

Fiery S300 50C-K

PRINTING GUIDE



About the Documentation

This manual is part of a set of Fiery S300 50C-K™ documentation that includes the following manuals for users and system administrators:

- The *Quick Start Guide* summarizes the steps for configuring the Fiery S300 50C-K and printing. It also describes how to access the Acrobat PDF files on User Documentation CD.
- The *User Software Installation Guide* describes how to install software from the User Software CD to enable users to print to the Fiery S300 50C-K, and also describes setting up printing connections to the Fiery S300 50C-K.
- The *Configuration Guide* explains basic configuration and administration of the Fiery S300 50C-K 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 and scanning features of the Fiery S300 50C-K for users who send jobs from their computers.
- The *Color Guide* provides information on managing the color output of the Fiery S300 50C-K. It explains how to calibrate your copier and take advantage of the 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 Fiery S300 50C-K 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 Command WorkStation™, Command WorkStation LE™, and DocBuilder Pro™, and how you can use them to monitor and control jobs on the Fiery S300 50C-K. 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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This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, and uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user will be required to correct the interference at his own expense.

Industry Canada Class A Notice

This Class A digital apparatus complies with Canadian ICES-003.

Avis de Conformation Classe A de l'Industrie Canada

Cet appareil numérique de la Classe A est conforme à la norme NMB-003 du Canada.

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If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

Industry Canada Class B Notice

This Class B digital apparatus complies with Canadian ICES-003.

Avis de Conformation Classe B de l'Industrie Canada

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Introduction

The Fiery S300 50C-K 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 Fiery S300 50C-K as you would to any other printer—select it in the Print dialog box and then print from any application on your computer.

NOTE: The term “Fiery S300” is used in this manual to refer to the Fiery S300 50C-K. The name “Aero” is used in illustrations to represent the Fiery S300. The term “Windows” is used in this manual to refer to Windows 98, Windows Me, Windows NT 4.0, Windows 2000, and Windows XP, wherever appropriate. The term “Setup” is used in this manual to refer to configuring the Fiery S300 for proper performance in your network environment, including settings that affect all jobs.

NOTE: In this manual, the term “job management tools” is used to refer to Command WorkStation, Command WorkStation LE, and Fiery Spooler™.

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 the job management tools, see the *Job Management Guide*.

About this manual

This manual is intended for remote users who send jobs via the network and the Fiery S300. 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 Fiery Downloader™ and Fiery WebDownloader™
- Printing variable data documents
- Using EFI Fiery Scan 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 Job Monitor™
- Printing using the Fiery E-mail Service
- Specifying and overriding job settings, generating a list of fonts installed on the Fiery S300, and troubleshooting information

Chapter 1: Printing from Windows Computers

This chapter describes printing to the Fiery S300 from Windows computers. You can print from a networked Windows computer or a computer using Windows (WINS) printing. You can also print to a file so that it can be printed at a remote location (see “[Saving files to print at a remote location](#)” on page 1-27). In addition to these methods, you can download files to the Fiery S300 using Fiery Downloader (see [Chapter 4](#)), and print documents using Hot Folders (optional) and Fiery E-mail Services (see [Chapter 8](#) and [Chapter 10](#), respectively).

NOTE: For information on setting up the Windows environment for printing with Windows servers connected to the Fiery S300, see the *Configuration Guide*. For information about connecting to the Fiery S300 over the network, installing printer drivers, and installing Fiery® utilities, see the *User Software Installation Guide*.

Printing from applications

Once the Fiery S300 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. 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, install the corresponding PostScript printer driver. The drivers are included in the Fiery S300 User Software CD. Once the printer driver and a corresponding printer description file are installed, you can specify print settings for a particular job and print it to the Fiery S300. 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/2000, 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](#).

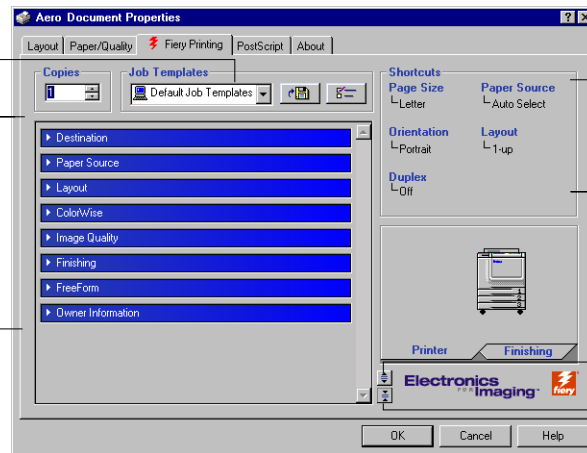
NOTE: The following procedures use Windows 2000 illustrations.

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

1. Choose Print in your application.
2. Select the Fiery S300 as your printer and click Properties.
3. Click the Fiery Printing tab.

Job Templates, see [page 1-10](#)

Print option bars, see below



Shortcuts, see [page 1-14](#)

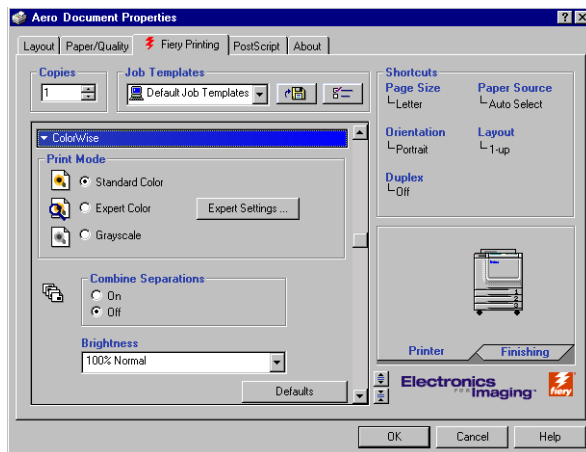
Click to display all print options

Click to hide all print options

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

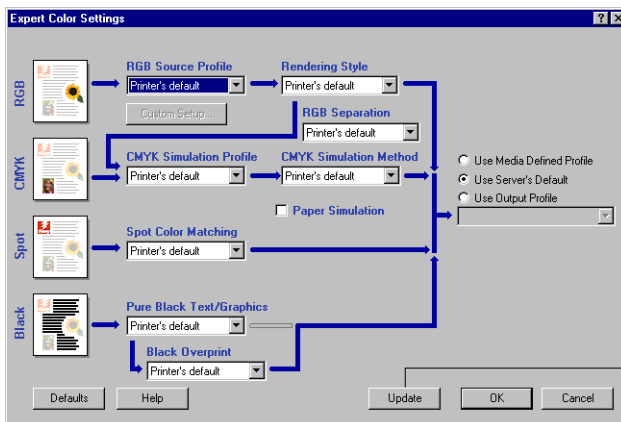
NOTE: Supported tabs and print options may vary between Windows 98/Me, Windows NT 4.0, and Windows 2000/XP. For a complete list of print options, see [Appendix A](#).

4. Click the ColorWise print option bar.



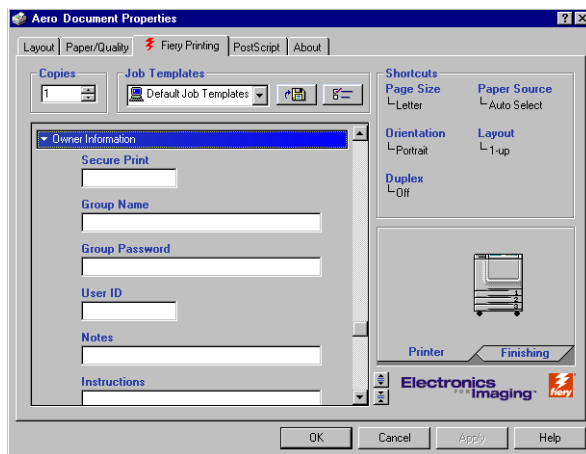
In the Print Mode area, specify the color mode for the job. To use advanced color management features, such as Rendering Style, click Expert Settings and proceed to [step 5](#); otherwise, skip to [step 7](#).

5. In the Expert Color Settings dialog box, click Update to display the current Fiery S300 settings.



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

6. Specify the color settings for the print job and click OK.
7. Click the Owner Information print option bar.



Enter a password (up to 8 alphanumeric characters) in the Secure Print field for secure printing. When you enter a password in this field, your print job is held at the Fiery S300 and printed when you enter the password at the Fiery S300 Control Panel. For more information, see [“Secure Print”](#) on page A-22.

Enter an account name in the Group Name field. The Group Name appears in the job management tools Job Log. The account name is defined by your Administrator for managing purposes. Consult the Administrator for the account name.

Enter a password in the Group Password field. The Group Password appears in the job management tools Job Log, but it is encrypted. The password is defined by your Administrator for managing purposes. Consult the Administrator for the password.

When the account name and password you entered match those defined by the Administrator, your job is printed. Otherwise, an error is generated, and your job is placed in the printed queue.

The Administrator or Operator can edit the Group Name and Group Password from the Command WorkStation/Command WorkStation LE Job Properties dialog box and Fiery Spooler Override Print Options dialog box. The Group Name appears in the job's Notes 2 field in the job management tools Job Log.

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

Enter an 8-digit user identification number in the User ID field. The user identification number is defined by your Administrator for managing purposes. Consult the Administrator for the number. Your print job is printed if the user identification number you enter matches the one your Administrator defines at the copier.

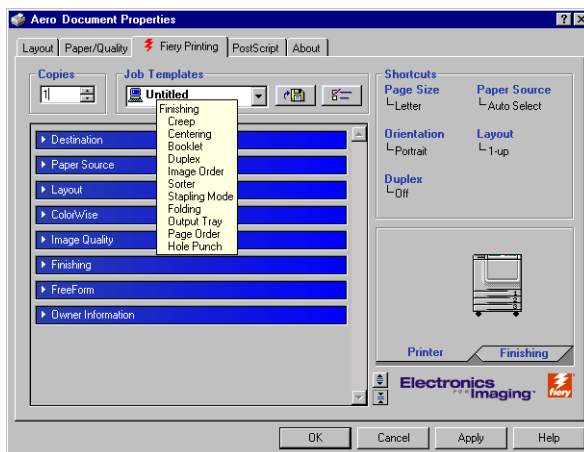
The information you enter in the Notes field can be viewed by the operator at the job management tools and also appears in the Job Log. It *cannot* be edited or erased by the operator.

For more information on the job management tools, see the [Job Management Guide](#).

In the Instructions area, enter instructions to the operator about the job and click OK. These instructions can be displayed in Command WorkStation/Command WorkStation LE, but do not appear in the Job Log. These instructions *can* be edited by the operator.

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

To quickly find a print option you are looking for, move the cursor slowly over the print option bars. A pop-up menu appears for each print option bar, which displays print options available under the print option bar.



These print options are specific to the Fiery S300 and the copier. They override settings specified in Fiery S300 Printer Setup, but can be overridden from the job management tools.

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 Fiery S300 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.

9. From your application, click OK twice to send your print job.

Make sure the Fiery S300 is selected as your current copier.

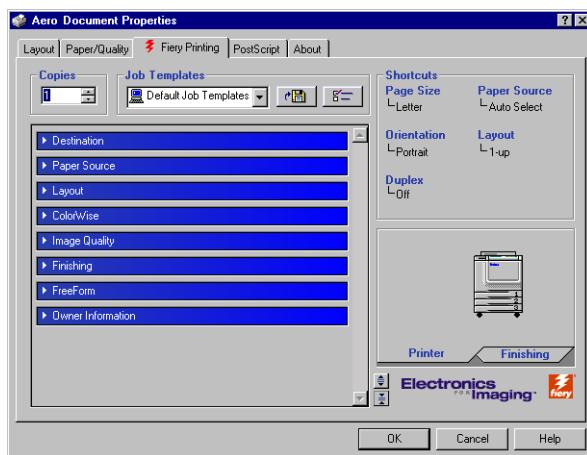
NOTE: Some options listed in the printer driver could also be set from an application (for example, collation or Reverse Order). In these cases, use the driver option to perform the function, rather than setting it from the application. The application might not set up the file properly for printing on the Fiery S300, which might cause an unexpected printing error, and might also take longer to process.

NOTE: If the Fiery Mail Port is installed and the Status messages from Fiery option is selected in the E-Mail Port Configuration dialog box, you can receive an e-mail notification if a printing error occurs to your job. For more information on installing and configuring the Fiery Mail Port, see the *User Software Installation Guide*.

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

1. For Windows 98/Me/NT 4.0/2000, click Start, choose Settings, and then choose Printers. For Windows XP, click Start and click Printers and Faxes.
2. Right-click the Fiery S300 icon and choose Properties (Windows 98/Me), Document defaults (Windows NT 4.0), or Printing Preferences (Windows 2000/XP).

The Fiery Printing tab appears. If it does not, click the Fiery Printing tab.



3. Specify the default settings for your print job, as described on [page 1-2](#).
4. Click OK to close the dialog box.

Accessing print options without opening print option bars

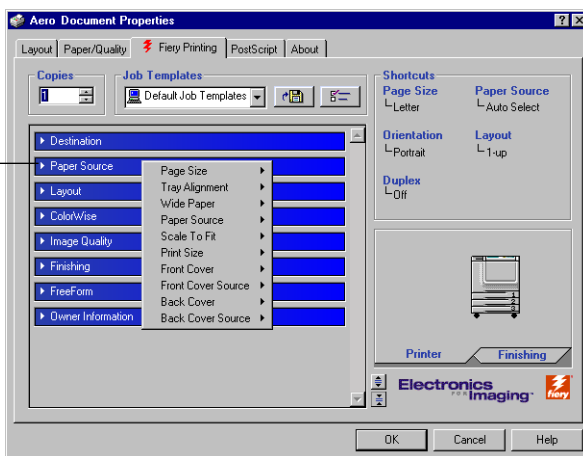
In the previous procedures, you accessed the Fiery S300 print options by opening the print option bars. You can also access and change the print option settings by right-clicking the print option bars. When you right-click a print option bar, a list of print options within the print option bar appears, and you can change settings in the list for your print job.

TO ACCESS PRINT OPTIONS WITHOUT OPENING PRINT OPTION BARS

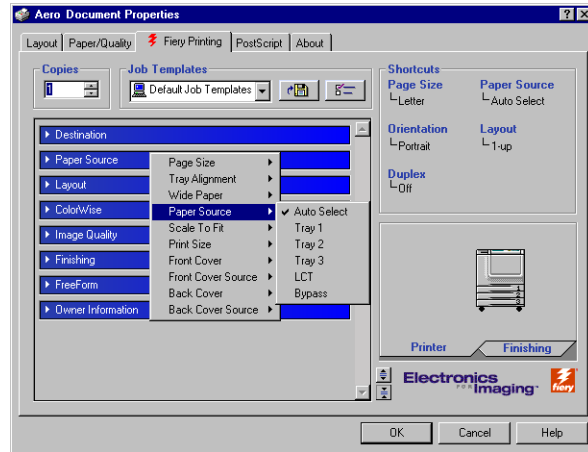
1. Open the Fiery Printing tab.
2. Right-click a print option bar.

A list of print options within the print option bar appears.

Right-click the Paper Source
print option bar



3. Click or move and hold the cursor over the option to which you want to make a change.
Available settings appears.



4. Click a setting of your choice.

NOTE: For the text-field options such as Group Name and Notes, you must click and open the print option bars to access them.

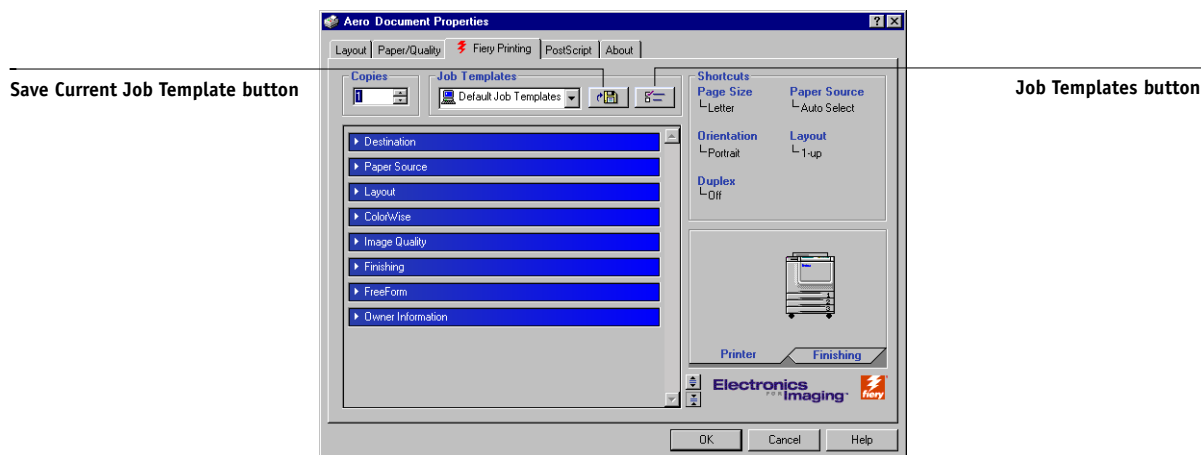
Using job templates

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

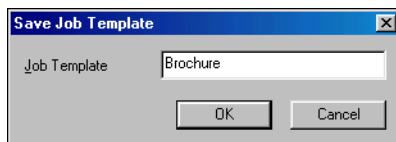
TO CREATE A JOB TEMPLATE

1. **Make sure that Default Job Template appears in the Job Templates menu, and then configure options from the print option bars.**

As soon as you change any settings, the Job Templates menu displays Untitled instead of Default Job Template.



2. **Click the Save Current Job Template button.**
3. **Enter a Job Template name and click OK.**



The name appears in the Job Templates menu.

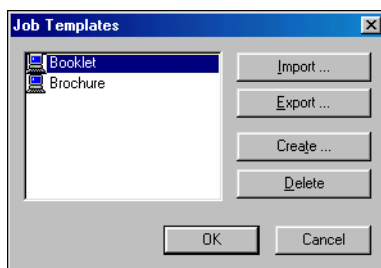
TO LOAD JOB TEMPLATES

1. From the Fiery Printing tab, click the Job Templates menu.
2. Choose the settings you want to use for your template.

The options are automatically configured.

TO DELETE JOB TEMPLATES

1. From the Fiery Printing tab, click the Job Templates button.
2. Choose the templates you want to delete and click Delete.



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

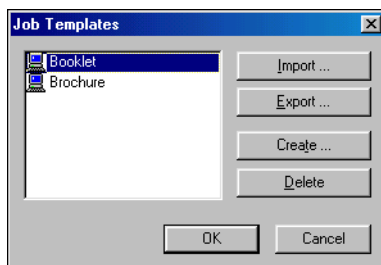
TO MODIFY JOB TEMPLATES

1. From the Fiery Printing tab, click the Job Templates menu.
2. Choose the template you want to modify.

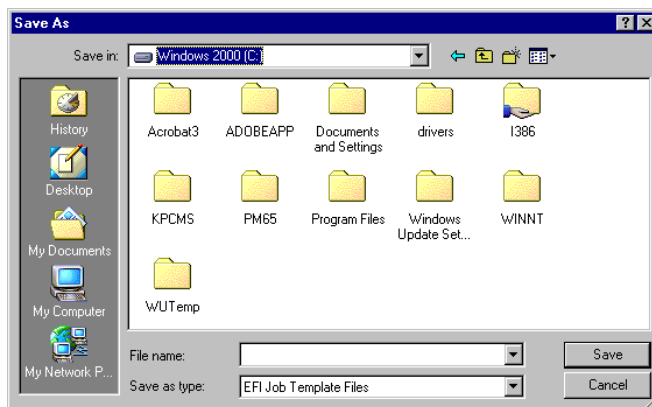
The options are automatically configured with the currently saved settings.
3. Configure your new settings from the print option bars and click the Save Current Job Template button.
4. Click OK to save the modified template.

To EXPORT SAVED TEMPLATES

1. From the Fiery Printing tab, click the Job Templates button.
2. Choose the Job Templates 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.

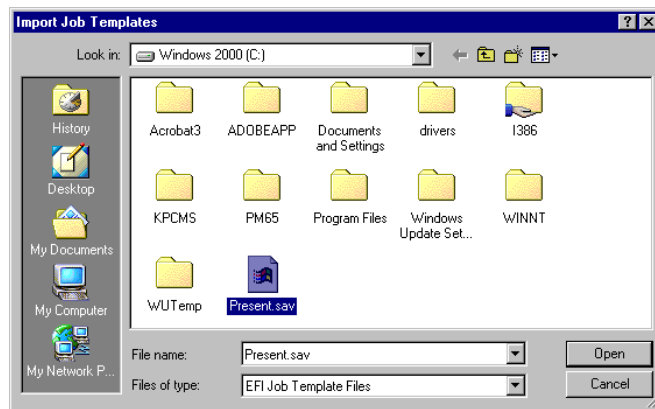


NOTE: The file name must include the .sav extension. The file name does not have to match the Job Template name.

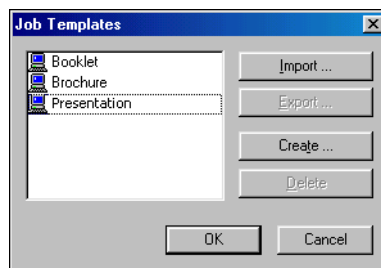
4. Click OK.

TO IMPORT SAVED TEMPLATES

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



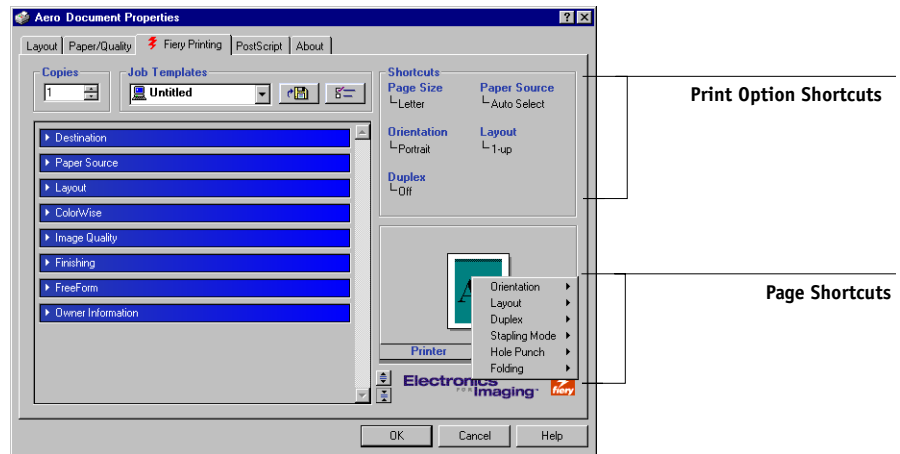
5. Click OK in the Import Job Templates dialog box.



NOTE: When you import job templates, they appear in the Job Templates menu under the Job Template, not the file name. In the preceding examples, the file present.sav (file name) was imported, but it appears in the Job Templates menu as Presentation (Template Name).

Shortcuts

The Properties or Printing Preferences dialog box has two Shortcuts areas: Print Option Shortcuts area and Page Shortcuts area. In this section, how to change print options using these Shortcuts areas and how to customize the Print Option Shortcuts area are discussed.



Using Shortcuts

The Print Option 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 in the Page Shortcuts area.

TO SET PRINT OPTIONS USING PRINT OPTION SHORTCUTS

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

The cursor changes into a hand.

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

The print option bar in which the selected print option is located opens, and the print option is highlighted. Alternatively, you can right-click the print option and click your selection from a pop-up menu.

3. Click **Apply** to make the new settings the default or **OK** to close the **Properties** dialog box.

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 make the new settings the default or **OK** to close the **Properties** dialog box.

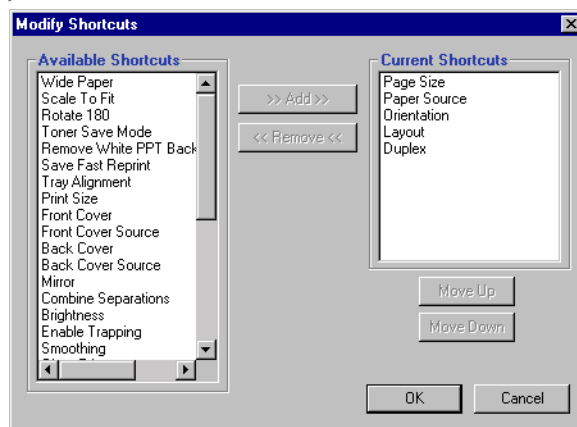
Customizing Print Option Shortcuts

You can customize the Print Option Shortcuts area so that you have easy access to most frequently used print options.

TO CUSTOMIZE THE PRINT OPTION SHORTCUTS AREA

1. Click **Shortcuts** in the **Print Option Shortcuts** area.

The **Modify Shortcuts** dialog box appears.



2. **Select an option to remove from the Current Shortcuts list and click Remove.**
Or double-click an option to remove in the Current Shortcuts list.

The maximum number of the print options that can be displayed is six. By default, five print options appear in the Print Option Shortcuts area.

3. **Select an option you want to add from the Available Shortcuts list and click Add.**
Or double-click an option you want to add in the Current Shortcuts list.

The new option item appears at the bottom of the Current Shortcuts list.

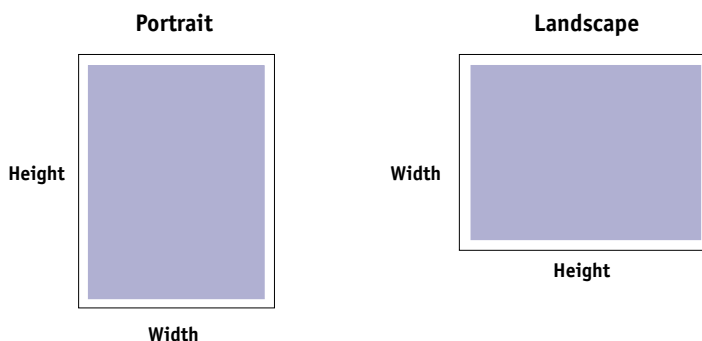
4. **To change orders of the Current Shortcuts, select an option in the Current Shortcuts list and click Move Up or Move Down.**

5. **Click OK to close the Modify Shortcuts dialog box.**

Now, the Print Option Shortcuts area is customized.

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. 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.

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 1-19 and “Working with custom page sizes in Windows 2000/XP” on page 1-22.

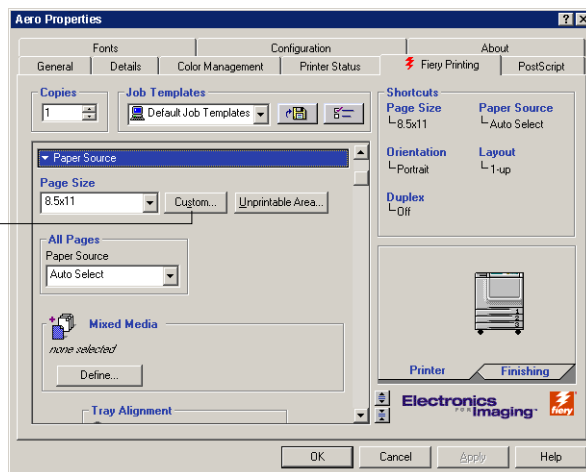
Working with custom page sizes in Windows 98/Me

When you define or edit a custom page size, or print your job on a custom page size in the Windows 98/Me PostScript printer driver, follow the following procedures.

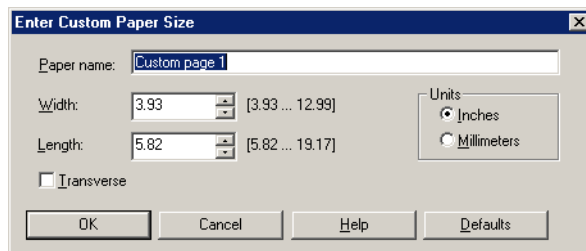
TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS 98/ME PRINTER DRIVER

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the Fiery S300 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.

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

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.

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 98/ME PRINTER DRIVER

1. Click Start, choose Settings, and then choose Printers.
2. Right-click the Fiery S300 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 Page Size menu.

5. Click Custom.

The Enter Custom Paper Size dialog box appears.

6. Edit the settings, as described on [page 1-18](#), and click OK.

TO PRINT A CUSTOM PAGE SIZE WITH THE WINDOWS 98/ME PRINTER DRIVER**1. Choose Print from your application.****2. Select the Fiery S300 icon as the printer and click Properties.****3. Click the Fiery Printing tab, and then click the Paper Source print option bar.****4. Select a tray from the Paper Source menu.**

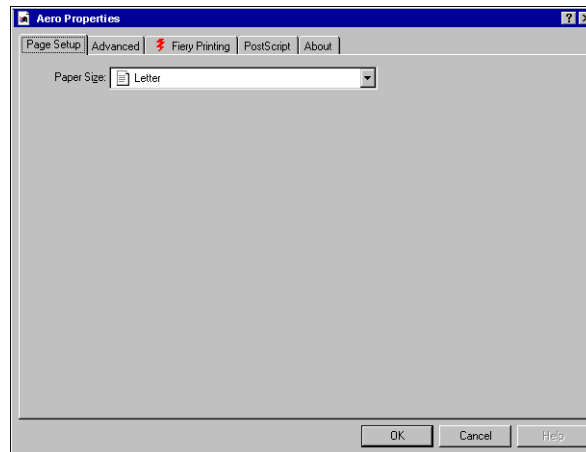
The custom page size must be defined and assigned to a tray at the copier control panel. For more information, see the copier documentation.

5. Select the custom page size from the Page Size menu.**6. Click the Layout print option bar and select a setting from Orientation according to the way the custom size paper is loaded.****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.

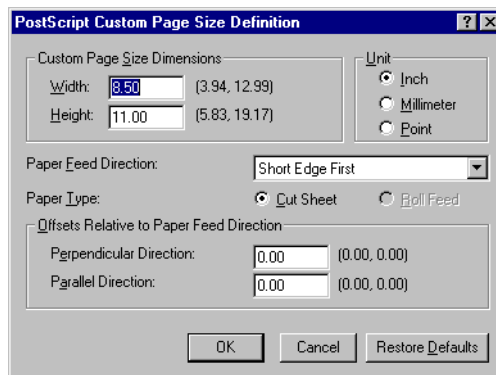
TO DEFINE A CUSTOM PAGE SIZE WITH THE WINDOWS NT 4.0 PRINTER DRIVER**1. Click Start, choose Settings, and then choose Printers.****2. Right-click the Fiery S300 icon and choose Document defaults.**

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.

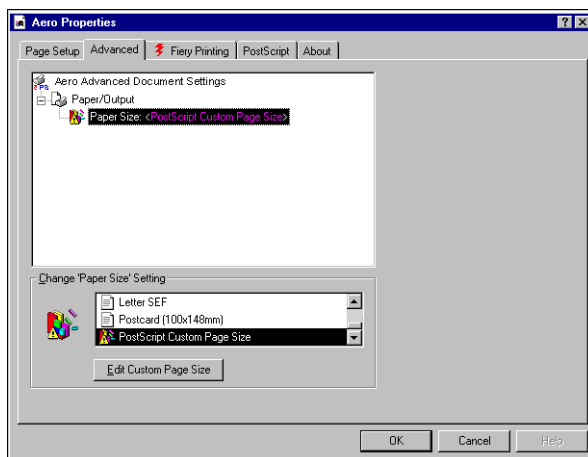
Paper Type—Select the type of paper for the print job.

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

6. Click **OK**.
7. Click **OK** to close the Document defaults dialog box.

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 **Fiery S300** icon and choose **Document defaults**.
3. Click the **Advanced** tab.



4. If **PostScript Custom Page Size** is already selected as **Paper Size**, click the **Edit Custom Page Size** button. Otherwise, select **PostScript Custom Page Size** from **Paper Size**.

The **PostScript Custom Page Size Definition** dialog box appears.

5. Edit the settings, as described on [page 1-20](#), 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 Fiery S300 as the printer and click Properties.
3. Click the Fiery Printing tab, and click the Paper Source print option bar.
4. Select a tray from the Paper Source menu.

The custom page size must be defined and assigned to a tray at the copier control panel. For more information, see the copier documentation.

5. Select PostScript Custom Page Size from the Page Size option.
6. Click the Layout print option bar and select a setting from Orientation according to the way the custom size paper is loaded.
7. Click OK and then click OK again to print the job.

Working with custom page sizes in Windows 2000/XP

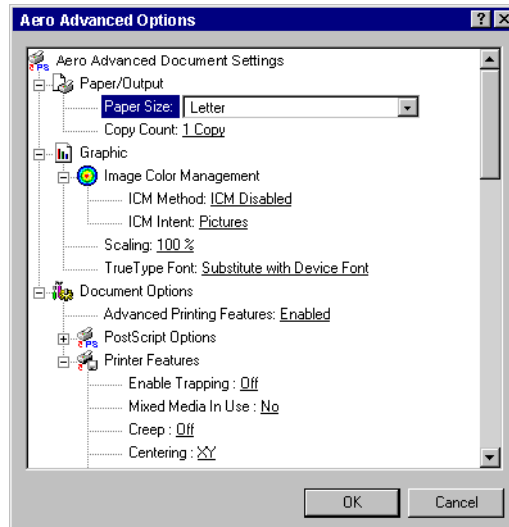
With custom page sizes, you can define the dimensions of a printed page. After you define a custom page size, you can use it from an application without redefining it each time you print.

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**

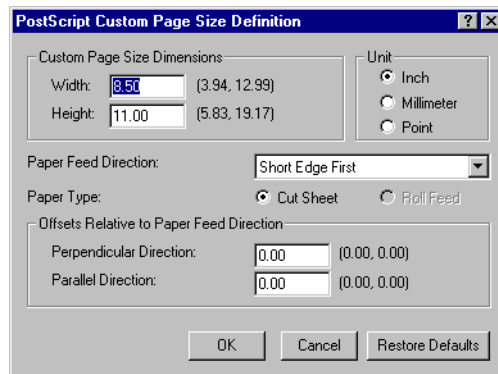
1. For Windows 2000, click Start, choose Settings, and then choose Printers. For Windows XP, click Start and click Printers and Faxes.
2. Right-click the Fiery S300 icon and choose Printing Preferences.
3. Click the Paper/Quality tab.

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.

NOTE: Access the **Paper/Quality** tab only for defining or editing custom page sizes. Set up the rest of the print options in the **Fiery Printing** tab.

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

1. For Windows 2000, click **Start**, choose **Settings**, and then choose **Printers**.
For Windows XP, click **Start** and click **Printers and Faxes**.
2. Right-click the **Fiery S300** 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 1-23](#), and click **OK**.

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

1. Choose Print from your application.
2. Select the Fiery S300 as the printer and click Properties.
3. Click the Paper/Quality tab.
4. Click Advanced.
5. Select PostScript Custom Page Size from the Page Size option.
6. Verify the custom page size settings and click OK.
7. Click OK to close the Advanced Options dialog box.
8. Click the Fiery Printing tab and the Paper Source print option bar.
9. Select a tray from the Paper Source menu.

The custom page size must be defined and assigned to a tray at the copier control panel. For more information, see the copier documentation.

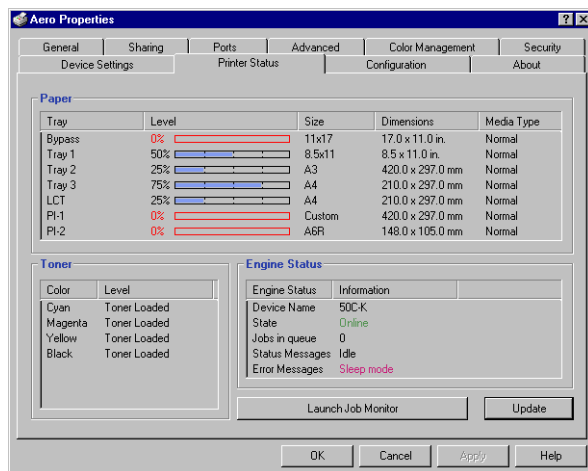
10. Click the Layout print option bar and select a setting from Orientation according to the way the custom size paper is loaded.
11. Click OK and then click OK again to print the job.

Viewing the copier's status

The status of the copier's consumables can be viewed from the PostScript driver's Printer Status tab.

TO VIEW THE STATUS OF THE COPIER'S CONSUMABLES

1. For Windows 98/Me/NT 4.0/2000, click Start, choose Settings, and then choose Printers. For Windows XP, click Start and choose Printers and Faxes.
2. Right-click the Fiery S300 icon and choose Properties.
3. Click the Printer Status tab and click Update.



Paper

Tray—Displays the drawer name.

Level—Displays the amount of paper remaining in the specified drawer.

Size—Displays the size of paper in the specified drawer.

Dimensions—Displays the dimensions of the paper in the specified drawer in inches or millimeters.

Media Type—Displays the type of media loaded in the specified drawer.

Toner

Color—Displays the color of toners.

Level—Displays the status of toners.

Engine Status

This area displays the status of the copier at the time.

Saving files to print at a remote location

If you do not have a Fiery S300 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 Fiery S300 just as you would print to any other printer from any application. If you are using Mac OS 9 and earlier or Mac OS X (Classic mode), select the Fiery S300 as the current printer in the Chooser, and then print the file from within the application. If you are using Mac OS X (Native mode), you can choose the printer and print the file from within the application. In addition to this method, you can download files to the Fiery S300 using Fiery Downloader (see [Chapter 4](#)), and print documents using Fiery E-mail Services (see [Chapter 10](#)).

Printing from applications with Mac OS 9 and earlier or Mac OS X (Classic mode)

Before you can print to the Fiery S300 from applications, you must select the Fiery S300 in the Chooser. Then, using the Adobe PostScript printer driver and the correct printer description file, you can control many Fiery S300 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*.

Setting print options and printing

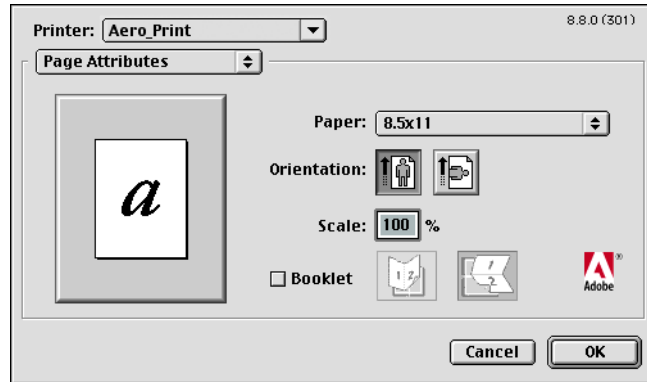
In Mac OS applications, print options are set from both the Page Setup dialog box and the Print dialog box. For details on specific print options, see [Appendix A](#).

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

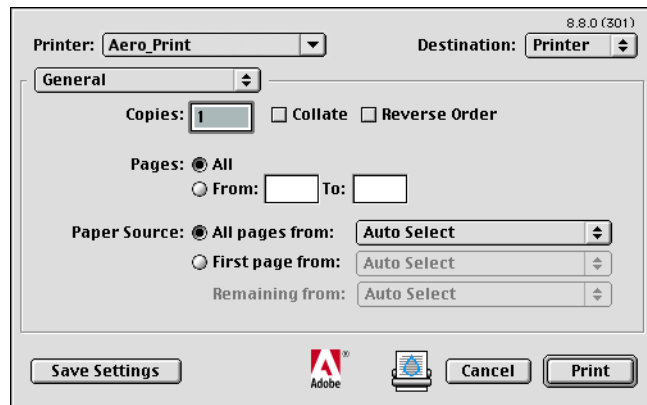
1. Open a file and choose **Page Setup** from the application's **File** menu.
2. In the dialog box that appears, choose **Page Attributes**.

Select the Fiery S300 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 Fiery S300 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 using Bypass.

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 Fiery S300 displays an error message and the job fails to print. Load the correct paper into the selected tray or cancel the job.

7. Choose Fiery Job Notes.

Choose Fiery Job Notes

The screenshot shows a dialog box titled "8.8.0 (301)". At the top, there are two dropdown menus: "Printer:" set to "Aero_Print" and "Destination:" set to "Printer". Below these is a section titled "Fiery Job Notes" with a small arrow icon. This section contains a list of fields: "Secure Print", "Group Name", "Group Password", "User ID", "Notes", and "Instructions". The "Secure Print" field is currently selected. At the bottom of the dialog are three buttons: "Save Settings", "Cancel", and "Print". The Adobe logo is centered between the "Save Settings" and "Cancel" buttons.

Enter a password (up to 8 alphanumeric characters) in the Secure Print field for secure printing. When you enter a password in this field, your print job is held at the Fiery S300 and printed when you enter the password at the Fiery S300 Control Panel. For more information, see [“Secure Print”](#) on page A-22. Enter an account name in the Group Name field. The Group Name appears in the job management tools Job Log. The account name is defined by your Administrator for managing purposes. Consult the Administrator for the account name.

Enter a password in the Group Password field. The Group Password appears in the job management tools Job Log, but it is encrypted. The password is defined by your Administrator for managing purposes. Consult the Administrator for the password.

When the account name and password you entered match those defined by the Administrator, your job is printed. Otherwise, an error is generated, and your job is placed in the printed queue.

The Administrator or Operator can edit the Group Name and Group Password from the Command WorkStation/Command WorkStation LE Job Properties dialog box and Fiery Spooler Override Print Options dialog box. The Group Name appears in the job's Notes 2 field in the job management tools Job Log.

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

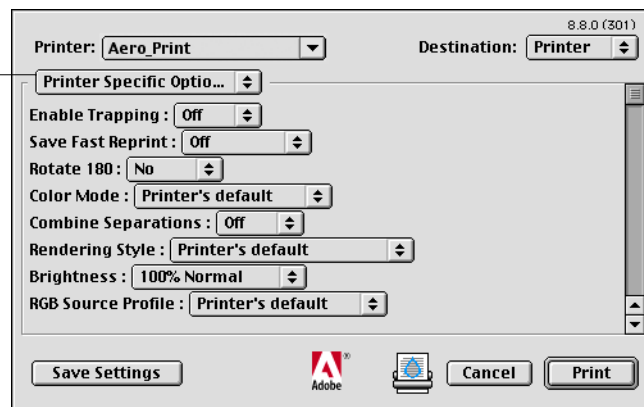
Enter an 8-digit user identification number in the User ID field. The user identification number is defined by your Administrator for managing purposes. Consult the Administrator for the number. Your print job is printed if the user identification number you enter matches the one your Administrator defines at the copier.

The information you enter in the Notes field can be viewed by the operator at the job management tools and also appears in the Job Log. It *cannot* be edited or erased by the operator.

For more information on the job management tools, see the [Job Management Guide](#).

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

Select Printer Specific Options from the pop-up menu



These print options are specific to the Fiery S300 and the copier; you may have to scroll to see all the options. They override settings in Fiery S300 Printer Setup, but can be changed from the job management tools.

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 Fiery S300, which may cause an unexpected printing error and may also take longer to process.

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 Fiery S300 displays an error message and the job fails to print. Load the correct paper into the selected tray or cancel the job.

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.**

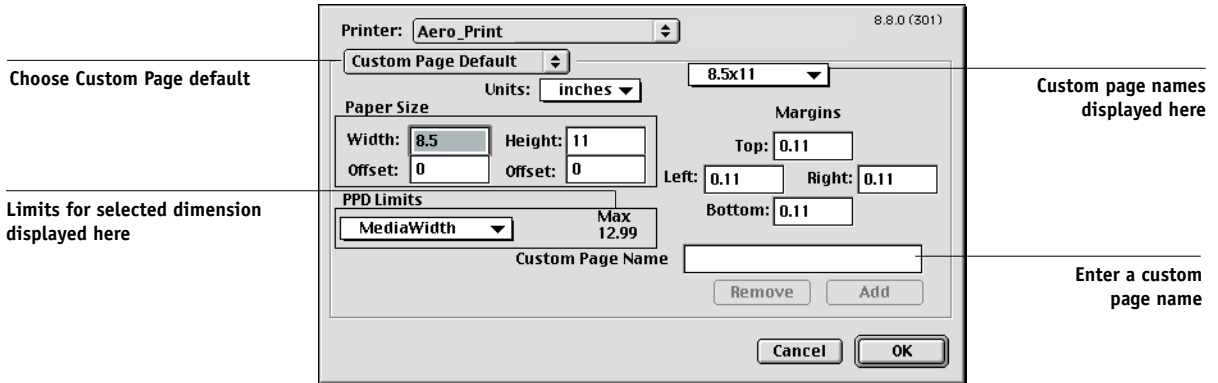
Defining custom page sizes

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.**

You can also define a new custom page size in the Custom Page Size dialog box when you print to the Fiery S300. If you specify dimensions that match a particular regular page size, the Fiery S300 processes the job as a regular page size job.

Printing from applications with Mac OS X (Native mode)

Once you install the Fiery S300 printer description files using the PPD Installer, you are able to print directly from most Mac OS X applications. For more information about installing printer description files with the PPD Installer see, the *User Software Installation Guide*.

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

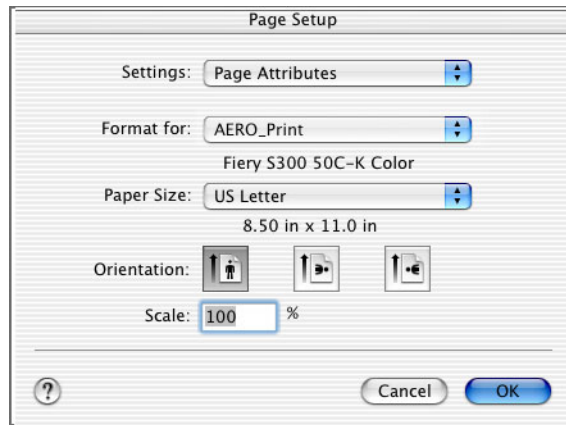
Setting print options and printing

In Mac OS X 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 POSTSCRIPT
PRINTER DRIVER**

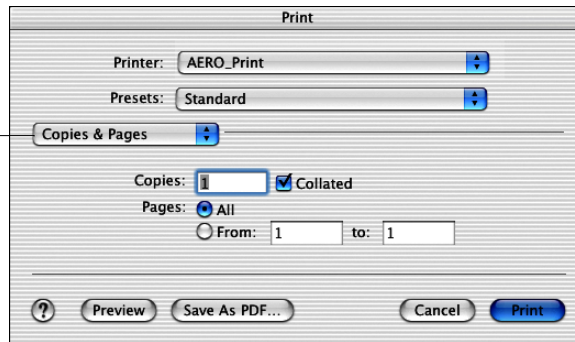
1. Open a file and choose **Page Setup** from the application's **File** menu.
2. In the dialog box that appears, choose **Page Attributes** for Settings and the **Fiery S300** for Format for as your printer.



3. Select the **Page** settings for your print job.
4. Click **OK**.
5. Choose **Print** from the application's **File** menu.
6. Select the **Fiery S300** as your printer and choose an option category from the pop-up menu.

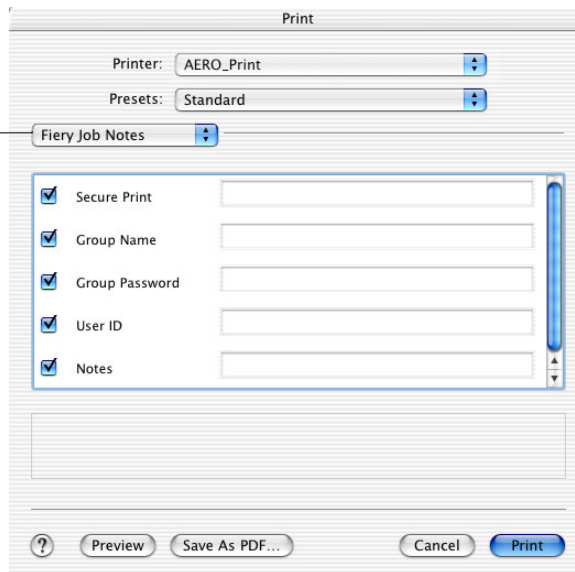
You can change the print option settings for each category.

Choose print categories



7. Choose Fiery Job Notes.

Choose Fiery Job Notes
from the pop-up menu



8. Enter a password (up to 8 alphanumeric characters) in the Secure Print field for secure printing.

When you enter a password in this field, your print job is held at the Fiery S300 and printed when you enter the password at the Fiery S300 Control Panel.

Enter an account name in the Group Name field. The Group Name appears in the job management tools Job Log. The account name is defined by your Administrator for managing purposes. Consult the Administrator for the account name.

Enter a password in the Group Password field. The Group Password appears in the job management tools Job Log, but it is encrypted. The password is defined by your Administrator for managing purposes. Consult the Administrator for the password.

When the account name and password you entered match those defined by the Administrator, your job is printed. Otherwise, an error is generated, and your job is placed in the printed queue.

The Administrator or Operator can edit the Group Name and Group Password from the Command WorkStation/Command WorkStation LE Job Properties dialog box and and Fiery Spooler Override Print Options dialog box. The Group Name appears in the job's Notes 2 field in the job management tools Job Log.

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

9. Enter an 8-digit user identification number in the User ID field.

The user identification number is defined by your Administrator for managing purposes. Consult the Administrator for the number. Your print job is printed if the user identification number you enter matches the one your Administrator defines at the copier.

The information you enter in the Notes field can be viewed by the operator at the job management tools and also appears in the Job Log. It *cannot* be edited or erased by the operator.

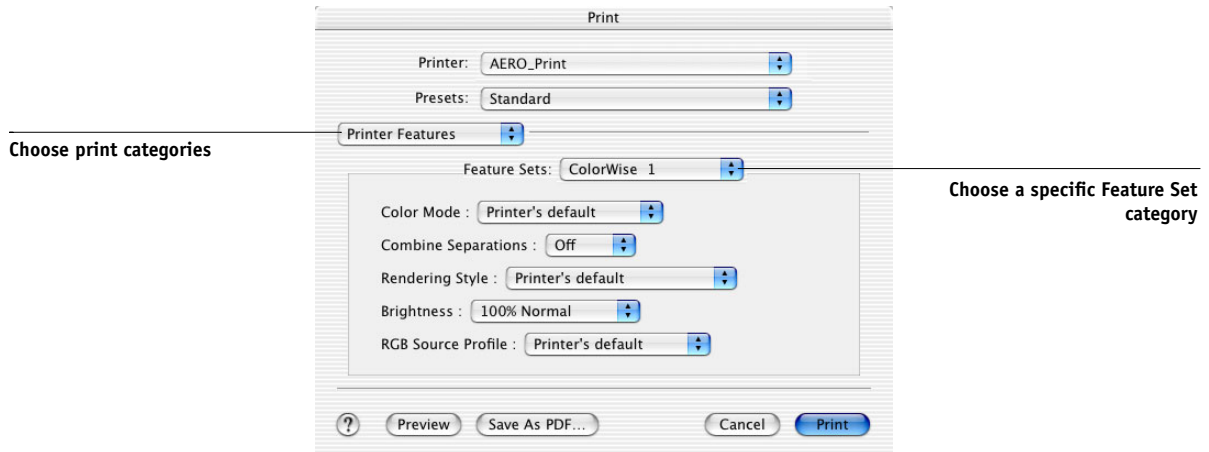
For more information on the job management tools, see the *Job Management Guide*.

In the Instructions area, enter instructions to the operator about the job. These instructions can be displayed in Command WorkStation/Command WorkStation LE, but do not appear in the Job Log. These instructions *can* be edited by the operator.

If you decide not to send the information in any of the fields to the Fiery S300, click to clear the check box on the left of the option. You do not have to delete the information

in the field. When the check box is not checked, the information you enter is saved but not sent to the Fiery S300.

10. Choose Printer Features and specify the appropriate settings for your job.



These print options are specific to the Fiery S300 and the copier; you have to choose specific Feature Set categories to see all the options. They override settings in Fiery S300 Printer Setup, but can be changed from the job management tools.

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 the PostScript printer driver, are similar to the print options available from the Printer Features menu. In these cases, specify the print option from the Printer Features menu. The application or the PostScript printer driver may not set up the file properly for printing on the Fiery S300, which may cause an unexpected printing error and take longer to process.

NOTE: If you select an invalid setting or combination of settings when printing a document, no error message appears. For example, you may be able to select duplex printing on transparency media. Invalid settings and combinations are ignored by the Fiery S300.

11. Click Print.

Chapter 3: Printing from UNIX Workstations

You can print to the Fiery S300 directly from UNIX workstations. Jobs printed to the Fiery S300 are sent to the Print or Hold queue and can be manipulated from Command WorkStation/Command WorkStation LE or from Windows and Mac OS computers on the network using Fiery Spooler.

NOTE: If you print to the Hold queue, an operator must intervene from the job management tools for the job to print; jobs sent to the Hold queue are spooled to disk and held.

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

The queue name and Fiery S300 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 Fiery S300

You can use UNIX commands to print PostScript and text files, to the Fiery S300. In general, use basic print commands (`lpr`, `lpq`, `lprm`) to send print jobs to the Fiery S300. For information about UNIX commands, see the UNIX manual pages or other documentation.

TO PRINT FROM UNIX

- **On a system running Solaris 8, use the `lp` command to send a job to the Fiery S300, as follows:**

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

For example, if the Print queue of your Fiery S300 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 Solaris 8, use the `lpstat` command to see printer jobs in the queue, as follows:**

`lpstat -o <printername>`

For example, if the Print queue of your Fiery S300 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 Solaris 8, 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 Fiery S300 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), Creo Variable Print Specification (VPS), and Portable Document Format (PDF) files directly to the Fiery S300 without using the application in which they were created. Fiery Downloader also allows you to manage printer fonts on the Fiery S300.

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. See the *Job Management Guide* for more information.

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 and/or Fiery WebDownloader to do the following:

- Check the status of the Fiery S300.

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

- Print PostScript, EPS, TIFF, VPS, and PDF files to the Fiery S300.

NOTE: You can download PPML files by importing them using Command WorkStation. For more information on importing files using Command WorkStation, see the *Job Management Guide*.

- Manage the printer fonts stored on the Fiery S300 hard disk (this feature requires that the Direct connection be published on the Fiery S300).

NOTE: Fiery Downloader and Fiery WebDownloader are designed specifically for the Fiery S300; 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 Fiery S300 in the Chooser window and click OK (Windows) or Connect (Mac OS).

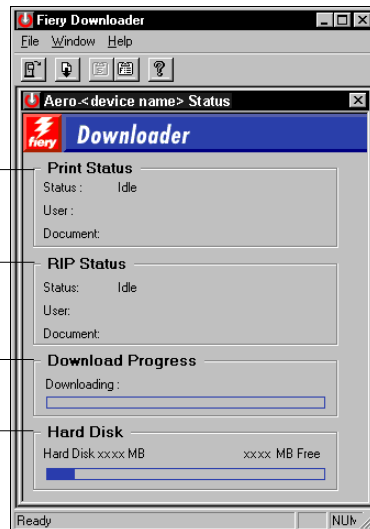
The Fiery Downloader Status window appears, displaying the Fiery Downloader toolbar, menus, and status bar.

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



4

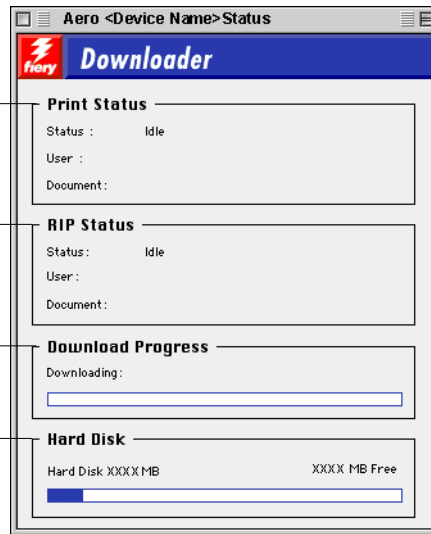
4-3 Using Fiery Downloader and/or Fiery WebDownloader

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 Fiery S300.



Download

Click to download a file or font to the Fiery S300.



Status

If you are viewing the Font List, click to display the status window for the current Fiery S300.



Font List

If you are viewing the status window, click to display a list of printer fonts on the Fiery S300 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 Fiery S300, choose **Open** from the **File** menu or click the **Open** button.
5. Select the **Fiery S300** 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 files and printer fonts

You can download a variety of file types, as well as fonts, to the Fiery S300. You can specify a limited number of print option settings for the files you download.

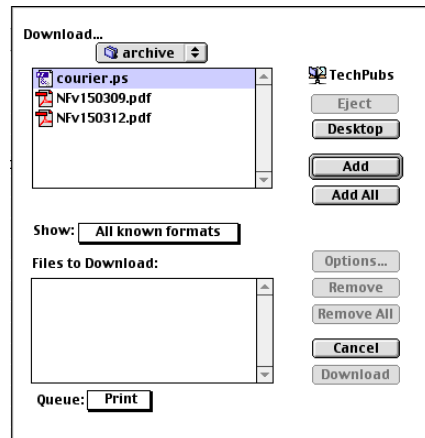
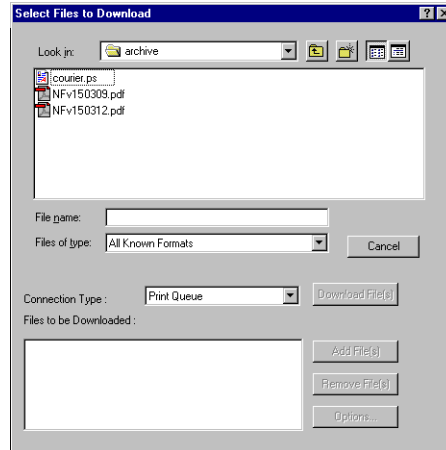
TO DOWNLOAD A FILE OR FONT WITH FIERY DOWNLOADER

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 Fiery S300). 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.

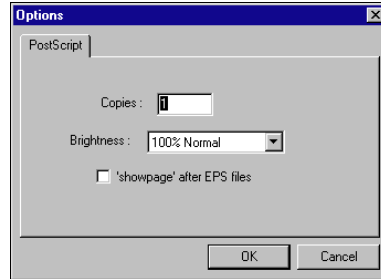
You can navigate to different drives and directories to select files to download. Click Add All (Mac OS) to add all files in a folder.

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.

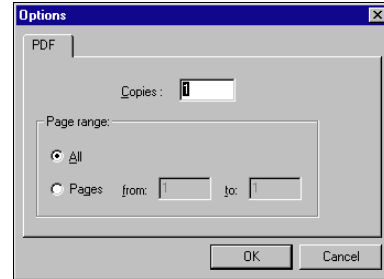
If you change your mind about a file, select the file name in the Files to Download list and click Remove File(s) (Windows) or Remove (Mac OS).

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

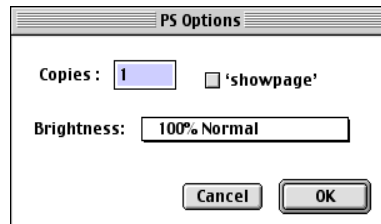
7. To change the attributes of a file to be downloaded, select it and click Options.



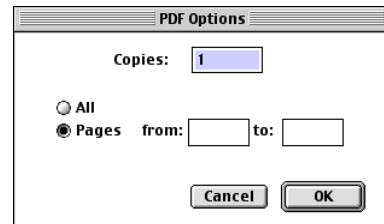
PostScript Options dialog box (Windows)



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.

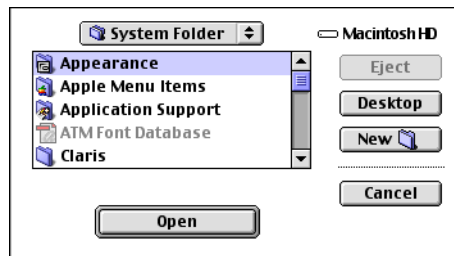
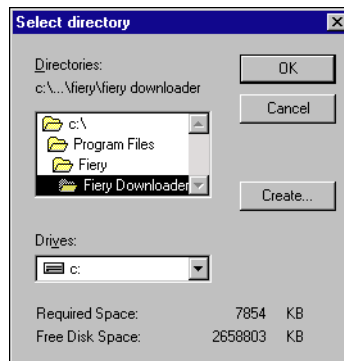
If you experience problems printing EPS files with Fiery Downloader, you can print the file directly from the application in which you created it.

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 CREATE A FONT BACKUP

1. Start Fiery Downloader.
2. Choose **Back up fonts** from the **File** menu.
3. Browse to the location in which to save the fonts.



You can create a new directory by clicking Create (Windows) or New Folder (Mac).

4. Click OK.

The font backup file is saved.

TO RESTORE FONTS

- 1. Start Fiery Downloader.**
- 2. Choose Restore fonts from the File menu.**
- 3. Open the font backup file from the saved location, and click OK (Windows) or Select this folder (Mac).**

This will replace all the user fonts on the Fiery S300.

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 Fiery S300. For a list of fonts resident on the Fiery S300, 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 Fiery S300 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 Fiery S300, you must download the fonts (unless the fonts are embedded in the file). To see what fonts are resident on the Fiery S300, choose Font List from the File menu or click the Font List button (see [page 4-12](#)).

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 Fiery S300 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 98/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 Fiery S300 Document defaults dialog box and select TrueType Font Setting > Download as Softfont.

NOTE: You cannot use Fiery Downloader to download TrueType fonts.

NOTE: You can change font settings in the printer driver to suit your printing needs. For more information, see the printer driver help menu for details.

Printer fonts and Mac OS screen fonts

Like all PostScript fonts, the fonts included with the Fiery S300 come in two forms: printer fonts and screen fonts. Install the screen fonts included with the Fiery S300 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 Fiery S300. 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 Fiery S300

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 Fiery S300, as long as the printer fonts are installed in your System Folder. These fonts remain in the Fiery S300 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 Fiery S300, you can save time by downloading them to the Fiery S300 hard disk with Fiery Downloader. Fonts you download to the Fiery S300 hard disk remain installed until you remove them using Fiery Downloader, no matter how many times the Fiery S300 is turned off and on. Consider downloading fonts you use on a regular basis to the Fiery S300 hard disk.

Before you download PostScript, TIFF, VPS, or EPS files with Fiery Downloader, make sure all fonts included in your file are installed on the Fiery S300 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 Fiery S300. Two multiple master fonts (a serif font and a sans serif font) stored on the Fiery S300 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.

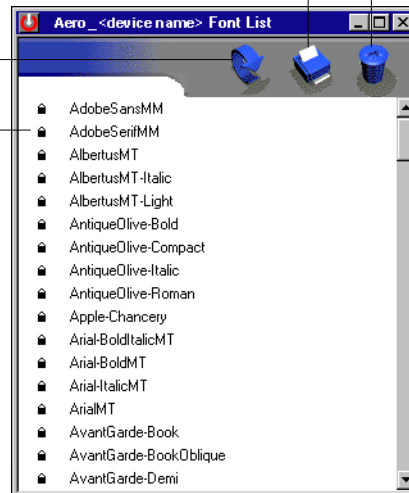
The Font List window includes Update, Print, and Delete buttons. The printer fonts included with the Fiery S300 (resident fonts) are locked. Locked fonts appear with a Lock icon next to the name and cannot be deleted.

Click to print the Font List to the Print queue

Select a font and click here to delete it

Click to update the information
in the Font List window

Lock icon



Chapter 5: Printing Variable Data Documents

This chapter describes the variable data printing features supported by the Fiery S300, including:

- Background information about variable data printing
- Printing variable data documents using FreeForm™ and 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 Fiery S300 supports 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 Fiery S300. You can send a variable-element job to the Fiery S300 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 Altas PrintShop Mail-Fiery Version.
- You can create the master and variable elements of a job in a popular variable data printing application, such as Pageflex Persona-Fiery Version, and then print the job to the Fiery S300 through a supported file format. The Fiery S300 is compatible with Creo VPS, and PPML variable data formats.

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

NOTE: You can print VPS files only from QuarkXPress on Mac OS computers. To print, you need to have Darwin Desktop (a Creo product) installed.

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

Combine Separations to On

Optimize PowerPoint 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 Fiery S300.

How FreeForm works

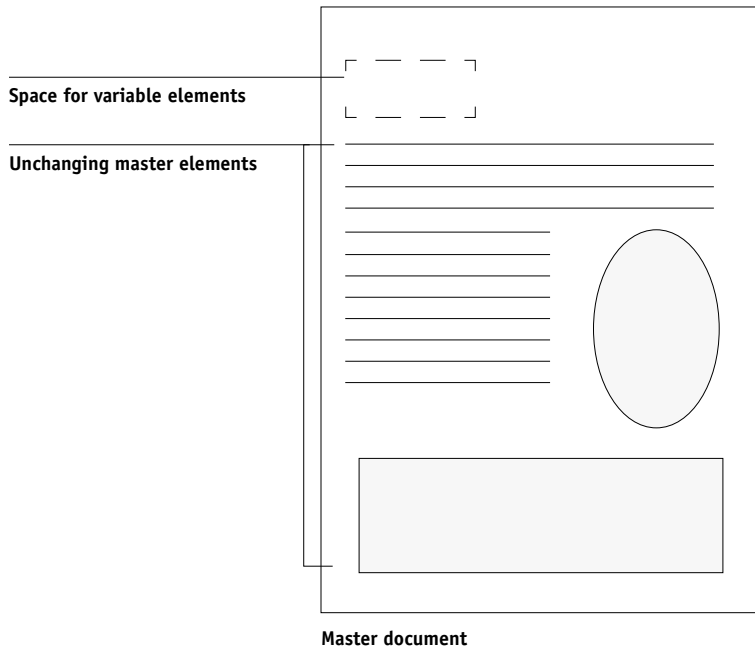
The basic premise of FreeForm variable data printing is that the master-element data for the job can be sent to the Fiery S300 and rasterized separately from the variable-element data. The master-element data is stored on the Fiery S300 in rasterized form as a FreeForm master, and can be used as often as needed with multiple sets of variable-element data. Because the FreeForm master job is preRIPped and stored on the Fiery S300, 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 the job management tools. You can also use Command WorkStation/Command WorkStation LE to monitor and manage all the FreeForm masters stored on the Fiery S300. 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.



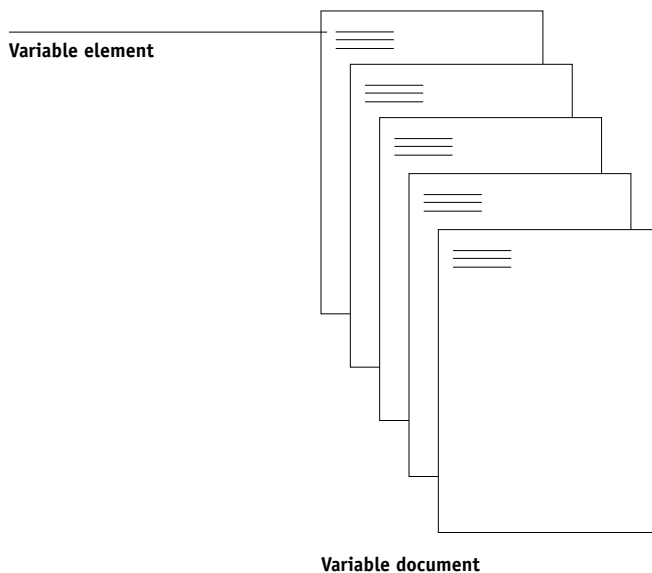
When you have finalized the design of the master document, print it to the Fiery S300 and specify that a FreeForm master be created from the job (see [page 5-8](#)).

NOTE: Although the Fiery S300 can store up to 100 FreeForm masters, the printer driver interface 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/Command WorkStation LE.

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.

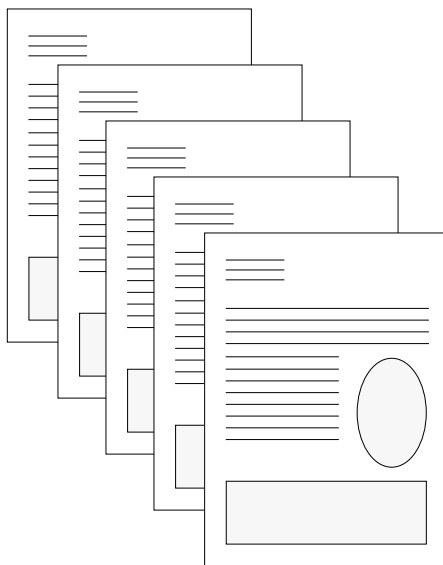


When you have created a variable document, print it to the Fiery S300 and specify that it be combined with the corresponding FreeForm master (see [page 5-8](#)).

Combining the FreeForm master with the variable document

When you print a variable document to the Fiery S300, you specify the FreeForm master created from your master document with the Use Master print option. The Fiery S300 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 the job management tools.

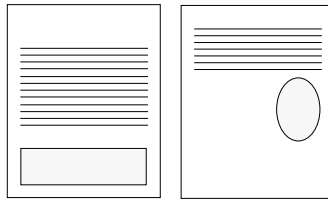
For more information about soft-proofing and thumbnail windows of the job management tools, see the *Job Management Guide*.



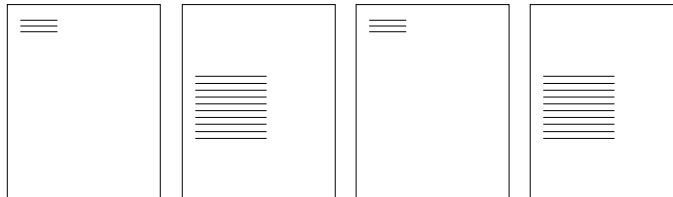
Combined document

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

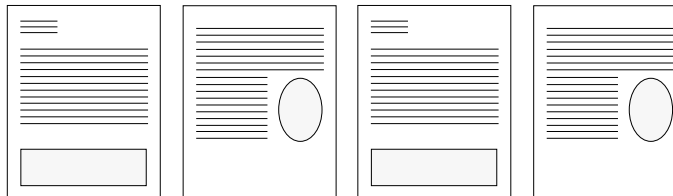
of the variable document are combined respectively with Pages 1 and 2, again, of the master document. This pattern continues for each subsequent set of pages in the variable document.



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 (Mac OS) or Print Mode (Windows)

Combine Separations

Duplex

Hole Punch

Orientation

Page Size

Stapling Mode

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

Hole Punch

Page Order

Paper Source

Save Fast Reprint

Stapling Mode

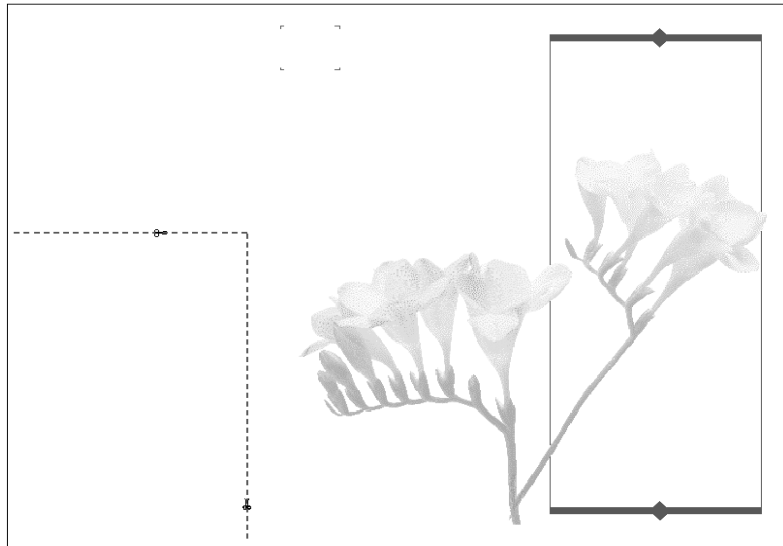
NOTE: The Top-Bottom setting of the Duplex setting will have no effect when printing using FreeForm.

NOTE: If the Duplex settings for the master-elements document and variable-elements document do not match, the job prints using the Duplex setting for the variable-elements document.

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.



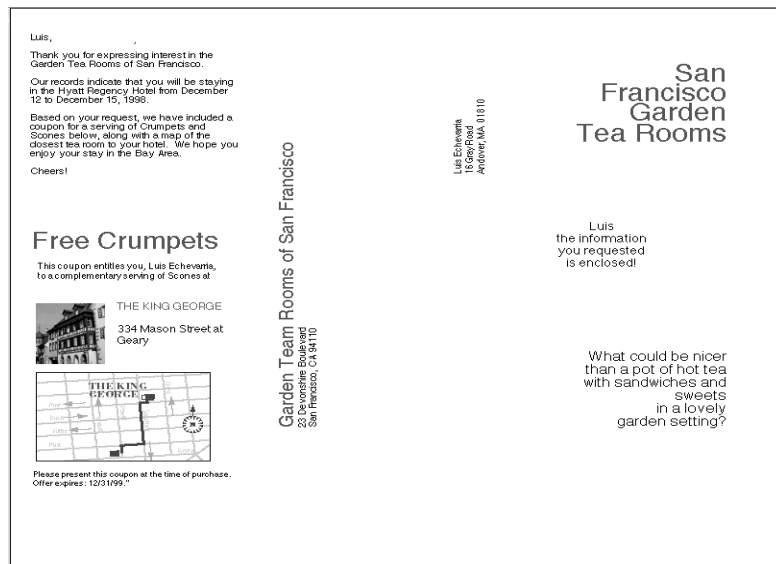
2. Print the master document to the Fiery S300 with the Create Master print option set to one of the FreeForm Master numbers (1 through 15).

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 (for details, see [page 5-7](#)).

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 Fiery S300 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.

FreeForm master numbers can be overridden from the job management tools. Check with the operator to make sure that the FreeForm master number you specify is the correct one for the FreeForm master you want to use.

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 the job management tools.

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

Danielle,

Thank you for expressing interest in the Garden Tea Rooms of San Francisco.


Our records indicate that you will be staying in the Saint Francis Hotel from September 12 to September 18, 2002.

Based on your request, we have included a coupon for a serving of Crumpets and Scones below, along with a map of the closest tea room to your hotel. We hope you enjoy your stay in the Bay Area.


Cheers!

Free Crumpets

This coupon entitles you, Danielle Abrams, to a complimentary serving of Scones at



THE PARK HYATT
333 Battery at Jones Street



Please present this coupon at the time of purchase.
Offer expires: 12/31/02

San Francisco Garden Tea Rooms

Danielle the information you requested is enclosed!

What could be nicer than a pot of hot tea with sandwiches and sweets in a lovely garden setting?

Garden Tea Rooms of San Francisco
23 Devonshire Boulevard
San Francisco, CA 94110

Danielle Abrams
18510 Eureka Place
San Francisco, CA 94110

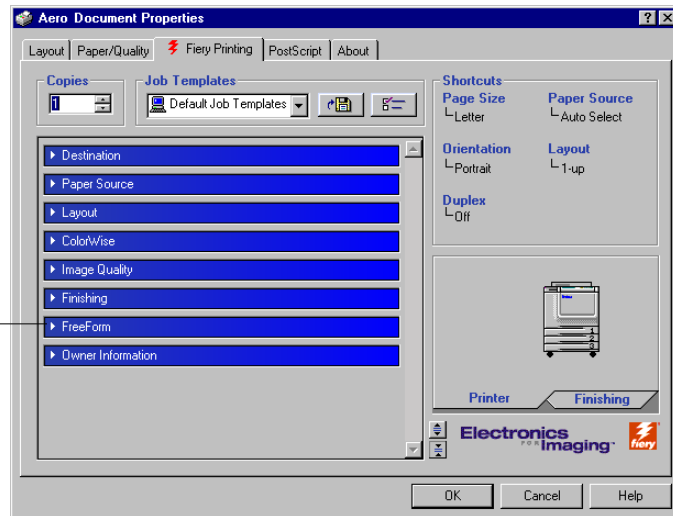
Previewing master documents in the Windows printer driver

Once a master document is created, you can preview it from the Windows printer driver. This feature makes it convenient to select a master document you need when you perform FreeForm printing.

TO PREVIEW MASTER DOCUMENTS IN THE WINDOWS PRINTER DRIVER

1. Choose **Print** in your application.
2. Select the **Fiery S300** as your printer and click **Properties**.
3. Click the **Fiery Printing** tab.
4. Click and open the **FreeForm** print option bar.

FreeForm print option bar



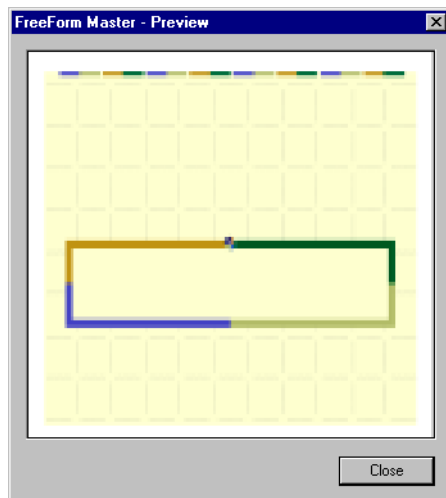
5. Click **Update** to retrieve the list of FreeForm master names from the Fiery S300.

The FreeForm master numbers and names appear in the **Create Master** and **Use Master** options.

NOTE: The Two-Way Communication feature must be enabled to retrieve the list of FreeForm master names. For how to enable this feature, see [User Software Installation Guide](#).

6. **Select the master document you want to preview from the Use Master option and click Preview Master.**

The FreeForm Master - Preview window appears.



7. **Click Close.**

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 Altas PrintShop Mail-Fiery Version 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 Fiery S300 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-Fiery Version. You can then print the job to the Fiery S300 from the application using a compatible file format. The Fiery S300 is compatible with the following variable data formats:

- **Creo VPS (Variable Print Specification)**

You can print VPS files only from QuarkXPress on Mac OS computers. To print, you need to have Darwin Desktop (a Creo product) installed.

- **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.

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

To print Creo VPS files, use a compatible Creo VPS application, or you can download a VPS file to Fiery Downloader or Command WorkStation.

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

For more information on downloading files using Fiery Downloader, see [Chapter 4](#). For more information using Command WorkStation, see the [Job Management Guide](#).

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

When you send a job to the Fiery S300 using one of these formats, the Fiery S300 automatically stores and reuses the master elements that are defined in the job.

Using the Fiery VDP Resource Manager

PPML jobs contain all the global objects for an environment created by a third-party application such as PrintShop Mail-Fiery Version. Global objects are the required images that are downloaded to the Fiery S300 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 Fiery S300 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 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 the Fiery S300 to display the list of PPML global object environments.

The screenshot shows the 'Fiery VDP Resource Manager' application window. On the left, a tree view shows the hierarchy: 'Fiery Servers' > '10.10.123.456' > 'PPML' > 'CollegeEnv'. The main pane displays a table of objects.

Name	Source Size	Cache Size	Total Size	Date
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:08 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:20 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:21 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:21 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:25 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:26 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:26 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:26 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:21 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:21 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:27 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:09 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:27 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:22 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:28 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:22 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:22 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:22 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:23 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:13 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:23 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:28 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:23 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:24 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:24 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:14 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:25 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:15 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:17 PM P...
CollegeSample_1EA83B9...	5KB	-	5KB	2/17/03 5:38:29 PM P...

190 object(s) Total Size: 119.4MB

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.

5. To update the current information, select Refresh from the Server menu.

Chapter 6: Scanning

With Fiery Scan, you can scan documents or images from the copier glass or through the copier's automatic document feeder (ADF) and send the scanned images to various locations. With Fiery Remote Scan, you can display the scan in a host application, such as Photoshop, or send the scan to a specific destination. You can also use 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 Remote Scan, a component of Fiery Scan, must be installed on remote workstations as described in the *User Software Installation Guide*.
- Photoshop RGB Setup should use EFIRGB.ICC 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 Scan server module—allows you to access the Scan Module from the copier control panel for initiating scans and sending scan images to specific destinations.
- FieryBar Scan application—appears on the Fiery Advanced Controller Interface (FACI). Scan from the FieryBar menu launches the Fiery Remote Scan application resident on the Fiery S300, which allows you to send scanned images taken from the copier.
- Fiery Remote Scan—allows you to send scanned images through the network from remote workstations. This application also allows you to retrieve scan jobs in a Fiery S300 mailbox and send them through the network from remote workstations.
- Fiery Remote Scan TWAIN plug-in—allows you to retrieve scanned images directly into a TWAIN-compatible host application.
- Fiery WebScan—allows you to retrieve scan jobs from a Fiery S300 mailbox retrieval through Fiery WebTools

Scanning from the copier with Scan mode

With the copier Scan mode, you can scan an image from the copier glass or ADF to the Fiery S300, then send it to various destinations such as the Fiery S300 Hold queue and any disk drive accessible in your network. Using FieryBar Scan, Fiery Remote Scan, or Fiery WebScan, you can reroute scan jobs that are sent to the Fiery S300 Mailboxes to various destinations. Scan destinations include an e-mail address and FTP server.

TO SCAN A DOCUMENT

1. **Place the original face down on the copier glass or face up in the Automatic Document Feeder.**

NOTE: When scanning transparencies on the copier glass, place a blank white page the same size as the original over the transparency.

2. **Press the SCAN key on the copier control panel.**
3. **Select scan job destinations from E-Mail, HDD, FTP, and/or QUEUE.**

You can select more than one destination. For details on defining destinations, see [“Sending the scan job to a specific destination”](#) on page 6-4.

4. **Press FILE NAME, then Input key indicate to enter a file name for your scan job.**

If you do not define a file name, the Fiery S300 assigns a unique name, which is the Server Name plus a number. For example, if the Server Name is Aero and it is the first scan job, the file name is “Aero1”.

5. **Press ADDRESS if you need to change the destinations.**
6. **Choose the settings for your scan.**

Select from the following available settings. Default settings are underlined in the list below.

Once you select all settings, proceed to [step 7](#).

COLOR MODE

BLACK—Scan using shades of black and white.

FULL COLOR—Scan using full color.

AUTO—Detect automatically whether the original is color or black and white and scan using full color or shades of black and white.

FILE FORM

JPEG—Scan in JPEG file format.

TIFF—Scan in TIFF file format.

PDF—Scan in PDF file format.

Scanned TIFF files are in TIFF 6 format.

NOTE: If you open a TIFF 6.0 format file, use an application that supports this format. Scan jobs with multiple pages are not supported on some applications using TIFF 6. For more information, see your application's documentation.

SCAN MODE

DUPLEX—Choose this for a double-sided original.

SIMPLEX—Choose this for a single-sided original.

SCAN SIZE

SIZE SETTING—Specify the original paper size from a list.

AUTO—Detect the original paper size and automatically select the appropriate scan size.

QUALITY

600dpi

400dpi

300dpi

200dpi

LENS MODE

Press ZOOM to change scaling. Press 1:1 to return to 1.000 Lens Mode.

7. Press the **START** key at the right of the LCD panel to start scanning.

Sending the scan job to a specific destination

When you initiate the scan, you must select where to send the scan file before selecting appropriate settings for your scan job. You can send the scan to an e-mail address, a mailbox on the Fiery S300 HDD, an FTP server, or the Hold queue.

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

TO SEND A SCAN TO AN E-MAIL ADDRESS

1. Press E-Mail on the copier LCD panel.
2. If an e-mail address is already programmed in, press an entry box to specify an address. Go back to [step 4](#).
3. If an e-mail address is not programmed in, press Address manual input.
4. Press E-Mail Address, then Input key indicate to display a keyboard on the copier LCD panel.
5. Enter an e-mail address using the keyboard.

Use the key pad at the right of the LCD panel for numerical values.

6. Press OK to use this e-mail address only for this scan.

The e-mail address is not programmed in as an entry box for later use.

Press ENTRY to program the e-mail address as a new entry box for later use.

When you send another scan job to the same e-mail address, press this entry box with the e-mail address on the E-Mail tab.

TO SEND A SCAN TO A MAILBOX ON THE FIERY S300 HDD

1. Press HDD on the copier LCD panel.
2. If a mailbox that you can use is already programmed in, press an entry box to specify the destination mailbox. Go back to [step 4](#).
3. If a mailbox that you can use is not programmed in, press Address manual input.
4. Press Entry Name, then Input key indicate.
5. Enter an arbitrary name using the keyboard.

6. Press **Box No.**, then **Input** key indicate.
7. Enter a mailbox number (up to 4 digits) using the key pad at the right of the LCD panel.
8. Press **OK** to use this mailbox only for this scan.

The mailbox is not programmed in as an entry box for later use.

Press ENTRY to program the mailbox as a new entry box for later use.

When you send another scan job to the same mailbox, press this entry box with the mailbox number on the HDD tab.

TO SEND A SCAN TO AN FTP SERVER

1. Press **FTP** on the copier LCD panel.
2. If an FTP server that you can use is already programmed in, press an entry box to specify the destination FTP server. Go back to [step 4](#).
3. If an FTP server that you can use is not programmed in, press **Address manual input**.
4. Press **Profile Name**, then **Input** key indicate.
5. Enter necessary information for Profile Name and press **OK**.
6. Repeat [step 4](#) and [5](#) for Host Address, File Path, Login, and Password.
7. Press **PORT NO.** to change the port number if necessary.

The default port number is 21.

8. Press **OK** to use this FTP server only for this scan.

The FTP server is not programmed in as an entry box for later use.

Press ENTRY to program the FTP server as a new entry box for later use.

When you send another scan job to the same FTP server, press this entry box with the Profile Name on the FTP tab.

TO SEND A SCAN TO THE HOLD QUEUE

- Press **QUEUE** on the copier LCD panel.

Using the FieryBar Scan application

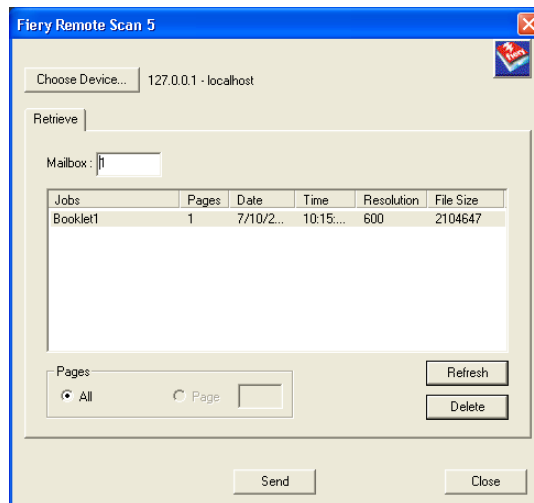
The FieryBar Scan application allows you to retrieve and send scans to specific destinations using the Fiery Advanced Controller Interface (FACI). The FieryBar Scan application user interface and procedures are similar to the Fiery Remote Scan interface for Windows, except you cannot acquire the scan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

NOTE: The FACI is available as an option.

TO RETRIEVE A SCAN FILE USING THE FIERYBAR SCAN APPLICATION

1. At the FACI, right-click the FieryBar and select Scan to start the FieryBar Scan application.
2. Enter the number of the Mailbox in which your scan file is.

All scan jobs in the Mailbox are displayed. If no scan jobs are displayed, click Refresh.



3. Select the scan job you want to retrieve.

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

4. Click Send.

To save the file to a specific destination, see [“Sending the scan job to a specific destination”](#) on page 6-10.

Using Fiery Remote Scan from remote workstations

With the Fiery Remote Scan module, you can retrieve scan files from remote workstations. You can open a scanned job directly into TWAIN-supported host applications or send the scanned job to a particular destination.

Retrieving scans using Fiery Remote Scan

When you use Fiery Remote Scan, you can upload it into a TWAIN supported host application, send it to the Hold queue, remote workstation disk drives, an FTP server, or send it via e-mail.

NOTE: Fiery Remote Scan for Windows and Mac OS versions are similar. The following procedures use Windows 2000 illustrations with any Mac OS differences noted.

NOTE: In the following procedures, Adobe Photoshop is used as a TWAIN-supported host application. For information on how to access Fiery Remote Scan in other TWAIN-supported host applications, see the application documentation.

TO RETRIEVE SCANNED JOBS INTO PHOTOSHOP WITH THE FIERY REMOTE SCAN APPLICATION OR THE FIERY TWAIN PLUG-IN MODULE

1. Start the Fiery Remote Scan Application, or in Adobe Photoshop, choose Import from the File menu and click Fiery Remote Scan 5.
2. Verify that the Fiery S300 is selected as a scanning device.

Fiery S300 Name and Device Name

Fiery Remote Scan 5

Choose Device... Aero - device name

Retrieve

Mailbox :

Jobs	Pages	Date	Time	Resolution	File Size
------	-------	------	------	------------	-----------

Pages
☒ All ☐ Page

Refresh
Delete

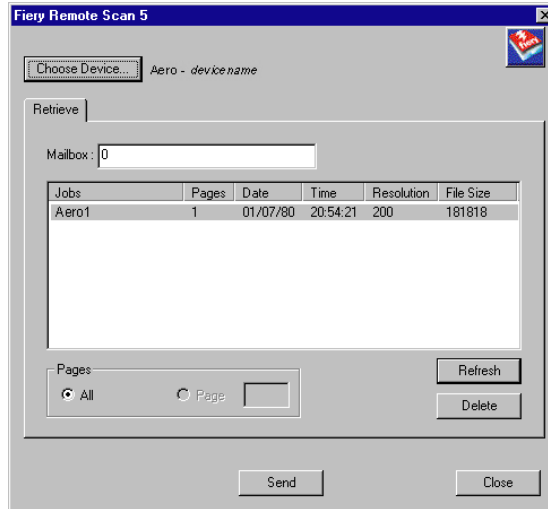
Send Close

3. If the Fiery S300 is not selected, click Choose Device to select the Fiery S300 as your scanning device.

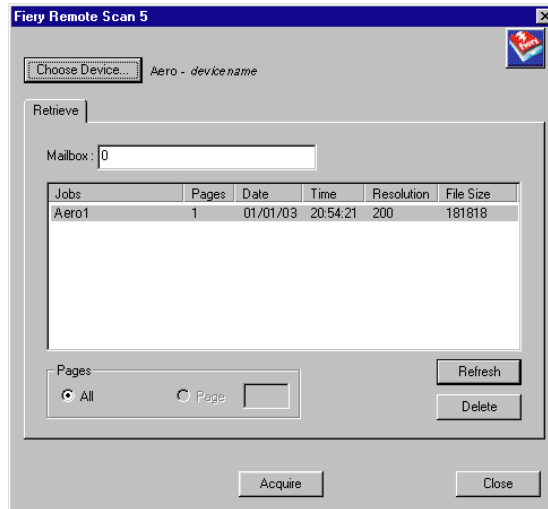
For information on how to configure communication with and select the Fiery S300, see the *User Software Installation Guide*.

4. Enter the number of the Mailbox in which your scan file is into the Mailbox field.

All scan files for that mailbox are listed.



Fiery Remote Scan Application



Fiery Remote Scan TWAIN plug-in

NOTE: If no scan files appear, click Refresh.

5. Select the job by clicking it.

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

6. Select Send (Fiery Remote Scan Application) or Acquire (Fiery Remote Scan TWAIN Plug-in module).

If you choose Acquire, the scan file will automatically open in the host application, where you can view and edit the scanned file. If you choose Send, you will send the scan file to a specific destination. For more information, see [“Sending the scan job to a specific destination”](#) on page 6-10.

To delete a scanned job from the Fiery S300, select the job and click Delete.

Sending the scan job to a specific destination

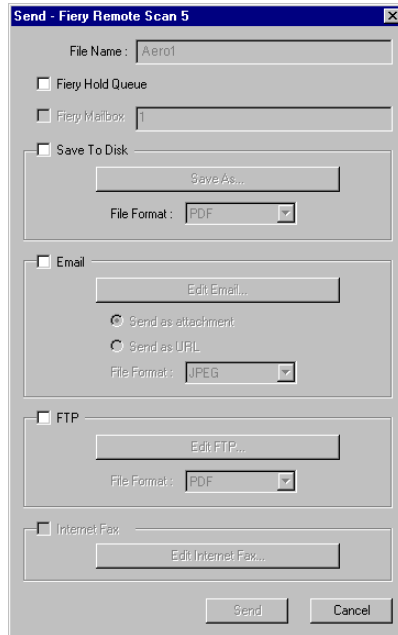
When you send a scan, you can select the Fiery Hold Queue, Save to Disk, Email, and/or FTP. Fiery Remote Scan allows you to send your scan job to more than one destinations at a time. For example, you can select Fiery Hold Queue and Scan to Disk to send your scan job to the Fiery S300 Hold queue and a hard disk to which you have access on the network.

TO SEND A SCAN JOB TO THE FIERY S300 HOLD QUEUE

When you send a scan file to the Hold queue, the Fiery S300 automatically stores the file on the Fiery S300 hard disk. This allows you to manipulate the file using DocBuilder Pro and Command WorkStation/Comment WorkStation LE. For information about using DocBuilder Pro and Command WorkStation/Command WorkStation LE, see the *Job Management Guide*.

1. After selecting the scan file to send, click **Send** at the bottom of the **Fiery Remote Scan** window.

The **Send** dialog box appears.



2. Select **Fiery Hold Queue** to send the job to the Hold queue.
3. Click **Send**.

Now you can find your scan file in the Hold Queue from the job management tools.

TO SEND A SCAN JOB TO A DISK DRIVE

When you select Scan to Disk, you can send a scan file to any hard disk you can access from your workstation. This allows you to place the scan file in another workstation, for example, to edit with Adobe Photoshop.

1. **After selecting the scan file to send, click Send at the bottom of the Fiery Remote Scan window.**

The Send dialog box appears.

2. **Select Save to Disk.**
3. **Select a file format from File Format and click Save As.**
4. **Select the drive location, enter a file name, and click Save.**
5. **Click Send.**

TO SEND A SCAN JOB VIA E-MAIL

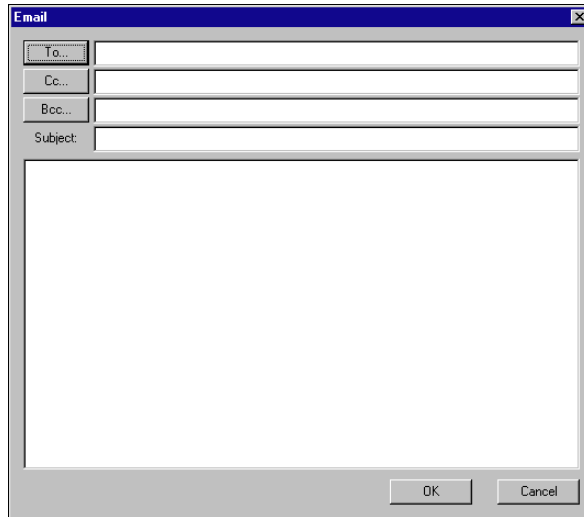
When you send a scan file via e-mail, you can send the scan file as either an attachment or a URL. If you send an attachment that exceeds the maximum scan file size specified, the scan file is automatically sent as a URL.

1. **After selecting the scan file to send, click Send at the bottom of the Fiery Remote Scan window.**

The Send dialog box appears.

2. Select Email and click Edit Email.

The Email message window appears.

**3. Enter an Email address in the To: field, or browse the list of Email 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, and choose a File Format.**

NOTE: Scanned TIFF files are in TIFF 6 format.

NOTE: If you open a TIFF 6.0 format file, use an application that supports this format. Scan jobs with multiple pages are not supported on some applications using TIFF 6. For more information, see your application documentation.

6. Click Send.

TO SEND A SCAN JOB TO A FTP SERVER

By selecting FTP, you can make your scan file available to those who have access to an FTP server. You need the FTP server information to access this feature.

1. **After selecting the scan file to send, click Send at the bottom of the Fiery Remote Scan window.**

The Send dialog box appears.

2. **Select FTP and click Edit FTP.**

The FTP Destination dialog box appears.

The screenshot shows a dialog box titled "FTP Destination - Fiery Remote Scan 5". It contains the following fields and controls:

- Server Name: [Text Field]
- Path: [Text Field]
- Port Number: [21] [Use Default Port checkbox checked]
- Timeout: [30] Seconds
- User Name: [anonymous] [Anonymous Login checkbox checked]
- Password: [Text Field]
- Proxy Enable: [checkbox unchecked]
- Proxy Address: [Text Field]
- Proxy Port Number: [21] [Use Default Port checkbox checked]
- Proxy User Name: [Text Field]
- Proxy Password: [Text Field]
- Buttons: Validate, OK, Cancel

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

If a proxy server is enabled, select Proxy Enable and enter the information for the proxy server.

4. **Indicate whether you want to send the file as an attachment or a URL, and choose a File Format.**

NOTE: Scanned TIFF files are in TIFF 6 format.

NOTE: If you open a TIFF 6.0 format file, use an application that supports this format. Scan jobs with multiple pages are not supported on some applications using TIFF 6. For more information, see your application documentation.

5. Click **Send**.

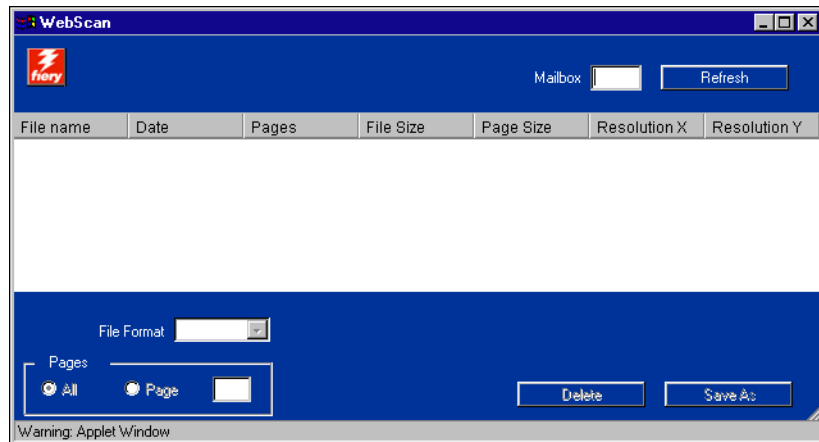
Retrieving scans using Fiery WebScan

Using Fiery WebScan, you can retrieve scan jobs in the Fiery S300 Mailboxes to your remote workstation.

TO RETRIEVE SCAN JOBS USING FIERY WEBSCAN

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

The WebScan window appears.

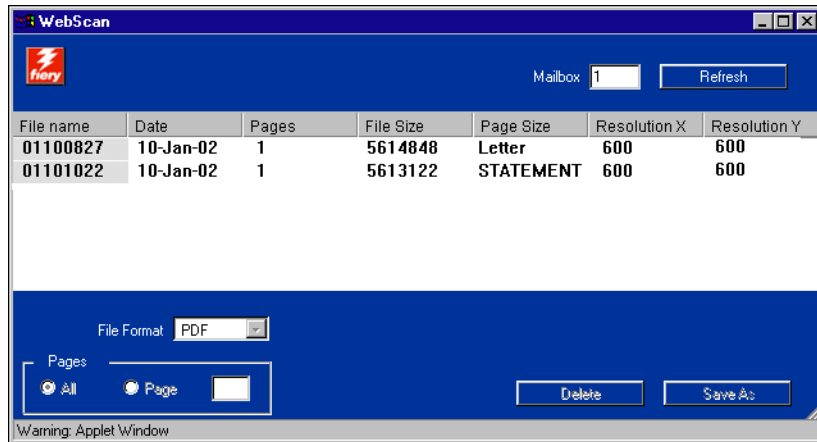


2. Enter a Mailbox number, in which your scan file is, into the Mailbox field.

3. Click Refresh.

All scan files in the Mailbox are displayed.

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.

NOTE: Scanned TIFF files are in TIFF 6 format.

NOTE: If you open a TIFF 6.0 format file, use an application that supports this format. Scan jobs with multiple pages are not supported on some applications using TIFF 6. For more information, see your application documentation.

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

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

7. 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.

To delete a scanned image from the Fiery S300 Mailbox, select the scan job that you want to delete from the WebScan window and click Delete.

Chapter 7: Using the EFI Converter

This chapter describes how to use the EFI Converter application to convert TIFF/IT-p1 files to PS or EPS file formats. The 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 computers only.

NOTE: The Fiery Graphic Arts Package is available as an option.

TIFF/IT file formats

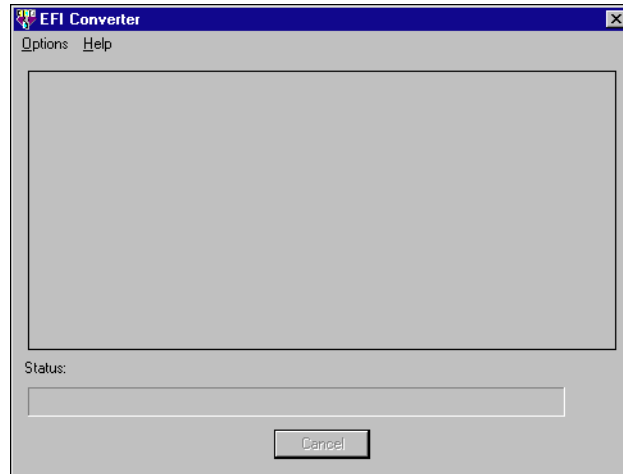
TIFF/IT-p1 is a common file format for the transfer of final print job data from one print platform to another. It is a widely used format for prepress preparation in traditional printing environments.

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

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

Setting the 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.

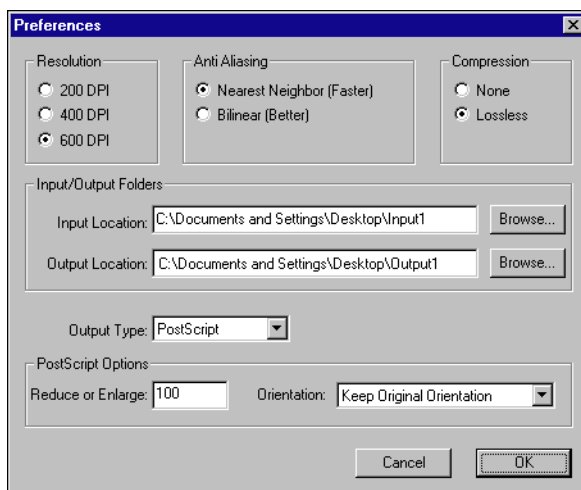
If you specify an Input Folder, you must also create an Output Folder. The Output Folder stores all successfully converted PS or EPS files. Hot Folders can monitor the Output Folder and transfer files automatically to the Fiery S300. For more information on Hot Folders, see [“Using EFI Hot Folders”](#) 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 or 400.

NOTE: Specifying 600 dpi for Resolution will have no effect.

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.)

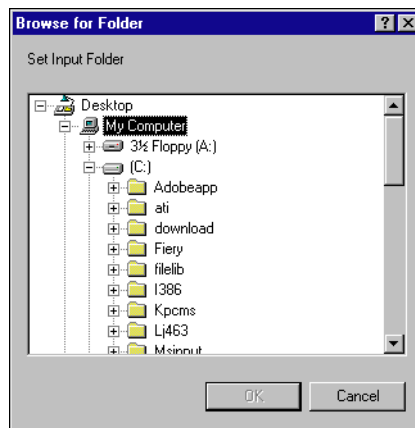
Orientation—Choose Always Portrait, Always Landscape, or Keep Original Orientation.

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.

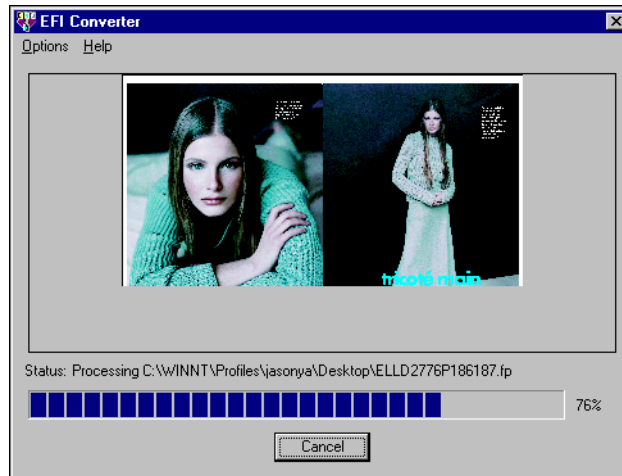
The conversion process will not start if you have invalid file types or if you are missing subfiles. All required subfiles must be complete when converting a file.

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

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 Fiery S300. The Hot Folders application is a feature of the Fiery Graphic Arts Package.

NOTE: The Fiery Graphic Arts Package is available as an option.

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, 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 Fiery S300 may offer only restricted file format support. These restrictions vary, depending on the Fiery S300 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 Fiery S300 offers full support for PostScript and PDF jobs if you assign only printer default options to a Hot Folder.

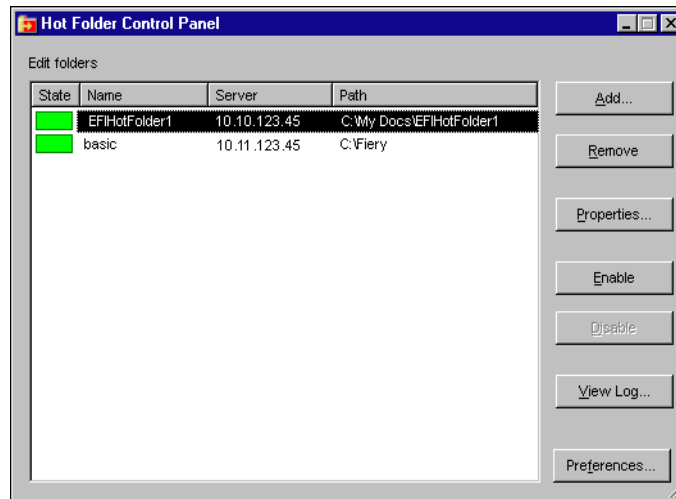
For information on setting print options, see [Appendix A](#).

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

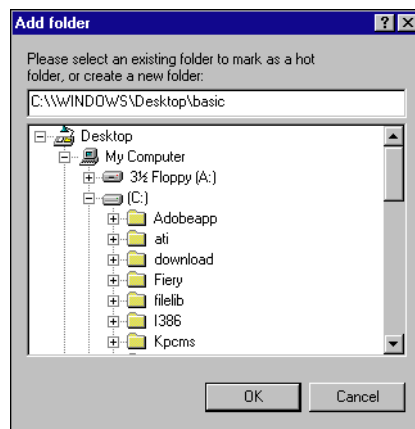
Each Hot Folder you create resides on your hard disk and contains all the files and subfolders corresponding to information about your jobs. You can print jobs by dragging and dropping them onto this folder.

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.

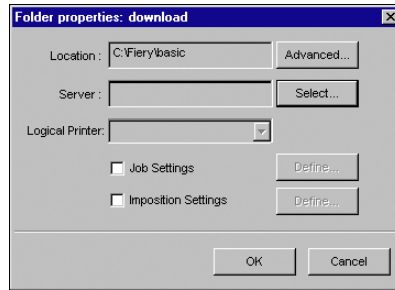
The Add folder dialog box appears.



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).

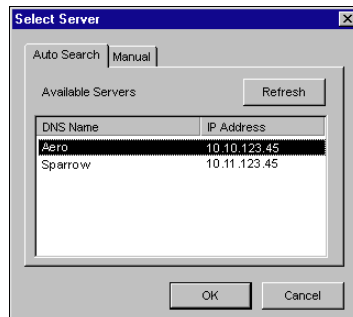
4. In the Server field, click Select.

The Select Server dialog box appears.

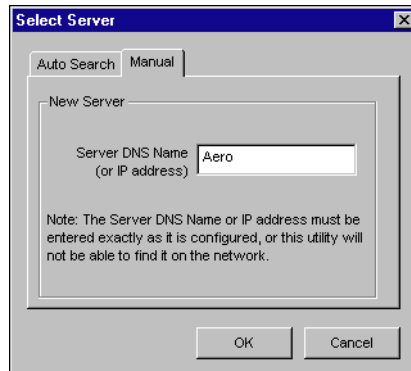
5. To configure the connection to the Fiery S300 server in a local subnet, click the AutoSearch tab.

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 Fiery S300, click the Manual tab and enter the IP address or DNS name of the Fiery S300 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 8-10.
8. Click OK.

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

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 8-10.

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.

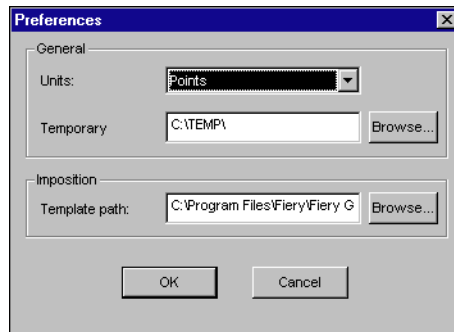
Setting Hot Folder preferences

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.



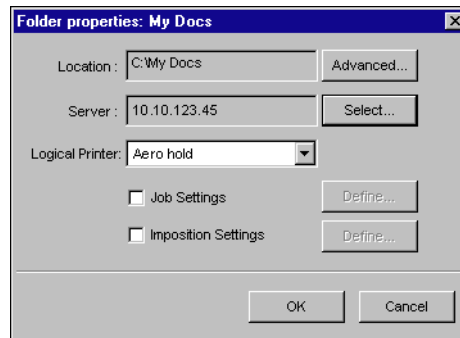
2. To specify the default unit of measurement, choose an option from the Units menu.
The default unit of measurement is used for several imposition settings.
3. To specify a folder location for temporary files created by the Hot Folders application while processing jobs, click **Browse**, select the 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.

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.

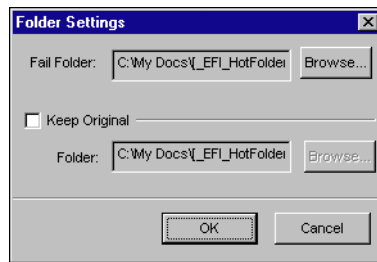
Work Folder—a private folder used by the Hot Folder while processing a print job.

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

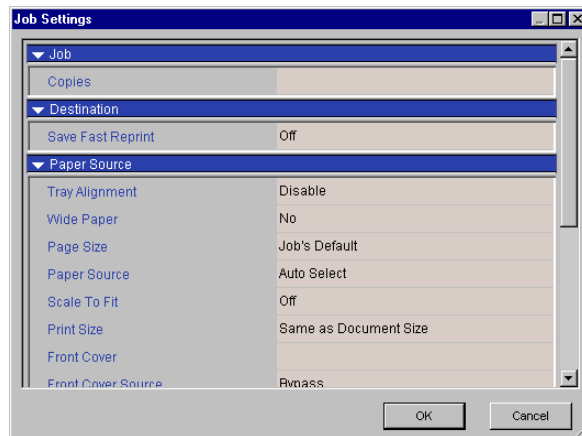
You can assign print options to your Hot Folder as you would to any print job. When you specify print options for a Hot Folder, the print options are assigned to all jobs sent through that Hot Folder. These print options override any default options that may be associated with the destination printer 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 installed and enabled on the Fiery S300, 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](#).

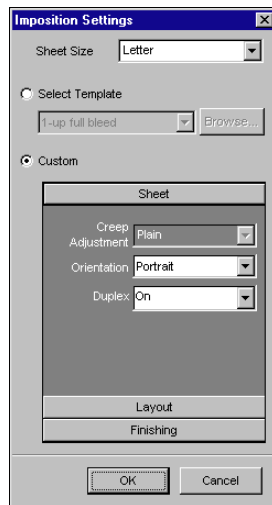
NOTE: The Direct connection is not supported when setting imposition options for a folder.

NOTE: DocBuilder Pro is available as an option.

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 Fiery S300.



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*.

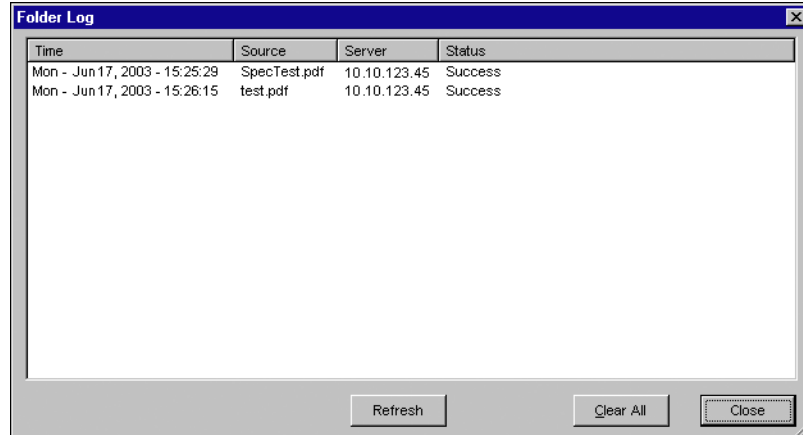
Viewing Hot Folder Job Logs

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

Fiery S300 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.

- The job management tools all provide the capability to view and control the flow of print jobs to the Fiery S300. If the administrator has set Administrator and Operator passwords in Setup, you must have one of these passwords to perform most of the job management tools 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 Fiery S300, anyone can use them.
- Job Monitor, a utility designed to give you up-to-date status on print jobs and connected Fiery S300 servers, is also available to all users.

Accessing Fiery WebTools

Fiery WebTools reside on the Fiery S300's hard disk drive, but can be accessed over the network from a variety of platforms. The Fiery S300 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 the Installer WebTool™, 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 Fiery S300.**

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 Fiery S300 home page appears, click to select one of the Fiery WebTools.

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

Checking Fiery S300 status with Fiery WebStatus

You can use Fiery WebStatus™ to see what jobs are currently processing and printing. To access Fiery WebStatus, open the Fiery S300 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 Fiery S300. As long as you keep the Status window open, it is dynamically updated.

To obtain more information about the status of jobs, use the job management tools, as described in the *Job Management Guide*. You can also use Job Monitor. For how to launch Job Monitor, see “Job Monitor” on page 9-3.

Accessing information with WebLink

WebLink on the Fiery S300 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 Fiery S300 WebLink for any information available there.

Job Monitor

Job Monitor allows you to track the status of jobs sent to the Fiery S300. In addition, Job Monitor tracks the status of consumable materials on the Fiery S300 and alerts you to any errors that interfere with printing. If you have more than one Fiery S300, you can use Job Monitor to monitor all of them at the same time.

To access Job Monitor, you have to install the Windows printer driver for Fiery S300, as described in the *User Software Installation Guide*.

NOTE: Job Monitor is available only on Windows computers.

If you select Run at Windows startup in the Job Monitor Preferences dialog box, Job Monitor automatically launches in the background each time you start your Windows computer. For how to access the Job Monitor Preferences dialog box, see the Job Monitor Help file after launching the utility.

If Job Monitor does not launch automatically or has been exited, launch it manually, as described in the *User Software Installation Guide*.

For more information on Job Monitor, see the Job Monitor Help file. To access the Job Monitor Help file, click Help in the Tool bar.



Chapter 10: Using Fiery E-mail Service

The Fiery E-mail Service allows you to remotely print to and control the Fiery S300 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 Fiery S300 as e-mail attachments.

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

- Print using an E-mail Client
- Print using the Fiery S300 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 Fiery S300. The attachment can be in any format the Fiery S300 recognizes (PS, EPS, PDF, and TIFF).

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 Fiery S300 when you choose Print from an application. For more information about setting up the E-mail Port Monitor, see the *User Software Installation Guide*.

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 Fiery S300 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 Fiery S300 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 Fiery S300 Print queue. The file format must be one supported by the Fiery S300.

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 Fiery S300 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.

NOTE: HTML-formatted e-mail messages are printed in HTML source codes, not as they appear on the remote workstation.

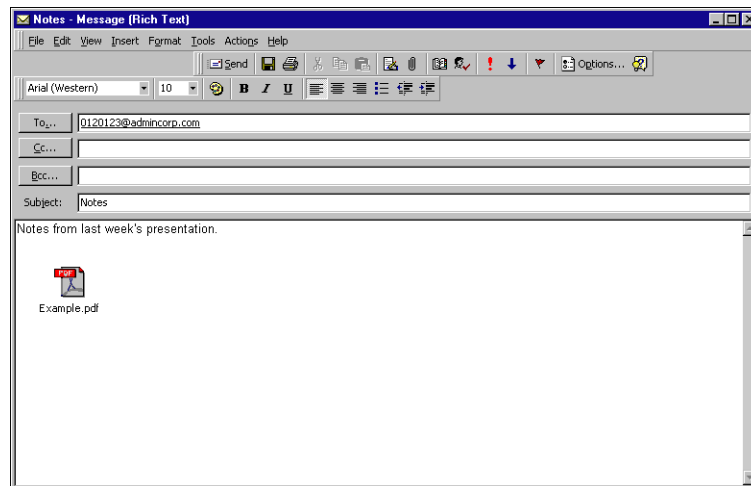
TO PRINT USING AN E-MAIL CLIENT

1. **Open your e-mail application.**
2. **Enter the Fiery S300 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.

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 Fiery S300 and the job is printed. After the Fiery S300 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 Fiery S300 via e-mail. You can cancel a job, check job status, and inquire help on a job. Once you send a command, the Fiery S300 returns an e-mail response.

TO MANAGE PRINT JOBS WITH JOB CONTROL

1. In your e-mail application, enter the Fiery S300 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 Fiery S300. 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 be 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

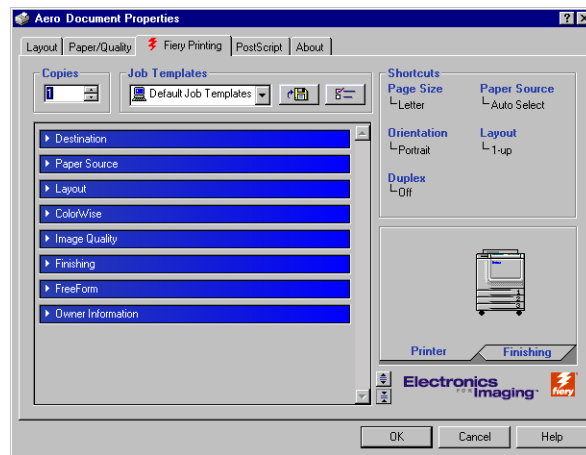
Once you set up the E-mail Port Monitor, you can print using E-mail Service in the same manner as any other printing method. No additional steps are necessary.

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

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 Fiery S300 is selected as your printer and you have set up the E-mail Port Monitor for the Fiery S300.
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.

6. Click OK again to send your job to the Fiery S300.

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

Appendix A: Print Options

Print options give you access to the special features of your copier and Fiery S300. Print options can be specified in several places—in Fiery S300 Setup, or from the printing application, Fiery Downloader, ColorWise Pro Tools, and the job management tools. The table in this appendix briefly describes each print option and default setting, and provides information on any constraints or requirements in effect.

About printer drivers and printer description files

The Fiery S300 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 Fiery S300 by means of a printer driver and printer description (PPD) files. The driver allows you to use special features of the Fiery S300 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 Fiery S300.

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 Fiery S300, 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 printer drivers, you can specify job settings when you print a job. For information about specifying job settings from applications, see [Chapters 1 and 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](#).

- From Hot Folders

You can assign a group of print options for a Hot Folder. 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. For more information, see [Chapter 8](#).

- Overrides from the job management tools

To change job settings from Command WorkStation, double-click a job to display the Job Properties dialog box. To change job settings from 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 Fiery S300 Setup and ColorWise Pro Tools settings.
- Settings made from the job management tools 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 Fiery S300 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 Fiery S300 printing the job with the Setup setting specified. For options that cannot be configured in Setup, the Fiery S300 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 Fiery S300 Control Panel.



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Back Cover <u>None</u> /Blank/Printed	Specify if you want a back cover at the end of your print job. If you need a back cover, specify if it needs to be Blank or Printed. The Printed setting prints the last page of the job on the back cover.	
Back Cover Source Tray 1/Tray 2/Tray 3/ Post Inserter Upper Tray/ Post Inserter Lower Tray/LCT/ <u>Bypass</u>	Specify the paper source for the back cover.	
Black Overprint <u>Printer's default</u> / Off / Text / Text/Graphics	Select Off to print black text and graphics with knockouts. Select Text to overprint black text. Select Text/Graphics to overprint black text and graphics.	The Printer's default setting reflects the setting specified in Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option. If this option is set to Text or Text/Graphics, the Combine Separations option must be set to Off. For more information, see the <i>Color Guide</i> .
Booklet <u>Off</u> /Left Binding/Right Binding/ Perfect/Double Print/Speed Print	Specify to arrange the pages of your job in special layouts for folding or cutting after printing.	For more information, see page A-13 .
Brightness 85% Lightest/90% Lighter/95% Light/ <u>100% Normal</u> /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.	
Centering <u>XY</u> /Top X/Bottom X/Left Y/Right Y	Specify how you want the images positioned on the page for imposition printing.	For more information, see page A-15 .



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
CMYK Simulation Method <u>Printer's default</u> /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 Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the Color Guide .
CMYK Simulation Profile <u>Printer's default</u> /SWOP-Coated/ DIC/Euroscale/ Simulation-1/Simulation-2/ Simulation-3/Simulation-4/ Simulation-5/Simulation-6/ Simulation-7/Simulation-8/ Simulation-9/Simulation-10/Match Copy/None	Specify the simulation goal to be used for the current print job.	The Printer's default setting reflects the setting specified in Fiery S300 Setup. For Windows, choose Expert Color as the Print Mode to access this option. For more information, see the Color Guide .
Color Mode <u>Printer's default</u> /CMYK/Grayscale (from Mac OS) OR Print Mode <u>Standard Color</u> /Expert Color/Grayscale (from Windows)	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 Fiery S300 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.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Combine Separations <u>Off</u> /On	When printing separations from supported desktop publishing applications: 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 .
Copies <u>1</u> -999	Specify the number of copies of the job to print.	Do not enter a value greater than 999.
Create Master <u>None</u> /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.
Creep On/ <u>Off</u>	Use this option to adjust images that may shift from the center of the sheet in booklet print jobs.	Creep can occur when booklet jobs have a large number of pages or when booklet jobs are printed on thick media. For more information, see page A-16 .
Duplex <u>Off</u> /Top-Top/Top-Bottom	Specify whether the job should print single-sided or double-sided (duplex), by specifying the orientation of printed images.	For more information on duplex printing, see page A-16 .
Folding <u>Off</u> /Center Fold/3 Fold/ Center Fold with Trim	Specify how you want your job to be folded.	A Finisher must be installed for Center Fold and 3 Fold. The Trimmer Unit must be installed for Center Fold with Trim.
Front Cover <u>None</u> /Blank/Printed	Specify if you want a front cover at the beginning of your print job. If you need a front cover, specify if it needs to be Blank or Printed.	



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Front Cover Source <u>Tray 1</u> /Tray 2/Tray 3/ Post Imposer Upper Tray/ Post Imposer Lower Tray/ <u>LCT/Bypass</u>	Specify the paper source for the front cover.	
Gloss Print <u>Off</u> /On	Specify if you want to gloss the printing like a photograph.	This function is available when media type is Plain Paper and Duplex is set to Off.
Group Name	If Printing Groups is enabled, the Fiery S300 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 Fiery S300 Administrator has assigned users to print groups, and passwords to each group. Enter the appropriate Group Password for the print job.	
Halftone Screen <u>Printer's default</u> /Contone/Newsprint/ Application Defined/ User Defined Screen 1/ User Defined Screen 2/ User Defined Screen 3	Specify the screening method for your print job. Select Contone if you do not use halftone screening for your print job. Select Newsprint if you want a look and feel similar to newspaper for your print job. Select Application Defined if you use the screening set by the application. Select User Defined if you use the screening set by the Fiery S300.	This option is available as part of the Fiery Graphic Arts Package. Printer's default and User Defined Screen 1-3 are set in Fiery S300 Setup. For more information, see the Configuration Guide . Printing results may vary between Application Defined and User Defined if their respective settings are identical.
Hole Punch <u>Off</u> /Left/Right/Top	Specify if you want to punch holes for your job.	The Punch Kit must be installed in order to use this option.



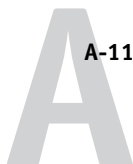
Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Image Order <u>1 to N</u> /N to 1	Specify if you want your job to be printed in the forward (1 to N) or reverse (N to 1) order. “N” refers to the number of pages in your job.	To print in the correct page order, set the Page Order option to Face Down if setting this option to 1 to N, and set Page Order to Face Up if setting this option to N to 1.
Instructions	Enter instructions for the operator about the job.	
Mixed Media <u>No</u> / (define mixed media)	Click Define to specify media types for specific pages.	For more information, see page A-17 .
Notes	Enter information about the job.	The Notes field has a 32-character limit.
Optimize PowerPoint <u>Off</u> /On	Select On when printing PowerPoint files to the Fiery S300.	Setting this option to On can reduce the processing time for PowerPoint print jobs.
Orientation <u>Portrait</u> /Landscape	Specify the orientation of the document. Select Landscape to rotate the pages of a landscape-oriented job 180 degrees.	
(Other) Gamma <u>Printer’s default</u> /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 <u>Printer’s default</u> /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 .
(Other) White Point <u>Printer’s default</u> /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 .



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Output Profile <u>Use Server's Default</u> / Use Media Defined Profiles/ 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. Select Use Media Defined Profiles for Mixed Media jobs	The Use Server's Default setting reflects the setting specified in ColorWise Pro Tools or the Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the Color Guide .
Output Tray <u>Main Tray</u> /Sub Tray	Specify the output bin for your print job.	
Page Order <u>Printer's default</u> /Face Up/Face Down	Select Face Down to print the pages of your job from first to last. Select Face Up to print the pages of your job from last to first.	The Printer's default setting reflects the setting specified in Fiery S300 Setup. To print in the correct page order, set the Image Order option to 1 to N if setting this option to Face Down, and set Image Order to N to 1 if setting this option to Face Up.
Page Range <u>All</u> /Even/Odd	Specify if you want to print all pages or just even or odd pages.	This option can be set from the job management tools.
Page Size <u>8.5x11</u> /8.5x11R/A4/A4-R/A3/A5-R/ 8.5x14/11x17/5.5x8.5R/A6R/B4/B5/ B5-R/B6-R/8K/16K/16KR/13x19/ 12x18/F4(8x13)/8.5x11 Tab/ A4 Tab/Custom Page Sizes	Specify the size of the paper on which to print the document.	8.5x11 (US) or A4 (International) is displayed as the default page size depending on the printer driver you installed.
Paper Simulation <u>Printer's default</u> /Off/On	Specify if you want to adjust color output to compensate for the white point value of a target paper stock being simulated.	This option is available as part of the Fiery Graphic Arts Package. For more information, see the Color Guide .



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Paper Source <u>Auto Select</u> /Tray 1/Tray 2/Tray 3/ LCT/Bypass	Specify the paper tray to use for your print job.	The Auto Select setting automatically selects the tray containing the paper size specified for the job. When you load paper of a different type into a tray, you must assign the paper into the tray at the copier control panel. For more information, see page A-21 .
Print Master <u>Printer's default</u> /Yes/No	When you create a Master page from an application and set this option to On, the Master file will print. If the option is Off, when you try to print the file, it will not print.	This option is selectable only if Create Master is enabled.
Print Mode	See Color Mode.	
Print Size <u>Same as Document Size</u> /8.5x11/ 8.5x11R/A4/A4-R/A3/A5-R/8.5x14/ 11x17/5.5x8.5R/A6R/B4/B5/B5-R/ B6-R/8K/16K/16KR/13x19/12x18/ F4(8x13)/8.5x11 Tab/A4 Tab	Specify the print size of the document. If the document size is different from the selected print size, the document will be scaled and printed at the specified print size.	
Pure Black Text/Graphics <u>Printer's default</u> /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 Fiery S300 Setup. For Windows, choose Expert Color as the Print Mode to access this option. For more information, see the Color Guide .
Remove White PPT Background <u>No</u> /Yes	Select Yes when using PowerPoint to create variable data in conjunction with FreeForm.	



Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Rendering Style <u>Printer's default</u> /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 Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the Color Guide .
RGB Separation <u>Printer's default</u> /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 to the device you are printing.	The Printer's default setting reflects the setting specified in Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option.
RGB Source Profile <u>Printer's default</u> /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 Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the Color Guide .
Rotate 180 <u>Yes</u> /No	Specify if you want to rotate the pages of your job 180 degrees.	This option is only available from the printer drivers. 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 <u>Off</u> /On/RIP only	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% <u>100%</u>	Specify a scaling override for your print job.	<p>This option is available only as an override from the job management tools.</p> <p>NOTE: The supported range is 25 to 400.</p> <p>NOTE: This option is <i>not</i> the same as the Scale option available from the printer driver.</p>
Scale to Fit On/<u>Off</u>	Specify whether to scale your job to fit to a paper size.	For more information, see page A-22 .
Secure Print	Enter an arbitrary password for secure printing, and your job is held at the Fiery S300. To print your job, enter the password at the Fiery S300 Control Panel.	This option field has a 8-character limit. For more information, see page A-22 .
Smoothing On/<u>Off</u>	Specify whether you want to smooth the text.	To set this option to On, you must set the CMYK Simulation Method option to Full (Output GCR) and select the Use Media Defined Profile option.
Sorter <u>Off</u>/Sort/Offset Sort/Offset Group/Group	Specify how to output multiple-page/multiple-copy jobs.	
Spot Color Matching <u>Printer's default</u>/Off/On	<p>Select Off to print specified PANTONE colors in your job using the current CMYK Simulation and CMYK Simulation Method.</p> <p>Select On to activate the PANTONE Lookup Table. The Fiery S300 prints specified PANTONE colors in your job by matching the CMYK print blend to the same color from the PANTONE library.</p>	<p>The Printer's default setting reflects the setting specified in Fiery S300 Setup. For Windows, choose Expert Color as the Color Mode to access this option. For more information, see the Color Guide.</p>
Stapling Mode <u>Off</u>/1 Left/1 Right/2 Left/2 Right/2 Top/Center	Specify whether or not to staple completed print jobs.	Staple Finisher or Staple & Fold Finisher must be installed in order to use this option.

Option and settings (default setting is underlined)	Description	Requirements, constraints, and information
Toner Save Mode <u>On/Off</u>	Select On if you want to conserve the amount of toner used when printing a job.	
Tray Alignment <u>Enable/Disable</u>	Specify if you want to enable tray alignment.	For more information, see the <i>Job Management Guide</i> .
Use Master <u>None/1-15</u>	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. For more information on creating FreeForm masters in Command WorkStation, see the <i>Job Management Guide</i> .
Wide Paper <u>Yes/No</u>	Select Yes (check the check box) if you print your job on wide-sized paper. For example, if you print on 8.5x11W paper, set Page Size to 8.5x11 and this option to Yes.	LCT (Large Capacity Tray) must be installed to print on wide-sized paper.

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.

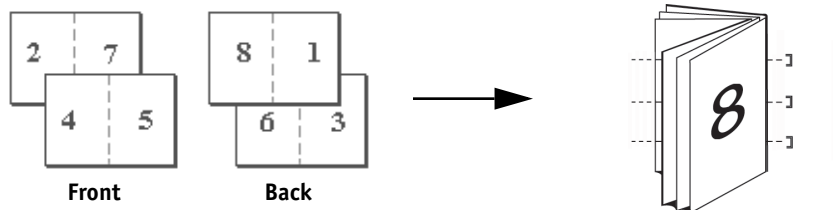
Booklet

Use this option to arrange the pages of your print job in special layouts for folding or cutting after printing.

Off—The job is printed without any imposition features.

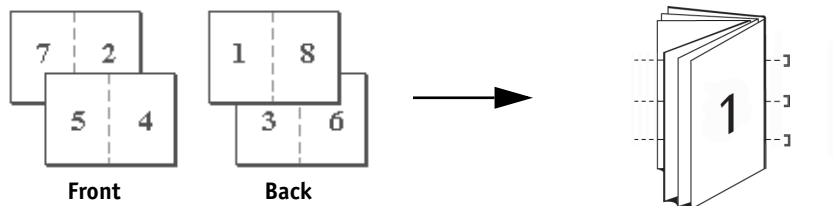
Left Binding—Choose this setting to print entire documents that are folded and stacked in booklet order. The booklet is opened from right to left.

You can also adjust the image shifting that may occur when printing left binding booklet jobs by using the Creep option. For more information, see “[Creep](#)” on page A-16.

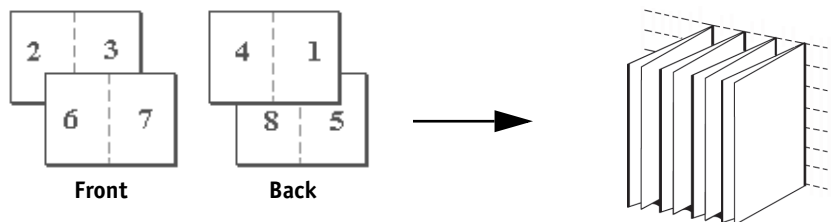


Right Binding—Choose this setting to print entire documents that are folded and stacked in booklet order. The booklet is opened from left to right.

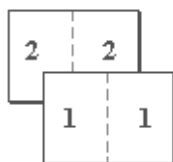
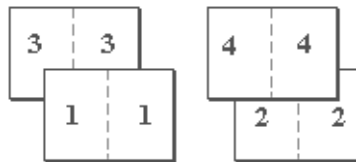
As in Left Binding, you can also adjust the image shifting that may occur when printing right binding booklet jobs by using the Creep option. For more information, see “[Creep](#)” on page A-16.



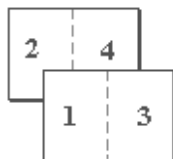
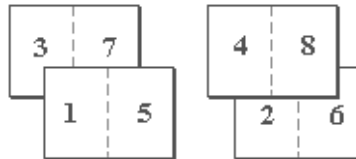
Perfect—Choose this setting to print separate folded pages that are stacked in booklet order.



Double Print—Choose this setting to print a job so that the first page data is duplicated on the first sheet. The next page will have the second page data duplicated, and so forth.



Simplex**Front only****Duplex****Front****Back**




Speed Print—Choose this setting to speed print a job so that when the sheets are stacked and cut from the central position, the job is numbered in order and separated as two stacks.

Simplex**Front only****Duplex****Front****Back****Centering**

Use this option to specify how you want the image positioned on the page.

Refer to the following illustrations when using the Centering option:

Centering setting	Image position on page
XY Positions the image in the center of the page.	
Top X Positions the image so that it is flush with top of the page.	

Bottom X Positions the image so that it is flush with bottom of the page.	
Left Y Positions the image so that it is flush with the left side of the page.	
Right Y Positions the image so that it is flush with the right side of the page.	

NOTE: When the Booklet option is set to any settings other than Off, only XY Centering is supported.

Creep

Use this option to adjust images that may shift from the center of the sheet in booklet print jobs. Creep can occur when booklet jobs have a large number of pages or when booklet jobs are printed on thick media.

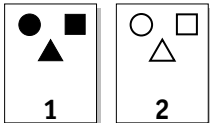
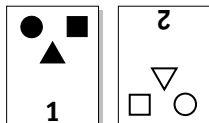
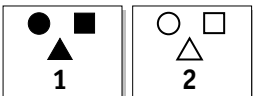
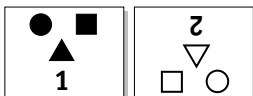
NOTE: To use this option, the Booklet option must be set to Left Binding or Right Binding, and the Duplex option to Top-Top.

Duplex

Top-Top—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-Bottom—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.

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

	Top-Top	Top-Bottom
Portrait		
Landscape		

Mixed Media

With the Mixed Media feature, you can print ranges of pages on different types of media. You can specify the Mixed Media settings when you print the job with the Fiery S300 printer driver for Windows. For example, you can use this option to specify a different media type for the cover, add blank pages, and specify duplex printing on parts of the job. The Mixed Media settings can also be defined or modified from Command WorkStation (see *Job Management Guide*).

The following procedures describe how to define, edit, and delete the Mixed Media settings in the Windows printer driver.

NOTE: The Mixed Media settings are not available in the Mac OS printer driver.

NOTE: The Mixed Media feature does not work on the following jobs: variable data printing, N-up, and imposition (booklet).

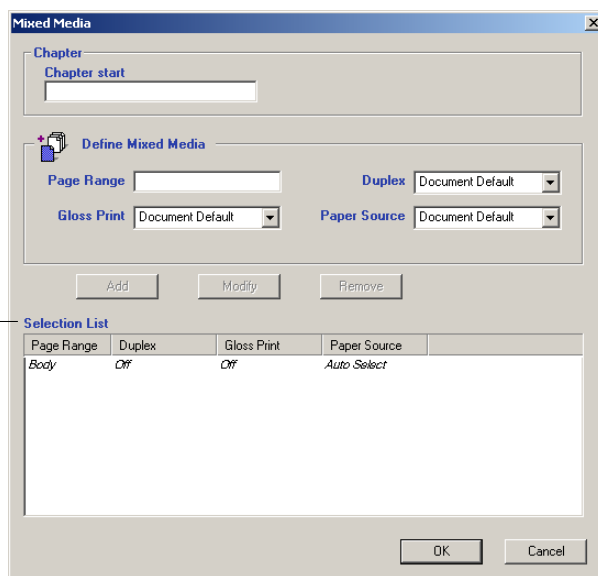
NOTE: If you apply the Mixed Media feature to FreeForm jobs, a master page may be printed on pages that should be blank.

TO PRINT USING MIXED MEDIA ON WINDOWS COMPUTERS

1. Choose **Print** in your application and click **Properties**.
2. Click the **Fiery Printing** tab.
3. Click the **Paper Source** print option bar, and then click **Define**.

The Mixed Media dialog box appears.

Selection List



The Mixed Media dialog box is shown with the following fields and controls:

- Chapter** section: A text field labeled "Chapter start".
- Define Mixed Media** section: Contains four dropdown menus: "Page Range", "Duplex" (set to "Document Default"), "Gloss Print" (set to "Document Default"), and "Paper Source" (set to "Document Default").
- Buttons: "Add", "Modify", and "Remove".
- Selection List**: A table with the following data:

Page Range	Duplex	Gloss Print	Paper Source
Body	Off	Off	Auto Select

At the bottom of the dialog box are "OK" and "Cancel" buttons.

NOTE: Information in *italics* in the Selection List is the default media type for the job. If a range uses this default media type, there is no need to list the range. The term “Body” does not necessarily refer to what you consider the body of the document to be; it means the media type for pages that are not represented in the list with a particular media type.

4. Enter a starting page number of each chapter in the **Chapter start** field if your job consists of multiple chapters and is printed duplex.

Defining Chapter start guarantees an even number of pages to be printed in each chapter. It is recommended to use this field when you print a duplex multi-chapter document. Separate the page numbers by commas. For example, if chapters in a 4-chapter document start on pages 1, 2, 34, and 56, enter 1,2,34,56.

NOTE: Enter all chapter starting page numbers, separated by commas. Your entry in the Chapter start field applies to the entire document regardless of the Page Ranges you specify in the Define Mixed Media area.

5. For each page range, enter the page numbers and specify the options for that range.

You can choose your specifications from the following options:

Page Range—Enter a page number or the range of page numbers. Use a hyphen to define a range of sequential pages. For example, 1-3 prints the first three pages on a particular media type. The range -14 prints the first 14 pages; 5- prints Page 5 through the end of the document. If all the pages in multiple ranges use the same media type, you can combine ranges with a comma; for example, 4-5, 9-10.

You can insert a blank page by entering ^. For example, entering ^6 into the Page Range option inserts a blank page before page 6.

NOTE: You cannot combine a single page with page ranges.

Duplex—Select Top-Top to print duplex so that the top of the image on Side 1 is on the same edge of the page as the top of the image on Side 2, or Top-Bottom to print duplex so that the top of the image on Side 1 is on the opposite edge of the page from the top of the image on Side 2. Duplex must first be selected in the printer driver before you can specify duplex printing with mixed media. The first page of duplex pages is always printed on the front of the sheet.

Gloss Print—Select On if you want to gloss the printing like a photograph.

Paper Source—Select a paper tray with a media you want to use for the range. The media type must be assigned to a tray at the copier control panel. For more information, see [“Paper Source and paper type”](#) on page A-21.

NOTE: Document Default represents the setting you make outside the Mixed Media dialog box. For example, if you set Paper Source to Tray 1 under the Paper Source print option bar, Document Default for Paper Source in the Mixed Media dialog box is equal to Tray 1.

NOTE: If options are not specified for page(s) that fall between specified pages or page ranges in the Selection List, those page(s) are printed with the Body specifications. The Body specifications are the print option settings for all documents currently selected for the printer driver.

NOTE: Make sure to load the correct media types into the correct drawers as defined in the Mixed Media dialog box, as well as under the Paper Source print option bar.

6. Click Add.

Mixed Media

Chapter start

Define Mixed Media

Page Range: 1-5 Duplex: Top-Top

Gloss Print: Document Default Paper Source: Auto Select

Add Modify Remove

Selection List

Page Range	Duplex	Gloss Print	Paper Source
Body	Off	Off	Auto Select
1-5	Top-Top	Document Default	Auto Select

OK Cancel

Your specifications appear in the Selection List.

7. Repeat [step 5](#) and [6](#) for each page or page range you want to print with mixed media options.

TO MODIFY MIXED MEDIA SETTINGS

1. Choose Print in your application and click Properties.
2. Click the Fiery Printing tab.
3. Click the Paper Source print option bar, and then click Define.
The Mixed Media dialog box appears.
4. Select the item you want to modify in the Selection List.
5. Specify the new settings as described on [page A-19](#).
6. Click Modify.
7. Click OK.

TO DELETE MIXED MEDIA SETTINGS

1. **Choose Print in your application and click Properties.**
2. **Click the Paper Source print option bar, and then click Define.**
The Mixed Media dialog box appears.
3. **Select the item you want to delete in the Selection List.**
4. **Click Remove.**
5. **Click OK.**

Optimize PowerPoint

This option improves processing time for PowerPoint jobs that have a large background image size (at least 200 dpi) or a large number of pages on which the background image is placed. If you enable this option on PowerPoint jobs with background images 100 dpi or less, the Fiery can experience a minor performance delay, usually no more than one or two seconds.

Paper Source and paper type

When you load paper into a tray, you must assign the paper to the tray at the copier control panel. If this assigning process is neglected or the information about the paper is incorrect, an inappropriate output profile is applied to the paper when the Use Media Defined Profiles setting is selected. For information on how to assign a paper type to a tray, see the copier documentation.




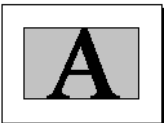
Scale

The operator can specify a scaling override from Fiery Spooler, 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%.

Scale to Fit

This option allows you to scale a job to a paper size different from the image size. When you set this option to On, the image is increased or reduced in size to fit a paper size you select from the Page Size option.

When Scale to Fit is set to Off, the original document size is printed without any scaling, even if you print to a larger paper size.

	Original size Letter	Print Size 11" x 17"
Scale to Fit set to On		
Scale to Fit set to Off		

Secure Print

The Secure Print feature allows you to print your job only when you are present at the Fiery S300 and copier. When using this feature, first you need to enter a password into the Secure Print field in the printer driver upon sending your job to the Fiery S300. To print your Secure Print job, re-enter the password at the Fiery S300 Control Panel as described in the following procedure.

TO PRINT A SECURE PRINT JOB

1. **Enter a password in the Secure Print field in the printer driver and send your job to the Fiery S300.**

For more information on entering the password, see [page 1-4](#) (Windows) and [page 2-3](#) (Mac OS).

NOTE: The password is limited to alphanumeric characters. Do not use symbols.



2. **At the Control Panel on the Fiery S300, press the Menu button to access the Functions menu.**
3. **Scroll down with the down arrow button and press the line selection button next to Secure Print.**
4. **Using the up and down arrow buttons, enter the same password you entered in the Secure Print field.**
5. **Scroll to find your job, and select it by pressing the line selection button next to it.**
6. **If you want to change the number of copies from what you specified in the printer driver, select No. of Copies and enter a new value.**
7. **If you want to print and delete your job from the Fiery S300, select Print and Delete.**

If you want to print and keep your job in the Fiery S300, select Print and Hold.

Your job can be accessed again with the same password.

8. **If you want to delete your job without printing it, select Delete.**

Appendix B:
Font List

This appendix lists the built-in printer fonts included with your Fiery S300.

PostScript printer fonts

The following table lists the 136 built-in PostScript printer fonts on the Fiery S300. 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 Fiery S300 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

PostScript name	Mac OS menu name	Windows menu name, style
ArialMT	Arial	Arial
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

PostScript name	Mac OS menu name	Windows menu name, style
Eurostile-BoldExtendedTwo	Eurostile BoldExtendedTwo	Eurostile ExtendedTwo, Bold
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
HoeferText-Ornaments	Hoefer Text Ornaments	Hoefer 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

PostScript name	Mac OS menu name	Windows menu name, style
StempelGaramond-BoldItalic	StempelGaramond BoldItalic	StempelGaramond Roman, Bold Italic
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-CondensedBold Oblique	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 Fiery S300 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 Fiery S300 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 Fiery S300 on an occasional basis, you can improve performance by logging off when those systems are not in use.

- Avoid printing with the Fiery S300 “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 Fiery S300, with the exception of the Fiery S300 utilities from the User Software CD. Applications other than the Fiery S300 utilities are not supported and can cause system problems.



General printing problems

If this happens	Try this
You cannot connect to the Fiery S300.	<ul style="list-style-type: none">• Make sure the Fiery S300 is not being calibrated from the Control Panel. If the Fiery S300 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 Fiery S300 at any time and that print jobs do not use unexpected calibration.
You cannot select or view one of the queues.	<ul style="list-style-type: none">• Request that your system administrator enable the queue in Setup.
You cannot connect to the Fiery S300 from a Windows computer with Command WorkStation or the Fiery utilities.	<ul style="list-style-type: none">• Make sure the connection is configured correctly. For instructions, see the <i>User Software Installation Guide</i>.
Printing seems to take too long.	<ul style="list-style-type: none">• Print to a queue instead of to the Direct connection. When you print to a queue, the job is stored on the Fiery S300 until it can be processed and printed; when you print to the Direct connection, the job cannot be sent to the Fiery S300 until the previous job is finished processing, so you must wait longer to use your computer.



If this happens	Try this
<p>The Fiery S300 does not respond to a Print command.</p>	<ul style="list-style-type: none">• Make sure the copier was not disconnected. If the administrator or operator has selected Suspend Printing on the Fiery S300 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 Fiery S300 is selected as the current copier. Before printing, you must select the Fiery S300 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 Fiery S300 appears in the Chooser as long as the Fiery S300 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 Fiery S300.• Make sure the job does not contain a PostScript error. Contact the operator, or use Fiery Spooler to check job status. In 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 Fiery S300 Setup. For more information, see the Configuration Guide.
<p>You cannot print with QuarkXPress 3.32 using the PSPrinter 8.7.2 driver on a Mac OS computer.</p>	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Check if your application requires one of the Fiery S300's printer description files.• Your application may require the Fiery S300 PPD. If you print from Adobe PageMaker, make sure the Fiery S300 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Make sure you are using the latest version. If you are updating your Fiery S300 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 <i>User Software Installation Guide</i>.
You cannot print an EPS file using Fiery Downloader.	<ul style="list-style-type: none">• 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 <i>without</i> 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 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.	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• 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 Remote Scan

If this happens	Try this
Fiery Remote Scan does not display.	<ul style="list-style-type: none">• Remove and reinstall Fiery Remote Scan
You cannot launch Fiery Remote Scan through a TWAIN supported host application	<ul style="list-style-type: none">• Check to see if the Fiery Remote Scan TWAIN plug-in module(s) are located in the correct folder. For Windows: Windows\twain_32 or Winnt\twain_32 folder For Mac OS: System Folder\Extensions\TWAIN Data Sources folder• If not, reinstall the TWAIN supported host application

Problems with Fiery WebTools

If this happens	Try this
General problems.	<ul style="list-style-type: none">• Clear the cache (Netscape Communicator) or history (Microsoft Internet Explorer).

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