printing from a Unix workstation
- Downloading files and fonts using EFI Fiery Downloader™ and EFI Fiery WebDownloader™
- Printing variable data documents
- Using EFI Fiery Scan™ 3.4 and EFI Fiery Remote Scan™ software
- Using the EFI Converter (EFI Fiery Graphic Arts Package option)
- Using Hot Folders (EFI Fiery Graphic Arts Package option)
- Monitoring jobs and accessing information using EFI Fiery WebTools™ and EFI Fiery Link™

- Printing using the Fiery E-mail Service
- Specifying and overriding job settings, generating a list of fonts installed on the E-820, and troubleshooting information

Chapter 1: Printing from Windows Computers

This chapter describes printing to the E-820 from Windows computers. You can print from a networked Windows computer or a computer using Windows (WINS) printing. You can also save files to print at a remote location.

You can print from a Windows computer in many ways. You can download PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), or Portable Document Format (PDF) files using Fiery Downloader, or print documents using Fiery E-mail Services and Hot Folders. For supported file versions, see the *User Software Installation Guide*.

NOTE: For basic instructions and details on using Fiery Downloader, see Chapter 4. For basic instructions on using the Fiery E-mail Service, see Chapter 10, and for details on using Hot Folders, see Chapter 8.

NOTE: For information on setting up the Windows environment for printing with Windows servers connected to the E-820, see the *Configuration Guide*. For information about connecting to the E-820 over the network, installing printer drivers, and installing Fiery® utilities, see the *User Software Installation Guide*.

Printing from applications

Once the E-820 printer driver is installed and set to the proper port, as described in the *User Software Installation Guide*, you can print directly from most Windows applications. Simply set the print options for the job and choose the Print command from within your application.

To achieve the best printing results from specific applications, see the *Color Guide* and the *Fiery Color Reference*.

Setting options and printing from Windows computers

To print from Windows computers, select and install the corresponding Adobe PostScript printer driver. The drivers are included on the E-820 User Software CD.

Once the Adobe PostScript printer driver and printer description file (PPD) are installed, you can specify print settings for a particular job and print it to the E-820. You can also set default print settings using the driver.

To print from Windows applications by connecting your computer to a print server via the network, a Novell NetWare, Windows NT, or UNIX server is required. For more information, see the *Configuration Guide*.

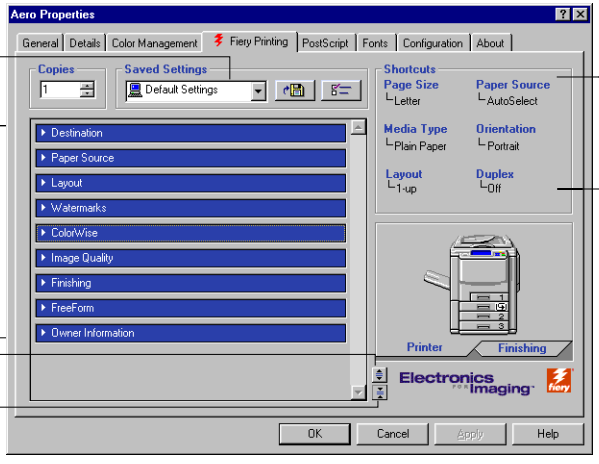
To print from Windows applications without connecting to a print server, you can use Server Message Block (SMB) printing. For more information, see the *User Software Installation Guide*.

The following procedures explain how to use the driver to specify print options. For information about specific print options, see Appendix A.

NOTE: The following procedures use Windows 98 illustrations.

TO SET PRINT OPTIONS FOR A SPECIFIC WINDOWS PRINT JOB USING THE ADOBE POSTSCRIPT PRINTER DRIVER

1. **Choose Print in your application.**
2. **Select the E-820 as your printer and click Properties.**
3. **Click the Fiery Printing tab.**



Saved settings, see page 1-6

Print option bars, see below

Click to display all print options

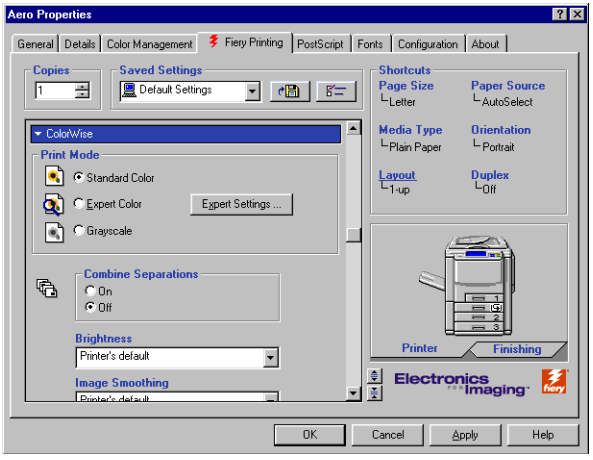
Click to hide all print options

Shortcuts, see page 1-10

The Fiery Printing tab serves as the control center for all frequently used printing functions.

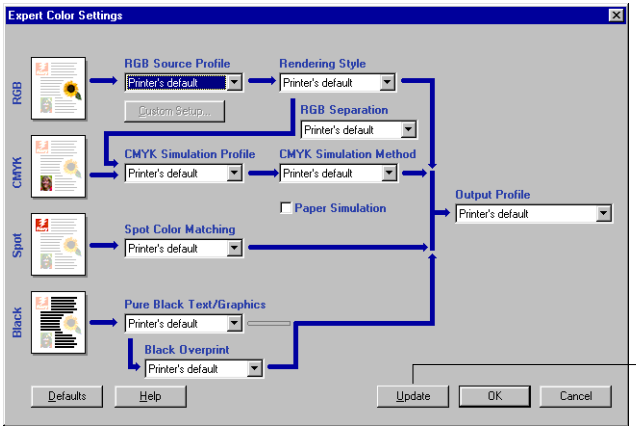
NOTE: Supported tabs and print options may vary between Windows 9x/Me, Windows NT 4.0, and Windows 2000/XP. For a complete list of print options, see Appendix A.

4. **Click the ColorWise print option bar.**



In the Print Mode area, specify the color mode for the job. To use advanced color management features, such as Rendering Style, click Expert Settings and proceed to step 5; otherwise, skip to step 6.

5. **In the Expert Color Settings dialog box, click Update to display the current E-820 settings.**

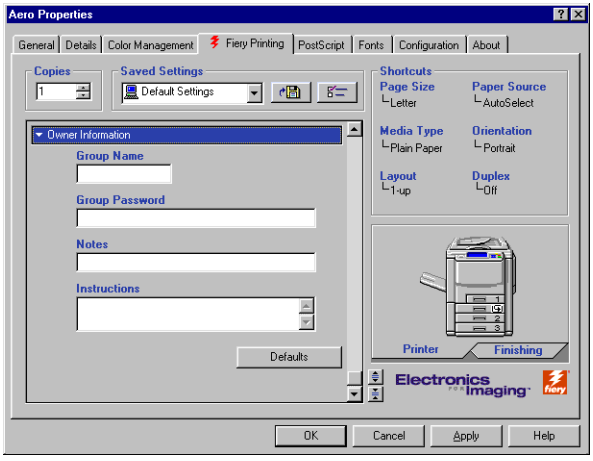


Click Update

If the Update button does not appear, make sure Two-Way Communication is set up, as described in the *User Software Installation Guide*.

NOTE: Specify the color settings for the print job and click OK.

6. **Click the Owner Information print option bar.**



7. **Enter the Group Name, Group Password, and text in the Notes area.**

Enter user and job identification information for managing purposes, or whatever information is required at your site.

Enter the User ID in the Group Name field. The Group Name also appears in Command WorkStation, WebSpooler, and Fiery Spooler Job Log.

The Administrator or Operator can edit the Group Name and Group Password from Command WorkStation, WebSpooler, or Fiery Spooler Properties window.

The information you enter in the Notes field can be viewed by the operator in Command WorkStation and also appears in the Job Log. It *cannot* be edited or deleted by the operator.

NOTE: Group Name and Group Password options are not available when printing to the Direct connection.

For more information on Command WorkStation overrides, see the *Job Management Guide*.

8. **In the Instructions area, enter instructions to the operator about the job and click OK.**

   These instructions can be displayed in Command WorkStation, but do not appear in the Job Log. These instructions *can* be edited by the operator.

9. **Click the remaining print option bars to specify the appropriate settings for the print job and click OK.**

   These print options are specific to the E-820 and the copier. They override settings specified in E-820 Printer Setup, but can be overridden from the job management tools.

   NOTE: The term "job management tools" is used in this manual to refer to Command WorkStation, Fiery Spooler, and WebSpooler.

   For information about these options and overrides, see Appendix A.

   For information on configuring installable options, see the *User Software Installation Guide*.

   For more information about job management tools, see the *Job Management Guide*.

   If you choose Printer's default, the job prints according to the settings specified in Setup. For more information, see Appendix A.

   NOTE: If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the E-820 displays an error message and the job will not print. You should then load the correct paper in the selected tray or cancel the job.

   NOTE: If you specify incompatible print settings, the Conflict dialog box provides instructions to resolve the conflict.

10. **From your application, click OK.**

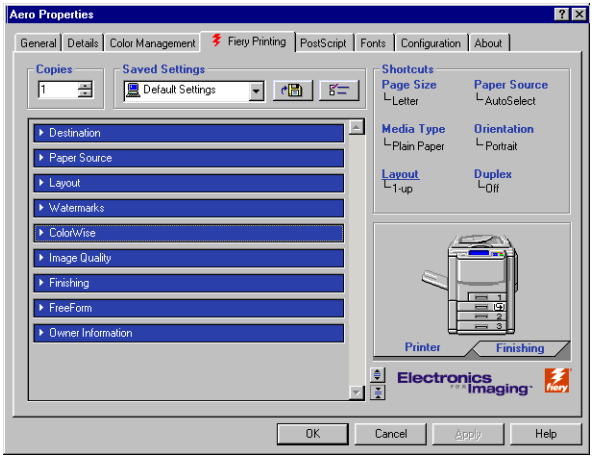
    Select the E-820 as your current copier.

11. **Click OK.**

    NOTE: Some options listed in the printer driver could also be set from an application (for example, collation or Reverse Order). In these cases, use the driver option to perform the function, rather than setting it from the application. The application might not set up the file properly for printing on the E-820, which might cause an unexpected printing error, and might also take longer to process.

TO SET DEFAULT PRINT OPTIONS FOR ALL WINDOWS PRINT JOBS USING THE ADOBE POSTSCRIPT PRINTER DRIVER

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the E-820 icon and choose Properties (Windows 9x/Me), Document Defaults (Windows NT 4.0), or Printing Preferences (Windows 2000/XP).**



3. **Specify the default settings for your print job, as described on page 1-2.**

Using saved settings

You can save print option settings to your hard disk so you can easily load specifically configured settings for a particular job. You can also share settings files over a network, using the Import and Export features.

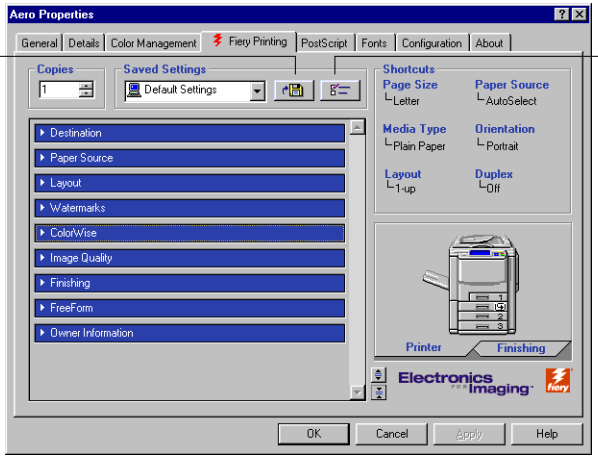
TO CREATE SAVED SETTINGS

1. **Make sure that Default Settings appears in the Saved Settings menu and configure options from the print option bars.**

   As soon as you change any settings, the Saved Settings menu displays Untitled instead of Default Settings.

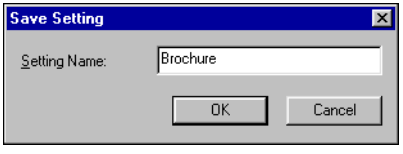
Disk button

Settings button



2. **Click the Disk button.**

3. **Enter a Setting Name and click OK.**



The name appears in the Saved Settings menu.

TO LOAD SAVED SETTINGS

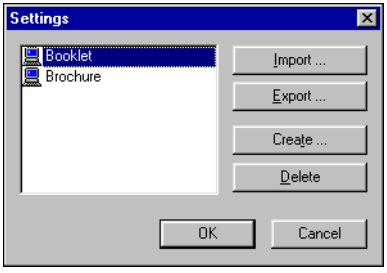
1. **From the Fiery Printing tab, click the Saved Settings menu.**

2. **Choose the settings you want to use.**

The options are automatically configured with the saved settings.

TO DELETE SAVED SETTINGS

1. From the Fiery Printing tab, click the Settings button.
2. Choose the settings you want to delete and click Delete.



3. Click Yes to confirm the deletion and click OK.

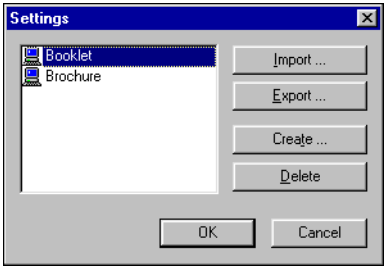
TO MODIFY SAVED SETTINGS

1. From the Fiery Printing tab, click the Saved Settings menu.
2. Choose the settings you want to modify.

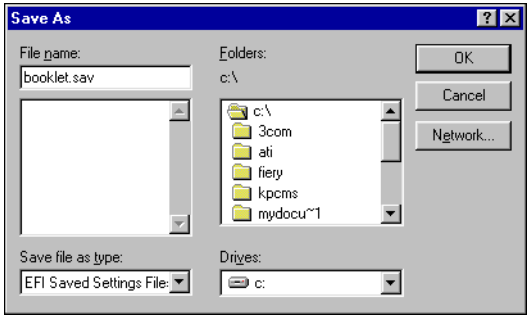
   The options are automatically configured with the currently saved settings.
3. Configure your new settings from the print option bars and click the Disk button.
4. Click OK to save the modified settings.

TO EXPORT SAVED SETTINGS

1. From the Fiery Printing tab, click the Settings button.
2. Choose the Saved Settings you want to export and click Export.



3. **Browse to the location in which to save the file, enter a file name, and then click OK.**

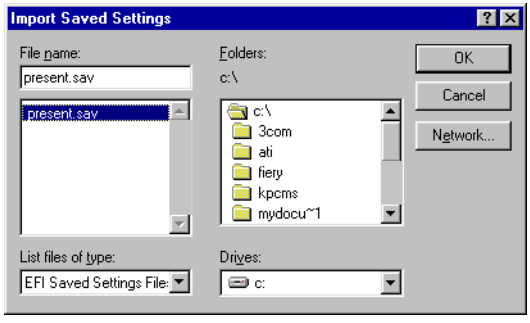


NOTE: The file name must include the .sav extension and can be up to eight characters (not including the extension). The file name does not have to match the Settings Name.

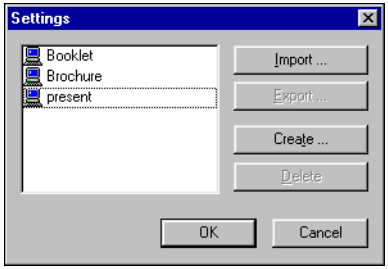
4. **Click OK.**

TO IMPORT SAVED SETTINGS

1. **From the Fiery Printing tab, click the Settings button.**
2. **Click Import.**
3. **Browse to the location of the saved settings file you want to import.**
4. **Select the file you want to import and click OK.**



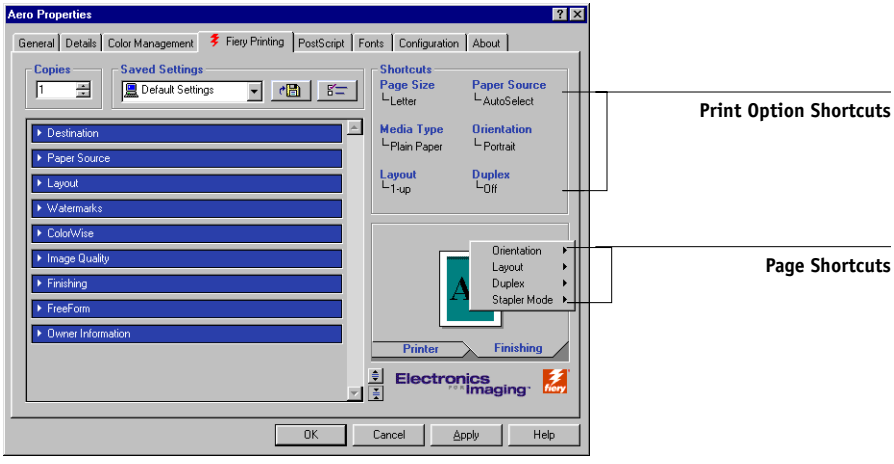
5. **Click OK in the Settings dialog box.**



NOTE: When you import saved settings, they appear in the Saved Settings menu under their Setting Name, not the file name. In the preceding examples, the file present.sav (file name) was imported, but it appears in the Saved Settings menu as Presentation (Setting Name).

Using Shortcuts

The Shortcuts area of the driver interface displays the current settings for some of the most commonly used print options. You can access and change these settings quickly and easily using the Shortcuts. You can also access some page layout and finishing options by right-clicking the image of the page directly below Shortcuts.



To set print options using Shortcuts

1. **From the Fiery Printing tab, position your cursor over the print option you want to set.**

   The cursor will change into a hand.

2. **Click the selected print option and specify the appropriate settings.**

   Alternatively, you can right-click the print option and specify the settings directly.

3. **Click Apply to make the new settings the default.**

4. **Click OK.**

To set print options using the page shortcuts

1. **From the Fiery Printing tab, click the Finishing tab, position your cursor over the page image, and then right-click.**

2. **Specify the appropriate settings for the print options.**

3. **Click Apply to assign the new settings as the default.**

4. **Click OK.**

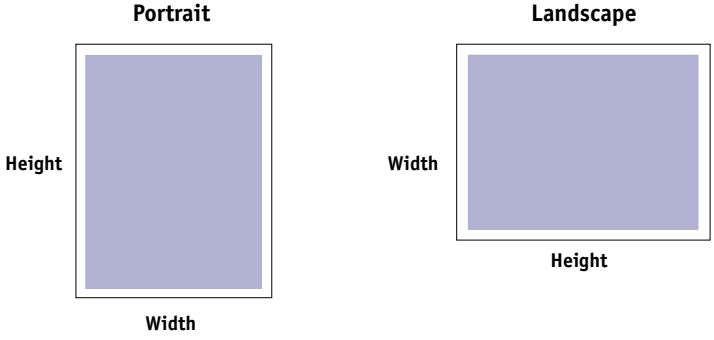
Defining and printing custom page sizes

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print.

Note: Custom page sizes for Windows NT and Windows 2000/XP cannot be set using the Fiery Printing tab. For more information, see "Working with custom page sizes in Windows NT 4.0" on page 1-15 and "Working with custom page sizes in Windows 2000/XP" on page 1-18.

Working with custom page sizes in Windows 9x/Me

When you create custom page sizes, specify Width dimensions to correspond with the shorter side of your job and specify Height dimensions to correspond with the longer side of your print job. Set custom page sizes this way, regardless of the orientation settings in the application.

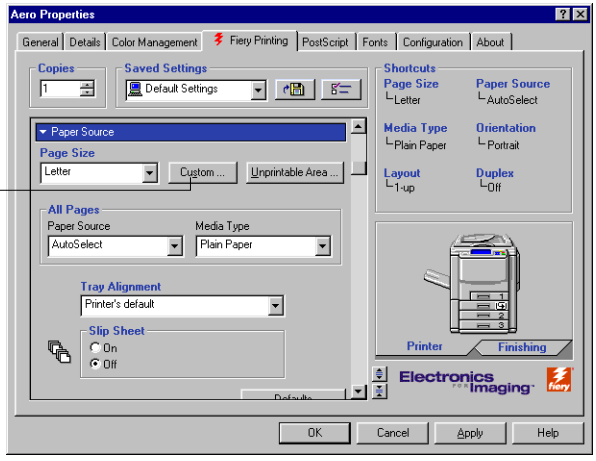


NOTE: Custom page sizes are not supported with Imposition jobs.

TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS 9X/ME PRINTER DRIVER

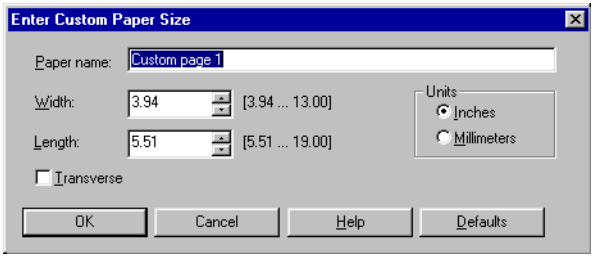
1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the E-820 icon and choose Properties.**
3. **Click the Fiery Printing tab and click the Paper Source print option bar.**

4. **Click Custom.**



Click Custom

The Enter Custom Paper Size dialog box appears.



5. **Specify options to define the custom page size.**

Width—Enter the width of the print job.

Length—Enter the length of the print job.

Units—Select a unit of measurement for the print job.

Transverse—Select this option to swap Width and Length dimensions to correspond to the paper feed direction of the print job.

Paper name—Enter a name for your custom page size. The new custom paper name appears in the Document Size menu.

6. Click OK.
7. To define the unprintable area of the custom page, click Unprintable Area, enter the desired information, and then click OK.
8. Click OK again.

To edit a custom page size with the Windows 9x/Me printer driver

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the E-820 icon and choose Properties.
3. Click the Fiery Printing tab and then click the Paper Source print option bar.
4. Choose the name of the custom page you want to edit from the Document Size menu.
5. Click Custom.

   The Enter Custom Paper Size dialog box appears.
6. Edit the settings, as described on page 1-13, and click OK.

To print a custom page size with the Windows 9x/Me printer driver

1. Choose Print from your application.
2. Select the E-820 icon as the printer and click Properties.
3. Click the Fiery Printing tab, and then click the Paper Source print option bar.
4. Select Manual Feed from the Paper Source menu.
5. Select the custom page size from the Page Size menu.
6. Click the Layout print option bar and specify Landscape for Orientation.
7. Click OK and then click OK again to print the job.

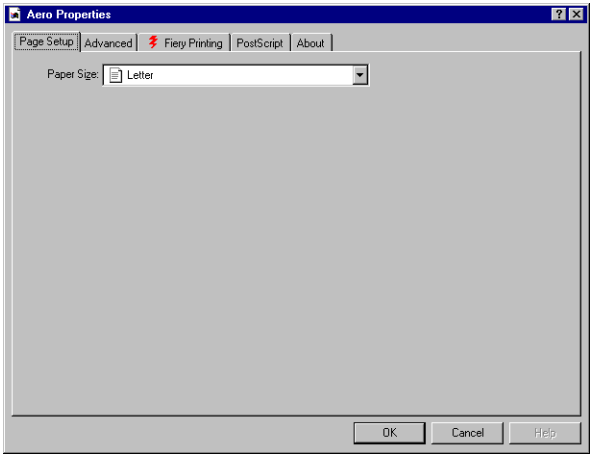
Working with custom page sizes in Windows NT 4.0

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from within an application without redefining it each time you print.

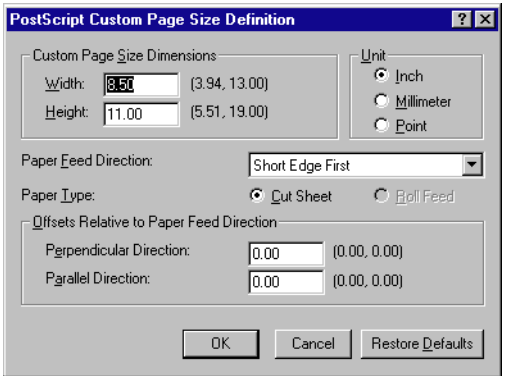
NOTE: The copier must be set to print custom page sizes.

TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0 PRINTER DRIVER

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the E-820 icon and choose Document Defaults.**
3. **Click the Page Setup tab.**
4. **Choose PostScript Custom Page Size from the Paper Size menu.**



The PostScript Custom Page Size Definition dialog box appears.



5. **Specify options to define the custom page size.**

   Custom Page Size Dimensions—Enter the width and height of the print job.

   Unit—Select a unit of measurement for the print job.

   Paper Feed Direction—Choose the paper feed direction of the print job.

   Paper Type—Select the type of paper for the print job.

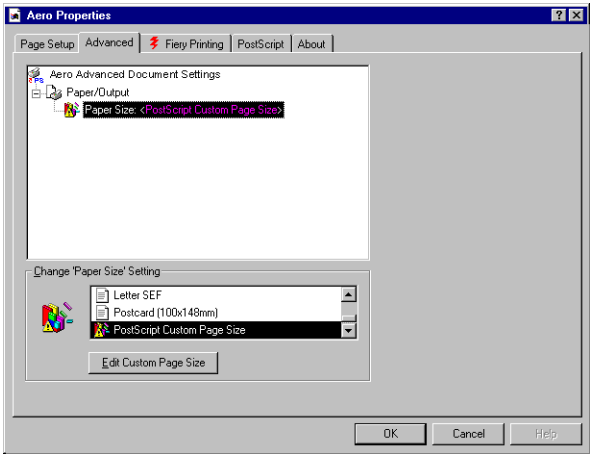
   Offsets Relative to Paper Feed Direction—Enter the offsets (margins) of the print job relative to the paper feed direction.

6. **Click OK.**

TO EDIT A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0 PRINTER DRIVER

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the E-820 icon and choose Document Defaults.**

3. **Click the Advanced tab and select Paper Size from the Paper/Output settings.**



4. **Choose PostScript Custom Page Size.**

   The PostScript Custom Page Size Definition dialog box appears. If it does not appear, click Edit Custom Page Size.

5. **Edit the settings, as described on page 1-16, and click OK.**

TO PRINT A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0 PRINTER DRIVER

1. **Choose Print from your application.**
2. **Select the E-820 as the printer and click Properties.**
3. **Choose PostScript Custom Page from the Document Size menu.**
4. **Click the Fiery Printing tab again, and specify Landscape for Orientation in the Layout print option bar.**
5. **Click OK and then click OK again to print the job.**

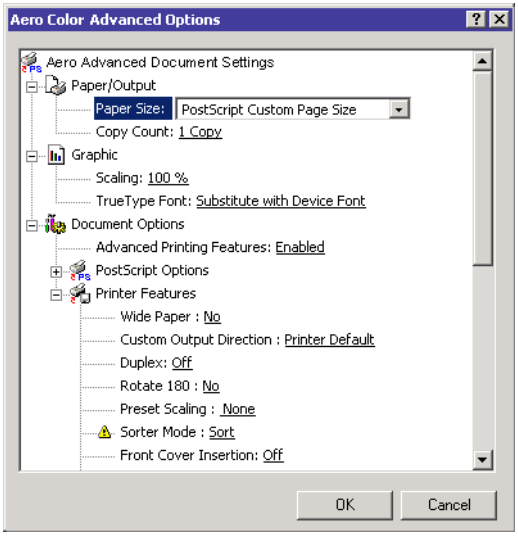
Working with custom page sizes in Windows 2000/XP

With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from an application without redefining it each time you print.

NOTE: Windows 2000 and Windows XP have a similar interface when setting options and printing. The following procedures use Windows 2000 illustrations with Windows XP differences noted.

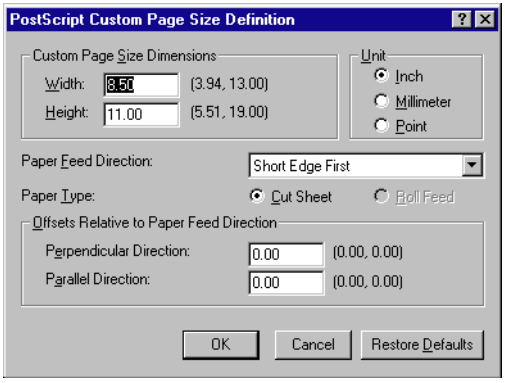
TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS 2000/XP PRINTER DRIVER

1. **Click Start, choose Settings, and then choose Printers.**
2. **Right-click the E-820 icon and choose Printing Preferences.**
3. **Click the Paper/Quality tab.**
4. **Click Advanced.**



5. **Choose PostScript Custom Page Size from the Paper Size menu.**

   The PostScript Custom Page Size Definition dialog box appears.



6. **Specify options to define the custom page size.**

   Custom Page Size Dimensions—Enter the width and height of the print job.

   Unit—Select a unit of measurement for the print job.

   Paper Feed Direction—Choose the paper feed direction of the print job.

   Paper Type—Select the type of paper for the print job.

   Offsets Relative to Paper Feed Direction—Enter the offsets (margins) of the print job relative to the paper feed direction.

7. **Click OK to close the PostScript Custom Page Size Definition dialog box.**

8. **Click OK to close the Advanced Options dialog box.**

9. **Click OK to close the Printing Preferences dialog box.**

   You can now specify the custom page size from an application.

To edit a custom page size with the Windows 2000/XP printer driver

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the E-820 icon and choose Printing Preferences.
3. Click the Paper/Quality tab.
4. Click Advanced.
5. Choose PostScript Custom Page Size from the Paper Size menu.

   The PostScript Custom Page Size Definition dialog box appears. If it does not appear, click Edit Custom Page Size.
6. Edit the settings, as described on page 1-19, and click OK.

To print a custom page size with the Windows 2000/XP printer driver

1. Choose Print from your application and select Properties.
2. Click the Paper/Quality tab.
3. Click Advanced.
4. Choose PostScript Custom Page Size from the Paper Size menu.
5. Verify the custom page size settings and click OK.
6. Select Manual Feed from the Paper Source menu.
7. Click OK to close the Advanced Options dialog box.
8. Click the Layout tab, and specify Landscape for Orientation, and then click Apply.
9. Click OK to close the Printing Preferences dialog box.
10. Click Print.

Saving files to print at a remote location

If you do not have an E-820 onsite, and are preparing files to take to a service bureau or other location, print the final files to the File port (as opposed to one of the local ports). You can also print to the File port to create a file to download using Fiery Downloader. For instructions on printing to the File port, see your Windows documentation.

Chapter 2: Printing from Mac OS Computers

You can print to the E-820 just as you would print to any other printer from any application. Select the E-820 as the current printer in the Chooser, and then print the file from within the application.

Another way to print from a Mac OS computer is to download PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), or Portable Document Format (PDF) files using Fiery Downloader. For supported file versions, see the *User Software Installation Guide*. For details on using Fiery Downloader, see Chapter 4.

Printing from applications

Before you can print to the E-820 from applications, you must select the E-820 in the Chooser. Then, using the Adobe PostScript printer driver and the correct printer description file, you can control many E-820 printing features by specifying job settings from print dialog boxes.

To achieve the best printing results from specific applications, see the *Color Guide* and the *Fiery Color Reference*.

Selecting the E-820 in the Chooser

Before you print a job, make sure the E-820 is the currently selected printer.

NOTE: For information about setting up the E-820 in the Chooser, see the *User Software Installation Guide*.

TO SELECT THE E-820 AS THE CURRENT PRINTER

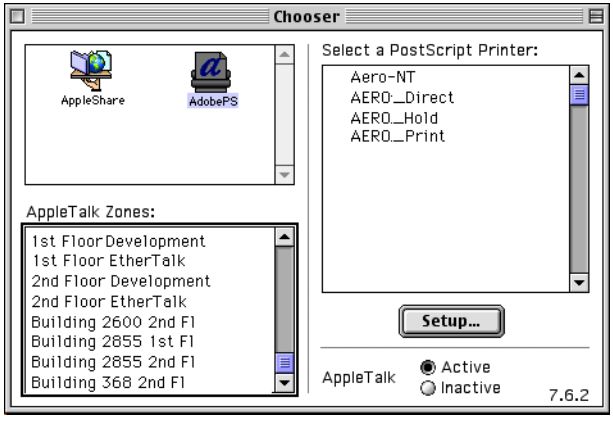
1. **Make sure the E-820 is connected to the network and turned on.**
2. **Choose Chooser from the Apple menu.**
3. **Click the AdobePS icon to select it.**

   NOTE: Make sure AppleTalk is set to Active.

4. **If your network is divided into zones, select the zone in which the E-820 is located.**

5. **Select the E-820 by <Server Name>_<Queue Name>_ from the "Select a PostScript Printer" list.**

   The names of all supported printers in the zone appear in the list on the right.



NOTE: If your system administrator has not enabled the connection to the Print queue or the Direct connection, the corresponding names will *not* appear in this list. For example, if your site has an operator who controls the flow of print jobs from Command WorkStation, you may be able to print only to the Hold queue. For more information on enabling print connections, see the *Configuration Guide*.

6. **Close the Chooser window.**

   The E-820 remains selected as the current printer until you select a new printer in the Chooser.

Setting options and printing from Mac OS computers

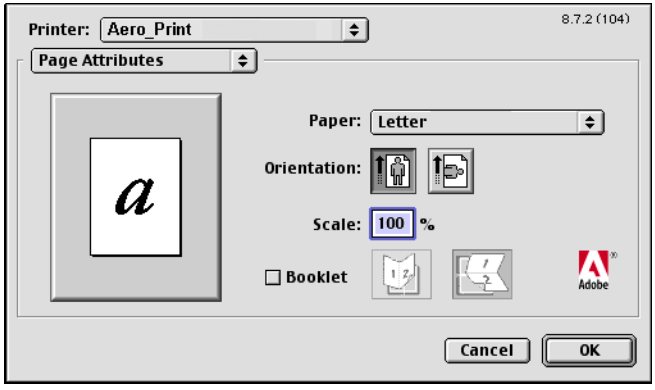
In Mac OS applications, print options are set from both the Page Setup dialog box and the Print dialog box. For details on specific print options, see Appendix A.

NOTE: Some default print options are set by the administrator during Setup. Contact the administrator or the operator for information on the current server default settings.

TO SET PRINT OPTIONS AND PRINT WITH THE ADOBEPS PRINTER DRIVER

1. **Open a file and choose Page Setup from the application's File menu.**
2. **In the dialog box that appears, choose Page Attributes.**

   Select the E-820 as your printer.

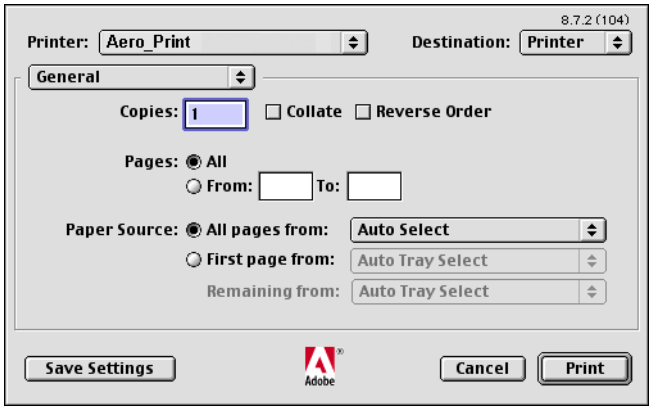


   NOTE: Page Setup dialog boxes vary across applications.

3. **Select the Page settings for your print job.**
4. **Click OK.**

5. **Choose Print from the application's File menu.**

6. **Select the E-820 as your printer and specify settings for the print options displayed.**



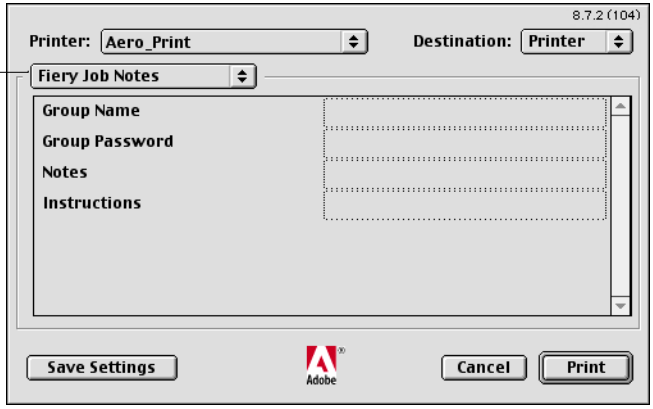
NOTE: Print dialog boxes vary across applications.

From the Paper Source menu, choose the paper tray for the job. For example, you can specify that the job be printed on paper in Tray 1.

The Paper Source selection is valid for the current job only.

NOTE: If paper loaded in the selected tray is a different size, orientation, or media type than that of the job you are sending, the E-820 displays an error message and the job will not print. Load the correct paper into the selected tray or cancel the job.

7. **Choose Fiery Job Notes.**



Choose Fiery Job Notes from the pop-up menu

Enter user and job identification information for managing purposes, or whatever information is required at your site.

Enter the User ID in the Group Name field. The Group Name also appears in Command WorkStation, WebSpooler, and Fiery Spooler Job Log.

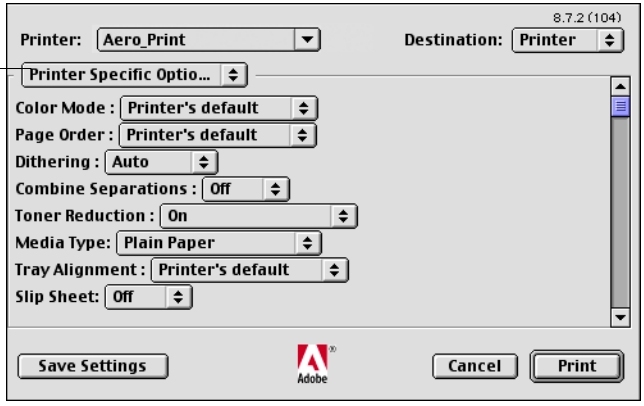
The Administrator or Operator can edit the Group Name and Group Password from the Command WorkStation, WebSpooler, or Fiery Spooler Properties window.

The information you enter in the Notes field can be viewed by the operator in Command WorkStation and also appears in the Job Log. It *cannot* be edited or deleted by the operator.

NOTE: Group Name and Group Password options are not available when printing to the Direct connection.

For more information on Command WorkStation overrides, see the *Job Management Guide*.

8. **Choose Printer Specific Options and specify the appropriate settings for your print job.**



Choose Printer Specific Options from the pop-up menu

These print options are specific to the E-820 and the copier; you may have to scroll to see all the options. They override settings in E-820 Printer Setup, but can be changed from Command WorkStation, Fiery WebSpooler, or Fiery Spooler.

If you choose Printer's default, the job prints according to the settings specified in Setup.

For more information about these options and overrides, see Appendix A.

Some print options including Soft Collate, Soft Reverse Order, and Manual Duplex that are selectable from an application or Adobe PS printing features are similar to the print options available from the Printer Specific Options menu. In these cases, specify the print option from the Printer Specific Options menu. The application or Adobe PS printer driver may not set up the file properly for printing on the E-820, which may cause an unexpected printing error and may also take longer to process.

You can also set some print options from an application (for example, Reverse Order printing or Collation). In these cases, use the print option to perform the function, rather than setting it from the application. The application might not set up the file properly for printing on the E-820 and might take longer to process.

NOTE: If you specify incompatible print settings, a dialog box might appear. Follow the on-screen instructions to resolve the conflict.

9. **To make the new settings the default settings, click Save Settings.**

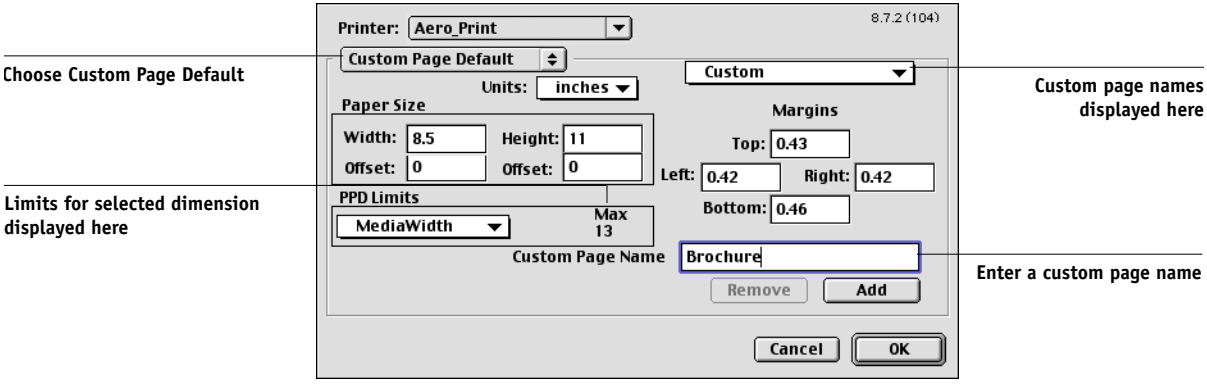
10. **Click Print.**

Defining custom page sizes

With custom page sizes, you can define page dimensions and margins. After you define a custom page size, you can use it from within an application, without redefining it each time you print.

TO DEFINE A CUSTOM PAGE SIZE

1. **Choose Page Setup from the application's File menu.**
2. **For Paper, choose Custom.**
3. **Choose Custom Page Default.**
4. **Enter the page dimensions and margins.**



5. **To view the minimum and maximum sizes, click the PPD Limits menu.**

   If you enter invalid sizes, an error message appears. Click Cancel and enter sizes specified within the PPD Limits.

6. **To save this custom page size, enter a name and click Add.**

   Saved custom page sizes appear in the menu of page sizes in the upper-right corner of the dialog box. To remove a saved custom page size, choose it from the menu and click Remove.

7. **Click OK.**

TO EDIT A SAVED CUSTOM PAGE SIZE

1. **Choose Page Setup from the application's File menu.**
2. **Choose Custom Page Default.**
3. **Select the Custom Page Size name.**
4. **Edit the page dimensions and margins.**
5. **Click Add.**
6. **Replace the existing Custom Page name and click OK.**

TO PRINT A CUSTOM PAGE SIZE

1. **Choose Page Setup from the application's File menu.**
2. **Choose Custom or the Custom Page Size name from the Paper menu.**
3. **Click OK.**
4. **Choose Print from your application's File menu.**

   Specify your printing options.
5. **Click Print.**

Chapter 3: Printing from UNIX Workstations

You can print to the E-820 directly from UNIX workstations. Jobs printed to the E-820 are sent to the Print or Hold queue and can be manipulated from Command WorkStation or from Windows and Mac OS computers on the network using Fiery WebSpooler or Fiery Spooler.

NOTE: If you print to the Hold queue, an operator must intervene from Command WorkStation, Fiery Spooler, or Fiery WebSpooler for the job to print; jobs sent to the Hold queue are spooled to disk and held.

For more information on using Command WorkStation, Fiery Spooler, or Fiery WebSpooler, see the *Job Management Guide*.

The queue name and E-820 printer name are determined by your system administrator. Contact your system administrator for the names of your queues.

For information about setting up printing from TCP/IP, see your UNIX system documentation.

Printing to the E-820

You can use UNIX commands to print PostScript and text files to the E-820. In general, use basic print commands (lpr, lpq, lprm) to send print jobs to the E-820. For information about UNIX commands, see the UNIX manual pages or other documentation.

NOTE: Only PostScript and ASCII text files can be printed from UNIX.

TO PRINT FROM UNIX

- **On a system running SunOS 4.1.x or another BSD-based variant, use the lpr command to send a job to the E-820, as follows:**

  lpr <-P*printer*> <-#*copies*> <*filename*>

For example, if the Print queue of your E-820 is named print_Server, your file is named Sample, and you want to print two copies, type:

```
lpr -Pprint_Server -#2 Sample
```

- **On a system running Solaris 2.x or any System V implementation of UNIX, use the lp command to send a job to the E-820, as follows:**

  lp -d <*printername*> -n <*copies*> <*filename*>

  For example, if the Print queue of your E-820 is named print_Server, your file is named Sample, and you want to print two copies, type:

  ```
  lp -d print_Server -n 2 Sample
  ```

TO DISPLAY A LIST OF JOBS IN THE QUEUE

- **On a system running SunOS 4.1.x or another BSD-based variant, use the lpq command to see printer jobs in the queue, as follows:**

  lpq <-P*printer*>

  For example, if the Print queue of your E-820 is named print_Server, type:

  ```
  lpq -Pprint_Server
  ```

  Your workstation displays the contents of the queue.

- **On a system running Solaris 2.x or any System V implementation of UNIX, use the lpstat command to see printer jobs in the queue, as follows:**

  lpstat -o <*printername*>

  For example, if the Print queue of your E-820 is named print_Server, type:

  ```
  lpstat -o print_Server
  ```

  Your workstation displays the contents of the queue.

TO REMOVE JOBS FROM THE QUEUE

NOTE: Unless you log in as the root user, you can remove only your own jobs.

- **On a system running SunOS 4.1.x or another BSD-based variant, use the lprm command to remove jobs from the queue, as follows:**

  lprm <-P*printer*> <*job #...*>

  You can use the lpq command to check the job number.

  For example, to remove job number 123 from the Print queue of your E-820 named print_Server, type:

  lprm -Pprint_Server 123

  The lprm command reports the names of any files it removes.

- **On a system running Solaris 2.x or any System V implementation of UNIX, use the cancel command to remove jobs from the queue.**

  cancel <*printername*> <*job ID*>

  For example, to remove job number 123 from the Print queue of your E-820 named print_Server, type:

  cancel print_Server 123

Chapter 4: Downloading Files and Fonts

Fiery Downloader and Fiery WebDownloader allow you to send PostScript (PS), Encapsulated PostScript (EPS), Tagged Image File Format (TIFF), and Portable Document Format (PDF) files directly to the E-820 without using the application in which they were created. It also allows you to manage printer fonts on the E-820.

You can use Fiery Downloader or Fiery WebDownloader from a remote workstation. Fiery Downloader and Fiery WebDownloader require a network connection. For information on installing and configuring Fiery Downloader and Fiery WebDownloader on supported networking protocols, see the *User Software Installation Guide*.

NOTE: The Windows and Mac OS version of Fiery Downloader and Fiery WebDownloader are fundamentally the same; differences are noted in this section. Where both windows or dialog boxes are illustrated, the Windows version comes first, followed by the Mac OS version.

You can also download files and fonts by using the Import feature in Command WorkStation. For more information, see the *Job Management Guide*.

Using Fiery Downloader and/or Fiery WebDownloader

You can use Fiery Downloader to do the following:

- Check the status of the E-820.

NOTE: This function is not available using Fiery WebDownloader, but it is available through the EFI Fiery WebStatus.

- Print PostScript, EPS, TIFF, and PDF files to the E-820. For supported file versions, see the *User Software Installation Guide*.
- Manage the printer fonts stored on the E-820 hard disk (this feature requires that the Direct connection be published on the E-820).

NOTE: Fiery Downloader does not work with Direct connection.

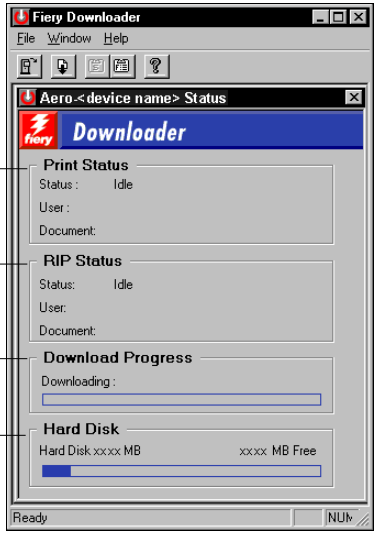
NOTE: Fiery Downloader and Fiery WebDownloader are designed specifically for the E-820; you cannot use them with any other printer.

TO VIEW INFORMATION WITH FIERY DOWNLOADER

1. **Double-click the Fiery Downloader icon or choose Fiery Downloader from the Start > Programs menu.**

2. **Select the E-820 in the Chooser window and click OK (Windows) or Connect (Mac OS).**

   The Fiery Downloader Status window appears, displaying the Fiery Downloader toolbar, menus, and status bar.

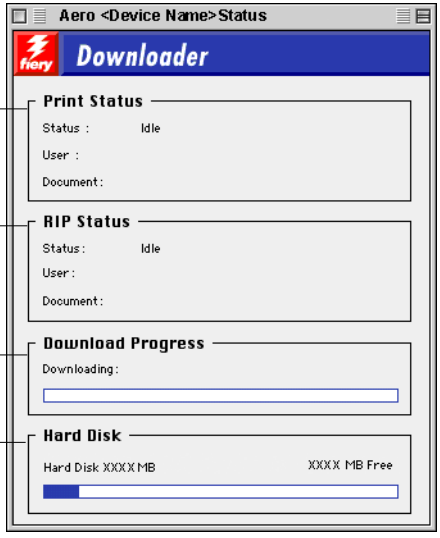


Displays server status and user and document name of the job currently printing

Displays server status and user and document name of the job currently processing

Dynamically displays the progress of the job

Displays the amount of available disk space



Displays server status and user and document name of the job currently printing

Displays server status and user and document name of the job currently processing

Dynamically displays the progress of the job

Displays the amount of available disk space

Buttons for some menu functions appear in the toolbar at the top of the window.

	Open	Click to connect to a different E-820.
	Download	Click to download a file or font to the E-820.
	Status	If you are viewing the Font List, click to display the status window for the current E-820.
	Font List	If you are viewing the status window, click to display a list of printer fonts on the E-820 hard disk.
	About Fiery Downloader (Windows only)	Click to view version information about Fiery Downloader.

3. **To view font information in the window, click the Font List button or choose Font List from the File menu.**

4. **To select a different E-820, choose Open from the File menu or click the Open button.**
5. **Select the E-820 in the dialog box that appears and click OK (Windows) or Connect (Mac OS).**
6. **To close the status window, choose Close from the File menu. To quit Fiery Downloader, choose Exit (Windows) or Quit (Mac OS) from the File menu.**
7. **Click Download.**

Downloading printer fonts

You can download a variety of file types, as well as fonts, to the E-820. You can specify a limited number of print option settings for the files you download.

TO DOWNLOAD A FILE OR FONT WITH FIERY DOWNLOADER

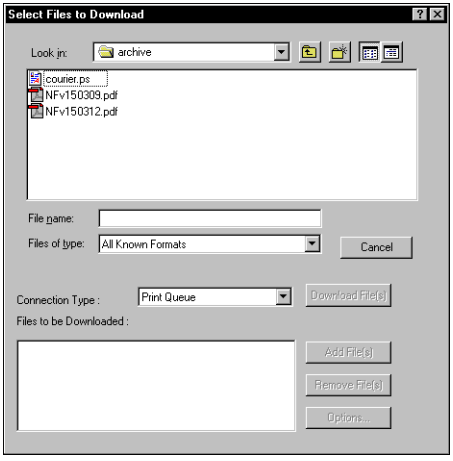
1. **Use your application to generate a file.**

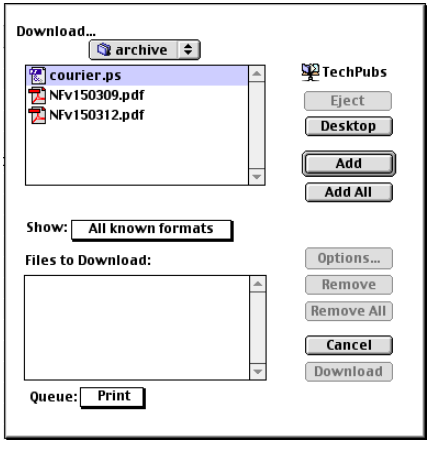
   You can save a PostScript or PDF file by selecting the appropriate option in the application's Print dialog box. With some applications, you can also save EPS and TIFF files.

   If you experience problems printing EPS files with Fiery Downloader, you can print the file directly from the application in which you created it.

2. **Start Fiery Downloader.**

3. Choose Download from the File menu or click the Download button.





4. **Choose the file type to display from the Files of type (Windows) or Show (Mac OS) menu.**

   All Known Formats lists all files in formats supported by Fiery Downloader.

   You can download files and fonts in the same batch. If the fonts are used by files in the same batch, the fonts download first.

5. **Choose the Connection Type (Windows) or Queue (Mac OS) to which you will download the files.**

   The options available to you in this menu depend on the setup at your site. The potential selections are Print Queue (Windows) or Print (Mac OS), Hold Queue (Windows) or Hold (Mac OS), and Direct Connection (Windows) or Direct (Mac OS). If your administrator has not enabled one or more of these connections, you cannot select it.

   You cannot print PDF or TIFF files with the Direct connection. If you choose the Direct connection, the job is spooled to the Print queue and then printed. If the Print queue is not enabled, the job is spooled to the Hold queue and must be released for printing by the operator.

   NOTE: To download fonts, you must use the Direct connection (make sure the Direct connection is published on the E-820). If you do not have access to the Direct connection, you must embed any special fonts used by the file in the file when you generate it.

6. **Select the file name and click Add File(s) (Windows) or Add (Mac OS).**

   The File name field (Windows) displays the name of the selected file before you click Add.

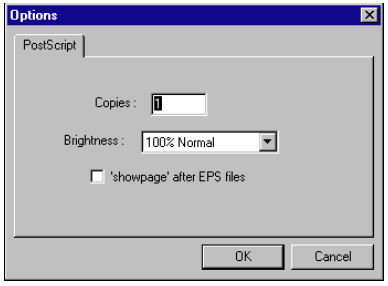
   You can navigate to different drives and directories to select files to download. Click Add All (Mac OS) to add all files in a folder.

   To select multiple sequential files (Windows), select the first file and then Shift-click the last file. Control-click to select multiple non-sequential files.

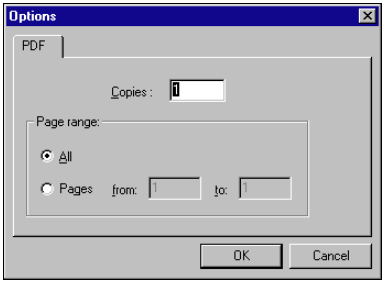
   If you change your mind about a file, select the file name in the Files to Download list and click Remove File(s) (Windows) or Remove (Mac OS).

   Click Remove All (Mac OS) to remove all files from the Files to Download list.

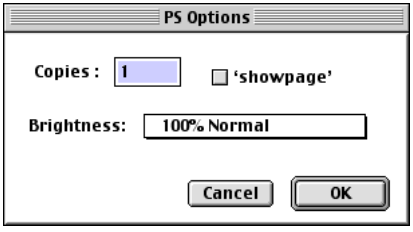
7. **To change the attributes of a file to be downloaded, select it and click Options.**



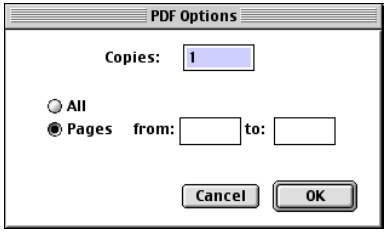
PostScript Options dialog box (Windows)



PDF Options dialog box (Windows)



PostScript Options dialog box (Mac OS)



PDF Options dialog box (Mac OS)

8. **Specify the following information in the dialog box and click OK.**

The options you set apply only to the selected file. You can set different options, or leave the default settings, for each file.

Copies—Enter the number of copies.

Brightness (PostScript and EPS files only)—Change the Brightness setting if a file appears to be too dark or too light. Choose 85% for a substantially lighter image, 115% for a substantially darker image, or one of the options in between.

NOTE: Some applications, including Adobe Photoshop, provide transfer functions that allow you to specify density settings for an image. If the file you are printing includes transfer functions, the Fiery Downloader Brightness option has no effect. For more information on using transfer functions, see the documentation for your application.

'showpage' after EPS files (Windows) or **'showpage'** (Mac OS) (PostScript and EPS files only)—In most cases, you do not need to use this option. Select the 'showpage' option only if an EPS file fails to print without it. This option adds a 'showpage' PostScript language command at the end of the print job. Some applications omit this

necessary PostScript language command when they generate EPS files. Select this option when printing EPS files generated by these applications. If you select this option unnecessarily, extra blank pages might print.

If you experience problems printing EPS files with Fiery Downloader, you can print the file directly from the application in which you created it.

Page range (PDF files only)—Specify the page range you want to print.

9. **Click Download File(s) (Windows) or Download (Mac OS).**
10. **To cancel downloading, press Escape (Windows) or Command-. (Mac OS).**

TO DOWNLOAD FILES OR FONTS USING FIERY WEBDOWNLOADER

1. **Create a PostScript, EPS, TIFF, or PDF file.**

   Specify the appropriate print options, and include (embed) any necessary fonts that are not resident on the E-820. For a list of fonts resident on the E-820, see Appendix B.

2. **Start Fiery WebTools and click Fiery WebDownloader. For more information on accessing Fiery WebTools, see page 9-1.**
3. **Select the print connection and the file you want to download.**

Managing printer fonts

The E-820 includes 136 PostScript fonts; for a complete list, see Appendix B. In addition, two Adobe Multiple Master fonts are included and used for font substitution in PDF files.

Before downloading a file that uses fonts not resident on the E-820, you must download the fonts (unless the fonts are embedded in the file). To see what fonts are resident on the E-820, choose Font List from the File menu or click the Font List button (see page 4-10).

You can download fonts only via the Direct connection. If you do not have access to the Direct connection, you must embed any special fonts used by the file when you generate it.

The screen fonts that correspond to the printer fonts installed on the E-820 are not automatically installed on your Windows system.

NOTE: Fiery Downloader cannot download TrueType fonts. If you use TrueType fonts in Windows, convert them to Adobe Type 1 before printing. To convert to Adobe Type 1 fonts for Windows 9x/Me, click the Fonts tab in the Adobe PS printer driver and setup the Font Substitution Table. For Windows NT 4.0/2000/XP, click the Postscript tab of the E-820 Document Defaults dialog box and select TrueType Font Setting > Download as Softfont.

Printer fonts and Mac OS screen fonts

Like all PostScript fonts, the fonts included with the E-820 come in two forms: printer fonts and screen fonts. Install the screen fonts included with the E-820 user software on your Mac OS computer. If you are using these fonts in documents you print on a LaserWriter, they are probably already installed. If not, you must install them. For more information, see the *User Software Installation Guide*.

Occasionally, you may want to use Adobe Type 1 (Windows) or PostScript (Mac OS) fonts that are not included with the E-820. If so, you must install both the screen fonts and the printer fonts on your computer. To do this, follow the instructions from the font manufacturer.

Downloading printer fonts to the E-820

In general, each time you print from within a Mac OS application, the application automatically downloads any fonts used in your document that are not already installed on the E-820, as long as the printer fonts are installed in your System Folder. These fonts remain in the E-820 only until your document has printed. If you print the same document again, your application must download the fonts again.

If you regularly use one or more fonts from Windows or Mac OS applications that are not already installed in the E-820, you can save time by downloading them to the E-820 hard disk with Fiery Downloader. Fonts you download to the E-820 hard disk remain installed until you remove them using Fiery Downloader, no matter how many times the E-820 is turned off and on. Consider downloading fonts you use on a regular basis to the E-820 hard disk.

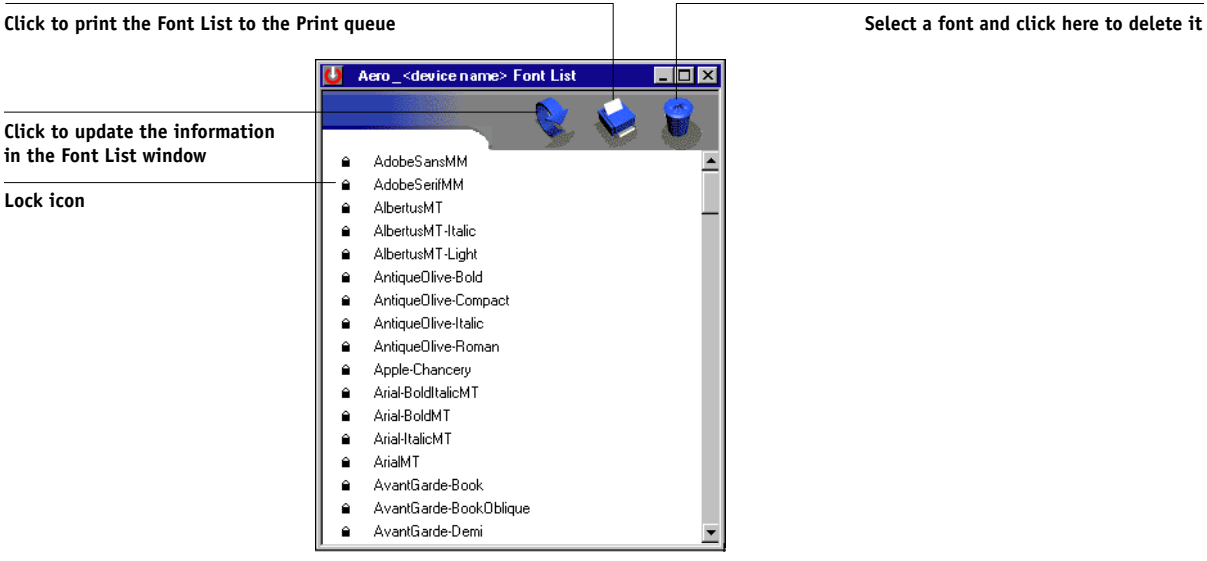
Before you download PostScript, TIFF, or EPS files with Fiery Downloader, make sure all fonts included in your file are installed on the E-820 or embedded in your file; otherwise, the text in these fonts will not print correctly or may not print at all. For PDF files, font substitution occurs automatically for fonts not installed on the E-820. Two multiple master fonts (a serif font and a sans serif font) stored on the E-820 are used exclusively for substitution with PDF files.

TO VIEW FONT INFORMATION, UPDATE, PRINT, AND DELETE FONTS

- **Choose Font List from the File menu, or click the Font List button.**

  NOTE: If the Direct connection is not published, you cannot view the Font List or perform any of the tasks described in this procedure. For information on how to publish the Direct connection, see the *Configuration Guide* or consult your administrator.

  The Font List window includes Update, Print, and Delete buttons. The printer fonts included with the E-820 (resident fonts) are locked. Locked fonts appear with a Lock icon next to the name and cannot be deleted.



Chapter 5: Printing Variable Data Documents

This chapter describes the variable data printing features supported by the E-820, including:

- Background information about variable data printing
- Printing variable data documents using EFI Fiery FreeForm™ and EFI Fiery FreeForm 2

About variable data printing

Variable data printing is typically used for direct-mail advertising or other targeted mailings. It involves combining a set of master elements that are common across copies of a document with a set of variable elements that change from copy to copy. An example is a brochure that greets customers by name and may include other personal information about the customer obtained from a marketing database. Background elements, illustrations, and text blocks that do not change across copies of the brochure comprise the master elements. The customer's name and other customer-specific information comprise the variable elements.

The E-820supports the following methods of variable data printing:

- The FreeForm feature allows you to use print options to define and store master-element documents—called FreeForm masters—on the E-820. You can send a variable-element job to the E-820 with instructions to combine the job with a particular FreeForm master.
- The FreeForm 2 feature allows you to assign specific page rules of a FreeForm master to each page of a variable job. To use FreeForm 2, you must create and print the variable job in a popular variable data printing application, such as PrintShop Mail.
- You can create the master and variable elements of a job in a popular variable data printing application, such as Pageflex Persona, and then print the job to the E-820 through a supported file format. The E-820 is compatible with Creo VPS, and PPML variable data formats.

NOTE: PrintShop Mail-Fiery Version and Pageflex Persona-Fiery Version are options.

You cannot use the following print options and settings when printing variable data:

Combine Separations to On
Compression to Off
Optimize Power Point to On
Halftone Screen to any setting other than Contone

For more information, see Appendix A.

Printing variable data documents with FreeForm

In FreeForm variable data printing, you can use print options to define master documents and assign them to variable data jobs sent to the E-820.

How FreeForm works

The basic premise of FreeForm variable data printing is that the master-element data for the job can be sent to the E-820 and rasterized separately from the variable-element data. The master-element data is stored on the E-820 in rasterized form as a FreeForm master, and can be used as often as needed with multiple sets of variable-element data. Because the FreeForm master job is preRIPped and stored on the E-820, the only RIP time required for variable data print jobs is the time needed to RIP the variable-element data. You can use FreeForm masters for any fixed-element data you might combine with different data from day to day. For example, a letterhead template can be stored as a FreeForm master and used repeatedly as the background for different letter content (the variable-element data).

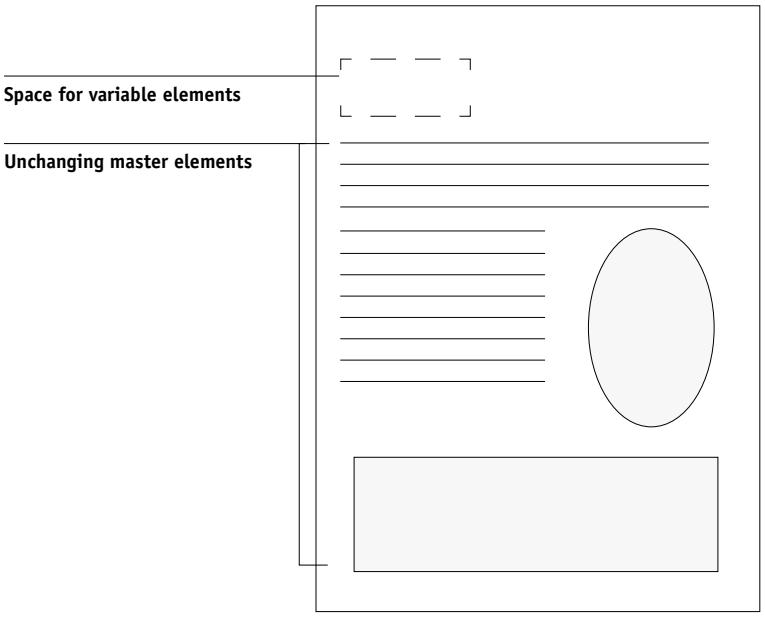
FreeForm allows you to create the master and variable documents using any application. You can create the two documents using different applications or computer platforms. To create the masters document, you can use a page layout or graphics application. To create the variable document, you can use a word processing application that has a mail merge feature, a page layout application that supports scripting, or a database application.

FreeForm functions are controlled with two print options: Create Master and Use Master. You can set these options in the printer driver when you send a job, or instruct the operator to set them with job overrides from Command WorkStation, Fiery

Spooler, or Fiery WebSpooler. You can also use Command WorkStation to monitor and manage all the FreeForm masters stored on the E-820. For more information, see the *Job Management Guide*.

Creating the master document

Before you can use FreeForm, you must create a master document and a variable document. This includes creating the layout for the combined document, as well as the elements themselves. In a page layout or graphics program, you arrange the master elements (text and graphics that do not change) on one or more pages, leaving space for the variable elements.



Master document

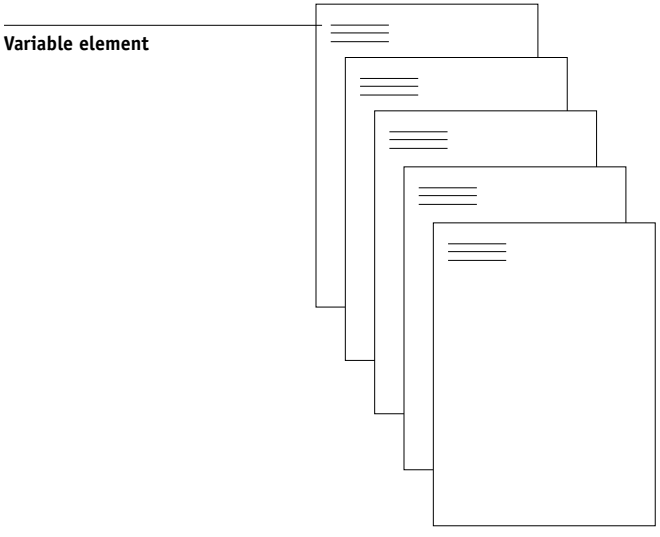
When you have finalized the design of the master document, print it to the E-820 and specify that a FreeForm master be created from the job (see page 5-8).

NOTE: Although the E-820 can store up to 100 FreeForm masters, the printer driver interface, Fiery WebSpooler, and Fiery Spooler allow you to select numbers 1 through 15 only. To create a FreeForm master with a number greater than 15, the operator must set the Create Master and Use Master options and RIP the job from Command WorkStation.

Creating the variable document

You can create the variable document with a word processing application that provides a mail merge function, a database application, or a page layout application that supports scripting. In all cases, information is taken from a list or database and merged into an existing document that is set up to accept the information. Each application has different controls for this function; for detailed instructions, see the application documentation. Before the variable elements can be added to the master document, they must be formatted to conform to the layout of the master document. To do this, you create a document with the correct formatting, and then add the variable information in the appropriate places.

For efficient variable data printing, create a variable document that has significantly more pages than its corresponding FreeForm master.



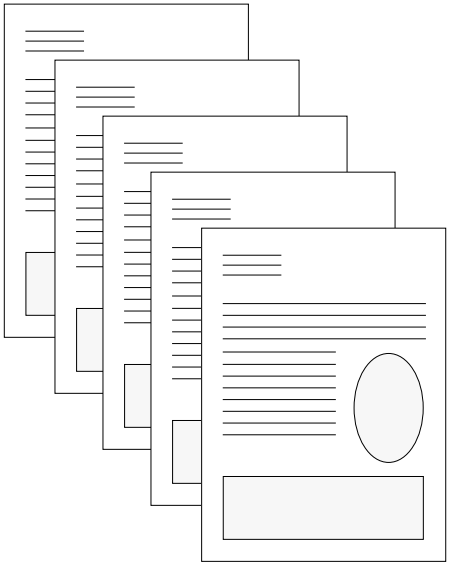
Variable document

When you have created a variable document, print it to the E-820 and specify that it be combined with the corresponding FreeForm master (see page 5-8).

Combining the FreeForm master with the variable document

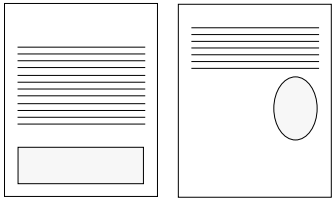
When you print a variable document to the E-820, you specify the FreeForm master created from your master document with the Use Master print option. The E-820 combines the raster data of the variable document with the already RIPped FreeForm master, creating a new raster data file. The merged raster file can be soft-proofed (before it is printed) in the thumbnail windows of Command WorkStation, Fiery Spooler, or Fiery WebSpooler.

For more information about soft-proofing and thumbnail windows of Command WorkStation, see the *Job Management Guide*.

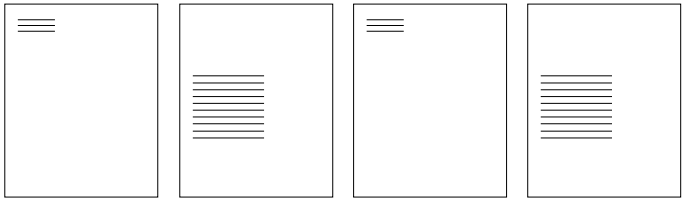


Combined document

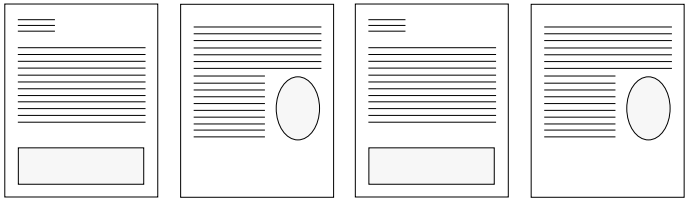
A master document can include more than one page. When you print a variable document and specify a FreeForm master that contains multiple pages, the variable pages are combined with the master pages in a cyclical fashion. The following example illustrates how a variable document combines with a two-page master document. Pages 1 and 2 of the variable document are combined with Pages 1 and 2, respectively, of the master document. The cycle of master pages then starts over, and Pages 3 and 4 of the variable document are combined respectively with Pages 1 and 2, again, of the master document. This pattern continues for each subsequent set of pages in the variable document.



Multiple-page master document



Variable document



Combined document

Using FreeForm

This section provides some suggestions to help you print variable data jobs correctly.

- Consult your administrator or operator on how FreeForm master numbers are assigned at your site.

  If FreeForm printing is used by a large number of users at your site, FreeForm master numbers, or ranges of numbers, can be assigned to specific users or groups. Users can select only numbers 1 through 15 as print option settings. The operator can override FreeForm master numbers and reassign them to numbers greater than 15 from Command WorkStation. You may want the operator to assign all FreeForm master numbers to avoid potential conflicts in the use of FreeForm master numbers.

- Use the Job Notes and Instructions fields to communicate instructions about your job to the operator.

  If you want to create or use a FreeForm master number greater than 15, these fields can be used to tell the operator to override the appropriate job setting (Create Master or Use Master) and RIP the job from Command WorkStation.

- Give your jobs unique and descriptive names.

  Both you and the operator must be able to easily identify your jobs if there are many jobs in the queues, the FreeForm master numbers are reassigned, or you want to refer to another job in the Job Notes or Instructions fields.

- For restrictions on print option settings when using FreeForm, see Appendix A.

  The following settings for the master document and variable document must match:

  Color Mode
  Page Size

  The following settings for the variable document might override the corresponding settings in the master document:

  Duplex
  Media Type
  Paper Source

  Save Fast Reprint

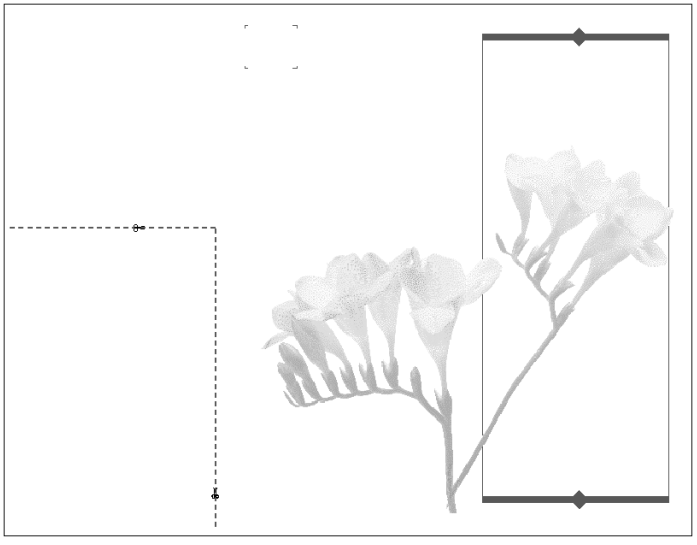
Black Detection
Copier Mode
Page Order
Sorter Mode
Stapler Mode

NOTE: The Top-Bottom print option of the Duplex setting will have no effect when printing using FreeForm.

TO PRINT VARIABLE DATA DOCUMENTS

1. **Create a master document.**

   The following example shows one page of a master document for a tri-fold brochure that was created with a page layout application.



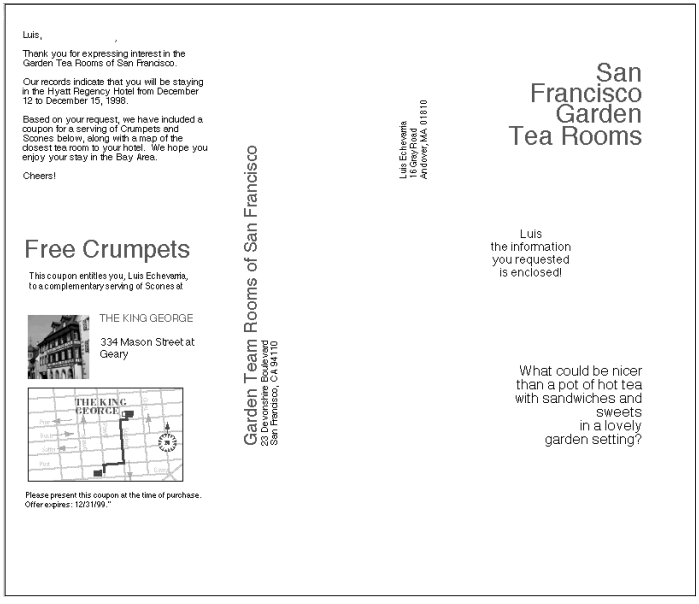
2. **Print the master document to the E-820 with the Create Master print option set to one of the FreeForm Master numbers (1 through 15).**

   Or, set the Create Master option to None and instruct the operator to use overrides to create a FreeForm master from this job.

3. Create the variable document.

You can create the variable document using a different file, a different application, or a different computer platform than was used to create the master document, but some print options must be the same (see page 5-7 for details).

The following example shows one page of the variable document for the tri-fold brochure. The data in this document can be as simple as a name and address, or as complex as multiple, full-color graphics and photographic elements.

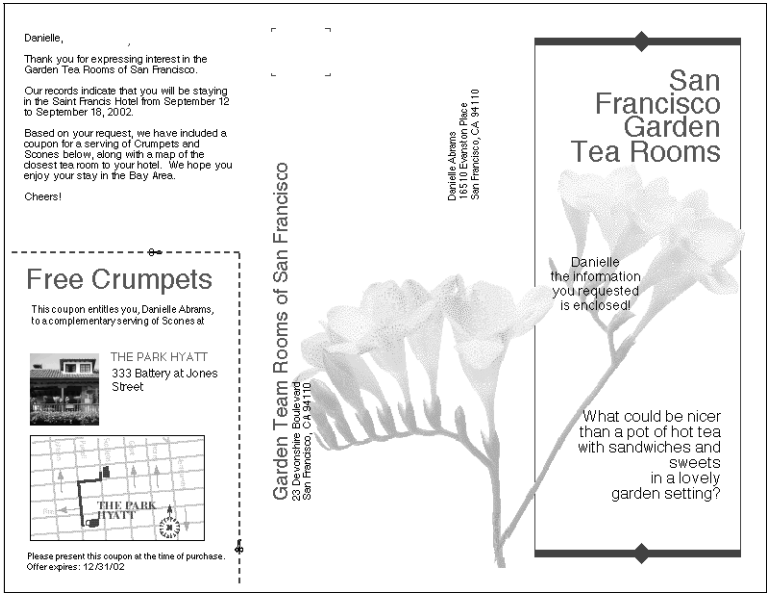


4. Print the variable document to the E-820 with the Use Master print option set to the appropriate FreeForm master number.

The FreeForm master number may be one you set when you sent the master document, or one that was assigned by the operator.

If you want to check the job before it prints, instruct the operator to RIP and Hold the job so you can preview it from Command WorkStation, Fiery Spooler, or Fiery WebSpooler.

The following example shows the FreeForm master and variable document combined. The variable data is simply overlaid on the master document.



Printing variable data documents with FreeForm 2

Freeform 2 extends the functionality of variable data documents using a third-party application that supports FreeForm 2 such as PrintShop Mail which allows you to create and print variable data documents.

To print a variable data job using FreeForm 2, you first open the variable document in the third-party application. The third-party application provides FreeForm 2 features that allow you to assign a specific page of a FreeForm master to each page of the variable document.

Freeform 2 enables you to specify page conditions that determine rules for individual Master pages. These rules, described by if and then statements in each Master page, can allow you to skip or print pages within a Master file. For more information on creating page conditions, see the documentation that came with the third-party printing software.

For instructions on creating a variable data job or printing variable data jobs using FreeForm 2 and the third-party variable data printing software, see the documentation that came with the third-party printing software.

FreeForm 2 also provides the option to delete a specified FreeForm master from the E-820 hard disk after its corresponding variable job has been successfully RIPped and printed. You can set this feature in a third-party application that supports the clearing of FreeForm masters. For more information on deleting FreeForm masters, see the documentation that came with the third-party printing software.

Printing documents from variable-data printing applications

As an alternative to FreeForm or FreeForm 2, you can design the master and variable elements of your job using a variable-data printing application, such as Pageflex Persona. You can then print the job to the E-820 from the application using a compatible file format. The E-820 is compatible with the following variable data formats:

- CreoVPS (Variable Print Specification)
- PPML (Personalized Print Markup Language)

  PPML is a variable data standard that supports the use of multiple graphic objects as both variable and master elements.

NOTE: Printing documents from variable-data printing applications is an optional feature.

To print documents in PPML format, use a third-party software application that is compatible with PPML format, such Pageflex Persona or download a PPML file using Command WorkStation.

For more information on printing documents with variable-data formats, see the documentation that came with the third-party printing software.

NOTE: Creo VPS or PPML files cannot be printed with the Direct connection.

Using the Fiery VDP Resource Manager

PPML jobs contain all the global objects for an environment created by an application such as PrintShop Mail. Global objects are the required images that are downloaded to the E-820 for PPML jobs with variable elements. These images are stored and cached as a group in an environment. The images can then be reused for future PPML jobs.

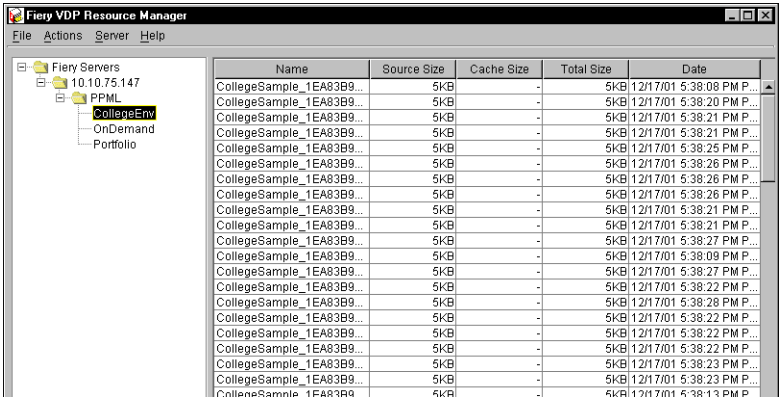
The global objects in each environment can be managed with the Fiery VDP Resource Manager utility. You can view all the installed global objects in the E-820 VDP cache area. For a project, all global objects are grouped under an environment name.

To install and configure the Fiery VDP Resource Manager, see the *User Software Installation Guide*. To view and delete global objects, use the following the procedure.

TO VIEW AND DELETE GLOBAL OBJECTS

1. **Open the Fiery VDP Resource Manager utility.**
2. **Click the Fiery Servers folder to expand the list of available Fiery servers.**

   All connected servers are displayed.
3. **Double-click the folder of theE-820 to display the list of PPML global object environments.**



4. **To delete global objects, click the global object environment and select Remove Cache and Source from the Actions menu.**

   To delete the cache only and not the source, select Remove Cache from the Actions menu.

   NOTE: To update the current information, select Refresh from the Server menu. Global objects cannot be deleted from the E-820 or with the Command WorkStation Clear Server command.

Chapter 6: Scanning

With Fiery Scan, you can scan documents or images from the copier glass directly into Photoshop on your computer or through the copier's automatic document feeder (ADF) using the Fiery Scan 3.x TWAIN module. With Fiery Remote Scan, you can display the scan in a host application, such as photoshop, and then retrieve and send the scan to a specific destination. You can also use EFI WebScan™ to retrieve a scan.

The following requirements and constraints apply:

- Fiery Scan and Fiery Remote Scan cannot be used over the parallel port; it requires a network connection. For information on supported networking protocols, see the *User Software Installation Guide*.
- Fiery Scan and Fiery Remote Scan must be installed as described in the *User Software Installation Guide*.
- Photoshop RGB Setup should use EFIRGB.icm (Windows) or EFIRGB ICC (Mac OS) settings. For information on loading this file, see the *User Software Installation Guide*.

Fiery Scan components

Fiery Scan consists of the following software components and features:

- Fiery Remote Scan—includes the Fiery Scan 4.x TWAIN plug-in module. Fiery Remote Scan allows you to remotely initiate and retrieve a scan from a remote computer on the network to a copier.
- FieryBar Scan application—appears on the Fiery Advanced Controller Interface (option). FieryBar Scan allows you to initiate and send scan files taken from the copier.
- Fiery Scan 3.x TWAIN plug-in module. With the Fiery Scan plug-in module, you can scan an image from the copier glass directly into TWAIN compliant application software on your computer.
- Scan to E-mail
- Scan to mailbox

- Scan to Hold queue for document merging and editing
- Fiery WebScan for mailbox retrieval using Fiery WebTools

Using Fiery Remote Scan

With Fiery Remote Scan, you can initiate and retrieve scan files remotely. You can open the scan file in a host application, such as Photoshop 5.5, Photoshop 6.0 or Acrobat 4.05, and send the scan file to a mailbox, the Hold queue, or an e-mail address. You can then retrieve files using Fiery Remote Scan, Fiery WebScan, or Command WorkStation. All scans are stored on the E-820 hard disk and retrieved through the network.

NOTE: The following procedures describe how to use Fiery Remote Scan from Photoshop 5.5 and Photoshop 6.0.

NOTE: The Windows and Mac OS versions of Fiery Scan are fundamentally the same; differences are noted in this section. Where illustrations from both platforms appear, the Windows version comes first, followed by the Mac OS version.

TO INITIATE A SCAN

1. **Start Photoshop.**
2. **If you are scanning a single original, place it on the copier glass; if you are scanning multiple originals, place them in the document feeder.**
3. **In Photoshop's File menu, choose Import.**

   If you are using Photoshop 5.5, choose Import from the File menu, and then click TWAIN_32 (Windows) or Fiery Twain Acquire (Mac OS).

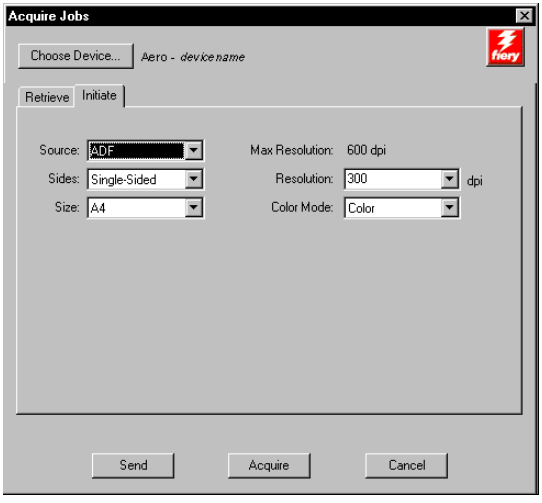
   If you are using Photoshop 6.0 or later, choose Import frames File menu, and then click Fiery Remote Scan 4.4. for both Windows and Mac OS.

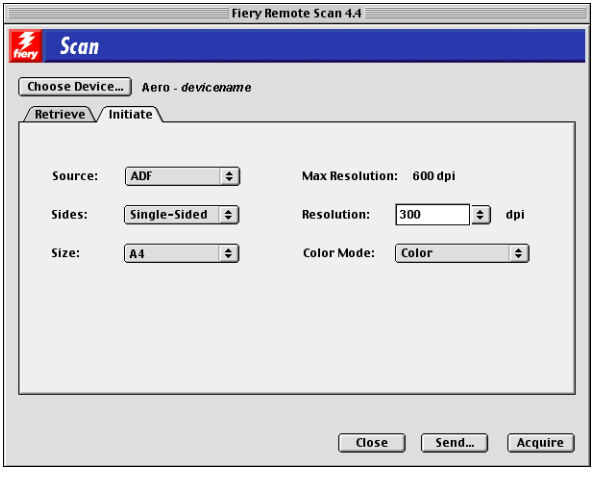
   NOTE: On a Mac OS, do not select "Fiery Twain Acquire" from Photoshop 6.0.
4. **Select Fiery Remote Scan 4.4 in the dialog box that appears, and click Select.**
5. **Choose Import from the File menu and click TWAIN_32.**

6. **Select the E-820 in the Choose Device dialog box and click OK.**

   If the E-820 does not appear in the My Fiery list, you must configure the list to communicate with the E-820. For instructions, see the *User Software Installation Guide*.

7. **Click the Initiate tab.**





8. **Select the appropriate options in the Initiate tab.**

   Source—Choose ADF or Platen.

   Sides—Choose the number of sides the copier must scan.
   (This option is only available if you are scanning from the document feeder.)

   Size—Choose the size of the document the E-820 scans.
   (This option is only available if you are scanning from the copier glass.)

   Resolution—Choose a value for the resolution. Changing the resolution also changes the image size. The maximum resolution supported by the E-820 is displayed in the dialog box.

   Color Mode (**Color** or **Grayscale**)—Choose the type of scan you want.

9. **Click Acquire or Send.**

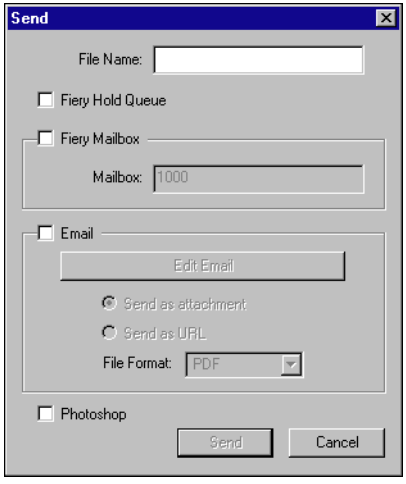
   If you click Acquire, the scan opens in the host application, where you can view and edit your scanned file.

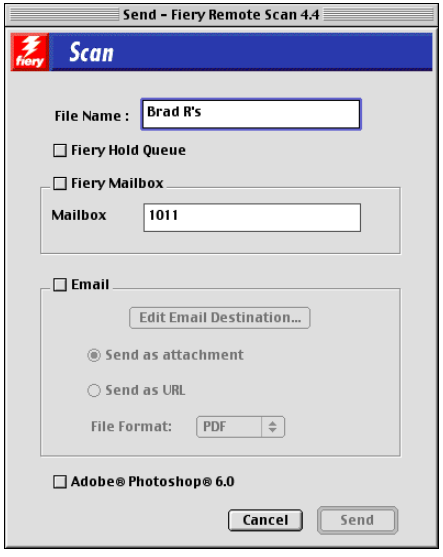
   If you want to save the file to a specific destination, click Send and see the procedures in the following section.

Sending a scan job to a specific destination

When you initiate a scan, you select where to send the file. After selecting the appropriate settings for your scan job from the Acquire Jobs dialog box, you can specify the location to send the scan. You can send the scan to a mailbox, to the Hold queue, or an e-mail address.

NOTE: The name of the application displayed in the dialog box title bar varies, depending on the application you are using.


Send
File Name:
Fiery Hold Queue
Fiery Mailbox
Mailbox:
1000
Email
Edit Email
Send as attachment
Send as URL
File Format:
PDF
Photoshop
Send
Cancel


Send - Fiery Remote Scan 4.4
Scan
File Name :
Brad R's
Fiery Hold Queue
Fiery Mailbox
Mailbox
1011
Email
Edit Email Destination...
Send as attachment
Send as URL
File Format:
PDF
Adobe® Photoshop® 6.0
Cancel
Send

Using Scan to Hold queue for document merging and editing

When you send a scan file to the Hold queue, the E-820 automatically converts and stores the file as a PDF on the E-820 hard disk. You can then manipulate the file using DocBuilder Pro and Command WorkStation. For information about using DocBuilder Pro, see the *Job Management Guide*.

TO SEND A SCAN FILE TO THE HOLD QUEUE

1. **In the Acquire Jobs dialog box, select the appropriate settings for your scan job and click Send.**
2. **Select Fiery Hold queue to save the file as a PDF in the local Hold queue.**

   The scan job will appear in the Spool area of the Command WorkStation Queues window.

Scan to Mailbox

You can save the scan file to a four-digit mailbox on the E-820 hard disk.

TO SEND A SCAN FILE TO A MAILBOX

1. **In the Acquire Jobs dialog box, select the appropriate settings for your scan job and click Send.**
2. **Select Mailbox.**
3. **Enter the Mailbox number.**
4. **Click Send.**

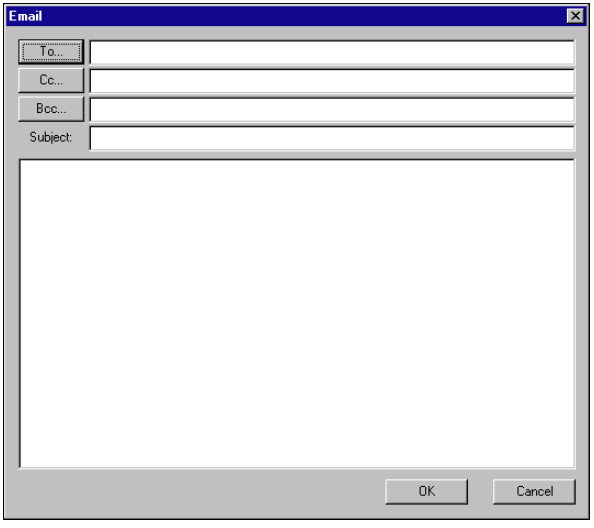
Scan to E-mail

You can send a scanned image via e-mail, as either an attachment or a URL. For more information on E-mail services, see Chapter 10.

TO SEND A SCAN FILE TO AN E-MAIL ADDRESS

1. **In the Acquire Jobs dialog box, select the appropriate settings for your scan job and click Send.**
2. **Select the E-mail option and click Edit Email (Windows) or Edit E-mail Destination (Mac OS).**

   The E-mail message window appears.



3. **To send a scan file, enter an e-mail address in the To: field, or browse the list of e-mail addresses in the Address Book by clicking To:, Cc:, or Bcc:.**

   You can also enter a Subject line and body text.
4. **Click OK.**
5. **Indicate whether you want to send the file as an attachment or a URL.**
6. **Choose a File Format (JPG, PDF, or TIFF).**
7. **Click Send.**

Retrieving scan files

Once you have scanned a document to the mailbox, you can access the documents with Fiery Remote Scan or the Fiery WebScan.

TO RETRIEVE SCAN FILES USING FIERY REMOTE SCAN

1. **Start Photoshop.**
2. **Choose Import from the Photoshop File menu and click Select TWAIN_32 Source.**

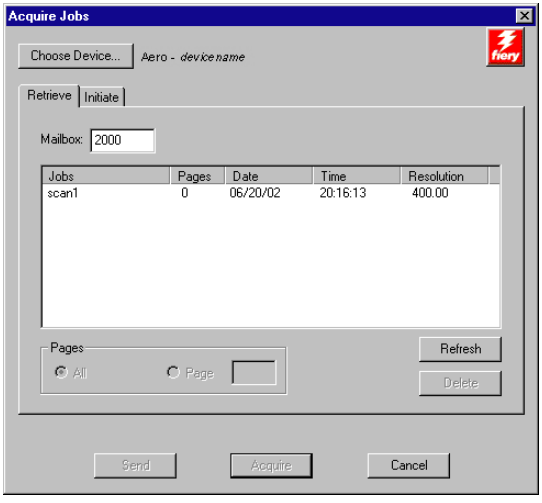
   If you are using Photoshop 5.5, choose Import from the File menu, and then click TWAIN_32 (Windows) or Fiery Twain Acquire (Mac OS).

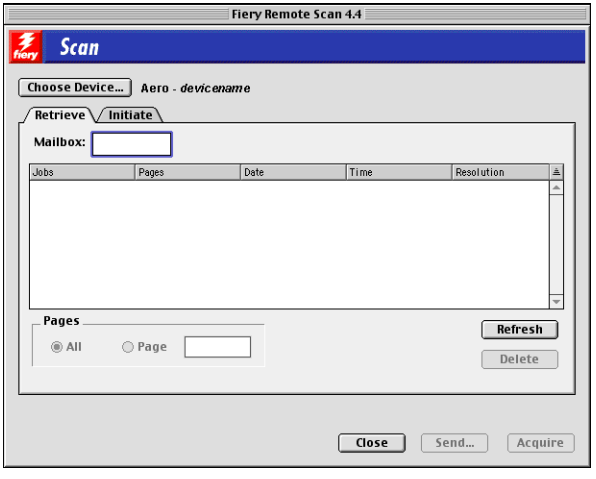
   If you are using Photoshop 6.0 or later, choose Import from the File menu, and then click Fiery Remote Scan 4.4. for both Windows and Mac OS.

   NOTE: On a Mac OS, do not select "Fiery Twain Acquire" from Photoshop 6.0.
3. **Select Fiery Remote Scan in the dialog box that appears and click Select.**
4. **Choose Import from the File menu and click TWAIN_32.**
5. **Select the E-820 in the Chooser and click OK.**

   If the E-820 does not appear in the Windows Chooser, you must configure the Chooser to communicate with the E-820. For instructions, see the *User Software Installation Guide*.

6. Click the Retrieve tab.





7. **Enter the Mailbox number for the scan file.**

   All scan jobs in the Mailbox are listed.

8. **Select the specific scan job you want to open.**

   To open all pages of a scan, select All; to open a specific page, select Page and enter the specific number in the Page field.

9. **Click Acquire.**

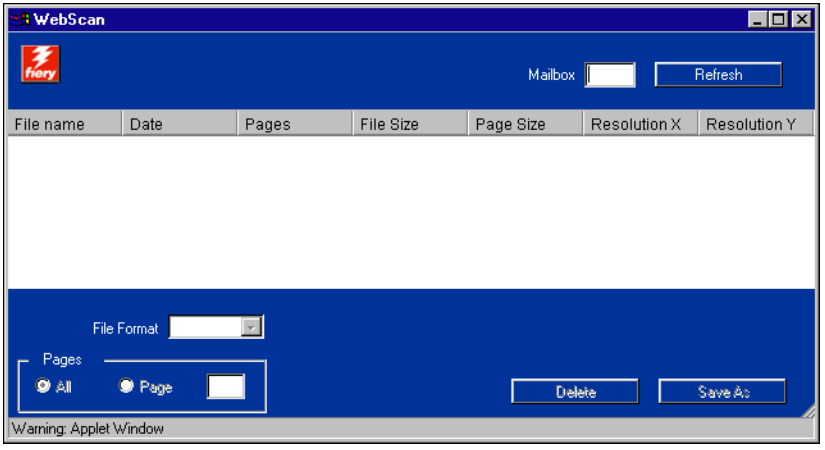
   The scan job opens in Photoshop.

   If you want to save and send the file to a specific destination, see "Sending a scan job to a specific destination" on page 6-4.

TO RETRIEVE SCAN FILES USING FIERY WEBSCAN

1. **Click the WebScan WebTool from the Fiery WebTools menu.**

   The WebScan window appears.



2. **Enter the Mailbox number in the Mailbox field.**

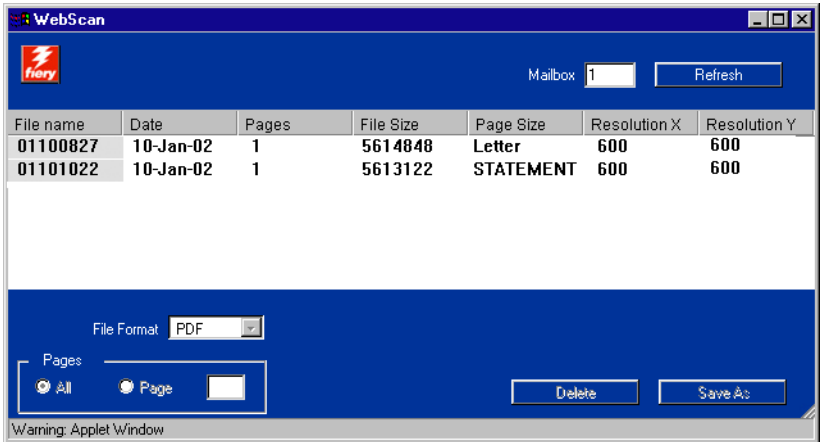
   NOTE: The Mailbox number is the directory you specified with the copier's Scanner Mode.

3. **Click Refresh.**

   All scanned documents in the Mailbox are listed.

   WebScan lists the following information about each scanned job: File name, Date, Pages, File Size, Page Size, Resolution X, and Resolution Y.

4. **Select the file you want to open.**



5. **Choose PDF, TIFF, or JPEG from the File Format menu.**

   You can specify the pages you want to retrieve from your job if you choose JPEG from the File Format menu.

   If you want to open all pages of a scan click All. If you want to open a specific page, specify the Page number to scan.

6. **Click Save As.**

   NOTE: Depending the browser you are using, you may be asked to indicate whether you want to open the file from its current location, or save the file to disk.

   The scanned image is displayed in your web browser.

   NOTE: You must have Adobe Acrobat installed to view a scanned PDF.

7. **To print the job, choose Print from the File menu.**

   To delete a scanned image from the E-820 hard disk, select the file you want to delete from the WebScan window and click Delete.

NOTE: The Acquire and Send buttons on the Initiate Tab both initiate a scan. The Acquire command acquires the scan directly into the host application, such as Photoshop. The Send command sends the scan to all the destinations selected by the user, such as the Hold queue, a selected mailbox, or an e-mail recipient.

If you use Acquire to scan a document and then you want to send that scan to several destinations, you must leave (or replace) the document on the copier and then click Send.

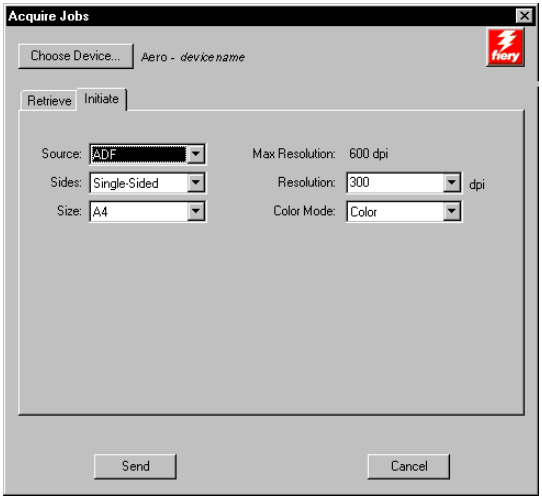
Using the FieryBar Scan application (FACI option)

The FieryBar Scan application allows you to initiate and retrieve scans using the optional Fiery Advanced Controller Interface (FACI). The FieryBar Scan application user interface and procedures are similar to the Fiery Remote Scan interface for Windows, except you cannot acquire the scan in Photoshop.

TO INITIATE A SCAN USING THE FIERYBAR SCAN APPLICATION

1. **Start the FieryBar Scan application from the Fiery Bar by right-clicking the application on the Fiery Advanced Controller Interface and selecting Scan.**

2. **Click the Initiate tab.**



3. **Select the appropriate options in the Initiate tab.**

   Source—Choose ADF or Platen.

   Sides—Choose the number of sides the copier must scan.
   (This option is only available if you are scanning from the document feeder.)

   Size—Choose the size of the document the E-820 scans.
   (This option is only available if you are scanning from the copier glass.)

   Resolution—Choose a value for the resolution. Changing the resolution also changes the image size. The maximum resolution supported by the E-820 appears in the dialog box.

   Color Mode (**Color** or **Grayscale**)—Choose the type of scan you want.

4. **Click Send.**

   To save the file to a specific destination, see "Sending a scan job to a specific destination" on page 6-4.

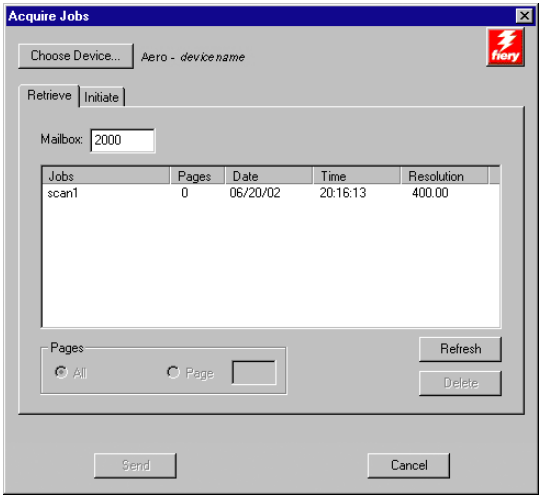
   To cancel scanning, select Cancel on the E-820 Control Panel.

   NOTE: The Cancel button in the window will have no effect.

TO RETRIEVE A SCAN FILE USING THE FIERYBAR SCAN APPLICATION

1. **Start the FieryBar Scan application from the Fiery Bar by selecting Scan.**

2. **Click the Retrieve tab.**



3. **Enter the specific Mailbox number for the scan file.**

   All scan jobs in the Mailbox are displayed.

4. **Select the specific scan job you want to open.**

   To open all pages of a scan, click All; to open a specific page, enter the specific number in the Page field.

Scanning to the E-820 hard disk drive

Fiery Scan uses a scan to hard disk drive (HDD) feature that allows you to use the E-820 Control Panel to scan an image from the copier glass (platen) or document feeder (DF) into E-820 memory. You can then open the image with Fiery Remote Scan or the WebScan WebTool.

Additionally, you can scan a job directly to the Hold queue, so that you can use the DocBuilder Pro features of Command WorkStation. For more information on using DocBuilder Pro, see the *Job Management Guide*.

The following procedure explains how to scan to the HDD with the E-820 Control Panel. For information on using the Control Panel menu, see the *Configuration Guide*.

To scan a job to the HDD using the E-820 Control Panel

1. **Position the original face down on the copier glass or face up in the document feeder.**
2. **Make sure the information screen on the Control Panel reads Idle.**

   If Printing or RIPping appears, the E-820 is processing; you must wait until the system reaches Idle.

3. **Press the Menu button on the Control Panel to go to the Functions menu.**
4. **Scroll with the down arrow.**
5. **Press the line selection button next to Scan Job.**
6. **Press the line selection button next to Source.**
7. **Choose your Document Source.**

Choose ADF if you are scanning from the document feeder or choose Platen if you are scanning from the glass.

NOTE: If ADF is selected and no paper is detected, an error message will prompt you to set the document in the document feeder.

8. **Choose the Original Size of your scan job.**

   Select the paper size from the list box for paper size selection.

9. **Specify if your job is one-sided or two-sided.**

10. **Press the line selection button next to Image Options.**

11. **Choose the Color Mode.**

    Choose either Color, Grayscale, or Black and White.

12. **Choose the Resolution of your scan job.**

    Choose 150, 300, 600.

    To select a scan file destination, see the following procedures.

Sending a scan job to a specific destination

When you initiate the scan, you select where to send the file. After you select the appropriate settings for your scan job using the previous procedure, you can specify the location to send the scan. You can send the scan to a mailbox, the Hold queue, or an e-mail address.

NOTE: You can send the scan to an e-mail address only if you have set up e-mail service in advance. For more information, see the *Configuration Guide*.

TO SEND A SCAN FILE TO THE MAILBOX

1. **After you have selected your settings, press the line selection button next to Destination.**

2. **Press the line selection button next to Add Destination.**

3. **Choose Send to Mailbox.**

   Enter a mailbox number from 0–9999.

4. **Press the line selection button next to Exit Destination.**

5. **Press the line selection button next to Start Scan.**

6. **Enter a file name for your job.**

   The default name is MMDDHHMMSS.

   The job is scanned and the file is sent to the E-820 hard disk. To retrieve the scan file, see "Retrieving scan files" on page 6-8.

   To cancel scanning, select Cancel on the E-820 Control Panel.

To Send a scan file to the Hold Queue

1. **After you have selected your settings, press the line selection button next to Destination.**

2. **Press the line selection button next to Add Destination.**

3. **Select Send to Hold Queue.**

4. **Choose Yes to send your job to Fiery Hold Queue.**

5. **Choose the line selection button next to Exit Add Dest.**

6. **Press the line selection button next to Exit Destination.**

7. **Press the line selection button next to Start Scan.**

8. **Enter a name for your job.**

   The default name is MMDDHHMMSS.

   The job is scanned and the file is sent to the E-820 Hold queue. For information on retrieving jobs sent to the Hold queue, see the *Job Management Guide*.

   To cancel scanning, select Cancel on the E-820 Control Panel.

To manually send a scan file to an e-mail address

1. **After you have selected your settings using the previous procedure, press the line selection button next to Destination.**

2. **Press the line selection button next to Add Destination.**

3. **Press the line button next to Send to Email.**

4. **Press the line selection button next to Select Addresses.**
5. **Press the line selection button next to New Address.**

   Enter the e-mail address by specifying the user and domain name.
6. **Choose Exit Email Address.**
7. **Press the line selection button next to Configure Email.**
8. **Choose Attachment or URL as a Document Format.**
9. **Choose PDF, TIFF, or JPEG as a File Format.**

   NOTE: Multiple JPEG images in a single file are not supported.
10. **Press the line selection button next to Exit Email.**
11. **Press the line selection button next to Exit Add Dest.**
12. **Press the line selection button next to Exit Destination.**
13. **Press the line selection button next to Start Scan.**
14. **Enter a name for your job.**

    The default name is MMDDHHMMSS.

    The job is scanned and the file is sent to the e-mail address.

    To cancel scanning, select Cancel on the E-820 Control Panel.

TO SEND A SCAN FILE USING THE ADDRESS BOOK

1. **After you have selected your settings, press the line selection button next to Destination.**
2. **Press the line selection button next to Add Destination.**
3. **Press the line selection button next to Send to E-mail.**
4. **Press the line selection button next to Select Addresses.**
5. **Press the line selection button next to Fiery Address Book.**

6. **Press the line selection button next to the alphabetized category for the e-mail address.**

   The e-mail addresses are alphabetized by the first letter of the e-mail address.

7. **Choose the e-mail addresses.**

8. **Choose Exit Address Book.**

   If you want to remove an e-mail address before you send the scan file, select Remove Addresses and press the line selection of the e-mail address you want to delete. Click OK.

9. **Press the line selection button next to Exit Email Address.**

10. **Press the line selection button next to Configure Email.**

11. **Choose Attachment or URL as a Document Format.**

12. **Choose PDF, TIFF, or JPEG as the File Format.**

    NOTE: Multiple JPEG images in a single file are not supported.

13. **Press the line selection button next to Exit Email.**

14. **Press the line selection button next to Exit Add Dest.**

15. **Press the line selection button next to Exit Destination.**

16. **Press the line selection button next to Start Scan.**

17. **Enter a name for your job.**

    The default name is MMDDHHMMSS.

    The job is scanned and the file is sent to the e-mail addresses from the address book.

    To cancel scanning, select Cancel on the E-820 Control Panel.

Using Fiery Scan 3.x

The following requirements and constraints apply:

- The Fiery Scan plug-in must be installed as described in the *User Software Installation Guide*.
- In Photoshop's RGB Setup, use the EFIRGB ICC (Mac OS) or EFIRGB.icm (Windows) settings. For information on loading this file, see the *User Software Installation Guide*.

Fiery Scan color conversion settings

Fiery Scan offers two color conversion choices for scanned data:

- **Calibrated RGB** creates an RGB scan optimized for printing with E-820 Rendering Styles (CRDs) or ICC profiles, as well as for viewing on the monitor.
- **Match Copy** creates a CMYK scan that, when printed on the E-820, looks like a copy of the original made with the copier.

NOTE: When you print an image scanned in grayscale, the image might output in colors, depending on the application.

Scanning from the copier

With Fiery Scan, you first create a prescan of the image; then you can select part, or all, of the prescan for final scanning.

NOTE: The Windows and Mac OS versions of Fiery Scan are fundamentally the same; differences are noted in this section. Where both windows or dialog boxes are illustrated, the Windows version comes first, followed by the Mac OS version.

NOTE: The following procedure describes scanning from Photoshop.

TO PRESCAN A DOCUMENT

1. **Start Photoshop.**
2. **Place the original you want to scan on the copier glass.**
3. **If you are using Photoshop 5.5, choose Import from the File menu, and then click TWAIN_32 (Windows) or Fiery Twain Acquire (Mac OS).**

   If you are using Photoshop 6.0 or later, choose Import from the File menu, and then click Fiery Scan 3.4. for both Windows and Mac OS.

   NOTE: On a Mac OS, do not select "Fiery Twain Acquire" from Photoshop 6.0.
4. **Select Fiery Scan in the window that appears, and click Select (Windows) or OK (Mac OS).**
5. **Choose Import from the File menu and click TWAIN_32 (Windows) or Fiery Twain Acquire (Mac OS).**

   NOTE: On a Mac OS, do not select "Fiery Scan" from Photoshop 6.0.
6. **Select the E-820 in the Chooser window, and click OK (Windows) or Connect (Mac OS).**

   If the E-820 does not appear in the Windows Chooser list, you must configure the Chooser list to communicate with the E-820. For instructions, see the *User Software Installation Guide*.
7. **Select the appropriate settings in the Fiery Scan dialog box.**

   Prescan size—Choose the paper size of the original.

   Resolution—Specify a value for the resolution. Changing the resolution also changes the image size. The maximum resolution supported by the E-820 appears in the dialog box.

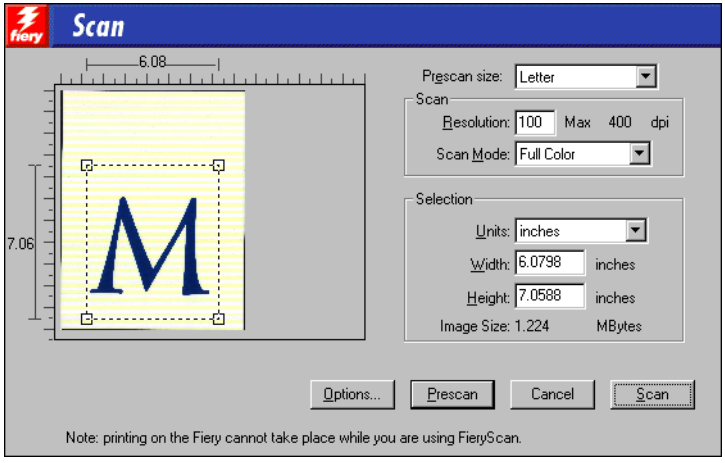
   Scan Mode (**Full Color, Grayscale,** or **Black & White**)—Specify the type of scan.
8. **Click Prescan.**

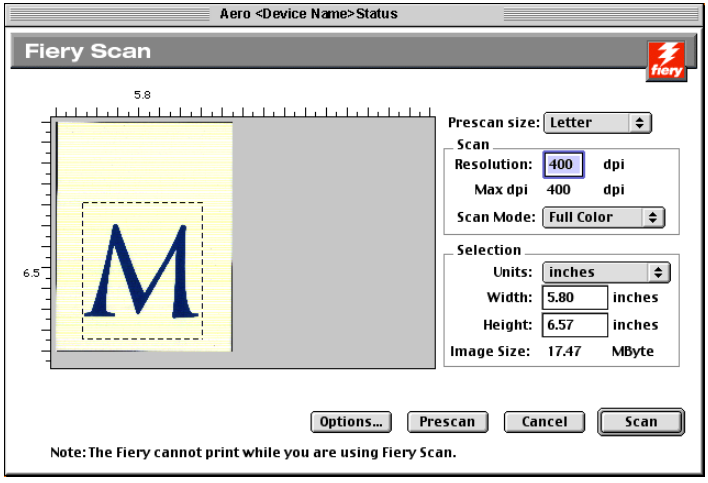
   The prescan image appears on the left side of the dialog box.

   NOTE: After prescanning, you must complete the scan before the E-820 is able to begin RIPping and printing any new jobs.

TO SELECT OPTIONS AND COMPLETE THE SCAN

1. **Drag the cursor to select the area of the prescan image that you want to acquire, or enter the area to acquire in the Selection area.**





In the Selection area, you can specify:

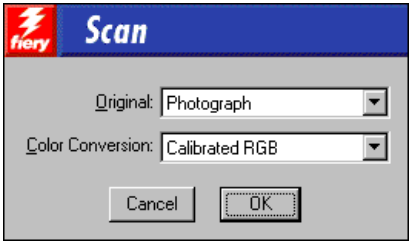
Units (**inches**, **centimeters**, **picas**, **points**, **ciceros**, or **pixels**)—Specify the ruler units that appear around the preview image.

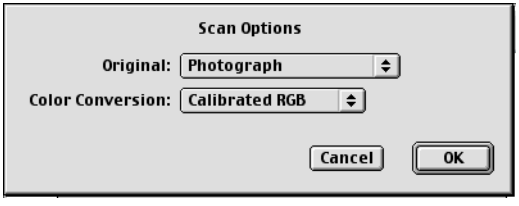
Width and **Height**—Enter the width and height of the area to scan; or, select an area of the page with the selection marquee. If you use the marquee to select the scan area, the dimensions appear in these text boxes. If you do not specify a scan area, the default is to acquire the entire scan.

To select a portion of the image using the marquee, you can move the selection marquee around by positioning the Hand tool inside the marquee and dragging the marquee to a new location. You can change the size of the frame by clicking and dragging one of the handles on the corners of the selection frame. If you want to deselect the area you have selected, double-click anywhere.

The E-820 scans at a maximum resolution that is dependent on the size of the selected area. When you select an area to be scanned, Fiery Scan displays the maximum resolution possible for that area. You can enter a dpi value which is less than the maximum resolution.

2. **Click Options to display the Fiery Options dialog box (Windows) or Scan Options dialog box (Mac OS).**





Original—Select the resampling interpolation method to use. In general, you should choose Photograph if you are scanning a continuous tone photographic image and Offset Print or Copy if you are scanning a printed document. The Offset Print or Copy mode takes slightly more time but reduces moiré patterns in scans.

Color Conversion—Use Calibrated RGB if you will print the image using a E-820 Rendering Style (CRD). Use Match Copy to match the colors in a copy made by the copier as closely as possible, assuming that you are going to print the image to the same copier and you do not want to use a Rendering Style (see "Fiery Scan color conversion settings" on page 6-19).

3. **Select the appropriate settings and click OK.**

4. **Click Scan in the main window to acquire the scan.**

   The progress bar displays how much of the image has been processed. You can press Esc (Windows) or Command-. (Mac OS) to cancel acquiring the scan.

   When the scan is acquired, the scanned image is displayed in Photoshop.

Chapter 7: Using EFI Converter (Fiery Graphic Arts Package option)

This chapter describes how to use the EFI Converter application to convert TIFF/IT-p1 files to PS or EPS file formats. EFI Converter is a feature of the Fiery Graphic Arts Package, which allows input of TIFF/IT files to RIP through a Hot Folder.

NOTE: The EFI Converter is supported on Windows 9x/Me and Windows NT 4.0/2000/XP.

TIFF/IT file formats

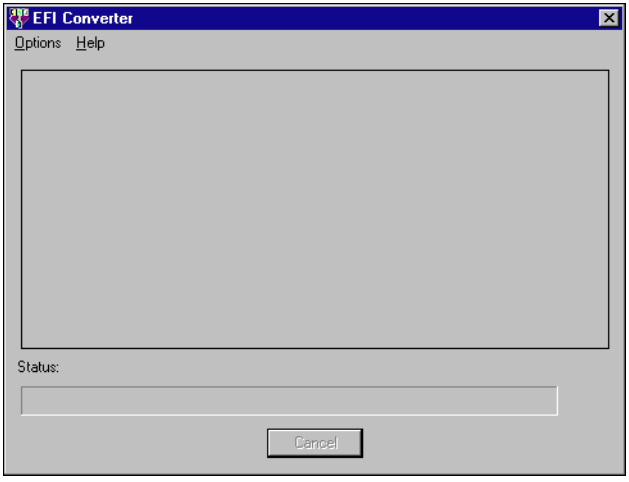
TIFF/IT-p1 is a common file format for the transfer of final print job data from one print platform to another. It is a widely used format for prepress preparation in traditional printing environments.

The TIFF/IT-p1 file format refers to a series of files. All TIFF/IT-p1 files contain a .fp file. The .fp file provides information about required subfiles, which may include .ct, .lw, and .hc files.

File format	File format abbreviation
Continuous Tone	.ct
Linework	.lw
High-resolution Contone	.hc
Final Page	.fp

Using EFI Converter

The EFI Converter application monitors incoming conversion jobs on your computer when you drag and drop files onto the Control Panel or an Input Folder.



The EFI Converter Control Panel allows you to configure conversion parameters and create and manage all your folders.

TO START THE EFI CONVERTER APPLICATION AND DISPLAY THE CONTROL PANEL

- **Start EFI Converter by double-clicking the application icon in Programs > Fiery >EFI Converter.**

  NOTE: To install the Fiery Graphic Arts Package, see the *User Software Installation Guide*.

Setting EFI Converter preferences

You can specify several preferences for the EFI Converter, including resolution, compression, default input folder location for retrieving source files, and output folder location for storing converted files.

The Input Folder allows you to drag and drop files onto the folder to convert them. The folder can be shared across the network so other users have access to

the conversion process without running the converter application on their local computers. The Input Folder can also be used as temporary storage for pending conversion jobs.

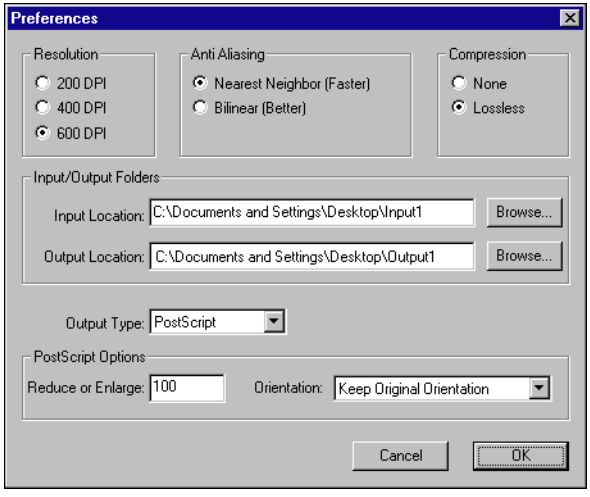
If you specify an Input Folder, you must also create an Output Folder. The Output Folder stores all successfully converted PS or EPS files. Hot Folders can monitor the Output Folder and transfer files automatically to the E-820. For more information on Hot Folders, see "Using EFI Hot Folders (Fiery Graphic Arts Package option)" on page 8-1.

NOTE: You can create an Output Folder without creating an Input Folder since there are several ways of converting files. For more information, see "Converting files" on page 7-5.

TO SET PREFERENCES

1. **Choose Preferences from the Options Menu.**

   The Preferences dialog box appears.



Resolution—Select 200, 400, or 600 dpi.

Anti-Aliasing—Select Nearest Neighbor (Faster) or Bilinear (Better).

Compression—Select Lossless.

Output Type—Choose PostScript or EPS.

NOTE: If the source file contains spot color, it can only be converted to PostScript.

Reduce or Enlarge— Enter a percentage. (PostScript Options are enabled if PostScript is selected as the Output Type, ignored during conversion if EPS is selected.)

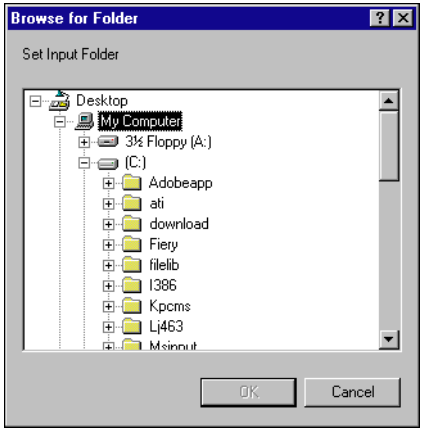
Orientation—Choose Always Portrait, Always Landscape, or Keep Original Orientation.

2. **Click OK.**

TO CREATE INPUT/OUTPUT FOLDERS

1. **In the Preferences dialog box, under Input/Output Folders, click Browse for Input Location or Output Location.**

   The Browse for Folder dialog box appears.



2. **Select an existing folder or navigate to the location where you want to create a new Input/Output folder. Click OK.**

   NOTE: You cannot use the following folder types as Input/Output folders:

   - The System Folder of your computer
   - The Desktop Folder of your computer
   - Folders located on a root directory (for example, c:\)
   - Folders located on network drives, such as a common file server (unless the EFI Converter application is installed and running locally on the file server)

3. **Click OK.**

   The new Input and Output folders are ready for use.

Converting files

To convert files with the EFI Converter, do any one of the following:

- Drag and drop files on the EFI Converter application main window.
- Choose Convert from the Options menu.
- Drag and drop files onto the Input Folder.

If you have specified an Output Folder, the converted files are stored in the Output Folder. If you have not specified an Output Folder, the converted files are stored in the same directory as the original input file.

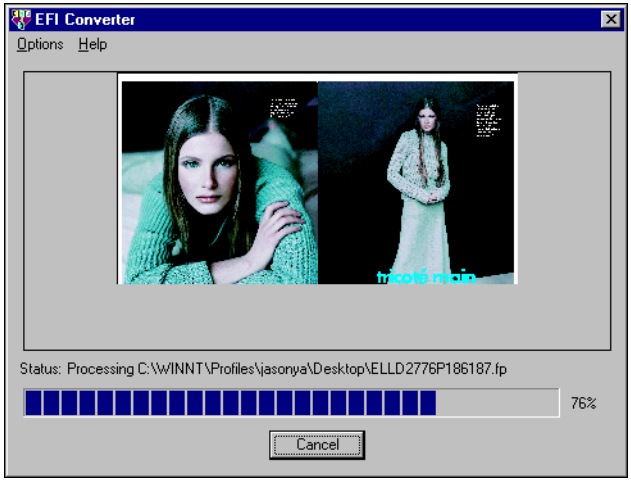
The conversion process will not start if you have invalid file types or if you are missing subfiles. All required subfiles must be complete when converting a file.

NOTE: The EFI Converter converts files containing any spot color into the PS file format only. CMYK files will only be converted into PS or EPS file formats.

TO CONVERT FILES BY DRAGGING AND DROPPING FILES ONTO THE CONVERTER MAIN WINDOW OR THE INPUT FOLDER

- **Drag and drop the files onto the EFI Converter window or the Input Folder.**

  The conversion process starts once you select and drag all necessary files (.ct, .lw, .hc, .fp). You will see the files being converted in the EFI Converter window.



TO CONVERT FILES USING THE CONVERT COMMAND

1. **Choose Convert from the Options menu.**
2. **Open the .fp file you want to convert.**

   The files are converted.

   NOTE: All subfiles described for the .fp file must be located in the same directory as the FP file. The files will not be converted unless all necessary files are complete.

   NOTE: All files that are kept in the Input Folder are automatically converted as soon as the EFI Converter is launched.

Chapter 8: Using EFI Hot Folders (Fiery Graphic Arts Package option)

This chapter describes how to use the EFI Hot Folders application to store and reuse frequently used print options when printing PostScript and PDF files on the E-820. The Hot Folders application is a feature of the Fiery Graphic Arts Package.

Overview of Hot Folders

A Hot Folder is a special folder to which you can assign a group of print options. To print a document, you simply drag and drop the document file onto the Hot Folder. The Hot Folder application routes the job to a corresponding print queue with using the print options associated with that Hot Folder.

NOTE: After printing original data, you may notice additional numbers at the end of the original file name.

You can create as many Hot Folders as you want on your computer. You can also share Hot Folders with other users on the network by creating shortcuts to the folders from remote computers.

To begin working with Hot Folders, create one or more Hot Folders, assigning print options and a print queue to each (see "Creating and deleting Hot Folders" on page 8-4). You can then print jobs by dragging and dropping the document files onto the corresponding Hot Folders. You can also print a job by printing the document file from the source application, with the appropriate Hot Folder specified as the print destination. The Hot Folder Control Panel allows you to manage your Hot Folders and monitor the status of jobs sent to the folders (see "Using the Hot Folder Control Panel" on page 8-2).

File format restrictions

The Hot Folder application supports the printing of PostScript and PDF jobs. However, if you specify print options that differ from and override the printer default options, or specify imposition options, the E-820 may offer only restricted file format support. These restrictions vary, depending on the E-820 associated with the Hot Folder.

File format	Print option override	Imposition
PostScript	Fully supported	Fully supported (with PS-to-PDF conversion)
PDF	Partially supported	Fully supported

The E-820 offers full support for PostScript and PDF jobs if you assign only printer default options to a Hot Folder.

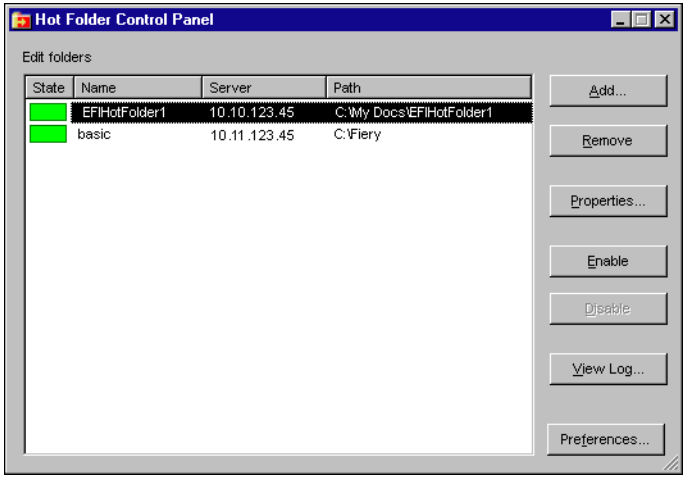
For information on setting print options, see Appendix A.

NOTE: Hot Folders route PostScript jobs directly to the server, along with imposition information. The server converts PostScript to PDF before processing the imposition information. For imposition options, see page 8-12.

Using the Hot Folder Control Panel

The Hot Folder application continuously monitors the Hot Folders on your computer for new jobs. This activity occurs in the background; you do not have to start the Hot Folder application for the monitoring to occur.

To display the Hot Folder Control Panel, start the Hot Folder application. The Hot Folder Control Panel allows you to create and manage all your folders. You can also use the Control Panel to monitor the status of jobs sent to your folders.



The Hot Folder Control Panel displays the name of each Hot Folder currently defined on your computer, the name of the server associated with each Hot Folder, and the directory path to the Hot Folder.

To start the Hot Folder application and display the Control Panel

- **Click Start, choose Programs, and then choose Hot Folder or, if you have created a shortcut to the application, double-click the shortcut on your computer desktop.**

  You can also display the Hot Folder Control Panel by right-clicking the Hot Folder icon in the Status area of the Windows taskbar and choosing Open Control Panel from the menu that appears, or by opening the Windows system Control Panel and double-clicking the icon for EFI Hot Folders.

Creating and deleting Hot Folders

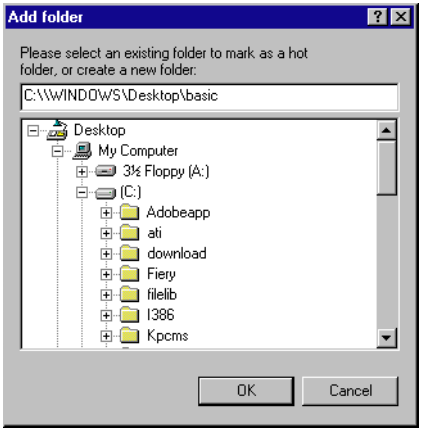
Each Hot Folder you create resides on your hard disk and contains all the files and subfolders corresponding to information about your jobs. You can print jobs by dragging and dropping them onto this folder.

To delete a Hot Folder from your computer, you must disable and remove it from the Hot Folder Control Panel.

TO ADD AND CONFIGURE THE CONNECTION AND PRINT QUEUE FOR A NEW HOT FOLDER

1. **Click Add in the Hot Folder Control Panel.**

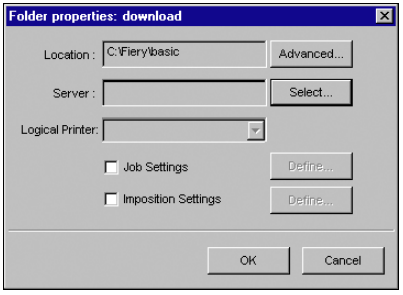
   The Add folder dialog box appears.



2. **Select an existing folder or navigate to the location where you want to create a new folder and enter the folder name.**

3. **Click OK.**

   The Folder Properties dialog box for the Hot Folder will appear.



NOTE: Do not use the following folder types as Hot Folders:

- The System Folder of your computer
- The Desktop Folder of your computer
- Folders located on a root directory (for example, c:\)
- Folders located on network drives, such as a common file server (unless the Hot Folder application is installed and running locally on the file server).

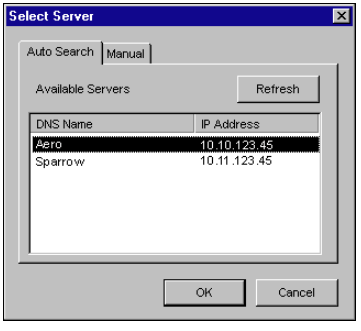
4. **In the Server field, click Select.**

   The Select Server dialog box appears.

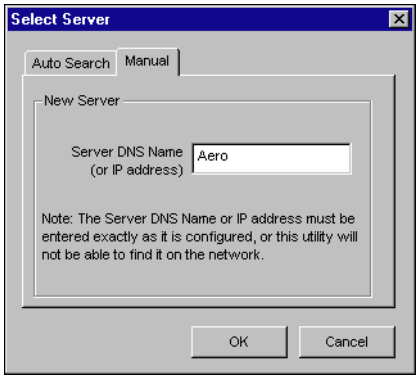
5. **To configure the connection to the E-820 server in a local subnet, click the AutoSearch tab.**

   Only servers that support Hot Folders appear in the Available Servers area.

   To add a server from the local subnet, select it and click OK.



To manually configure the connection to the E-820, click the Manual tab and enter the IP address or DNS name of the E-820 and click OK.



6. **In the Logical Printer field, choose the print queue for the Hot Folder.**

7. **In the Properties dialog box, specify properties and settings for the new Hot Folder.**

   For more details on job and imposition settings, see "Customizing Hot Folder settings" on page 8-9.

8. **Click OK.**

   The new Hot Folder is ready for use. The folder name appears in the list in the Hot Folder Control Panel.

   NOTE: If the number of copies in the Hot Folder setting is set to one, the number of copies for a PostScript file is applied. If the number of copies in the Hot Folder setting is set to two or more, the Hot Folder setting is applied.

TO DELETE A HOT FOLDER FROM YOUR COMPUTER

1. **In the Hot Folder Control Panel, select the folder you want to remove.**

   Make a note of the folder's directory path.

2. **If the folder is not already disabled, click Disable.**

   You must disable a folder before you can remove it.

3. **Click Remove.**

   The folder is removed from the Control Panel.

4. **Click OK to close the Hot Folder Control Panel.**

5. **Locate the Hot Folder on your computer, and make sure the folder does not contain any archived jobs you want to retain.**

   For information about using the subfolders to store archived jobs, see "Customizing Hot Folder settings" on page 8-9.

6. **Delete the folder by dragging it to the Recycle Bin or choosing Delete from the File menu.**

Enabling and disabling Hot Folders

By default, the Hot Folder application continuously monitors all your folders for new jobs. You can choose to disable a folder to prevent it from being monitored. Any jobs you send to a disabled folder remain unrecognized by the Hot Folder application until you enable the folder again.

TO TOGGLE THE ACTIVITY STATE OF A FOLDER

- **In the Hot Folder Control Panel, select the folder you want and click Enable or Disable.**
  or
- **Right-click the Hot folder you want on the desktop. Choose EFI HotFolders > Disable HotFolder or EFI HotFolders > Enable HotFolder from the menu that appears.**
  or
- **Right-click the Hot Folder you want and choose Properties from the menu that appears. Click the EFI Hot Folder tab and select Enable Hot Folder or Disable Hot Folder.**

  Enabled folders are marked with a green state in the Control Panel; disabled folders are marked with a red state.

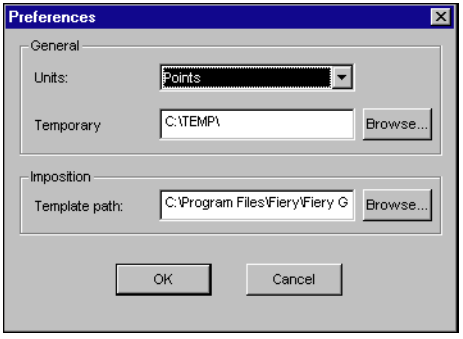
Setting Hot Folder preferences

You can specify several preference settings for the Hot Folder application, including the unit of measurement used for imposition settings, and the default folder location for temporary files and imposition templates.

TO SET PREFERENCES FOR THE HOT FOLDER APPLICATION ON YOUR COMPUTER

1. **Click Preferences in the Hot Folders Control Panel.**

   The Preferences dialog box appears.



2. **To specify the default unit of measurement, choose an option from the Units menu.**

   The default unit of measurement is used for several imposition settings.

3. **To specify a folder location for temporary files created by the Hot Folders application while processing jobs, click Browse, select the folder you want, and then click OK.**

   If you do not specify a location for temporary files, the Hot Folder application uses the system Temp folder by default.

4. **To specify a folder location for imposition templates used by the Hot Folders application, click Browse, select the folder you want, and then click OK.**

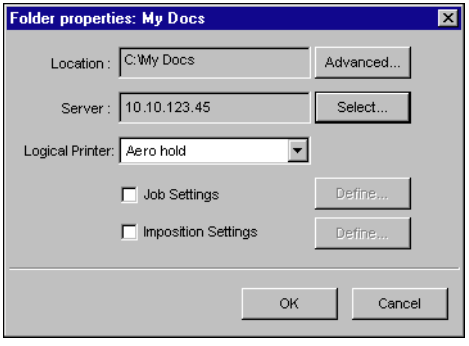
5. **When you are finished setting preferences, click OK.**

Assigning properties to Hot Folders

You can use the Folder Properties dialog box to define the settings associated with each Hot Folder. You can specify the print options, imposition settings, server destination, and queue destination each Hot Folder uses for incoming jobs.

Use any of the following methods to display the Folder properties dialog box:

- Create a new folder using the Hot Folder Control Panel (see page 8-4); the Folder properties dialog box appears.
- In the Hot Folder Control Panel, select the folder you want to edit and click Properties.
- Right-click the Hot Folder you want, and choose EFI HotFolders > Properties from the menu that appears.
- Right-click the Hot Folder you want, and choose Properties from the menu that appears. Click the EFI Hot Folder tab, and then click Configure.



Customizing Hot Folder settings

By default, each Hot Folder you create contains the following subfolders:

Fail Folder—the default location for storing all jobs that fail to process successfully. Problems at the print device might cause a job to fail.

NOTE: The Fail folder is for jobs that the Hot Folder cannot transfer to the server successfully. The Hot Folder will not log the server error of the job if the job fails to print or RIP.

Move Folder—the default location for storing archive copies of all jobs that have been successfully processed; also referred to as the Keep Original Folder in the Folder Settings dialog box.

The file name of the archived job in the Move Folder has additional numbers at the end of the original file name to prevent jobs with the same file name from being overwritten. The 18 digit number at the end of the original file name is the year, date, time, and process id. The process id will increase by one if the user drops in multiple files at the same time.

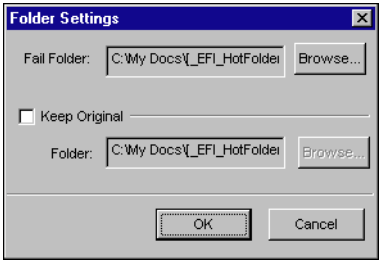
Work Folder—a private folder used by the Hot Folder while processing a print job.

You can instruct the Hot Folder application to store archive copies of job files in the Fail and Move folders. You can also specify alternative folder locations for archive files.

TO ARCHIVE HOT FOLDER JOB FILES

1. **Click Advanced in the Hot Folder Properties dialog box.**

   The Folder Settings dialog box appears.



2. **To specify a different folder location for storing failed jobs, click Browse, select the folder you want, and then click OK.**

3. **To archive successfully processed jobs in the default Move folder, select Keep Original. To specify a different folder location, click Browse, select the folder you want, and click OK.**

   If you clear the Keep Original option, jobs dragged and dropped onto a Hot Folder are deleted from the folder as they are printed.

4. **Click OK.**

Specifying Hot Folder print options

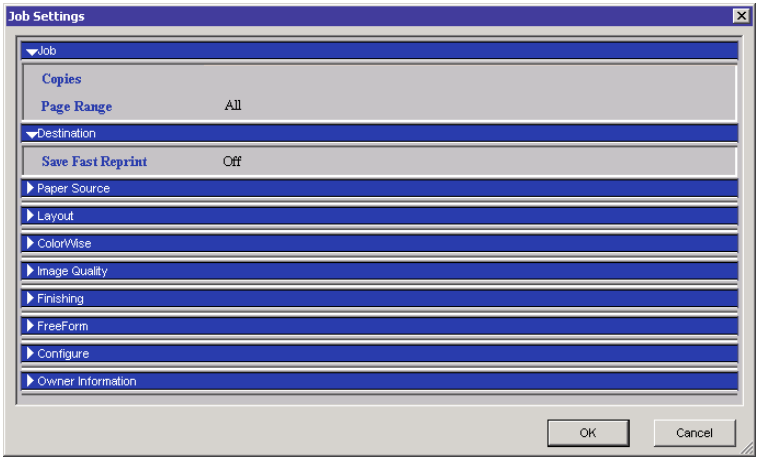
You can assign print options to your Hot Folder as you would to any print job. When you specify print options for a Hot Folder, the print options are assigned to all jobs sent through that Hot Folder. These print options override any default options that may be associated with the destination printer group.

When setting options for a folder assigned to a print job, all options for every print device in the group appear, and some might conflict. For more information on print options, see Appendix A.

NOTE: The direct connection is not supported when setting options for a folder.

TO SET PRINT OPTIONS FOR A HOT FOLDER

1. **To enable print settings, select Job Settings in the Properties dialog box. If necessary, click Define to display the Job Settings dialog box.**



Print options are organized into functional groups. You can expand each group by clicking the corresponding menu bar.

2. **Specify print options by choosing the print option from the appropriate menu.**

3. **Click OK to return to the Properties dialog box.**

Specifying imposition options

If you have the DocBuilder Pro option installed and enabled on the E-820, you can configure the Hot Folder application to apply prebuilt imposition templates to print jobs.

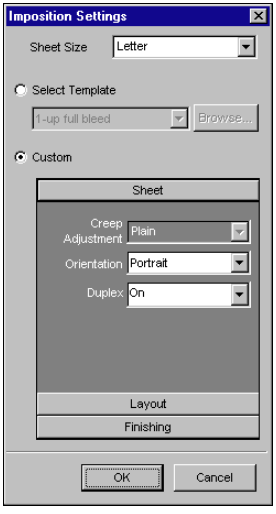
If the settings you want are not provided in the Hot Folders application, you can create a more detailed template using DocBuilder Pro, and apply the template to the Hot Folder. For more information about using DocBuilder Pro, see the *Job Management Guide*.

NOTE: The Direct connection is not supported when setting imposition options for a folder.

TO SPECIFY IMPOSITION OPTIONS

1. **In the Properties dialog box, select Imposition Settings to enable imposition options. If necessary, click Define to display the Imposition Settings dialog box.**

   Imposition settings are only available if you have DocBuilder Pro installed and enabled for the E-820.



2. **To specify the paper size for a print job, choose an option from the Sheet Size menu.**

3. **To use a prebuilt imposition template, select the Select Template option and choose a template from the menu.**

   The Hot Folders application provides a number of default imposition templates. The destination server applies the template imposition settings to your document prior to printing.

4. **To specify custom imposition settings, select Custom.**

5. **Click Sheet, Layout, or Finishing to expand the panel of corresponding settings.**

Panel	Setting	Result
Sheet	Creep Adjustment	Adjusts imageable area of page to compensate for the binder's creep that results from folding multiple sheets in saddle or nested saddle bindings.
	Orientation	Changes layout of sheet to Portrait or Landscape format.
	Duplex	Specifies printing on both the front and back sides of a sheet.
Layout	Rows and Columns	Specifies the number of rows and columns to use when reproducing the image on each sheet for gang-up printing.
	Printer's Marks	Adds marks to indicate where sheets should be cut and folded.
	Horizontal Bleed and Vertical Bleed	Specifies bleed values in pixels for each page.
Finishing	Binding	Specifies binding method, binding edge, and number of pages in each saddle group.
	Gang-up	Specifies style to use for gang-up printing.

6. **Click OK to return to the Properties dialog box.**

NOTE: If print settings specified for a folder do not match imposition settings specified for a prebuilt imposition template, the imposition settings will override the print settings when printing a job from a folder using an imposition template. For example, a job will print on Letter when Letter is specified as Page Size for your choice of imposition template, even if A4 is specified for the folder from which the job is printing.

For detailed information on imposition settings, see the *Job Management Guide*.

Viewing Hot Folder Job Logs

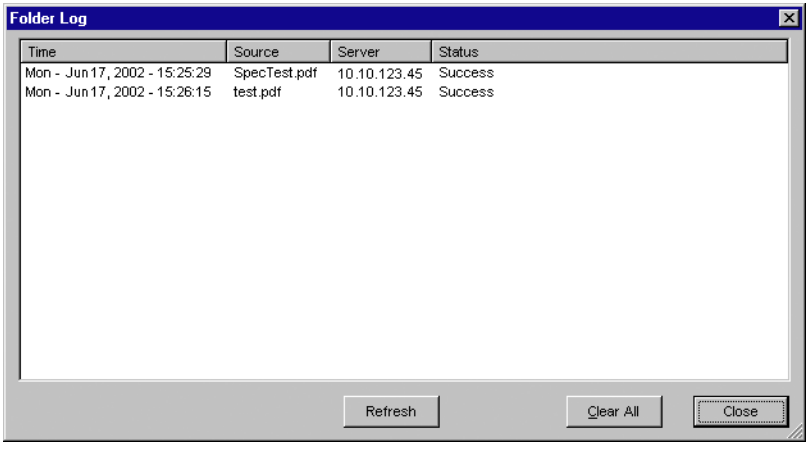
You can view a log of all jobs that have been processed through a Hot Folder.

To view the Job Log for a Hot Folder

1. **In the Hot Folder Control Panel, select the folder for which you want to view the Job Log.**

2. **Click View Log.**

   The Folder Log dialog box appears.



   The Folder Log dialog box displays the following information:

   Time—Indicates the time the job was processed through the Hot Folder.

   Source—Lists the file name of the printed job.

   Server—Displays the name of the server receiving the print job.

   Status—Indicates whether or not the job was printed successfully.

3. **Click Refresh to update the Job Log.**

   The Job Log is not updated in real time. New jobs are logged, but not listed, while the Folder Log dialog box is displayed.

4. **To clear the Job Log, click Clear All.**

Chapter 9: Tracking and Monitoring Jobs

The E-820 user software includes a variety of tools that allow you to track and manage print jobs. Access to some tools is controlled by your site administrator, but other tools are available to all users.

- Command WorkStation, Fiery WebSpooler, and Fiery Spooler all provide the capability to view and control the flow of print jobs to the E-820. If the administrator has set Administrator and Operator passwords in Setup, you must have one of these passwords to perform most Command WorkStation, Fiery WebSpooler, and Fiery Spooler functions. For information on these tools and the access privileges needed to use them, see the *Job Management Guide*.
- WebTools do not require any special access privileges. As long as the administrator has enabled Web Services in Setup and provided users with the IP address of the E-820, anyone can use them.
- Fiery Link, a utility designed to give you up-to-date status on print jobs and connected E-820 servers, is also available to all users.

Accessing Fiery WebTools

Fiery WebTools reside on the E-820's hard disk drive, but can be accessed over the network from a variety of platforms. The E-820 has a home page that allows you to view server functions and manipulate jobs remotely. This chapter describes only the Status and WebLink WebTools.

For information on Fiery WebSpooler, see the *Job Management Guide*. For information on the EFI Fiery WebInstaller, see the *User Software Installation Guide*. For information on WebSetup, see the *Configuration Guide*. For information about WebScan, see Chapter 6. For information about WebDownloader, see Chapter 4

To access WebTools

1. **Start your Internet browser.**

   For information about supported platforms and browsers, see the *User Software Installation Guide*.

2. **Enter the IP address or the DNS name of the E-820.**

   For this information, contact the operator or administrator.

3. **If a Log In dialog box appears, select Guest and click OK.**

   The Log In dialog box appears only if the administrator has set a password. Guest access is sufficient to use the Status and WebLink WebTools as described in this chapter.

4. **When the E-820 home page appears, click to select one of the Fiery WebTools.**

   Move the cursor over the buttons to display information about the selections.

Checking E-820 status with Fiery WebStatus

You can use Fiery WebStatus to see what jobs are currently processing and printing. To access Fiery WebStatus, open the E-820 home page and click Status. The current RIP Status and Printer Status appear in the window.

NOTE: Use Webtools with the recommended resolution. For more information, see the System Requirements in the *Quick Start Guide.*

To open a new browser window for the Status display, click Float. You can then close other browser windows and leave the Status window open to continue checking the status of the E-820. As long as you keep the Status window open, it is dynamically updated.

To obtain more information about the status of jobs, use Fiery WebSpooler, Fiery Spooler, or Command WorkStation, as described in the *Job Management Guide*. You can also use Fiery Link, as described on page 9-3.

Accessing information with WebLink

WebLink on the E-820 home page provides a link to another web page or to multiple web pages, provided you have a valid Internet connection. The administrator at your site can set the WebLink destination. Check your E-820 WebLink for any information available there.

Fiery Link

Fiery Link is designed to provide you with up-to-date status on print jobs and connected servers. It tracks the status of your print jobs and alerts you to errors. For example, you can see how many print jobs are ahead of your job in the queue. Fiery Link also provides information about paper and toner levels. For example, you can check paper size and levels in all trays before sending a job.

NOTE: The information in the Fiery Link window is updated every 20-30 seconds. Double-click the Fiery Link window to see updated information immediately.

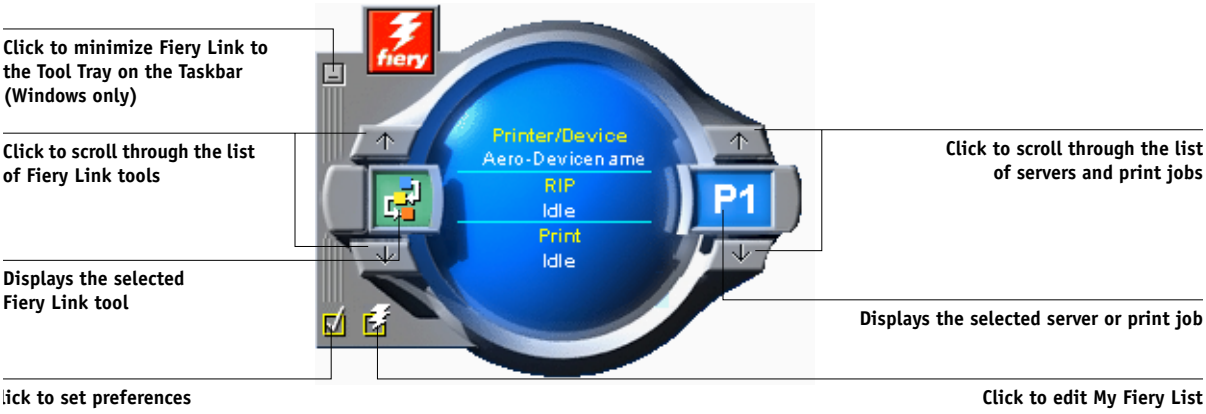
For information on installing and configuring Fiery Link and on supported networking protocols, see the *User Software Installation Guide*.

NOTE: The Windows and Mac OS versions of Fiery Link are fundamentally the same; differences are noted in this section. Where both windows or dialog boxes are illustrated, the Windows version comes first, followed by the Mac OS version.

To begin using Fiery Link

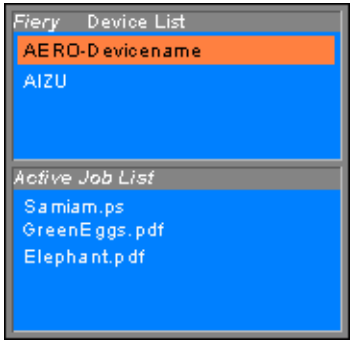
1. **Double-click the Fiery Link icon, or choose Fiery Link from the Start > Programs menu.**

   The main Fiery Link window appears.



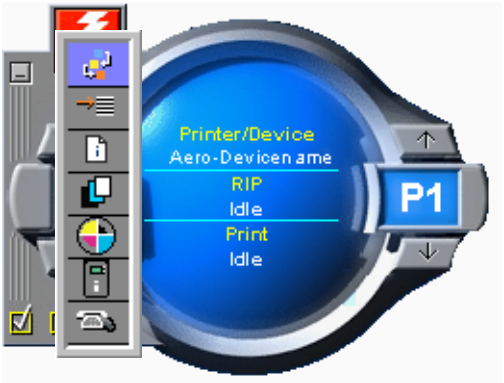
   Note: To exit Fiery Link, press the Alt and F4 keys (Windows) or the Command and Q keys (Mac OS).

2. **Click the currently selected server or print job to display the list of all connected servers or print jobs.**



3. **From this list, select the E-820 or the job about which you want information.**

4. **Click the currently selected Fiery Link tool to display a list of all the tools (shown below), and select a tool.**



Fiery Link tools

Fiery Link includes the following tools you can use to monitor a print job or a connected E-820. You can click the Up and Down arrows to scroll through the Tool List and open each tool in turn in the Fiery Link window.

Icon	Tool	If a print job is selected	If a server is selected
	Status	Displays the job status and number of pages processed.	Displays the status of the server, including any error messages. You can make an error message disappear by clicking the Fiery Link window.
	Queue Position	Displays the number of jobs ahead of the selected job in the queue.	Displays the total number of active jobs queued to print on the server.
	File Info	Lists the file name, when it was sent to the server, the target server, the number of pages, and number of copies.	Lists the server name and connected device, total number of queued jobs, and the number of those jobs sent by the user.
	Input Trays (see below)	Displays the paper levels in all trays of the output device to which the job was printed.	Displays paper levels in all trays of the output device to which the server is connected.
	Toner (see below)	Displays the toner levels of the output device to which the job was printed.	Shows the toner levels of the output device to which the server is connected.

Icon	Tool	If a print job is selected	If a server is selected
	Fiery Info	Lists the model name, amount of memory, processor, and software version of the target server.	Lists the model name, amount of memory, processor, and software version of the server.
	Support	Displays the contact names and information for the target server and the output device.	Displays the contact names and information for the server and the output device.

Input Trays

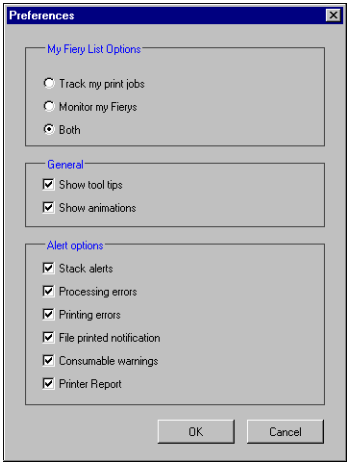
Icons represent the paper level in each tray. A red icon indicates the paper tray is empty, a yellow icon indicates the paper tray is less than half full, and a green icon indicates the paper tray is more than half full. Up and Down arrows allow you to scroll through the available paper trays.

Toner

You can see how much toner your copier has by clicking the Toner tool. A warning appears if the copier is getting low on toner.

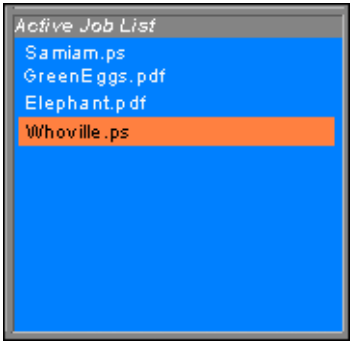
Preferences

Click the Preferences check box in the main window to view the Preferences dialog box.



Setting the My Fiery List Options preferences

You can track print jobs, monitor E-820 servers, or both. If you select Track my print jobs and click the currently selected print job, the Active Job List window appears.



If you select Monitor my Fierys and click the currently selected E-820 server, the Device List appears.

If you select Both and click the currently selected print job or E-820 server, both the Active Job List and Device List appear.

Setting the General and Alert option preferences

You can set the following options for tracking print jobs, monitoring servers, or both:

- Show/hide tool tips
- Show/hide animations
- Enable/disable stack alerts
- Enable/disable processing error notification
- Enable/disable printing error notification
- Enable/disable file printed notification
- Enable/disable consumable warnings notification
- Enable/disable Printer Report

My Fiery List

Select the Fiery check box ( ) in the main window to access the My Fiery List. You can use My Fiery List to specify the E-820 servers you want to monitor using Fiery Link. For information on setting up and changing the My Fiery List, see the *User Software Installation Guide*.

Windows taskbar menu

You can access a menu from the Windows taskbar status area to obtain information about Fiery Link, set some Fiery Link options, or exit the application.

TO ACCESS AND USE THE TASKBAR MENU

1. **Right-click the Fiery Link icon ( ) in the Windows taskbar status area.**
2. **Choose one of the options from the menu.**

Options with check marks are enabled.

3. **Choose About Fiery Link for version information.**

4. **Choose Always on Top to enable or disable the option.**

   If this option is enabled, the Fiery Link window always appears on top of other open windows. If this option is disabled, the Fiery Link window may be hidden by other open windows.

   NOTE: The default setting for Fiery Link is to have Always on Top enabled.

5. **Choose Dock Fiery Link to enable or disable the option.**

   If this option is enabled, the Fiery Link window is automatically repositioned to either the far left or the far right of your screen. If this option is disabled, you can position the Fiery Link window anywhere on the screen.

6. **Choose Exit to exit Fiery Link.**

Chapter 10: Using Fiery E-mail Service

The Fiery E-mail Service allows you to remotely print to and control the E-820 using your current e-mail infrastructure. It allows you to print to remote locations and bypass firewalls. With E-mail Service, you can submit jobs to the E-820 as e-mail attachments.

You can use E-mail Service in the following ways:

- Print using an E-mail Client
- Print using the E-820 E-Mail Port Monitor
- Scan using Scan to E-mail

How Fiery E-mail Service works

In order to use the e-mail services, you must set up E-mail Service as described in the *Configuration Guide*.

To print with an E-mail Client, you send a file as an e-mail attachment, and E-mail Service extracts the file and sends it to the E-820. The e-mail attachment must be a PS or PDF file.

To print using the Fiery E-mail Port Monitor, you must print to a printer connected to the Fiery E-mail Port Monitor. If you have the E-mail Port Monitor set up, your print job is e-mailed to the E-820 when you choose Print from an application. For more information about setting up the E-mail Port Monitor, see the *User Software Installation Guide*.

Fiery E-mail Service also supports Scan to E-mail, a feature that allows you to scan a document and send it to an e-mail address as an attachment or URL. For more information about Scan to E-mail, see Chapter 6.

The E-820 also supports internal address books. Administrators can retrieve, add, delete, and clear addresses from the address books by sending requests via e-mail. For more information about address books, see the *Configuration Guide*.

NOTE: Fiery E-Mail Service will not process .vbs, .exe, or .bat extensions.

Printing using an E-mail Client

You can submit print jobs to the E-820 in the form of an e-mail attachment using your e-mail application. When you send an e-mail with an attachment, E-mail Service extracts the file and sends it to the E-820 Print queue. The file format must be one supported by the E-820.

By default, anyone can print with an E-mail Client, unless the Print address book has been set up by the Administrator. If your e-mail address is not in the Print address book, you cannot send files to the E-820 via e-mail. For more information about address books, see the *Configuration Guide*.

NOTE: The Direct and Hold queues are not supported when using the E-mail Client feature.

NOTE: The following illustrations depict the Microsoft Outlook E-mail application.

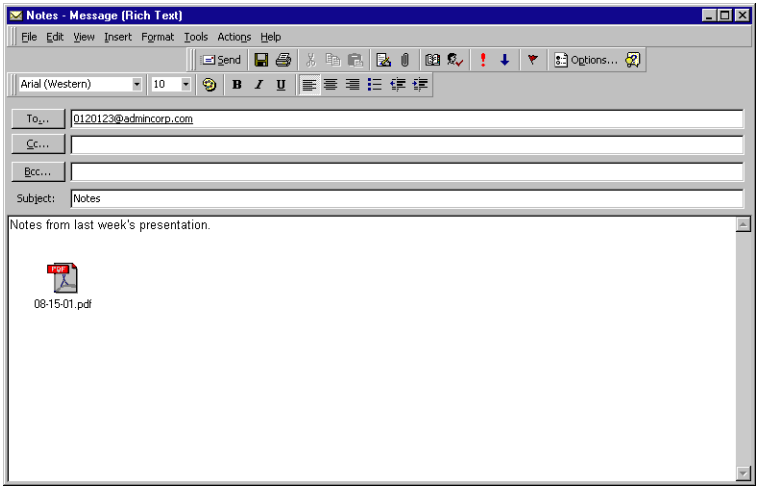
TO PRINT USING AN E-MAIL CLIENT

1. **Open your e-mail application.**
2. **Enter the E-820 e-mail address in the To: line.**
3. **Enter text in the Subject line or leave the Subject line blank.**

4. **Attach the file you want to print in the body of the e-mail.**

   You can enter a additional text in the body of the message, if necessary. The text will also be printed.

   NOTE: If your attachment exceeds the file size limitation set by your e-mail system administrator, the e-mail will not be sent.



5. **Send the e-mail.**

   The file is sent to the E-820 and the job is printed. After the E-820 receives the job, you will receive an e-mail notification that the print job was accepted. The e-mail also provides a job identification (ID). You can use the job IDs to manage jobs with Job Control (see the following section). The e-mail notification indicates any current error at the copier.

   Once the job has been printed, you will receive a second e-mail notification that indicates the job printed successfully.

   To check the status of your job, you can use Job Control to see if the job printed out successfully.

Job Control

You can manage personal jobs when printing by submitting commands to the E-820 via e-mail. You can cancel a job, check job status, and inquire help on a job. Once you send a command, the E-820 returns an e-mail response.

TO MANAGE PRINT JOBS WITH JOB CONTROL

1. **In your e-mail application, enter the E-820 e-mail address in the To: line.**
2. **Enter one of the following Job Control commands in the Subject line.**

   To check the status of a job, enter #JobStatus<job id> in the Subject line.

   You will receive a reply to your job status query. You can only inquire about the status of the job if you sent the job or are an administrator.

   To cancel a job, enter #CancelJob<job id> in the Subject line.

   You will receive a notification indicating that the job has been cancelled and will not print to the E-820. You can only cancel the job if you sent the job or are an administrator.

   To inquire help, enter #Help in the Subject line.

   You will by sent an e-mail response that contains the links that allow you to cancel jobs, check job status, and search and manage address books. Click any of the links to perform a Job Control command.

Printing using the E-mail Port Monitor

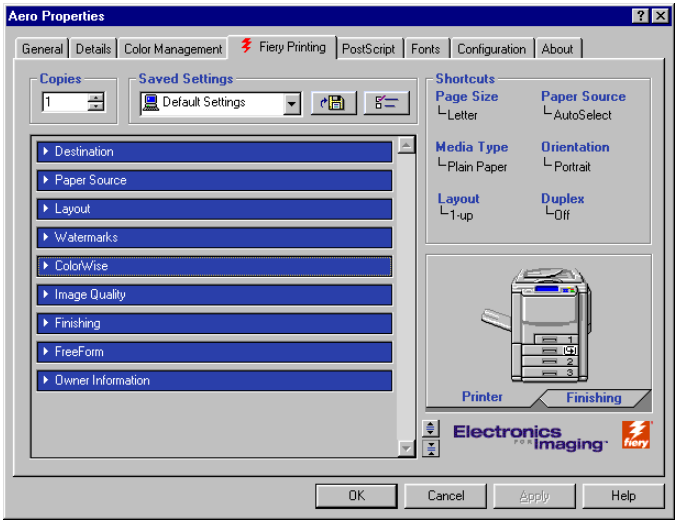
Once you set up the E-mail Port Monitor, you can print using E-mail Service in the same manner as any other printing method. No additional steps are necessary.

NOTE: The E-mail Port Monitor is only supported on Windows OS.

NOTE: The Direct connection is not supported when printing with E-mail Port Monitor.

TO PRINT USING THE FIERY E-MAIL PORT MONITOR

1. **Choose Print in your application.**
2. **Make sure the E-820 is selected as your printer and you have set up the E-mail Port Monitor for the E-820.**
3. **Click Properties.**
4. **Click the Fiery Printing tab.**



5. **Set the print options and click OK.**

   To set options using the printer driver, see "Setting options and printing from Windows computers" on page 1-1.

   Your job is sent to the E-820.

   NOTE: If the attachment exceeds the file size limitation set in your application, the attachment may be broken into several messages.

Printing the E-mail Log

When the E-mail server is down, the data sent to the Client might not appear. You can print the E-mail Log to see the data sent to the Client using the E-820 Control Panel or Command WorkStation. For more information about printing information pages such as the E-mail log in Command WorkStation, see the *Job Management Guide*.

TO CHECK THE E-MAIL LOG USING THE E-820 CONTROL PANEL

1. **Press the Menu button on the Control Panel to display the Functions menu.**
2. **Choose Print Pages, and then choose E-mail Log.**

Appendix A: Print Options

Print options give you access to the special features of your copier and E-820. Print options can be specified in several places—in E-820 Setup, or from the printing application, Fiery Downloader, ColorWise Pro Tools, Command WorkStation, Fiery WebSpooler, or Fiery Spooler. The table in this appendix briefly describes each print option, gives its default setting, and provides information on any constraints or requirements in effect.

About printer drivers and printer description files

The E-820 receives files from computers on the network, processes (RIPs) them, and then sends them to the copier. Windows and Mac OS computers communicate with the E-820 by means of a printer driver and printer description (PPD) files. The driver allows you to use special features of the E-820 from the Print dialog box.

A printer driver manages printing communication between your application and the printer. It interprets the instructions generated by the application, merges those instructions with printer-specific options you specify, and translates all information into PostScript, a language the printer understands. In other words, the printer driver writes a PostScript file based on your original file and the options you set from the Print dialog box.

A printer driver also allows you to select print options for your copier. To do this, the printer driver must be matched with a PPD file for your E-820. A PPD file contains information about the features and capabilities of a particular device (for example, what paper sizes and media types are supported). The printer driver reads the information in this file and presents that information to you in the form of options you can choose from the Print dialog box.

For information on the specific print options for the E-820, see the table on page A-2.

Where to set print options

- During Setup

  Some settings are specified during Setup by the administrator. For information on the current default server settings, contact the administrator or the operator.

- From applications

  With the Adobe PostScript printer drivers, you can specify job settings when you print a job. For information about specifying job settings from applications, see Chapter 1 and Chapter 2.

- From Fiery Downloader

  Only a few settings—Copies, Page Range (for PDF files only), and Brightness (for PostScript and EPS files only)—can be specified when printing jobs with Fiery Downloader. To change options in Fiery Downloader, select a job in the Files to be Downloaded (Windows) or Files to Download (Mac OS) list and click Options. For more information, see Chapter 4.

- From ColorWise Pro Tools

  You can set the default CMYK Simulation Profile, CMYK Simulation Method, RGB Source Profile, RGB Separation, Output Profile, Rendering Style, Spot Color Matching, Pure Black Text/Graphics, and Black Overprint settings. For more information on using ColorWise Pro Tools, see the *Color Guide*.

- Overrides from Command WorkStation, Fiery WebSpooler, and Fiery Spooler

  To change job settings from Command WorkStation, double-click a job to display the Properties dialog box. To change job settings from Fiery WebSpooler and Fiery Spooler, double-click a job to display the Override Print Settings dialog box. For more information, see the *Job Management Guide*.

Print option override hierarchy

The override hierarchy is as follows:

- A user's printer driver settings override the E-820 Setup and ColorWise Pro Tools settings.
- Settings made from Command WorkStation, Fiery WebSpooler, or Fiery Spooler override the user's printer driver settings.

Default settings

In the following table, underlined settings in the Option and settings column indicate default printer driver settings (PPD defaults). If you do not use the printer driver interface to configure a particular option, the E-820 prints the job with the underlined setting.

For options that can be configured in Setup from the Control Panel, Command WorkStation, WebSetup, or ColorWise Pro Tools, choosing Printer's default results in the E-820 printing the job with the Setup setting specified. For options that cannot be configured in Setup, the E-820 prints the job with a pre-configured Printer's default setting. For more information, see the Requirements, constraints, and information column.

To determine the current Setup defaults, print the Configuration page from Command WorkStation or the E-820 Control Panel.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Auto Trapping **Printer's default /Off/On**	Specify whether the job should automatically trap text and graphics independently of their application.	This option is available as part of the Fiery Graphic Arts Package .
Black Overprint **Printer's default/Off/On**	Select Off to print black text with knockouts. Select On to overprint black text.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Color Mode to access this option. If this option is set to On, the Combine Separations option must be set to Off. Setting this option to On automatically sets the Pure Black Text/Graphics option to On. For more information, see the *Color Guide*.
Brightness **Printer's default/85% Lightest/90% Lighter/95% Light/ 100% Normal/105% Dark/ 110% Darker/115% Darkest**	Select 85% for a substantially lighter image, 115% for a substantially darker image, or use one of the settings in between.	The Printer's default setting reflects the setting specified in E-820 Setup.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
CMYK Simulation Method **Printer's default/Quick/Full (Source GCR)/ Full (Output GCR)**	Select Quick to use one-dimensional transfer curves to adjust density output of individual color channels. Select Full (Source GCR) for a more complete and accurate simulation by applying colorimetric transformations that adjust hue as well as output density. This option produces output that maintains the same amount of black as the source document. Select Full (Output GCR) to apply the same simulation method as Full (Source GCR), except that the output produced contains a black amount determined by the output profile.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the *Color Guide*.
CMYK Simulation Profile **Printer's default/SWOP-Coated/ DIC/Euroscale/Simulation-1/ Simulation-2/Simulation-3/ Simulation-4/Simulation-5/ Simulation-6/Simulation-7/ Simulation-8/Simulation-9/ Simulation-10/None/Match Copy**	Specify the simulation goal to be used for the current print job.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows 9x/Me and Windows NT 4.0, choose Expert Color as the Color Mode to access this option. For more information, see the *Color Guide*.
Color Mode **CMYK/Grayscale** **(from the Mac OS driver)** **OR** **Print Mode** **Standard Color/Expert Color/Grayscale** **(from the Windows drivers)**	Specify the color mode for the current print job. Select CMYK, Standard Color, or Expert Color for a full-color document. Select Grayscale for a grayscale or black-and-white document.	The Printer's default setting reflects the setting specified in E-820 Setup. The options differ depending on which driver you use. For Windows, you must choose Expert Color to set other color print options, including Pure Black Text/Graphics.
Combine Separations **Off/On**	When printing separations from a desktop publishing application: Select On to combine separations on a single page. Select Off to view separations as four individual black-and-white pages, each representing one color plate.	For more information, see the *Color Guide*.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Copies **1-999**	Specify the number of copies of the job to print.	Do not enter a value greater than 999.
Create Master **None/1-15**	To create a FreeForm master from this job, specify a number to assign to the FreeForm master file.	For more information, see page 5-2. Command WorkStation allows you to select up to 100 FreeForm Masters.
Dithering **Auto/Text/Photos**	Select Letter if the file contains detailed drawings and small text. Select Photo if the file is a photograph. Select Auto if the file is a combination of text and photographs.	
Duplex **Off/Side Binding/Top Binding**	Select Off for simplex (single-sided) printing. Select Side Binding for duplex (double-sided) printing with both sides using the same top edge. Select Top Binding for duplex printing with the back side upside down	For more information on duplex printing, see page A-11.
Group Name	If Printing Groups is enabled, the E-820 Administrator has assigned users to print groups, and passwords to each group. Enter the appropriate Group Name for the print job.	
Group Password	If Printing Groups is enabled, the E-820 Administrator has assigned users to print groups, and passwords to each group. Enter the appropriate Group Password for the print job.	
Halftone Screen **Printer's default/Contone/Newsprint/ Application Defined/User Defined Screen1/User Defined Screen 2/User Defined Screen 3**	Specify the screening method for your print job.	This option is available as part of the Fiery Graphic Arts Package. Halftone definition is set in E-820 Setup. For more information, see the *Configuration Guide*.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Image Smoothing **Printer's default/Off/On/Below 90 ppi/Below 150 ppi/Below 200 ppi/Below 300 ppi**	Select On to minimize grainy output when printing low-resolution images.	This option is effective only for images having a resolution of 100 pixels per inch (ppi) or below. If you create an EPS file in Photoshop, the settings specified from PhotoShop will take effect.
Instructions	Enter instructions for the operator about the job.	
Landscape **Yes/No**	Specify if you will be printing on landscape-oriented paper.	This option is only available from Windows 2000/XP and Mac OS. For Windows 9x/Me and Windows NT 4.0, use the Orientation option.
Media Type **Plain Paper/Transparency/Thick Paper/Extra Thick Paper**	Specify the media type to use for the entire job.	Select Transparency if you will be printing on transparencies. The Transparency setting is only supported with the Manual Feed tray.
Notes	Enter information about the job.	The Notes 1 field has a 32-character limit.
Orientation **Portrait/Landscape**	Specify the orientation of the document. Select Landscape to rotate the pages of a landscape-oriented job 180 degrees.	
(Other) Gamma **Printer's default/1.0/1.2/1.4/1.6/1.8/2.0/2.2/2.4/2.6/2.8/3.0**	Specify a source gamma value for printing RGB images, objects, and text.	Setting this option to Printer's default produces the same result as the 2.2 setting. For more information, see the *Color Guide*.
(Other) Phosphors **Printer's default/Hitachi EBU/Hitachi-Ikegami/NTSC/Radius Pivot/SMPTE/Trinitron**	Specify a source phosphors value for printing RGB images, objects, and text.	The Printer's default setting produces the same result as the SMPTE setting. For more information, see the *Color Guide*

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
(Other) White Point **Printer's default/5000 K (D50)/ 5500 K/6500 K (D65)/7500 K/9300 K**	Specify a source white point value for printing RGB images, objects, and text.	The Printer's default setting produces the same result as the 5000K setting. For more information, see the *Color Guide*.
Optimize PowerPoint **Printer's default/Off/On**	Select On when printing PowerPoint files to the E-820.	Selecting On can reduce the processing time for PowerPoint print jobs. **NOTE:** Selecting On may only provide subtle differences in processing time.
Output Profile **Printer's default/Output-1/Output-2/ Output-3/Output-4/Output-5/ Output-6/Output-7/Output-8/ Output-9/Output-10**	Specify the output profile to use for the current print job.	The Printer's default setting reflects the setting specified in ColorWise Pro Tools. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the *Color Guide*.
Page Order **Printer's default/Forward/Reverse**	Select Forward to print the pages of your job from first to last. Select Reverse to print the pages of your job from last to first.	The Printer's default setting reflects the setting specified in E-820 Setup. **NOTE:** If you set Page Order to Reverse and print a job with more than 1000 pages, or a job that is too large to be saved to the E-820's memory and disk (based on currently available space), then the job might print in sections that have to be manually rearranged after printing. For example, if you print a 1500-page document in reverse order, the E-820 might divide the job into two portions, first printing pages 1000 to page 1, and then pages 1500 to page 1001.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Page Size **Letter/ A4/Legal/11x17/A3/A5/A5 SEF/A6 SEF/Legal 13/Letter SEF/A4 SEF/B4/B5/B5 SEF/B6 SEF/Postcard (100x148mm)/Double Postcard/12x18/13x19/8.5x5.5/ PostScript Custom Page Size/Statement/Tabloid**	Specify the size of the paper on which to print the document.	
Paper Simulation **No/ Yes**	Specify if you want to adjust the color according to the shade of the paper stock used as printable CMYK values in the output color space.	This option is available as part of the Graphic Arts Package. Selecting On with Copier Mode set to Auto 2 might conflict with the Paper Simulation setting.
Paper Source **AutoSelect/Tray 1/Tray 2/ Tray 3/ Manual Feed/Manual Duplex/LCT**	Specify the paper tray to use for your job.	The AutoSelect setting automatically selects the tray containing the paper size specified for the job. If you select Manual Feed or Manual Duplex, you must load the appropriate paper in the Manual Feed tray and select the correct paper size for the print job. Otherwise a paper jam might occur.
Pure Black Text/Graphics **Printer's default/Off/On**	Select Off to print black text and graphics as a four-color black using C, M, Y, and K toner, and to use normal PostScript rendering. Select On to print black text and graphics as a one-color black, using 100% black toner only.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Print Mode to access this option. This option is automatically set to On if the Black Overprint option is set to On. For more information, see the *Color Guide*.
Remove White PPT Background **No/Yes**	Select Yes when using PowerPoint to create variable data in conjunction with FreeForm.	This option is available from Command WorkStation, Fiery WebSpooler, or Fiery Spooler only.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Rendering Style **Printer's default/Photographic/ Presentation/Relative Colorimetric/ Absolute Colorimetric**	Specify a default color rendering dictionary (CRD) to use when you print RGB images, objects, and text.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the *Color Guide*.
RGB Separation **Printer's default/Output/Simulation**	Select Output for RGB jobs you are printing to the final output device. Select Simulation for RGB jobs for which you want to simulate an output device other than the device you are printing to.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Color Mode to access this option.
RGB Source Profile **Printer's default/EFIRGB/sRGB (PC)/ Apple Standard/Other/Source-1/ Source-2/Source-3/Source-4/Source-5/ Source-6/Source-7/Source-8/Source-9/ Source-10/None**	Specify a source color space definition for printing RGB images, objects, and text.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the *Color Guide*.
Rotate 180 **Yes/No**	Specify if you want to rotate the pages of your job 180 degrees.	This option is only available from Mac OS and Windows 2000/XP. For Windows 9x/Me/NT, use the Orientation option. Depending on the application you are using, your landscape job might print with the incorrect orientation; if this occurs, or if you select a Stapler Mode (other than Off) and the staple is inserted in the wrong place, select Yes.
Save Fast Reprint **Off/On**	Specify whether to save a job's raster data to disk after printing, so the data will be available later for reprinting (without reRIPping).	With this option set to On, all print option settings remain with the saved raster data each time the job is reprinted. To print the job with new print option settings, you must remove the raster data and reRIP the job.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Scale **25-400%** **100%**	Specify a scaling override for your print job.	This option is available only as an override from Fiery WebSpooler, Fiery Spooler, and Command WorkStation. For more information, see page A-12. **NOTE:** This option is *not* the same as the Scale option available from the printer driver.
Slip Sheet **On/Off**	Specify whether to insert a slip sheet between copies of multiple-copy jobs.	To use this option, your Media Type must be set to Transparency and Paper Source must be set to Manual Feed.
Sorter Mode **Collate/ Sort/Stack/Off**	Specify how to output multiple-page/multiple-copy jobs.	For information, see page A-12.
Spot Color Matching **Printer's default/Off/On**	Select Off to print specified PANTONE colors in your job using the current CMYK Simulation and CMYK Simulation Method. Select On to activate the PANTONE Lookup Table. The E-820 prints specified PANTONE colors in your job by matching the CMYK print blend to the same color from the PANTONE library.	The Printer's default setting reflects the setting specified in E-820 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the *Color Guide*.
Stapler Mode **Off/Top Left/Top Right/Two Centers**	Specify how to staple multiple-page/multiple-copy jobs.	
Tray Alignment **Printer's default/Enable/Disable**	Specify if you want to enable tray alignment.	If you enable, the Paper Source cannot be set to AutoSelect at the copier. For more information, see the *Job Management Guide*.
Toner Reduction **On/Off/Printer's default**	Select On you want the Toner Reduction On to conserve the amount of toner used when printing a job.	For more information on Toner Reduction values, see page A-12 and the *Color Guide*.
Use Master **None/1-15**	For variable data print jobs, specify a FreeForm master number to be used for the job.	For more information, see page 5-2. Command Workstation allows you to select up to 100 FreeForm Masters.

More about print options

The following sections provide additional information about print options. For more information on the settings, requirements, and constraints in effect for these options, see the preceding table.

Duplex

All duplex printing features are available only with plain paper media type.

TO PRINT DUPLEX PAGES

1. **Choose Print in your application and locate the Duplex print option.**

   The location of E-820 print options varies, depending on the printer driver you are using.

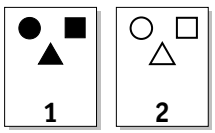
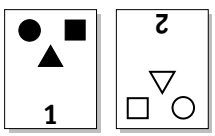
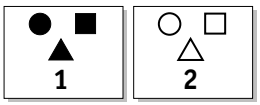
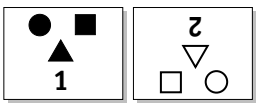
2. **Choose one of the Duplex settings:**

   Side Binding—Prints the top of the image on Side 1, on the same edge of the page as the top of the image on Side 2.

   Top Binding—Prints the top of the image on Side 1, on the opposite edge of the page from the top of the image on Side 2.

   NOTE: For a landscape-oriented job, set the Landscape print option to Yes.

   The following table shows how the Duplex settings correspond to printed output:

	Side Binding	Top Binding
Portrait		
Landscape		

Media Type

The Media Type option allows you to select the type of media for loading into the selected tray. For more information on media types, see the copier documentation for paper specifications.

Paper Source

If you choose the Auto Select setting, the copier prints from any tray containing the paper size necessary for the job. This setting also allows the copier to automatically switch between trays, if the current tray becomes empty, while continuing to print.

Scale

The operator can specify a scaling override from Fiery Spooler or Fiery WebSpooler, but the override is applied to any scaling value already set in the active job. For example, if a user sends a job with a scaling value of 50% and the operator specifies a Scale override of 200%, the job is printed at 100% of the original document size, that is, 50% of 200%.

Sorter Mode

Sorting is supported on color copiers with a sorter/stapler unit attached.

Off—Copies of a complete job are uncollated and output into the top tray.

Collate—Copies of a complete job are collated and output into the top tray.

Sort—Copies of a complete job are sorted and output into one of 20 bins, arranged in page order.

NOTE: The sorter has 20 bins. If you send more than 20 sets of copies to the sorter, the excess sets of copies (copies 21 and up) will not print. In order to print more than 20 sets of copies to the sorter, remove the paper from the output bins and resend the remaining copies of the job.

Stack—Copies of a complete job are output into one of 20 bins, with all copies of the same page grouped together in each separate bin.

Toner Reduction

The Toner Reduction option minimizes the amount of toner used when printing a job. When the Toner Reduction is set to On, the toner reduction level is set to 250%. When the Toner Reduction is set to Off, the Toner Reduction is set to 300%. For more information, see the *Color Guide*.

Appendix B: Font List

This appendix lists the built-in printer fonts included with your E-820.

PostScript printer fonts

The following table lists the 136 built-in PostScript printer fonts on the E-820. In addition to these fonts, two Adobe Multiple Master fonts are included and used for font substitution in PDF files.

NOTE: For Mac OS computers, install the corresponding screen fonts from the User Software CD. For instructions, see the *User Software Installation Guide*.

Adobe Type 1 fonts

The E-820 includes 126 Adobe Type 1 fonts:

- The Mac OS column lists the name as it appears on the Font menu on a Mac OS computer. For example, in most applications, to use "Bodoni-Bold," choose Bodoni Bold from the Font menu.
- The Windows menu name is the name as it appears on the Font menu on a Windows computer. The style refers to the style that must be selected in the application to access the particular PostScript font. For example, to use "Bodoni-Bold," choose Bodoni from the Font menu and Bold from the Style menu.

PostScript name	Mac OS menu name	Windows menu name, style
AlbertusMT-Light	Albertus MT Lt	Albertus MT Lt
AlbertusMT	Albertus MT	Albertus MT
AlbertusMT-Italic	Albertus MT It	Albertus MT, Italic
AntiqueOlive-Roman	Antique Olive Roman	Antique Olive Roman
AntiqueOlive-Bold	Antique Olive Bold	Antique Olive Roman, Bold
AntiqueOlive-Italic	Antique Olive Italic	Antique Olive Roman, Italic
AntiqueOlive-Compact	Antique Olive Compact	Antique Olive Compact
Arial-BoldItalicMT	Arial Bold Italic	Arial, Bold Italic
Arial-BoldMT	Arial Bold	Arial, Bold
Arial-ItalicMT	Arial Italic	Arial, Italic
ArialMT	Arial	Arial

PostScript name	Mac OS menu name	Windows menu name, style
AvantGarde-Book	Avant Garde	AvantGarde
AvantGarde-Demi	Avant Garde Demi	AvantGarde, Bold
AvantGarde-BookOblique	Avant Garde BookOblique	AvantGarde, Italic
AvantGarde-DemiOblique	Avant Garde DemiOblique	AvantGarde, Bold Italic
Bodoni	Bodoni	Bodoni
Bodoni-Bold	Bodoni Bold	Bodoni, Bold
Bodoni-Italic	Bodoni Italic	Bodoni, Italic
Bodoni-BoldItalic	Bodoni BoldItalic	Bodoni, Bold Italic
Bodoni-Poster	Bodoni Poster	Bodoni Poster
Bodoni-PosterCompressed	Bodoni PosterCompressed	Bodoni PosterCompressed
Bookman-Light	Bookman	Bookman
Bookman-Demi	Bookman Demi	Bookman, Bold
Bookman-LightItalic	Bookman LightItalic	Bookman, Italic
Bookman-DemiItalic	Bookman DemiItalic	Bookman, Bold Italic
Carta	Carta	Carta
Clarendon-Light	Clarendon Light	Clarendon Light
Clarendon	Clarendon	Clarendon
Clarendon-Bold	Clarendon Bold	Clarendon, Bold
CooperBlack	Cooper Black	Cooper Black
CooperBlack-Italic	Cooper Black Italic	Cooper Black, Italic
Copperplate-ThirtyThreeBC	Copperplate33bc	Copperplate33bc
Copperplate-ThirtyTwoBC	Copperplate32bc	Copperplate32bc
Coronet	Coronet	Coronet
Courier	Courier	Courier
Courier-Bold	Courier Bold	Courier, Bold
Courier-Oblique	Courier Oblique	Courier, Italic
Courier-BoldOblique	Courier BoldOblique	Courier, Bold Italic
Eurostile	Eurostile	Eurostile
Eurostile-Bold	Eurostile Bold	Eurostile Bold
Eurostile-ExtendedTwo	Eurostile ExtendedTwo	Eurostile ExtendedTwo
Eurostile-BoldExtendedTwo	Eurostile BoldExtendedTwo	Eurostile ExtendedTwo, Bold

PostScript name	Mac OS menu name	Windows menu name, style
GillSans	GillSans	GillSans
GillSans-Bold	GillSans Bold	GillSans, Bold
GillSans-Italic	GillSans Italic	GillSans, Italic
GillSans-BoldItalic	GillSans BoldItalic	GillSans, Bold Italic
GillSans-Light	GillSans Light	GillSans Light
GillSans-LightItalic	GillSans LightItalic	GillSans Light, Italic
GillSans-Condensed	GillSans Condensed	GillSans Condensed
GillSans-BoldCondensed	GillSans BoldCondensed	GillSans Condensed, Bold
GillSans-ExtraBold	GillSans ExtraBold	GillSans ExtraBold
Goudy	Goudy	Goudy
Goudy-Bold	Goudy Bold	Goudy, Bold
Goudy-Italic	Goudy Italic	Goudy, Italic
Goudy-BoldItalic	Goudy BoldItalic	Goudy, Bold Italic
Goudy-ExtraBold	Goudy ExtraBold	Goudy ExtraBold
Helvetica	Helvetica	Helvetica
Helvetica-Bold	Helvetica Bold	Helvetica, Bold
Helvetica-Oblique	Helvetica Oblique	Helvetica, Italic
Helvetica-BoldOblique	Helvetica BoldOblique	Helvetica, Bold Italic
Helvetica-Narrow	Helvetica Narrow	Helvetica-Narrow
Helvetica-Narrow-Bold	Helvetica Narrow Bold	Helvetica-Narrow, Bold
Helvetica-Narrow-Oblique	Helvetica Narrow Oblique	Helvetica-Narrow, Italic
Helvetica-Narrow-BoldOblique	Helvetica Narrow BoldObl	Helvetica-Narrow, Bold Italic
Helvetica-Condensed	Helvetica Condensed	Helvetica Condensed
Helvetica-Condensed-Bold	Helvetica CondensedBold	Helvetica Condensed, Bold
Helvetica-Condensed-Oblique	Helvetica CondensedOblique	Helvetica Condensed, Italic
Helvetica-Condensed-BoldObl	Helvetica CondensedBoldObl	Helvetica Condensed, Bold Italic
HoeflerText-Ornaments	Hoefler Text Ornaments	Hoefler Text Ornaments
JoannaMT	Joanna MT	Joanna MT
JoannaMT-Bold	Joanna MT Bd	Joanna MT, Bold

PostScript name	Mac OS menu name	Windows menu name, style
JoannaMT-Italic	Joanna MT It	Joanna MT, Italic
JoannaMT-BoldItalic	Joanna MT Bd It	Joanna MT, Bold Italic
LetterGothic	Letter Gothic	Letter Gothic
LetterGothic-Bold	Letter Gothic Bold	Letter Gothic, Bold
LetterGothic-Slanted	Letter Gothic Slanted	Letter Gothic, Italic
LetterGothic-BoldSlanted	Letter Gothic BoldSlanted	Letter Gothic, Bold Italic
LubalinGraph-Book	Lubalin Graph	LubalinGraph
LubalinGraph-Demi	Lubalin Graph Demi	LubalinGraph, Bold
LubalinGraph-BookOblique	Lubalin Graph BookOblique	LubalinGraph, Italic
LubalinGraph-DemiOblique	Lubalin Graph DemiOblique	LubalinGraph, Bold Italic
Marigold	Marigold	Marigold
MonaLisa-Recut	Mona Lisa Recut	Mona Lisa Recut
NewCenturySchlbk-Roman	New Century Schlbk	NewCenturySchlbk
NewCenturySchlbk-Bold	New Century Schlbk Bold	NewCenturySchlbk, Bold
NewCenturySchlbk-Italic	New Century Schlbk Italic	NewCenturySchlbk, Italic
NewCenturySchlbk-BoldItalic	New Century Schlbk BoldIt	NewCenturySchlbk, Bold Italic
Optima	Optima	Optima
Optima-Bold	Optima Bold	Optima, Bold
Optima-Italic	Optima Italic	Optima, Italic
Optima-BoldItalic	Optima BoldItalic	Optima, Bold Italic
Oxford	Oxford	Oxford
Palatino-Roman	Palatino	Palatino
Palatino-Bold	Palatino Bold	Palatino, Bold
Palatino-Italic	Palatino Italic	Palatino, Italic
Palatino-BoldItalic	Palatino BoldItalic	Palatino, Bold Italic
StempelGaramond-Roman	StempelGaramond Roman	StempelGaramond Roman
StempelGaramond-Bold	StempelGaramond Bold	StempelGaramond Roman, Bold
StempelGaramond-Italic	StempelGaramond Italic	StempelGaramond Roman, Italic
StempelGaramond-BoldItalic	StempelGaramond BoldItalic	StempelGaramond Roman, Bold Italic

PostScript name	Mac OS menu name	Windows menu name, style
Symbol	Symbol	Symbol
Tekton	Tekton	Tekton
Times-Roman	Times	Times
Times-Bold	Times Bold	Times, Bold
Times-Italic	Times Italic	Times, Italic
Times-BoldItalic	Times BoldItalic	Times, Bold Italic
TimesNewRomanPS-BoldMT	Times New Roman Bold	Times New Roman, Bold
TimesNewRomanPS-BoldItalicMT	Times New Roman Bold Italic	Times New Roman, Bold Italic
TimesNewRomanPS-ItalicMT	Times New Roman Italic	Times New Roman, Italic
TimesNewRomanPSMT	Times New Roman	Times New Roman
Univers-Extended	Univers Extended	Univers Extended
Univers-BoldExt	Univers BoldExt	Univers Extended, Bold
Univers-ExtendedObl	Univers ExtendedObl	Univers Extended, Italic
Univers-BoldExtObl	Univers BoldExtObl	Univers Extended, Bold Italic
Univers-Light	Univers 45 Light	Univers 45 Light
Univers-Bold	Univers 65 Bold	Univers 45 Light, Bold
Univers-LightOblique	Univers 45 LightOblique	Univers 45 Light, Italic
Univers-BoldOblique	Univers 65 BoldOblique	Univers 45 Light, Bold Italic
Univers	Univers 55	Univers 55
Univers-Oblique	Univers 55 Oblique	Univers 55, Italic
Univers-CondensedBold	Univers 67 CondensedBold	Univers 47 CondensedLight, Bold
Univers-CondensedBoldOblique	Univers 67 CondensedBoldObl	Univers 47 CondensedLight, Bold Italic
Univers-Condensed	Univers 57 Condensed	Univers 57 Condensed
Univers-CondensedOblique	Univers 57 CondensedOblique	Univers 57 Condensed, Italic
ZapfChancery-MediumItalic	Zapf Chancery	ZapfChancery
ZapfDingbats	Zapf Dingbats	ZapfDingbats

TrueType fonts

The E-820 includes 10 TrueType fonts:

PostScript name	Mac OS menu name	Windows menu name, style
Apple-Chancery	Apple Chancery	Apple Chancery
Chicago	Chicago	Chicago
Geneva	Geneva	Geneva
HoeflerText-Black	Hoefler Text Black	Hoefler Text Black
HoeflerText-BlackItalic	Hoefler Text Black	Hoefler Text Black, Italic
HoeflerText-Italic	Hoefler Text	Hoefler Text, Italic
HoeflerText-Regular	Hoefler Text	Hoefler Text
Monaco	Monaco	Monaco
New York	New York	New York
Wingdings-Regular	Wingdings	Wingdings

Appendix C: Troubleshooting

This appendix provides troubleshooting tips.

Maintaining optimal system performance

The E-820 does not require maintenance. Beyond the routine requirements of servicing and maintaining the copier and replenishing consumables, you can improve the overall performance of your system by doing the following:

- Check job ticket information carefully before printing.

  Print jobs with the same output and paper specifications together, to minimize paper changes. Also, print routine jobs while you prepare to print jobs with special instructions or special media.

- Reduce unnecessary server connections to Command WorkStation.

  If you use a second or third E-820 on an occasional basis, you can improve performance by logging off when those systems are not in use.

- Avoid printing with the E-820 "Disk full" warning.

  If you see this warning, delete jobs that are not likely to be reused. Avoid this condition by deleting old jobs on a regular basis. The date associated with a job is the original date it was sent.

Troubleshooting

This section provides some troubleshooting guidelines should a problem arise. If you are unable to resolve a problem after referring to this section, contact your site operator or administrator. Also, make sure there are no applications installed on the E-820, with the exception of the E-820 utilities from the User Software CD. Applications other than the E-820 utilities are not supported and can cause system problems.

General printing problems

If this happens	Try this
You cannot connect to the E-820.	• **Make sure the E-820 is not being calibrated from the Control Panel.** If the E-820 is being calibrated from the Control Panel, you can select it in the Chooser, but you cannot connect to it. This ensures that only one person is calibrating the E-820 at any time and that print jobs do not use unexpected calibration.
You cannot select or view one of the queues.	• **Request that your system administrator enable the queue in Setup.**
You cannot connect to the E-820 from a Windows computer with Command WorkStation or the Fiery utilities.	• **Make sure the connection is configured correctly.** For instructions, see the *User Software Installation Guide*.
Printing seems to take too long.	• **Print to a queue instead of to the Direct connection.** When you print to a queue, the job is stored on the E-820 until it can be processed and printed; when you print to the Direct connection, the job cannot be sent to the E-820 until the previous job is finished processing, so you must wait longer to use your computer.
One or more Media Type options are dimmed.	• **Select a Paper Source that supports the Media Type you are using.** For information on requirements and constraints pertaining to special papers and transparencies, see Appendix A.

If this happens	Try this
The E-820 does not respond to a Print command.	• **Make sure the copier was not disconnected.** If the administrator or operator has selected Suspend Printing on the E-820 Control Panel or Command WorkStation to interrupt printing, your print job will not resume until someone selects Resume Printing from the Functions menu on the Control Panel or clicks the function key on Command WorkStation. • **Make sure the E-820 is selected as the current copier.** Before printing, you must select the E-820 as the current printer from your Windows computer, Mac OS computer, or UNIX workstation. • **Make sure the copier is switched on.** Someone may have turned the copier off, or the Power Saver mode function may have engaged. Even with the copier off, the E-820 appears in the Chooser as long as the E-820 itself is turned on. • **If you are printing over an IPX (Novell) network, verify through the PCONSOLE utility that the job was sent to the Novell queue and that the queue is being used by the E-820.** • **Make sure the job does not contain a PostScript error.** Contact the operator, or use Fiery WebSpooler or Fiery Spooler to check job status. In Fiery WebSpooler or Fiery Spooler, a job containing a PostScript error appears in red. To obtain information on the PostScript error, make sure the Print to PS Error option is set to Yes in E-820 Setup. For more information, see the *Configuration Guide*.
You cannot print with QuarkXPress 3.32 using the PSPrinter 8.7.2 driver on a Mac OS computer.	• **Remove the file called Balloon Help from your QuarkXPress application folder and restart QuarkXPress.**

Problems with print quality

For information about printing with specific applications and optimizing color output, see the *Color Guide*.

If this happens	Try this
Print settings for your job output do not match the settings you gave.	• **Make sure you did not override the settings for the job in another place.** For information about options and overrides, see Appendix A.
You get poor printing results.	• **Check if your application requires one of the E-820's printer description files.** Your application may require the E-820 PPD. If you print from Adobe PageMaker, make sure the E-820 PPD is installed correctly. For information about installing this file, see the *User Software Installation Guide*. • **Make sure the system has been calibrated.** For instructions, see the *Color Guide*.
The registration or colors of an image are not what you expected.	• **Ask the operator to print a Test Page with the copier.** The problem may be with the copier. If your Test Page shows that the copier is working properly, correct the problem within your application. If the Test Page is wrong, your copier may need to be adjusted.
Your printed file appears too dark.	• **Adjust the Brightness option.** You can use the Brightness option when printing from an application or from Fiery Downloader to lighten your image whenever you print a PostScript or Encapsulated PostScript (EPS) file.
Color file prints in black and white.	• **In the Color Matching dialog box, make sure that Color/Grayscale, or ColorSync Color Matching or PostScript Color Matching is selected (not Black and White).** • **Make sure the Color Mode print option is set to an option other than Grayscale.**
Desktop Color Separations (DCS) format images print incorrectly.	• **Make sure you selected the correct options to send separations in the application's Print dialog box.** • **Make sure you have the file for every layer of separation that you are printing.** • **Set the Combine Separations option to On.** This combines the high-resolution files for an image and prints them. With Combine Separations Off, the low-resolution master file will print.
QuickDraw fill patterns print as solids.	• **Use the Adobe PostScript Printer driver (or the Apple LaserWriter 8.3 or later printer driver).**

Problems with Fiery Downloader

If this happens	Try this
General problems.	• **Make sure you are using the latest version.** If you are updating your E-820 to new system software, delete the previous version of Fiery Downloader from your Windows or Mac OS computer and install the latest version to ensure full compatibility. • **Make sure the connection is configured correctly.** For instructions, see the *User Software Installation Guide*.
You cannot print an EPS file using Fiery Downloader.	• **Try printing using the 'showpage' after EPS files (Windows) or 'showpage' (Mac OS) option in the Download PostScript File dialog box.** This option adds a showpage PostScript language command at the end of the print job. Certain applications omit this necessary command when they generate EPS files. You must select the Append Showpage option when printing EPS files generated by these applications. If you continue having difficulties printing an EPS file with Fiery Downloader, try printing the file from the application in which it was created. • **Make sure the EPS file was saved *without* a preview image header.** Preview image headers are useful when images are placed in documents with page layout applications, but they cause problems when images are downloaded directly. • **Make sure the job does not contain a PostScript error.** Contact the operator or use Command WorkStation, Fiery WebSpooler, or Fiery Spooler to check the job's status. Jobs with a PostScript error appear with an Error icon.
You have problems downloading a font with Fiery Downloader.	• **Check with the administrator to make sure that the Direct connection is enabled.** The Direct connection must be used to download fonts.
An extra blank page prints after a Fiery Downloader job.	• **Turn off the 'showpage' after EPS files (Windows) or 'showpage' (Mac OS) option.** This option adds a special PostScript command that will cause an extra blank page to print if it is not necessary.

Problems with Fiery Scan

If this happens:	Try this
Fiery Scan main window does not appear after launching.	• **Check to see if the TWAIN module(s) installed by Photoshop are located in the correct folder. If not, reinstall Photoshop software.**

Problems with Fiery WebTools

If this happens	Try this
General problems.	• **Clear the cache (Netscape Communicator) or history (Microsoft Internet Explorer).**

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