Quick Start Guide

English

Prinergy Direct

version **2.2**

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www.creo.com

Prinergy Direct

version 2.2

Quick Start Guide

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4,558,302	5,339,176	5,561,691	5,764,374	5,998,067	6,159,659	6,366,339
4,743,091	5,343,059	5,568,595	5,764,381	6,003,442	6,164,637	6,371,026
4,992,864	5,355,446	5,576,754	5,771,794	6,014,471	6,180,325	6,377,739
5,049,901	5,359,451	5,579,115	5,785,309	6,016,752	6,181,362	6,387,597
5,079,721	5,359,458	5,592,309	5,813,346	6,031,932	6,181,439	6,396,422
5,103,407	5,367,360	5,594,556	5,818,498	6,043,865	6,186,068	6,396,618
5,111,308	5,384,648	5,600,448	5,854,883	6,060,208	6,189,452	6,407,849
5,113,249	5,384,899	5,608,822	5,861,904	6,063,528	6,191,882	6,414,755
5,122,871	5,412,491	5,615,282	5,861,992	6,063,546	6,204,874	6,422,801
5,124,547	5,412,737	5,625,766	5,875,288	6,072,518	6,208,369	6,435,091
5,132,723	5,420,702	5,636,330	5,894,342	6,090,529	6,214,276	6,441,914
5,150,225	5,420,722	5,649,220	5,900,981	6,096,461	6,217,965	6,450,092
5,153,769	5,459,505	5,650,076	5,934,196	6,098,544	6,260,482	6,456,396
5,155,782	5,473,733	5,652,804	5,942,137	6,107,011	6,266,080	6,476,931
5,157,516	5,481,379	5,680,129	5,946,426	6,112,663	6,266,134	6,477,955
5,208,818	5,488,906	5,691,823	5,947,028	6,115,056	6,267,054	6,509,903
5,208,888	5,497,252	5,691,828	5,958,647	6,121,996	6,268,948	6,541,181
5,247,174	5,508,828	5,696,393	5,966,504	6,130,702	6,283,589	6,545,772
5,249,067	5,509,561	5,699,174	5,969,872	6,134,393	6,295,076	6,564,018
5,283,140	5,517,359	5,699,740	5,973,801	6,136,509	6,299,572	
5,291,273	5,519,852	5,708,736	5,986,819	6,137,580	6,318,266	
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Welcome

The *Prinergy Direct Quick Start Guide* is designed to introduce you to Prinergy Direct® and get you up and running in the Prinergy® system.

Where to Learn More

The *Prinergy Direct Quick Start Guide* gives you a basic overview of Prinergy Direct, but your main source of information will be the Prinergy Workshop online help.

To access the online help:

- Click the context-sensitive help icon in any dialog box or window to display information about that dialog box or window.
- Select an option from the **Help** menu in any Prinergy window.

The *Prinergy System Administration Guide* provides an overview of the Prinergy system and describes how to configure and back up the system.

PDF Document

The PDF files for all Prinergy documents are available from the Prinergy documentation CD. A PDF of the *Prinergy Direct Quick Start Guide* is also available from the **Help** menu in Prinergy Workshop.

The PDF document can be used for online viewing and printing using Adobe® Acrobat® Reader. When printing the manual, please print the entire manual, including the copyright and disclaimer statements.

For More Information

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1

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What Is Prinergy Direct?

Prinergy Direct is an entry-level Prinergy system that accepts imposed input and outputs to a range of proofing and output devices.

Prinergy Direct offers a remote plating solution for multi-site Prinergy customers who have Prinergy Connect® or Prinergy Powerpack™. Prinergy Direct is also an economical Prinergy solution for printers who already have an imposition solution.

New in This Version

This version of the Prinergy Workshop software includes many enhancements and new features.



For more information about new features, see the Prinergy Workshop online help.

Prinergy Product Family

The Prinergy product family includes the following primary products:

- Prinergy Connect—A full-featured Prinergy system for commercial and publications printer who need page processing, imposition, and film or plate making.
- Prinergy Powerpack—A Prinergy system for offset, flexographic, and gravure packaging printers.
- Prinergy Direct—An entry-level Prinergy system that accepts imposed input and outputs to a range of proofing and output devices.
- Prinergy Publish—A Prinergy system that is configured as a page preparation station. Prinergy Publish converts input files into production-ready format for use in a downstream platemaking workflow, often another Prinergy system.
- Prinergy Newsrun—A Prinergy system designed for newspaper production. Prinergy Newsrun adds newspaper-specific impositions and edition planning to a Prinergy system.

Job Data Formats You Can Use

Input

You can submit job data in the following formats to Prinergy Direct. All job data must be full surfaces that are imaged all at once—for example, a flat or poster.

- PDF files
- PostScript® Level 1, 2, and 3 flats
- EPS (Encapsulated PostScript)
- DCS (Desktop Color Separation) and DCS2 (both single- and multi-file versions)
- ZIP files exported from a Prinergy Connect or Prinergy Powerpack system
- TIFF/IT-P1, if you have the CEPS JTP licensed

  Make sure that TIFF/IT flats are trapped and color-matched before you add them to Prinergy Direct.

The CEPS Conversion section of a refine process plan defines how Prinergy handles TIFF/IT-P1 input files. The CEPS JTP can be used to convert TIFF/IT to PDF format. Alternatively, you can use CEPSLink or another third-party product to convert TIFF/IT files to EPS or DCS formats.

Composite files are preferred, but separated files, such as those created with QuarkXPress® or Adobe PageMaker®, are also acceptable. However, the separations set in separated input files cannot be modified in Prinergy. If you require color matching, you must use composite input files. You can mix composite and separated files in the same Prinergy job.

Output

Prinergy supports the following types of output files:

- Raster DCS 2 (screened or contone)
- Raster EPS (screened or contone)
- Virtual Proofing System
- TIFF (screened or contone)
- Scitex CT (contone)
- HPRTL (screened or contone)
- Epson® 5000 (screened)
- Epson 9000 (screened)
- Kodak Approval™ TIFF (screened)
- Kodak Approval EPS (screened)
- JPEG (contone)
- BMP (screened)

Client-Server System Architecture

A standard Prinergy Direct system includes two computers: a client and a server. The client and server work together to perform job processing. This system gives you increased processing power and efficiency.

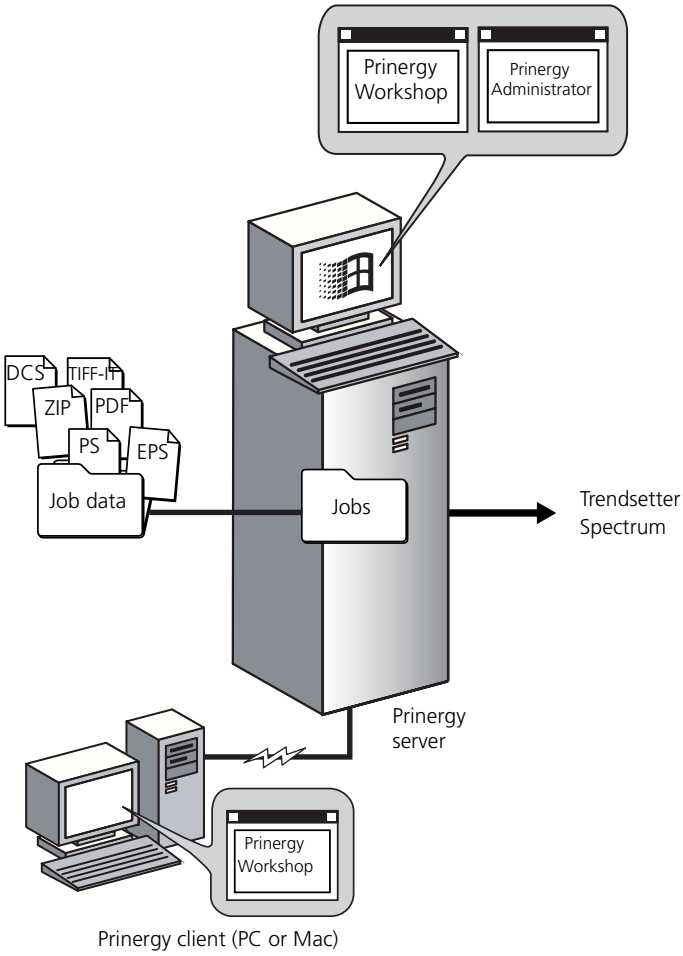


Figure 1: Standard Prinergy Direct system

The Server

The Prinergy primary server is a personal computer running Windows 2000. The primary server coordinates requests from Prinergy Workshop and maintains the Oracle® database, which stores Prinergy job information.

The Client

The client can be either a Macintosh computer running OS 9.2 or OS 10.1.3 or later, or a personal computer running Windows 2000, as qualified by Creo. The client machine runs Prinergy Workshop, the main user interface for Prinergy Direct. Job processing, including creating, editing, and monitoring jobs, is done in Prinergy Workshop.

Prinergy Direct comes with one client, but you can add more if you need to.

Prinergy Direct Elements

This section introduces you to the following elements that you will work with in Prinergy Direct:

- Groups
- Jobs
- Pre-jobs
- Process plans
- Workflow plans
- Hot folders

Groups

You can use groups to organize Prinergy jobs and pre-jobs.

For example, you can create a group for a monthly magazine that you print called Magazine X. In the Magazine X group, you can create a job for each issue of the magazine—for example, September 2003, October 2003, and so on.

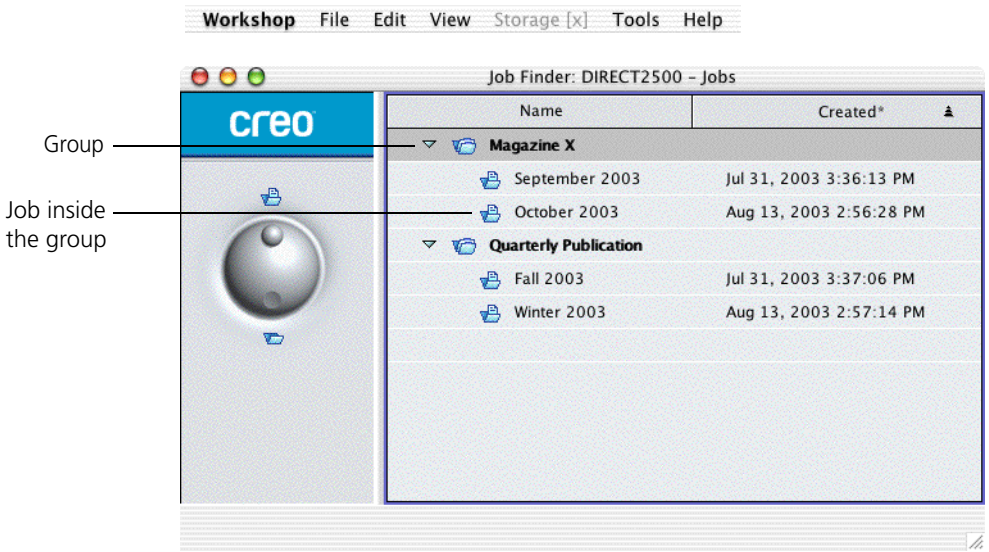


Figure 2: Job Finder

You cannot see groups on the Macintosh desktop or Windows Explorer—only in Job Finder. You can create groups within groups.

Jobs

A job is the unit used to organize work in Prinergy. Typically, you create a job for each publication you print. You create a job and submit job data to it.

Pre-Jobs

Pre-jobs are used if you import a .zip file from a Prinergy Connect or Prinergy Powerpack system. When you drop a .zip file into the pre-job hot folder, Prinergy automatically creates a new job.

Process Plans

A process plan is a collection of user-defined settings that tells Prinergy how to perform a process—for example, converting spot colors to process colors or creating a Virtual Proofing System proof. Process plans automate repetitive workflow tasks, saving time and reducing errors.

Process plans are created and edited in the Process Plan Editor. Process plans can be organized into groups.

To be able to create, edit, and delete process plans and workflow plans, an operator must be assigned this user right in Prinergy Administrator.

Workflow Plans

Workflow plans let you combine several process plans. When you use a workflow plan, Prinergy automatically performs a series of processes—for example, refine and imposition proof output. Operators only need to monitor the processes; operator input is not required.

Hot Folders

A hot folder is a folder that Prinergy Direct monitors for incoming files. You can submit job data by dropping files into a hot folder. Prinergy will automatically process the job data according to the instructions in the process plan or workflow plan that is associated with that hot folder.

Getting Around Prinergy Workshop

There are four main windows that you work with in Prinergy Workshop:

- Job Finder—use to create groups, jobs, and pre-jobs.

  The Job Finder is the first window to appear when you start Prinergy Workshop.

- Job Manager—use for most job processes in your workflow after you submit job data. The Job Manager appears when you open a job.

  You work with two different views in the Job Manager: **Separations** view and **History** view. Use **Separations** view to start output processes, manage color separations and create proofs or plates. Use **History** view to check job history.

- Process Plan Editor—use to create process plans and workflow plans. Display by selecting **Process Plan Editor** from the **Tools** menu.

- Queue Manager—use to monitor processes. Display by selecting **Queue Manager** from the **Tools** menu.

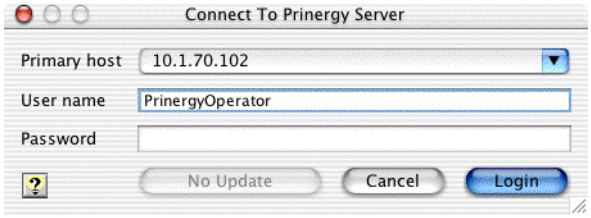
Starting Prinergy Workshop

To start Prinergy Workshop:



1. Double-click the icon on your desktop or in the **Prinergy Workshop/bin** folder.

   The Connect to Prinergy Server dialog box appears.



2. From the **Primary Host** box, select a primary server.



Note: If the **Primary Host** box does not display the server that you want, the server may be in a different Windows subnet. In that case, select **Other**. The Enter Host Name dialog box appears. Type the name of the server and then click **OK**. The Enter Host Name dialog box closes and the server name appears in the **Primary Host** box.

3. In the **User name** box, type your Windows user name.

   See your system administrator if you do not know your user name or password.

4. In the **Password** box, type your Windows password.

5. If the **Update** button is available, click **Update** to synchronize the version of the software on this client with the version on the server. Follow the directions in any update messages that appear.

6. If the **Update** button is unavailable, ensure that the **Primary Host** name, **User name**, and **Password** are entered and click **Login**.

   The Job Finder window appears. You are now ready to use Prinergy Workshop.

Setting Prinergy Workshop Preferences

Prinergy Workshop preferences let you specify the font size, font type, and measurement units that will appear in Prinergy windows. To set Prinergy Workshop preferences, select **Preferences** from the **Edit** menu. The Workshop Preferences dialog box has **Startup**, **General**, and **View** tabs. For more information on these options, see Prinergy Workshop online help.

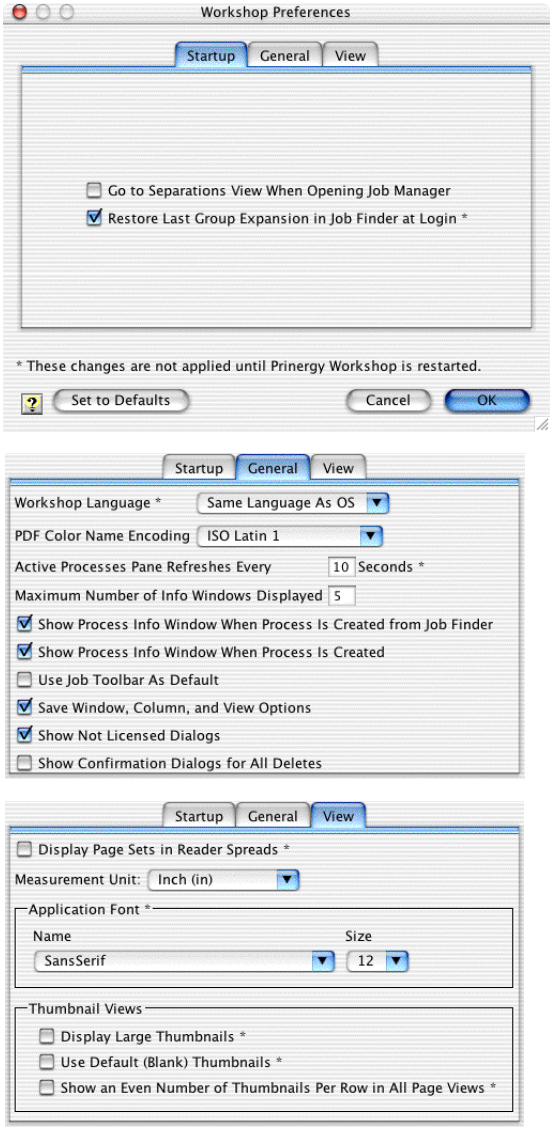


Figure 3: Workshop Preferences dialog box: Startup, General, View tabs

Prinergy Direct Workflow Overview

Prinergy Direct typically involves the workflow steps described in Table 1.

Table 1: Prinergy Direct workflow overview

Part of workflow	Workflow steps	Where to find information
Setup	1. Create process plans and workflow plans if required and if you have the user rights to do so. 2. Set up User or Job Toolbars to display icons for frequently used process plans.	*Chapter 2, Setting Up the Workflow*
Running a job—basics	1. Create a group (optional). 2. Create a job or pre-job. 3. Set up image and font search paths if required. 4. Manage hot folders. 5. Drop job data into the hot folder. 6. Create output—proofs or plates—using the **Separations** view, if you didn't do so via the hot folder. 7. Monitor processes. 8. Manage files on your system.	*Chapter 3, Running Jobs: Basic Steps*
Running a job—options	A job may require any of the following options: • OPI (Open Prepress Interface) • Manage color separations • Use the Prinergy color database • Identify common separations • Use font converters	*Chapter 4, Running Jobs: Additional Steps*

2

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Setting Up the Workflow

This chapter describes tasks that you must do before you run jobs—that is, before you submit job data files to jobs or pre-jobs in Prinergy Direct. Before you run a job, you need to:

- Create process plans and workflow plans if required, and if you have the user rights to do so
- Create one or more groups (optional)
- Create a job or pre-job
- Set up the User and Job Toolbars to display icons for frequently used imposition proof output and final output process plans
- Set image and font search paths if required
- Manage hot folders

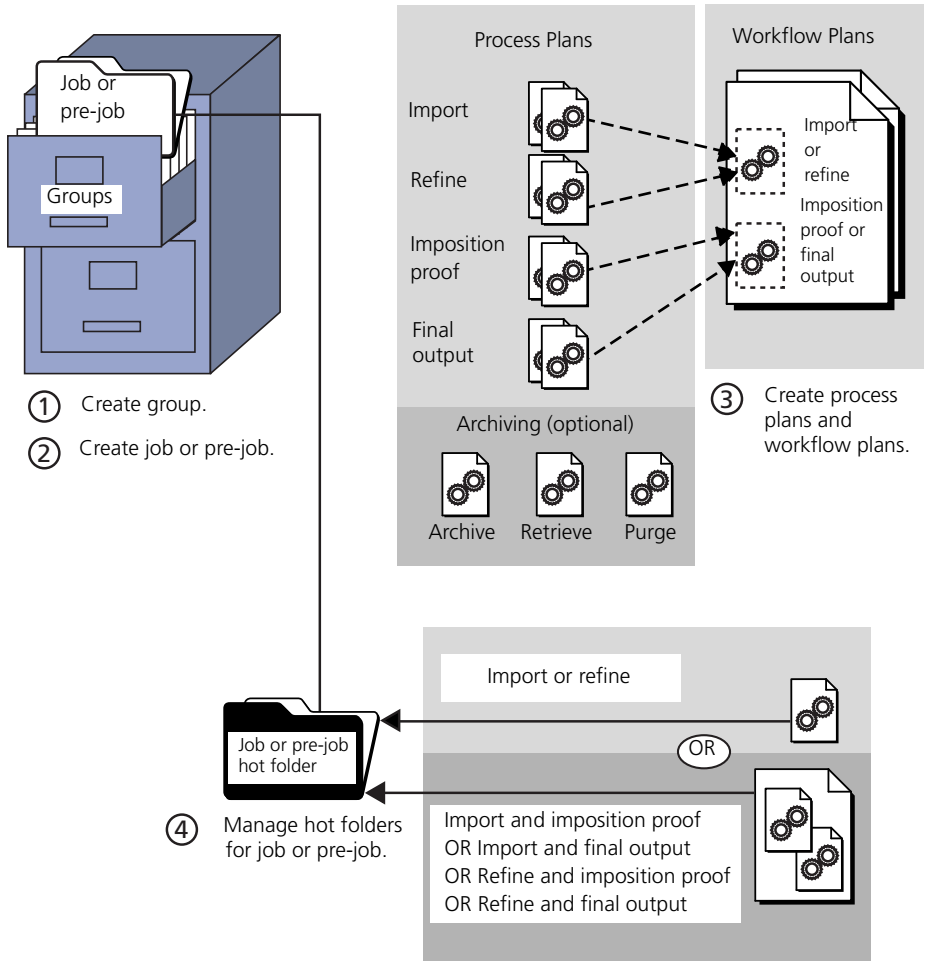


Figure 4: Setting up a Prinergy Direct workflow

Customizing Workshop Windows

You can customize Prinergy Workshop windows by displaying or hiding columns. Select **Visible Columns** from the **View** menu to select the columns that you want to display.

You customize each Prinergy Workshop window individually. Settings are retained on a per-job basis.

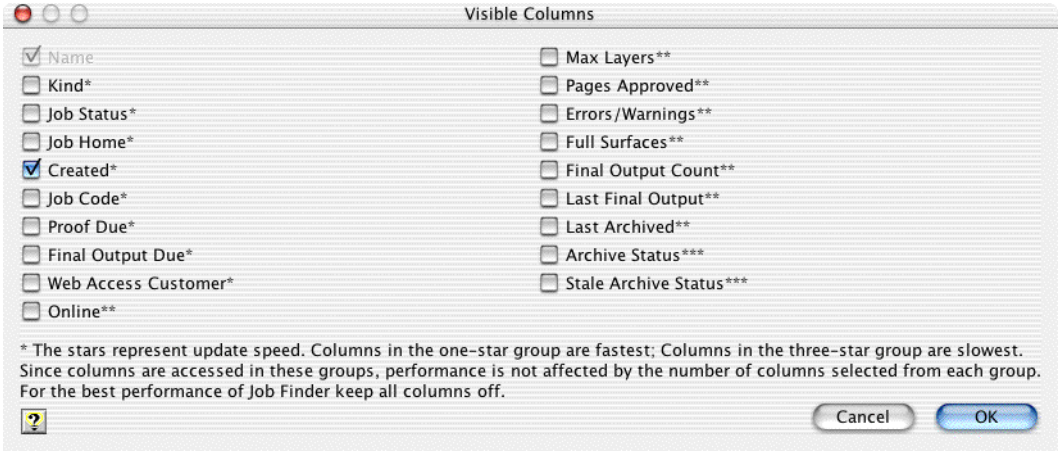


Figure 5: Job Finder Visible Columns dialog box

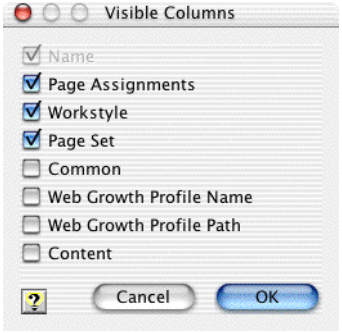


Figure 6: Job Manager Visible Columns dialog box

Creating Groups

Prinergy Direct lets you create groups to organize jobs and pre-jobs. We recommend that you decide how you want to organize your jobs and create groups before you start creating jobs and pre-jobs.

You create a group in the Job Finder by selecting **Create New Group** from the **File** menu.

For more information, see *Groups* on page 7.

Creating Jobs and Pre-Jobs

After you create groups, you can create jobs or pre-jobs within the groups. We recommend that you create a job or pre-job for each publication that you print.

Whether you create jobs or pre-jobs depends on the kind of job data that you bring into Prinergy Direct.

- If you import zip files containing job data that was exported from Prinergy Connect or Prinergy Powerpack, you must create pre-jobs. In other words, if you do remote plating, create pre-jobs.
- If you submit job data directly to Prinergy Direct—for example, an imposed flat created in Preps—create jobs.

You create jobs and pre-jobs in the Job Finder. Use the **Jobs** view to create jobs and the **Pre-Jobs** view to create pre-jobs. Use the **Selection Wheel** to switch between the **Jobs** and **Pre-Jobs** views.



Click the depressions on the **Selection Wheel** to switch between **Jobs** and **Pre-Jobs** view.

Figure 7: Selection Wheel (Job Finder)

After you select the Job Finder view that you want, select **Create New Job** or **Create New Pre-Job** from the **File** menu.

Note: You can move jobs between groups and rename jobs by selecting the **Move Job** and **Rename Job** options from the **File** menu in the Job Finder. You can search for jobs using the **Find Job** option from the **Edit** menu.

Opening a Job

Once you create a new job or pre-job, the job or pre-job opens automatically in the Job Manager.

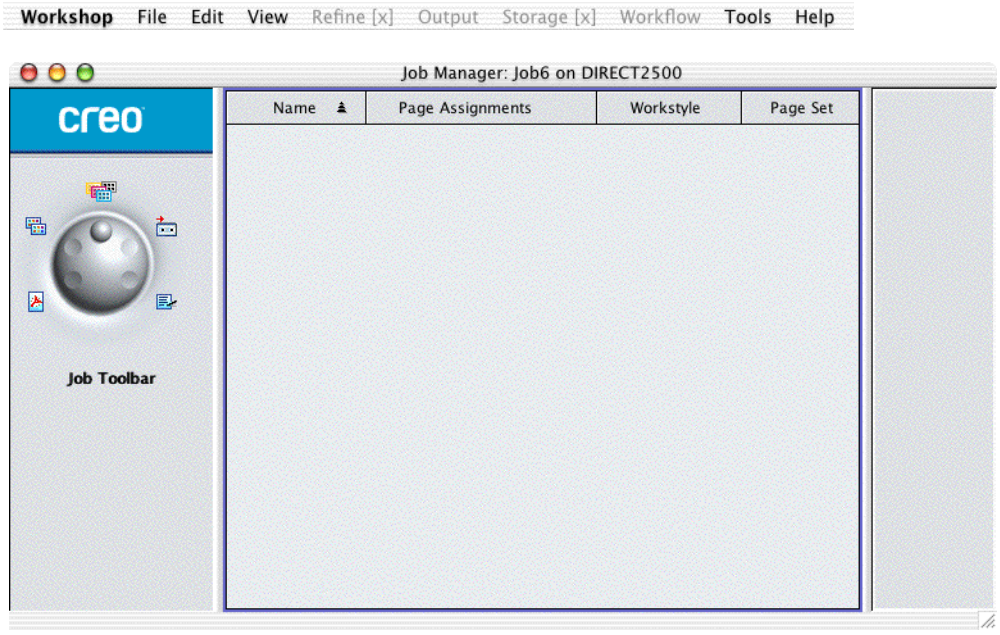


Figure 8: Job Manager

Setting Up Process Plans and Workflow Plans

Before you run jobs, you need to set parameters that determine how job data submitted to Prinergy Direct will be processed. You set these parameters in process plans. You can create process plans with your own settings, or you can use the default process plans supplied with Prinergy Direct.



Note: User rights set in Prinergy Administrator determine which Prinergy Workshop users can create, edit, and delete process plans and workflow plans. If the logged-on operator doesn't have the required user rights, the **Process Plan Editor** menu option is not available. For more information about user rights, see Prinergy Administrator online help.

There are different types of process plans for the different parts of a Prinergy Direct workflow. Prinergy Direct workflow processes and the corresponding process plan types are described in Table 2. You will not need to use all of the available processes in your workflow.

Table 2: Workflow processes and corresponding process plan types

Workflow process	Use
Import*	Import process plan
Refine**	Refine process plan
Create soft proofs (Virtual Proofing System)	Imposition proof output process plan
Create imposed proofs	Imposition proof output process plan
Create contract proof	Imposition proof output process plan
Create plates	Final output process plan
Archiving jobs***	Archive process plan
Retrieving jobs***	Retrieve process plan
Purging jobs***	Purge process plan

* Use import process plans if you import job data from a Prinergy Connect or Powerpack system and do remote plating.

** Use refine process plans if you submit flats directly to Direct.

*** Available only if you license archiving.

When you use a process plan, job data is automatically processed according to the process plan settings.

To further automate your workflow, you can combine process plans in a workflow plan—for example, a refine process plan and an imposition proof output process plan. Job data will be processed according to all process plan settings, in one seamless operation.

Using the Process Plan Editor

You create and modify process plans and workflow plans in the Process Plan Editor. To access the Process Plan Editor, select **Process Plan Editor** from the **Tools** menu.

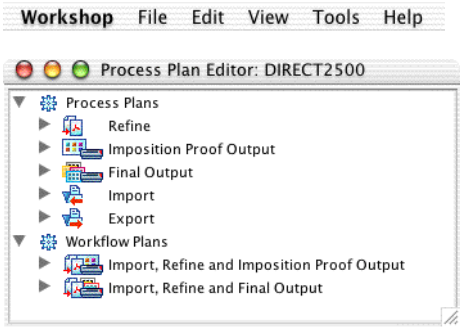


Figure 9: Process Plan Editor

You can organize process plans and workflow plans into groups.

Process Plans

The Process Plan Editor displays process plan types, process plan groups, and the process plans within process plan groups.

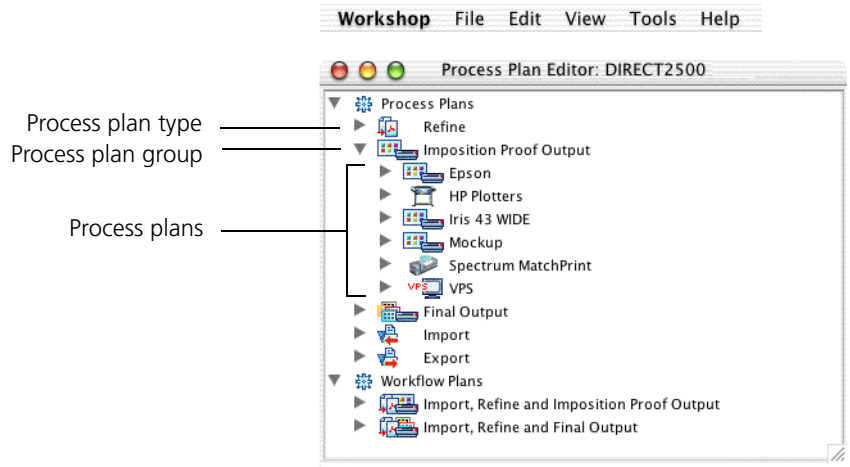


Figure 10: Process Plan Editor (process plans)

Workflow Plans

The Process Plan Editor also displays workflow plan types, workflow plan groups, and the workflow plans within workflow plan groups.

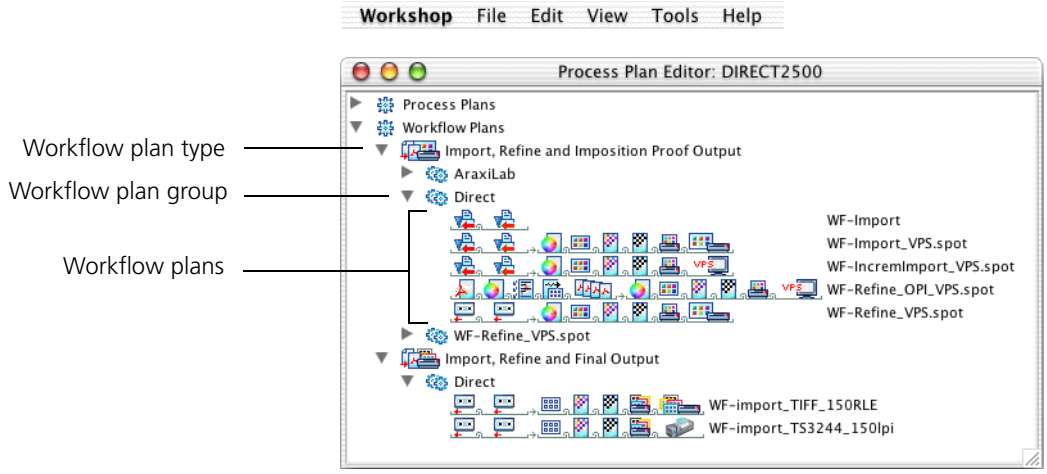


Figure 11: Process Plan Editor (workflow plans)

Creating Process Plans

Prinergy Direct lets you create the following types of process plans:

- Import
- Refine
- Imposition proof output
- Final output
- Archive (optional)
- Retrieve (optional)
- Purge (optional)

Note: You can create archive, retrieve, and purge process plans only if you license archiving.

When you open a process plan, a dialog box with the options available for that process appears.

Import Process Plans

You use import process plans if you import job data into Prinergy Direct from a Prinergy Connect or Prinergy Powerpack system. In the import process plan, you select the settings that Prinergy Direct uses when importing the data.

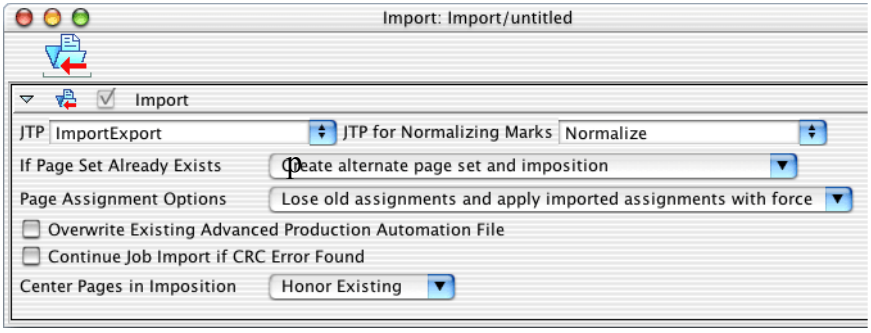


Figure 12: Import process plan

Refine Process Plans

Refine process plans refine job data that you submit to Prinergy Direct. The refine process prepares submitted job data for output to proof, plate, or film. If you submit file formats other than PDF to Prinergy Direct—for example, PostScript, EPS, or DCS—the refine process converts these formats to PDF.

Note: Job data imported from another Prinergy system does not need to be refined. It was refined by the Prinergy system it was exported from.

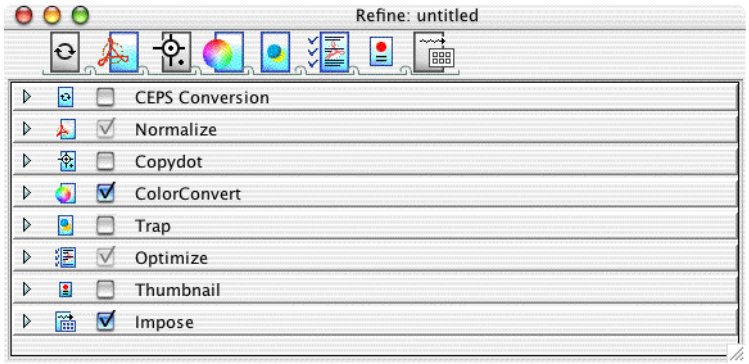


Figure 13: Refine process plan

In Prinergy Direct, the refine process includes the following steps:

- Normalize
- Copydot
- ColorConvert
- Optimize
- Impose

Note: The **CEPS Conversion**, **Trap**, and **Thumbnail** sections of the refine process plan are not available in Prinergy Direct.

Normalize

Normalizing converts submitted job data files that are not PDF flats—for example, PostScript or EPS—to PDF.

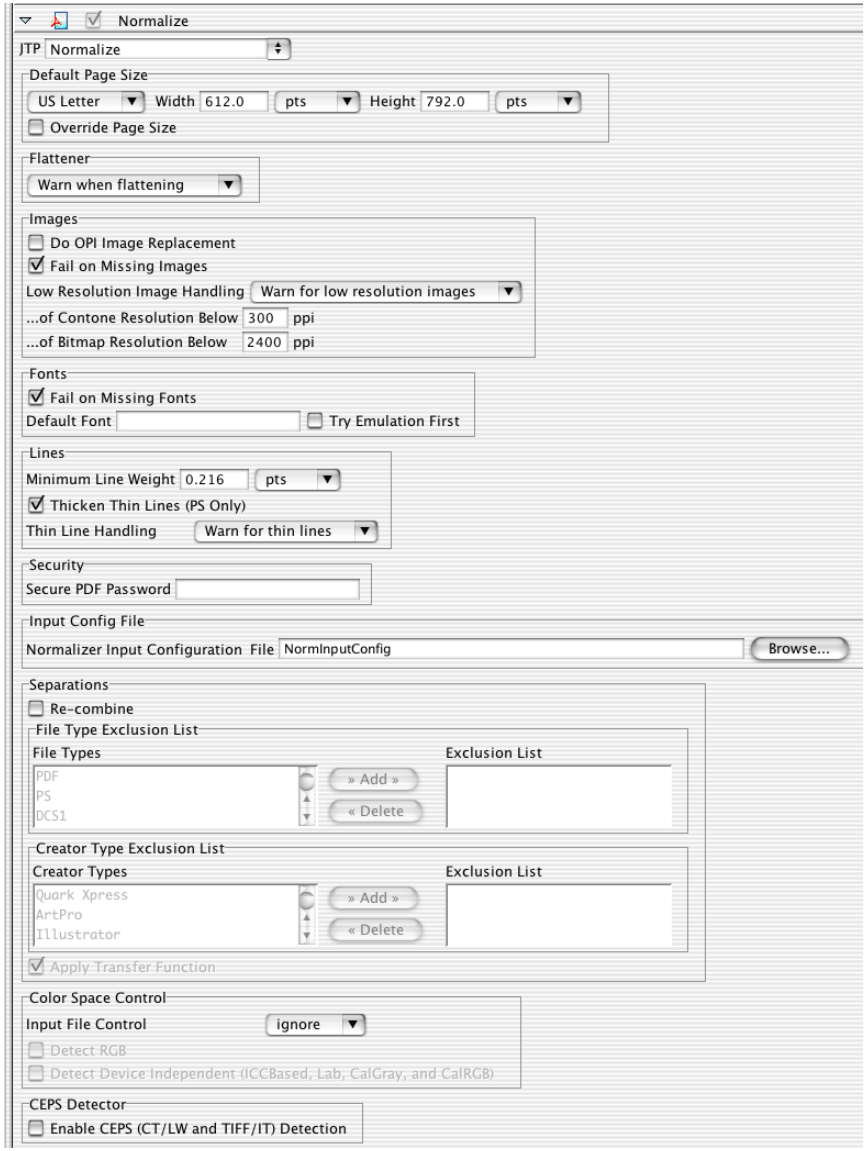


Figure 14: Normalize section (refine process plan)

The **Normalize** section has settings for:

- Page size
- OPI (Open PrePress Interface)

  Prinergy replaces low-resolution placeholder images with high-resolution images.
- Font handling

Copydot

Use the **Copydot** section to set parameters if you resample copydot data in your workflow.

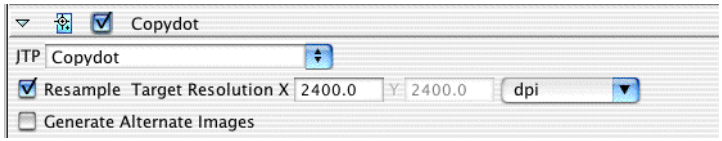


Figure 15: Copydot section (refine process plan)

ColorConvert

Use the **ColorConvert** section to do color mapping and color matching.

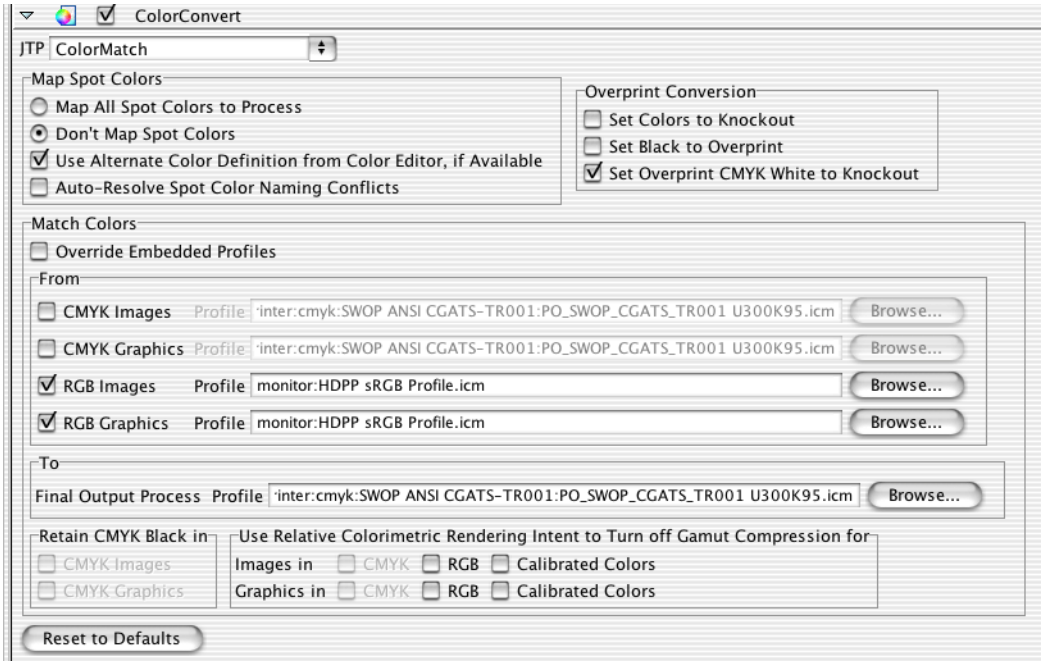


Figure 16: ColorConvert section (refine process plan)

Spot color mapping determines how spot colors are handled.

In the refine process plan, Prinergy lets you:

- Output a spot color as a separate output separation
- Convert a spot color to process (CMYK)

If you work with spot colors, we recommend that you handle spot colors during refining.

The **ColorConvert** section also handles two color management functions:

- RGB image conversion
- CMYK to CMYK color matching

RGB image conversion—You can automatically convert RGB images to CMYK using a standard ICC (International Color Consortium) profile that ships with Prinergy. Because RGB conversion is required most of the time, this is the default setting on refine process plans.

CMYK to CMYK Color Matching—Prinergy color matching transforms the color space of a PDF to a color space that is appropriate for a specific output device, using ICC profiles. This option is not standard; you must purchase it separately.

Optimize

Use the **Optimize** section to determine how Prinergy handles high-resolution images in the PDF workflow. It includes optional downsampling for both color and grayscale images.

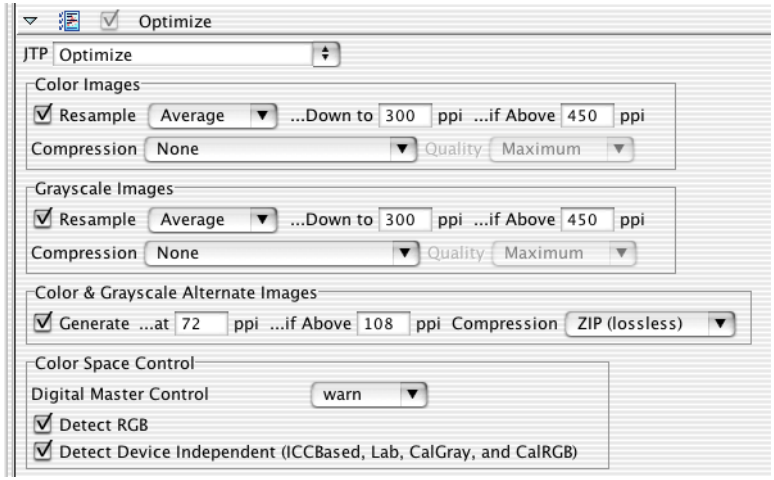


Figure 17: Optimize section (refine process plan)

Impose

Use the **Impose** section to determine imposition handling for the job data that you submit.

Important: For Prinergy Direct, you must select the **Treat Input Files as Flats** option. Prinergy Direct does not handle pages. You cannot successfully refine job data in Prinergy Direct if you do not select this option.

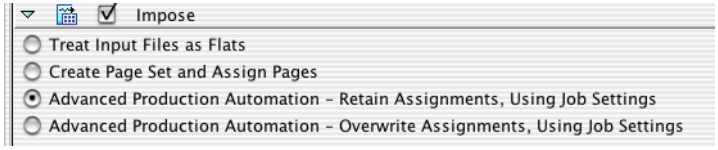


Figure 18: Impose section (refine process plan)

Imposition Proof Output Process Plans

Use imposition proof output process plans to create:

- Soft proofs using Virtual Proofing System software

  A Virtual Proofing System proof is a soft proof that you can view on your computer screen.

  For more information about Virtual Proofing System, see the *Virtual Proofing System User Guide* or the *Virtual Proofing System for PC User Guide*.

- Imposed proofs using a color proofing device, for example, an Epson or Iris 43 Wide
- Contract proofs using an output device such as a Trendsetter Spectrum
- TIFF files with G4 compression

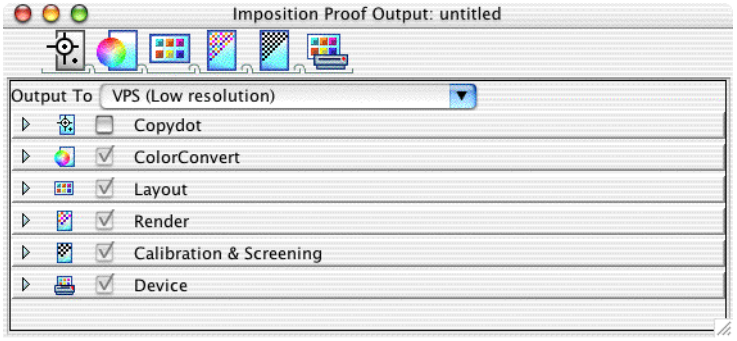


Figure 19: Imposition proof output process plan

In the imposition proof output process plan, select settings in the following sections:

- **Copydot**
- **ColorConvert**
- **Layout**
- **Render**
- **Calibration & Screening**
- **Device**

A picture and brief explanation of each section follow.

Copydot

Use the **Copydot** section to specify settings for resampling copydot data.



Figure 20: Copydot section (imposition proof output process plan)

ColorConvert

Use the **ColorConvert** section to specify color matching settings.

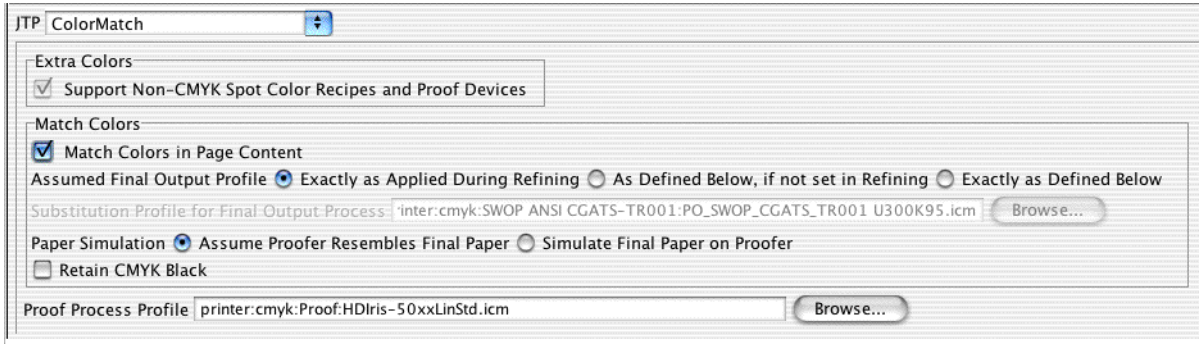


Figure 21: ColorConvert section (imposition proof output process plan)

Layout

Use the **Layout** section to select media settings, placement, and scaling.

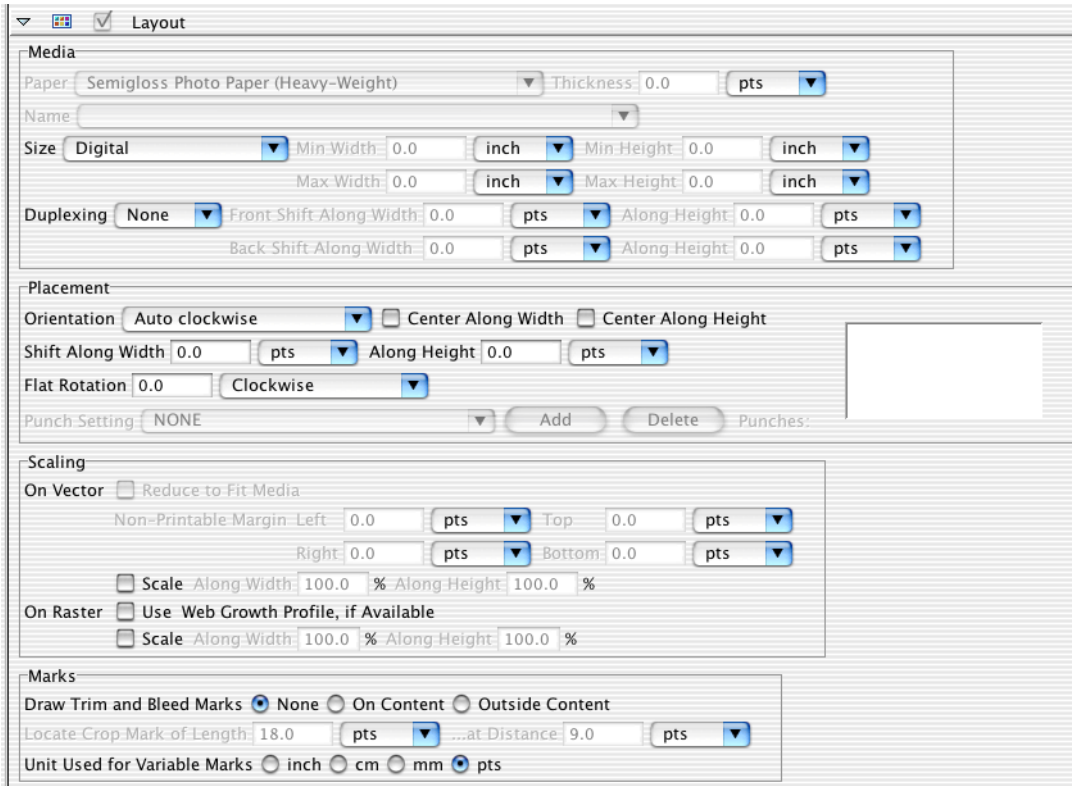


Figure 22: Layout section (imposition proof output process plan)

Render

Use the **Render** section to specify how your proofing device handles a job.

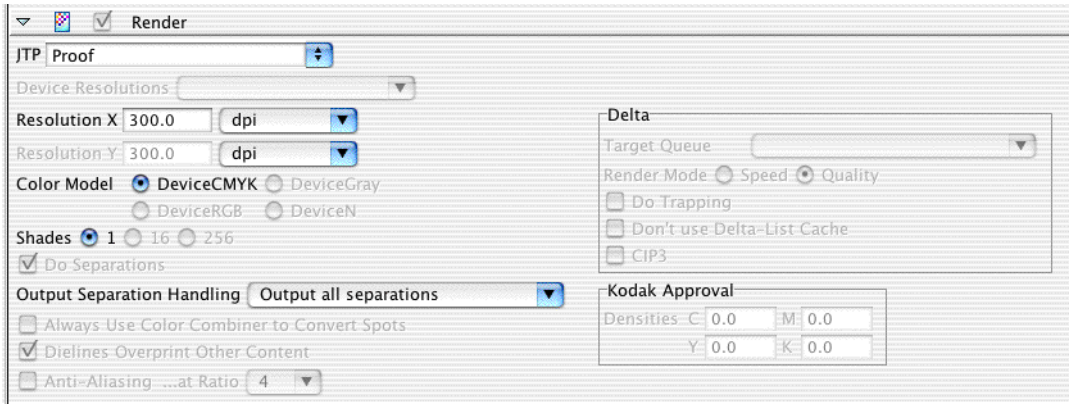


Figure 23: Render section (imposition proof output process plan)

Calibration & Screening

Use the **Calibration & Screening** section to determine the calibration and screening used when the job is output to proof. For example, you can select the calibration curve to be used when the proof is created. You can also select screening settings to preserve screening information, if required.

You set up calibration curves using Harmony calibration software, which comes with Prinergy.

For more information about Harmony and calibration, see the *Harmony User Guide*.

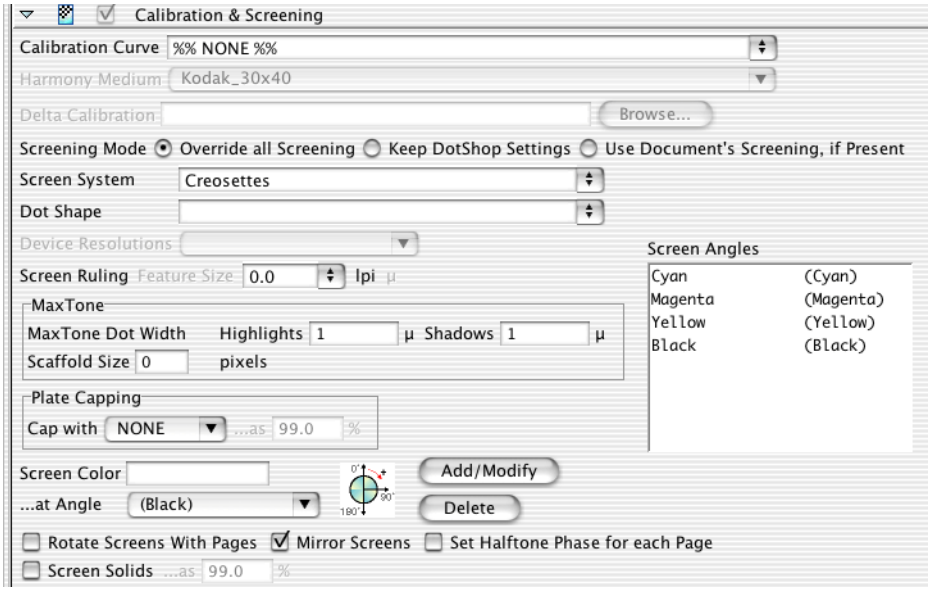


Figure 24: Calibration & Screening section (imposition proof output process plan)

Device

Use the **Device** section to select settings for the proofing device that you are using to create a proof. If you are creating a proof on a proofing device such as an Iris 43 Wide or LaserWriter, you must specify the network device path.

Note: If you are creating a Virtual Proofing System proof, Prinergy automatically creates a new folder for the Virtual Proofing System proof in the job folder.

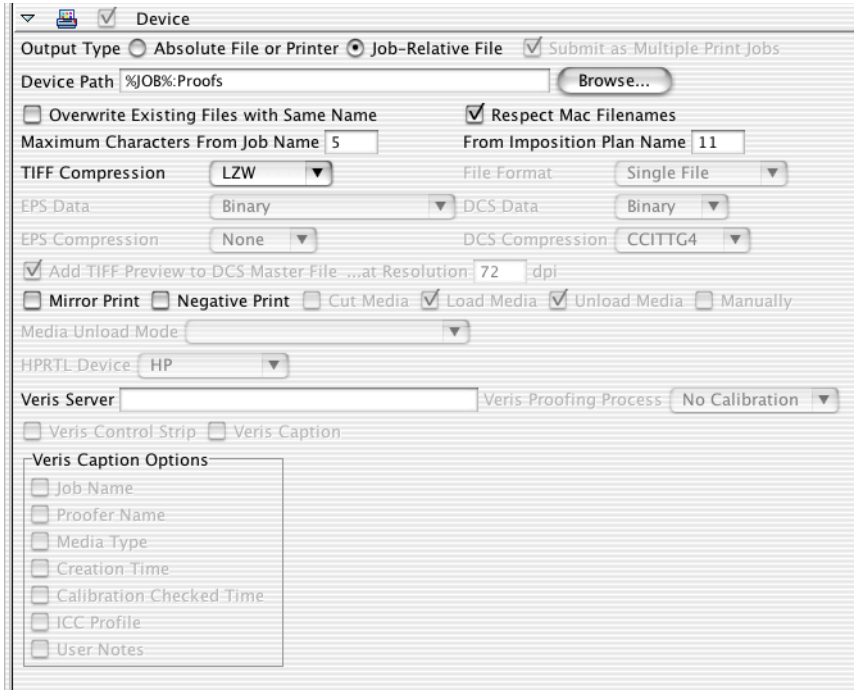


Figure 25: Device section (imposition proof output process plan)

Final Output Process Plans

Final output process plans contain the settings that Prinergy uses when you make plates or film. Notice that many process settings available on the final output process plan are similar to those on the imposition proof output process plan described in *Imposition Proof Output Process Plans* on page 28.

Note: Settings on the **Device** section are not available for final output process plans.

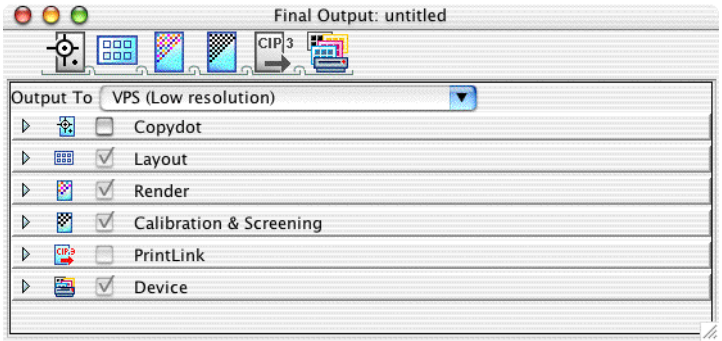


Figure 26: Final output process plan

PrintLink (optional)

PrintLink is an option that you can license. If licensed, you can specify settings on the **PrintLink** section of the final output process plan. Use the **PrintLink** section if you want to generate PPF files for digital ink key presets. You can also print an Ink Report that lists areas of ink coverage by separation. For more information about the Ink Report, see the Prinergy Workshop online help.

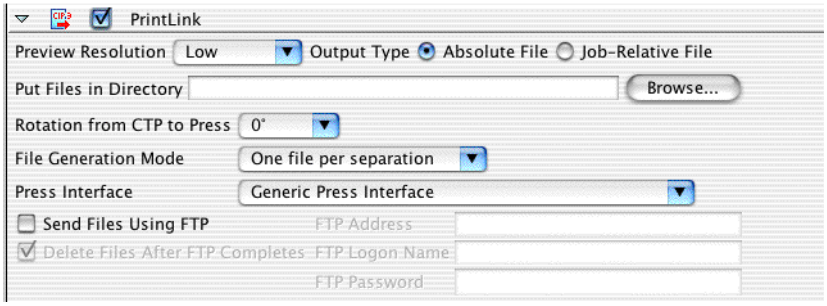


Figure 27: PrintLink section (final output process plan)

Archive Process Plans (optional)

Archiving is an option that you can license. If you license archiving, you use archive process plans to select the settings used when job information is stored on your Prinergy system.

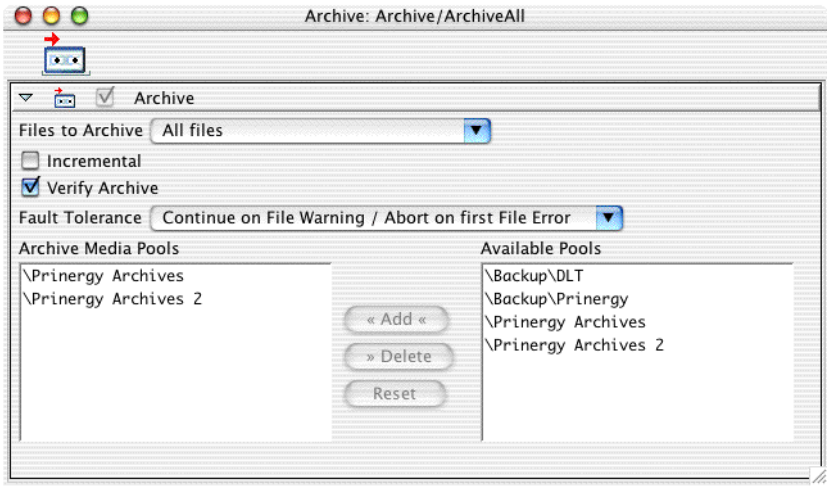


Figure 28: Archive process plan

If you license archiving, you also use purge and retrieve process plans.

Purge Process Plans (optional)

Purge process plans are available only if you license archiving. Purge process plans let you select the settings used when job information is purged from your Prinergy system.

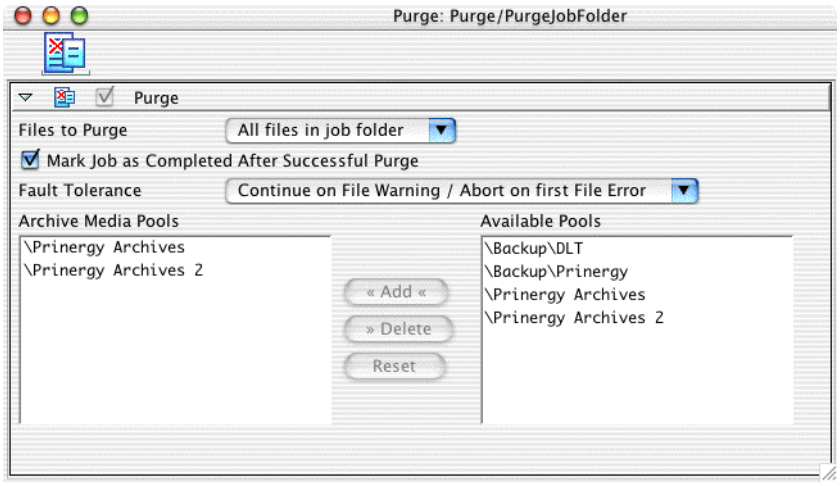


Figure 29: Purge process plan

Retrieve Process Plans (optional)

Retrieve process plans are available only if you license archiving. Retrieve process plans let you select the settings used when job information is retrieved on your Prinergy system.

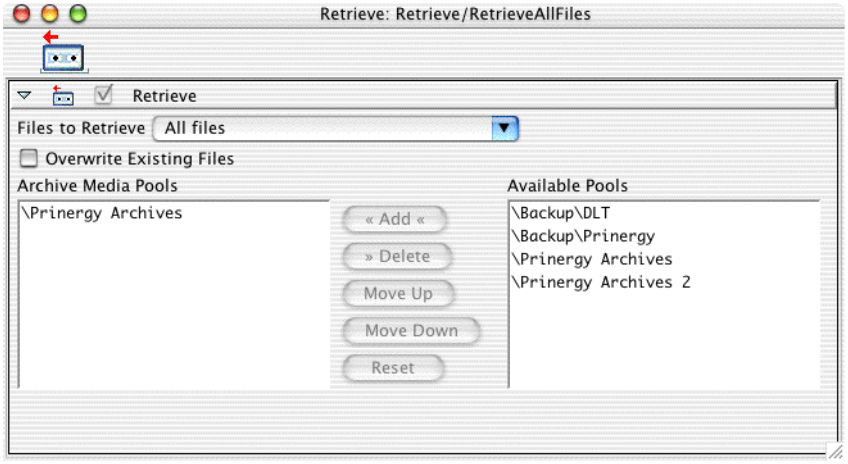


Figure 30: Retrieve process plan

Creating Workflow Plans

Once you create process plans, you can combine different types of process plans in a workflow plan. When used, workflow plans automate job processing, because Prinergy executes job processes in a single seamless operation.

For example, you can combine import and imposition output proof (Virtual Proofing System) process plans in a workflow plan. You then assign this workflow plan to your pre-job hot folder. When you submit job data to the hot folder, Prinergy imports the job data, creates a new job, and creates a soft proof that you can view using Virtual Proofing System.

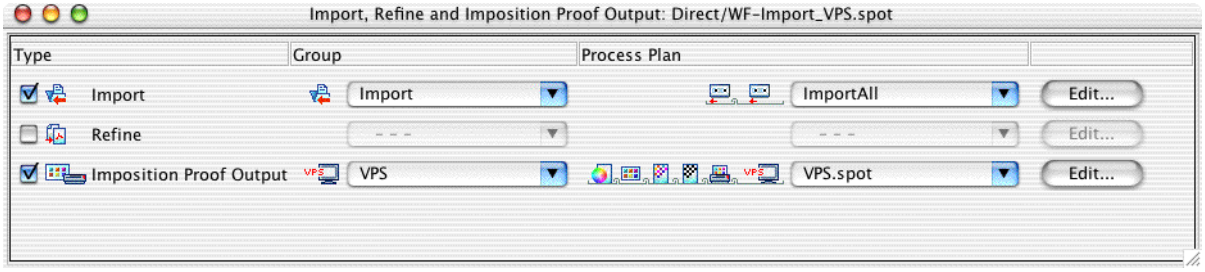


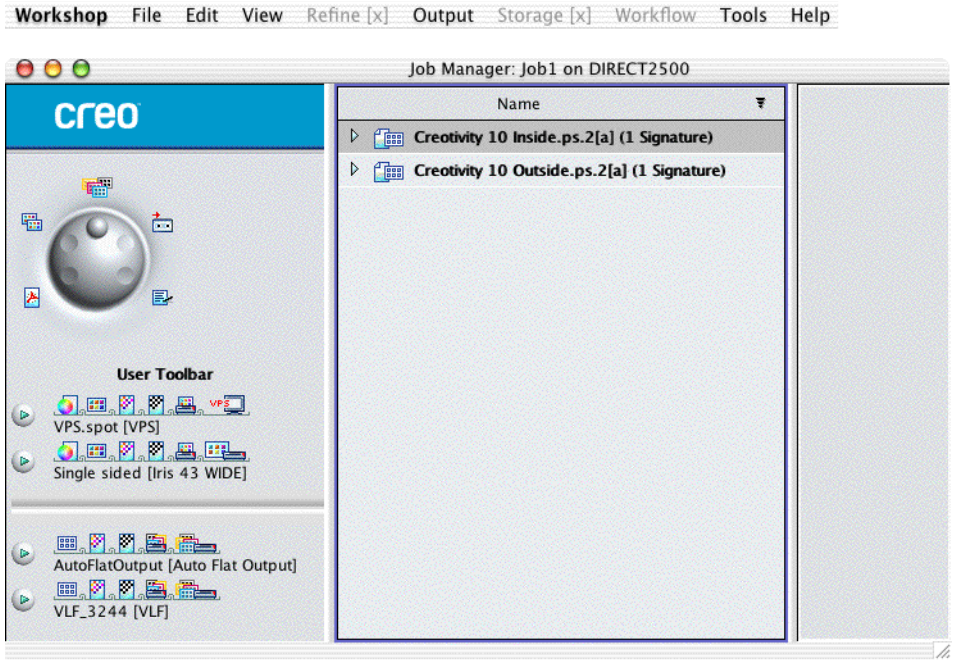
Figure 31: Workflow Plan dialog box

Important: In Prinergy Direct, workflow plans are used only with hot folders. You cannot use workflow plans for processes that happen after you submit job data.

Setting Up the User Toolbar and Job Toolbar

To save time and effort, you can display icons for frequently used process plans on the **User Toolbar** or **Job Toolbar**. Use the toolbars to start processes that happen after you submit job data to the hot folder—that is, for imposition proof output and final output process plans. You start a process by selecting elements, such as signatures or separations, and then clicking the icon on the toolbar that's beside the process plan you want to use.

Add icons to the **User Toolbar** or **Job Toolbar** by selecting **Manage User Toolbar** or **Manage Job Toolbar** from the **Edit** menu in Job Manager.



Process plans on the User Toolbar

Figure 32: Job Manager (User Toolbar)

Adding an Image Search Path

If you need to substitute high-resolution images for low-resolution images with OPI, you must enter an image search path in the Image Search Paths dialog box. You access the Image Search Paths dialog box by selecting **Image Search Path** from the **Edit** menu.

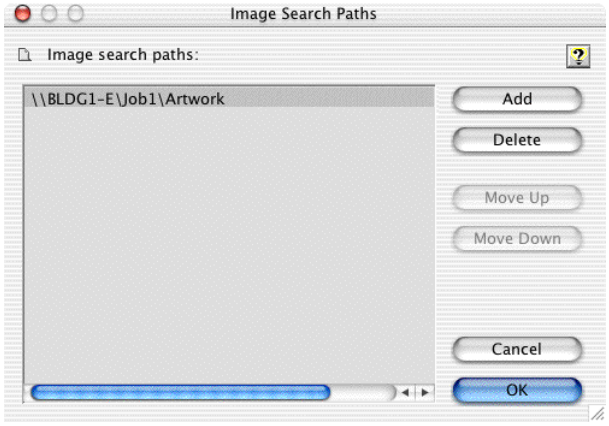


Figure 33: Image Search Paths dialog box

Adding a Font Search Path

If fonts are not embedded in the file, you must set a font search path in the Font Search Paths dialog box. You access the Font Search Paths dialog box by selecting **Font Search Path** from the **Edit** menu in Job Manager.

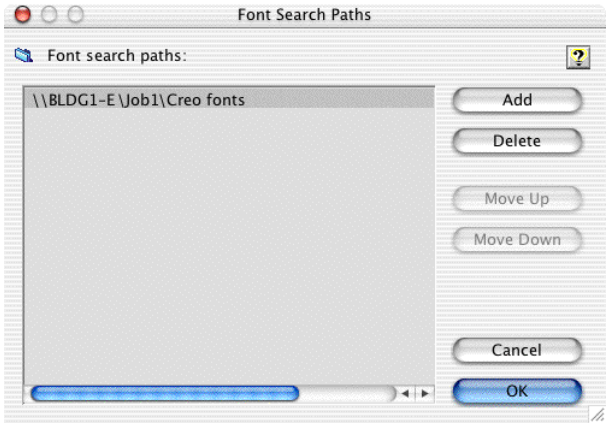


Figure 34: Font Search Paths dialog box

Managing Hot Folders

After you create a job or pre-job, you need to set up a hot folder for the job or pre-job. You set up the hot folder by assigning a process plan or workflow plan to the hot folder.

You can assign the following process plan types to a hot folder:

- Import (pre-job)
- Refine (job)

You can also assign the following workflow plan types to a hot folder:

- Import and imposition proof output (pre-job)
- Import and final output (pre-job)
- Refine and imposition proof output (job)
- Refine and final output (job)

The process plan or workflow plan type that you select depends on factors such as the type of job data you use and the amount of automation you want in your workflow.

To assign process plans or workflow plans to hot folders:

1. In the Job Manager, select **Manage Hot Folders** from the **Edit** menu.

   The Manage Hot Folders for Job dialog box appears.

2. Click **Add.**

   The Create Hot Folder for Job dialog box is displayed.

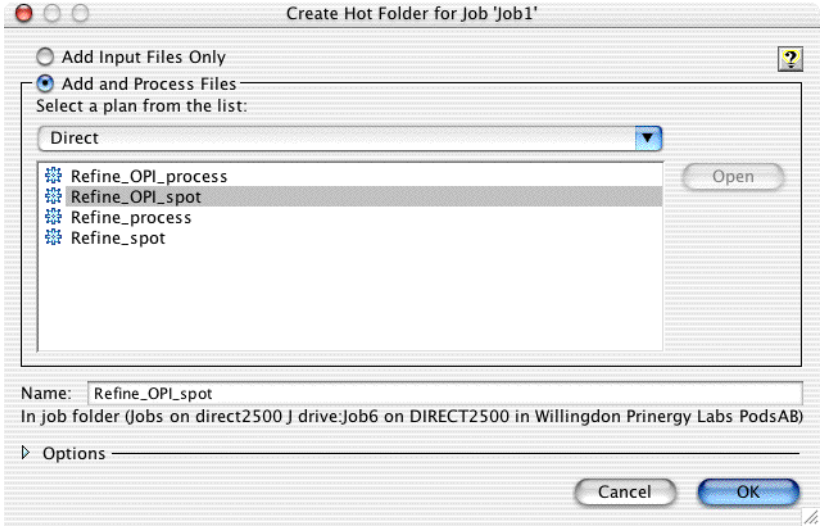


Figure 35: Create Hot Folder for Job dialog box

3. Select **Add and Process Files**, and then select the process plan or workflow plan that you want to assign to the hot folder.

4. Click **OK.**

   The process plan or workflow plan selected appears in the Manage Hot Folders for Job dialog box.

5. Click **Close.**

You are now ready to submit job data to the job or pre-job that you created.

Note: You can assign more than one process plan or workflow plan to a hot folder.

3

Running Jobs: Basic Steps

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Running Jobs in Prinergy Direct

This chapter describes the basic steps for running a job in Prinergy Direct.

To run a job, you need to:

- Drop job data into a hot folder
- Select output processes—that is make proofs and plates if you did not create output when you dropped job data into the hot folder
- Monitor job processes
- Manage files in your Prinergy system

Note: Your workflow may involve optional additional steps. For more information, see *Chapter 4, Running Jobs: Additional Steps*.

The way that you run jobs depends on your workflow. There are many possible workflows. For example, Figure 36 shows a remote plating workflow in which plates are created directly from the imported .zip file.

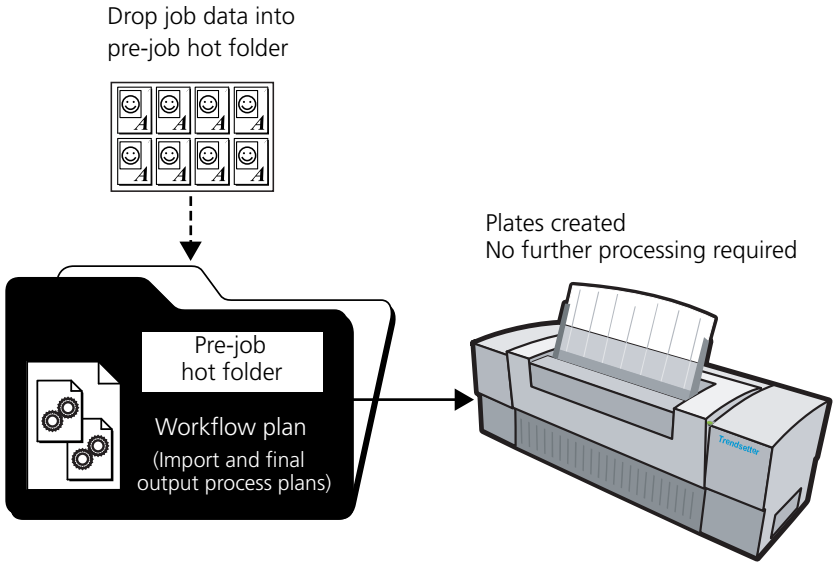


Figure 36: Workflow example: remote plating—direct to plate

Figure 37 shows a workflow where pre-imposed job data is refined and proofs are made before plates are created.

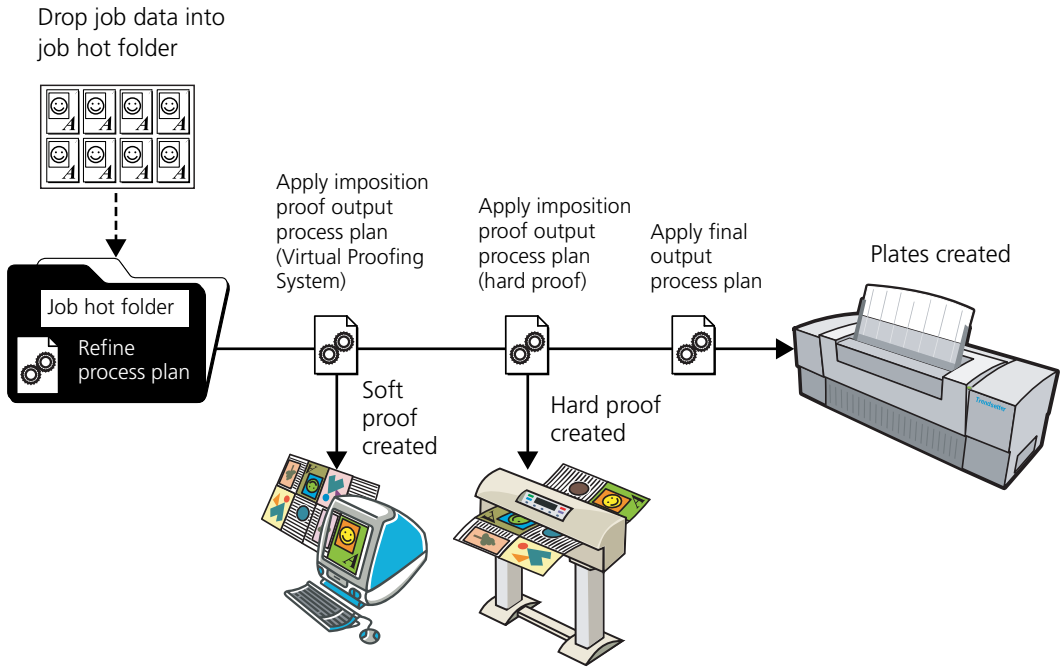


Figure 37: Workflow example: pre-imposed flat—Virtual Proofing System proof, imposition proof, and plates created

Adding Job Data

Job data files provide content for your job or pre-job. In Prinergy Direct, you add job data to jobs or pre-jobs by dragging and dropping it into the hot folder that you set up for your job or pre-job.

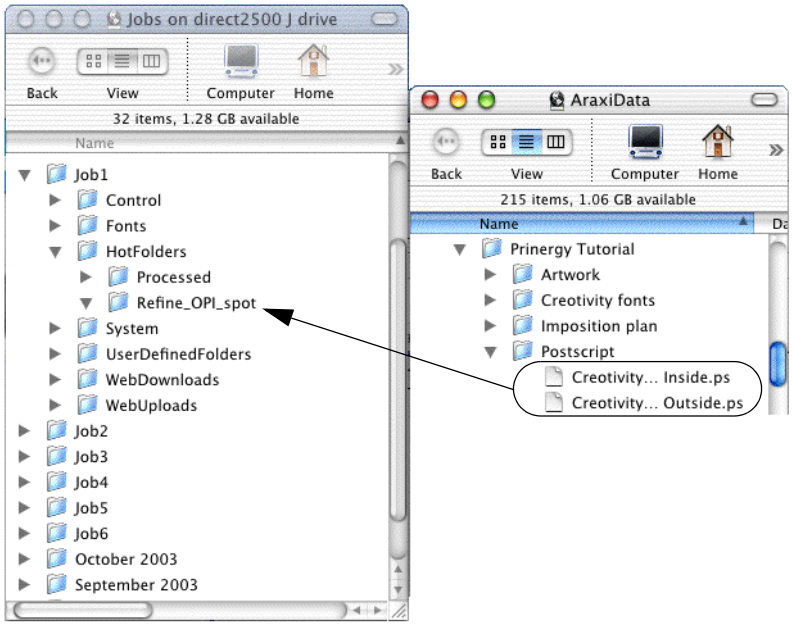


Figure 38: Submitting job data to the hot folder

Job Processing and Hot Folders

After you drop job data into the hot folder, what happens next depends on the process plan or workflow plan that is assigned to the hot folder.

The hot folder process plan can either import or refine job data.

The hot folder workflow plans can:

- Import job data and create imposition output proofs (either soft or hard proofs)
- Import job data and create plates or film

  Or:

- Refine job data and create imposition output proofs (either soft or hard proofs)
- Refine job data and create plates or film

For example, you can refine submitted data only, or you might choose greater workflow automation and create final output, for example, plates, from the hot folder.

If your workflow involves job processing after job data is submitted to the hot folder—that is, you still need to make proofs and plates—use the Job Manager **Separations** view to complete all subsequent job processes.

For more information about making proofs and plates, see *Making Proofs* on page 49 and *Making Plates* on page 50.

Importing Job Data

If you import job data from Prinergy Connect or Prinergy Powerpack, you need to use an import process plan or a workflow plan that includes an import process plan in your workflow.

The import job feature is used to bring all or part of a job into Prinergy Direct.

The import process plan or workflow plan is assigned to a hot folder in a pre-job. When you drop a .zip file into the hot folder, Prinergy unzips the exported job data, automatically creates a new job, and populates the new job with the exported job data. The name of the new job is the same as the

name of the exported .zip file (minus the .zip filename extension). You can see the new job in the Jobs view in the Job Finder and in the **Job** folder on your Macintosh or Windows computer.

To import additional parts of the job, you drop another zip file into the same pre-job hot folder with the same import process plan or workflow plan that includes an import process plan.



Important: Zip files containing additional parts of the job should have the same name as the first zip file for the job. Otherwise Prinergy will create a new job with the same name as the new zip file.

When additional parts of the job are imported, Prinergy unzips the exported job data and populates the job with the unzipped, exported job content. Prinergy will not overwrite content that already exists in the job.

For more information about import process plans, see *Import Process Plans* on page 22.

Refining Job Data

Once job data is added to the job, it must be refined.

The refine process prepares submitted job data for output to proof, plate, or film. If you submit file formats other than PDF to Prinergy Direct—for example, PostScript, EPS, or DCS—the refine process also converts these formats to PDF.

To refine files, you assign a refine process plan or a workflow process plan that includes a refine process plan to the hot folder. Job data will then be refined when you submit it to a hot folder. Once job data is refined, you are ready to make proofs and plates.



Note: If you import job data from another Prinergy system, you don't need to refine job data. The job data was refined by the Prinergy Connect or Prinergy Powerpack system that exported the data.

For more information about refine process plans, see *Refine Process Plans* on page 23.

Making Proofs

Once your job data is refined, you can create proofs. Parameters for making proofs are set in imposition proof output process plans. Use imposition proof output process plans to create both soft and hard proofs.

For more information about imposition proof output process plans, see *Imposition Proof Output Process Plans* on page 28.

To create a proof, in the Job Manager **Separations** view, select the surfaces that you want to proof. Then, on the **User Toolbar** or **Job Toolbar**, click the icon beside the imposition proof output process plan that you want to use, or select the process plan from the **Output** menu.

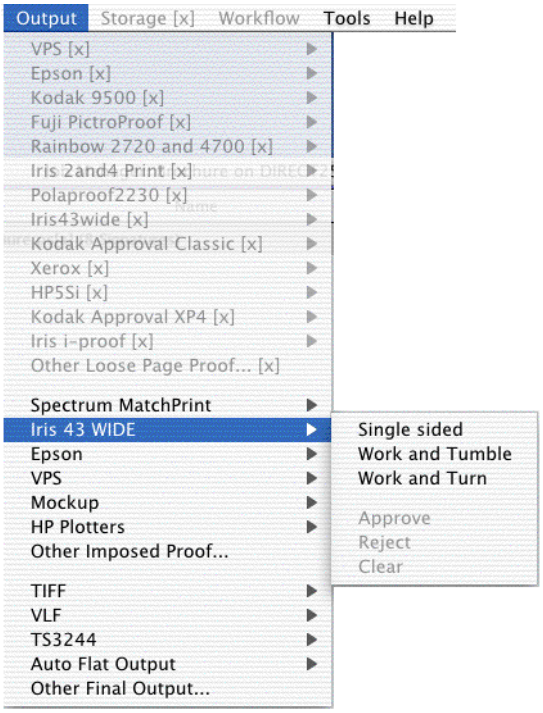


Figure 39: Output menu (Job Manager Separations view)

You can use imposition proof output process plans to create:

- Soft proofs using Virtual Proofing System software



For more information about Virtual Proofing System, see the *Virtual Proofing System User Guide* or the *Virtual Proofing System for PC User Guide*.

- Imposed proofs using a color proofing device, for example, an Epson or an Iris 43 Wide
- Contract proofs using an output device such as a Trendsetter Spectrum
- TIFF files with G4 compression

Select the appropriate imposition proof output process plan for the type of proof that you want to make.

Approving Proofs

Prinergy lets you record your approval or rejection of proofs. Approval status icons appear in the Job Manager **Separations** view.

To record approval or rejection of a proof, in the Job Manager **Separations** view, select the element(s) that you proofed. Then on the **Output** menu, point to the type of proof that you created and select an approval status from the submenu.

Making Plates

Use final output process plans to make plates or film. To create plates, in the Job Manager **Separations** view, select the surfaces that you want to proof. Then click the icon on the **User Toolbar** or **Job Toolbar** beside the final output process plan that you want to use, or select the process plan from the **Output** menu.



Note: Before you make plates, you must set up plate sizes in Print Console. See your Print Console documentation for more information about setting up plate sizes.



Tip: Before making plates or film, we recommend that you prepare imposition proofs and approve all proofs.

Monitoring Jobs

Because Prinergy automates your workflow, monitoring job processing is an important part of using Prinergy Direct. You can monitor job activity in several parts of the workflow. Table 3 below explains where to look to monitor jobs.

Table 3: Monitoring jobs

To monitor	Use	For info, see
Basic information about current job activity	Job Manager **Active Processes** pane	page 51
Detailed information about an active process	Process Info dialog box	page 54
Status of the job queue	Queue Manager	page 56
Details of all previous activity for a job	Job Manager **History** view	page 55

Checking Active Processes

Active processes appear in the Job Manager **Active Processes** pane. The **Active Processes** pane displays an icon set for each process that is active for a job. You can stop processes from this pane.

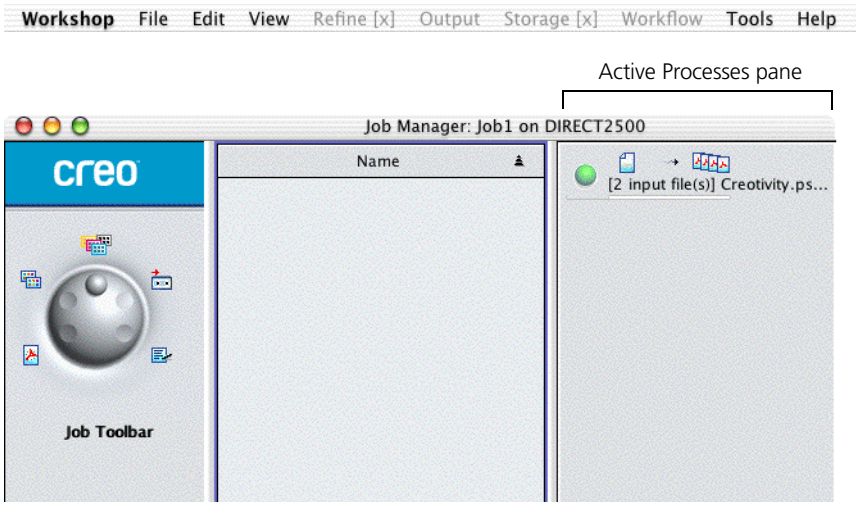


Figure 40: Job Manager Active Processes pane

Table 4 and Table 5 show activity status and condition status icons and explain what they mean.

Table 4: Activity status icons

Icon	Process is	Means
	Queued	The process is queued. This icon does not appear in dynamic columns. A process can return to a status of queued after being active, if none of its component processes are currently active.
	Active	The process is active.
	Suspended	The process has been paused as a result of a user request. This icon does not appear in dynamic columns.
	Ended	The process is complete.

Table 5: Condition status icons

Icon	Condition is	Means
	Null	Process exists but processing hasn't yet begun; no current condition status.
	Queued	Process is queued.
 (green)	OK	Process is proceeding normally.
 (grey)	Ended OK	The process successfully completed.
	Waiting for user	The system is waiting for user intervention.

Icon	Condition is	Means
	Waiting for system	The system is waiting for a system resource, for example, an archive or retrieve process is waiting for a tape or a drive.
 (yellow)	Warning	The system has issued a warning message.
 (red)	Error	The system has issued an error message or the process has been stopped as a result of a user request.
Dark gray background behind an active process or subtask step		A dark gray background appears behind a process or subtask step if the process or step was previously active but has not made any progress for the past 60 seconds. You should begin troubleshooting the process or subtask step. Check the Queue Manager or server. The background can progress through three levels of darkness as the process proceeds through 60, 120, and 180 seconds of inactivity. The **Active Processes** pane shows the level of staleness of the most stale subtask step within a process. The Process Info dialog box shows the staleness of the subtask step.

Checking Process Information

To view detailed information about a process, double-click the icons in the **Active Processes** pane.



Figure 41: Icons in the Active Processes pane

The Process Info dialog box appears.

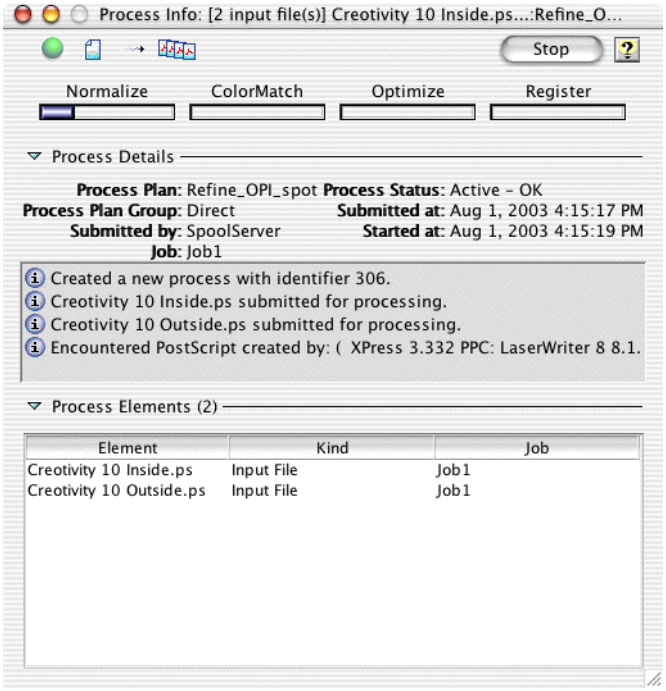


Figure 42: Process Info dialog box

The **Process Details** section of the Process Info dialog box shows detailed information about the progress of a workflow process. After Prinergy finishes the process, you can view these details in the Job Manager **History** view. For more information, see *Checking Job History* on page 55.

Checking Job History

Use the **History** view in the Job Manager to check the history of a job. **History** view displays a description of each job action, the name of the user logged on when the action happened, and the date and time of the action.

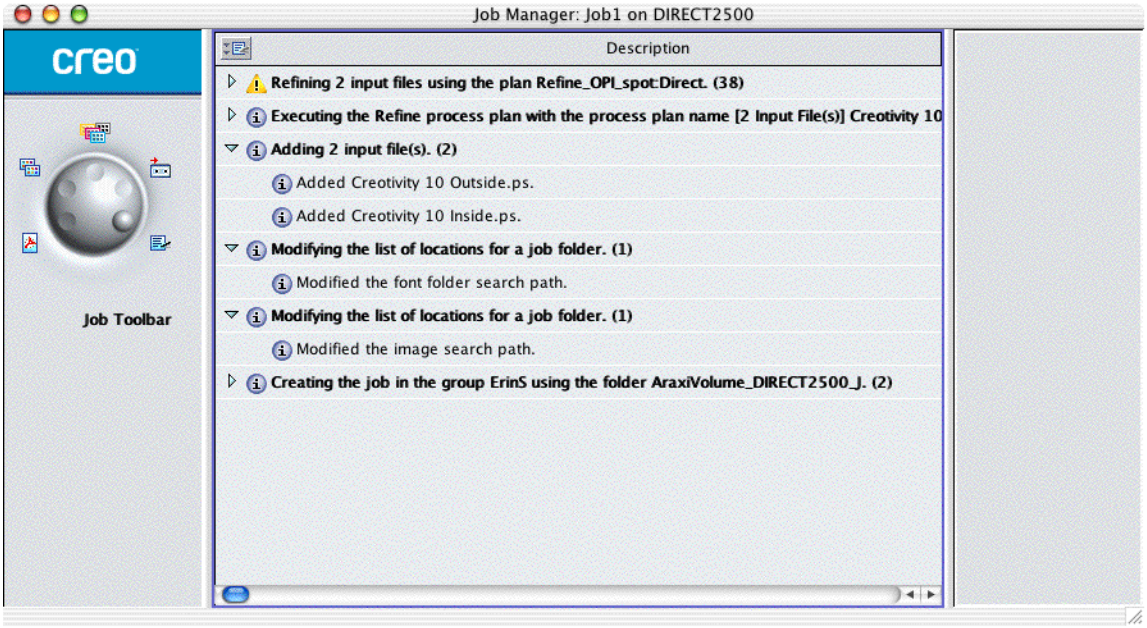


Figure 43: Job Manager History view

Checking System History

Use the **System History** menu option in the Job Manager to check job system history messages over a selected period of time, including messages about:

- Actions that occur outside of job context, for example, creation and destruction of jobs and groups, and moving jobs
- Actions that occur within job context, for example, archive, purge, and retrieve (if archiving is licensed)

  This lets you check the results of multiple archive, purge, and retrieve jobs without opening the individual jobs. This is helpful, for example, if a number of archive jobs were queued to run overnight and you want to see the results of the jobs in the morning.

Checking the Job Queue

Use Queue Manager to view and manage processes. The Queue Manager lets you:

- View lists of processes
- Pause, resume, start, or stop a process
- Set or change the priority of a process

You can view processes in the Queue Manager by either of the following:

- JTP
- Process type

Use the **Selection Wheel** in the Queue Manager to switch between **JTP Queues** view and **Process Types** view. Figure 44 shows the Process Types view.

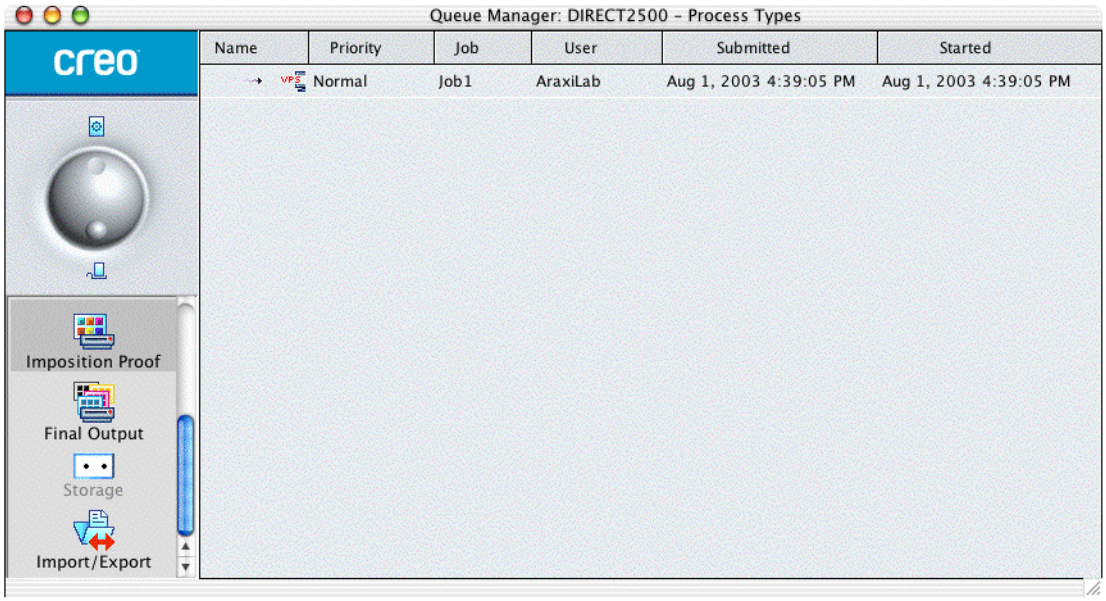


Figure 44: Queue Manager—Process Types view

Managing Files in Your Prinergy Direct System

Once you have completed a job, you can remove or destroy all job elements, including the original job data file, or if you no longer need a job or pre-job, you can destroy the entire job or pre-job.

If you license archiving, you can archive, purge, and retrieve jobs on your Prinergy system. This is useful if you will need to use a job again in the future.

Destroying Jobs



Important: Destroy a job only if you will never need it again.

Destroying a job completely removes it from the system and database, and you can no longer retrieve it. If you think you may need to print the job again and you have licensed the archiving option, you should archive and purge the job instead.

To destroy a job, in the Job Finder, from the **File** menu, select **Destroy Job**.



Note: If job data is in the **Job** folder, it is destroyed with everything else in the **Job** folder. Otherwise, it is not destroyed.

Destroying Groups

You can destroy a group if you no longer need it. For example, if you print Magazine X and it goes out of business, you will probably want to destroy the Magazine X group. To destroy the Magazine X group, you must ensure that there are no jobs in the group.

To destroy a group, in the Job Finder, from the **File** menu, select **Destroy Group**.

Destroying Impositions



Important: Destroy an imposition only if you no longer need all the elements related to the imposition, including the original job data file.

Destroying an imposition removes all elements associated with the job file, including the original job data file, from the system. You cannot retrieve any of this information after you destroy an imposition.

To destroy an imposition, in the Job Manager **Separations** view, from the **File** menu, select **Destroy Imposition**.

Removing Impositions



Important: Remove an imposition only if you no longer need elements associated with the job file.

Removing an imposition deletes all files associated with the job except the original job data file.

To remove an imposition, in the Job Manager **Separations** view, select **Remove Imposition** from the **File** menu.

Archiving Jobs

You can archive jobs only if you license archiving.

Archiving a job saves it to a separate storage device. Generally, you archive a job after it is printed. You cannot do incremental archiving with Prinergy Direct—that is, archive part of the job when it is partially complete, and then archive the rest of the job when the job is complete.

You can archive up to 10 jobs at a time. To archive, select a job in the Job Finder, then select **Archive** from the **Storage** menu.

Purging Jobs

You can purge jobs only if you license archiving.

After a job is archived, you can purge it to free up active disk space. Prinergy maintains database information regarding the location of the job in the archives so the job can be retrieved if you need to work on it later.

You can purge up to 10 jobs at a time. To purge, select a job in the Job Finder, then select **Purge** from the **Storage** menu.

Retrieving Jobs

You can retrieve jobs only if you if license archiving.

Retrieving a job means pulling an archived job back into Prinergy for reuse. You can retrieve up to 10 jobs at a time. To retrieve, select a job in the Job Finder, then select **Retrieve** from the **Storage** menu.

Managing Media

If archiving is licensed on your system, the Media Manager is available from the **Tools** menu. The Media Manager lets you view information about media pools and media on your system. Media Manager menu options let you check media for read errors, set media to complete, and copy media.

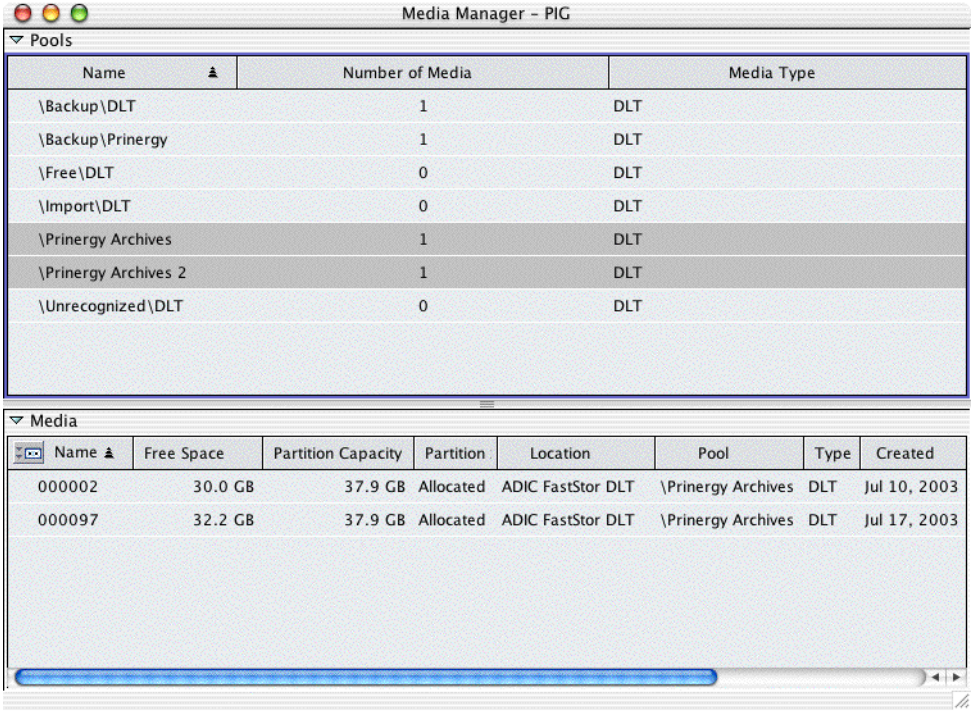


Figure 45: Media Manager

4 Running Jobs: Additional Steps

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Additional Workflow Steps

This chapter describes additional processes that you might use when running jobs, including:

- OPI
- Managing color separations
- Using the color database
- Identifying common separations
- Using font converters

Whether you include any of these processes when you run jobs depends on your workflow.



Note: This chapter does not describe all processes. It includes common optional processes as examples.

OPI

OPI is available if you refine job data in Prinergy. If you need to substitute high-resolution images for low-resolution images with OPI, you must:

- Turn on OPI
- Enter an image search path

You turn on OPI by selecting the **Do OPI Image Replacement** check box on the **Normalize** section of the refine process plan. When you submit job data to Prinergy Direct, ensure that the job hot folder you use includes a refine process plan with OPI turned on.

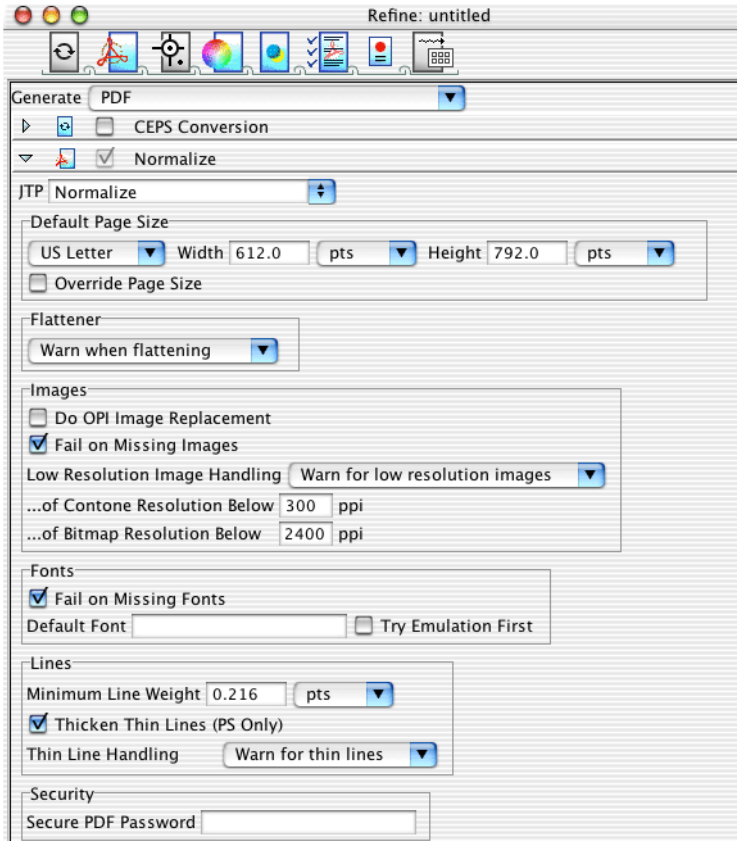


Figure 46: Refine process plan (OPI enabled)

If you use OPI, you must also set an image search path by selecting **Image Search Path** from the **Edit** menu in the Job Manager.

Managing Color Separations

Use the Job Manager **Separations** view if you need to work with color separations—for example, to handle spot colors.

Prinergy Direct lets you:

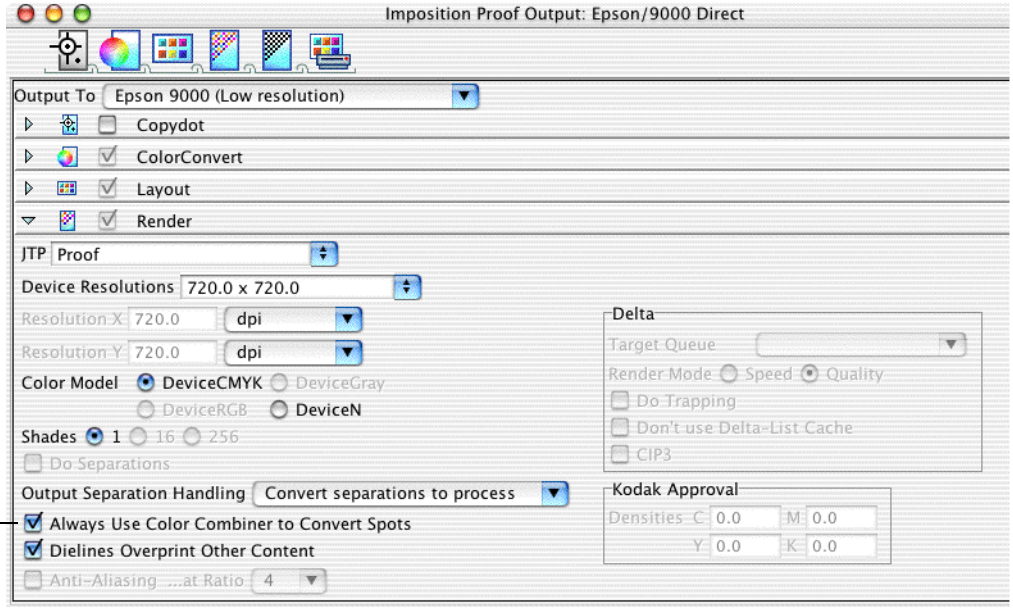
- Create an accurate proof on a four-color proofing device for a job that includes spot colors
- Convert a spot color to process (CMYK) if you refine composite job data
- Output a spot color as a separate output separation
- Print a spot color on the same output separation as another color
- Suppress a separation so that it is not printed

This section describes examples of managing color separations in Prinergy Direct.

Example: Simulating Spot Colors on a Four-Color Proofing Device

Your job has six colors—process colors (C, M, Y, and K) and two spot colors. You want to create an accurate proof of the six-color job, but you have a four-color proofing device. Prinergy's Color Combiner lets you simulate spot colors accurately on your proof.

To use Color Combiner when creating the proof, ensure that you use an imposition proof output process plan that has the **Always Use Color Combiner to Convert Spots** check box selected on the **Render** section.



Select this check box if you use a four-color proofing device to proof a job that includes spot colors.

Figure 47: Imposition proof output process plan (Render section)

Example: Output Spot Color Separations Separately

You submit a job data file that has six colors to Prinergy Direct. You want to output all six colors when you create plates—that is, you want to create six plates, one for each color separation. In this case, you do not need to manage color separations in Prinergy Direct. Simply select all six separations in the Job Manager **Separations** view and start a final output process to make plates.

Note: If you refine job data in Prinergy Direct, you must use a refine process plan that has the **Don't Map Spot Colors** option selected on the **ColorConvert** section.

Example: Converting Spot Colors to Process

You impose composite PostScript in Preps or QuarkXPress and submit the flats to Prinergy Direct. The job data contains six colors—C, M, Y, K, and two spot colors. However, you want to output only four colors—C, M, Y, and K.

To convert your spot colors to process colors, you must use a refine process plan that has the **Map All Spot Colors to Process** option selected on the **ColorConvert** section. You must drop the job data into a job hot folder that has a refine process plan with this setting.

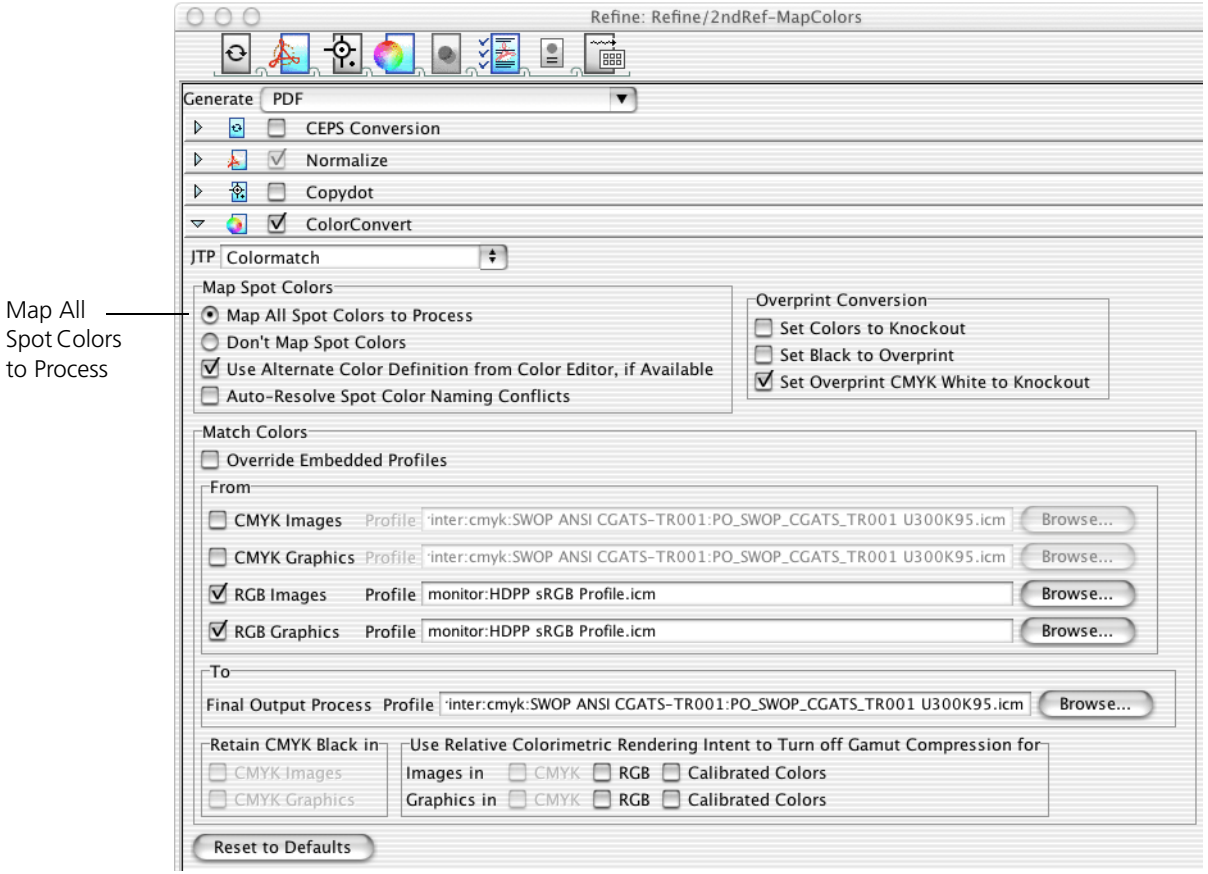


Figure 48: Refine process plan (ColorConvert section)

When the job opens in the Job Manager, you should see four separations only—C, M, Y, and K.

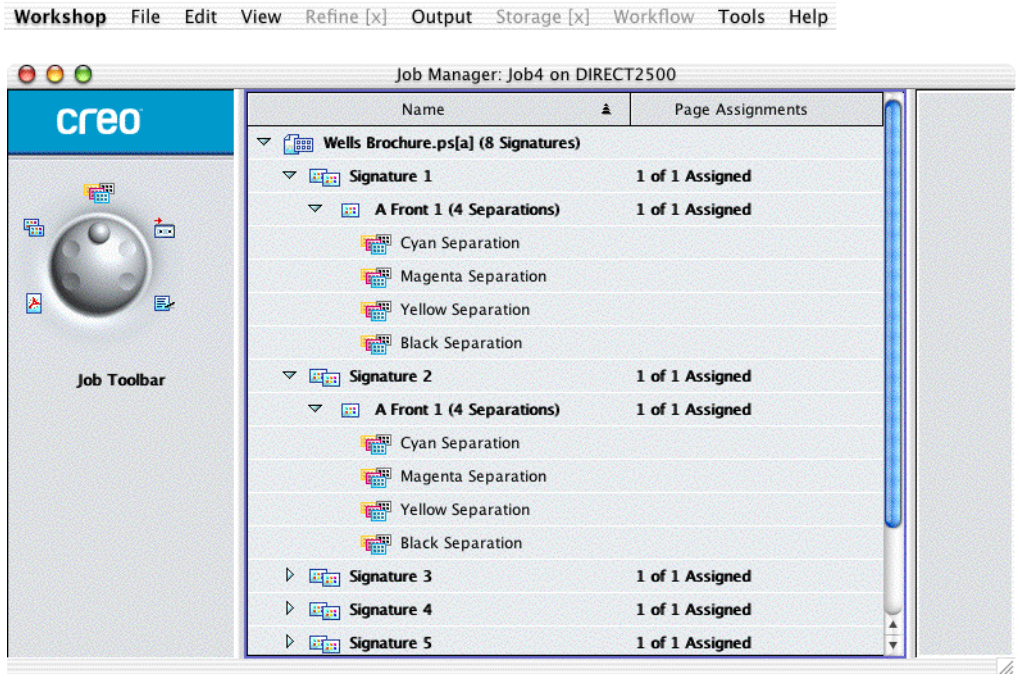


Figure 49: Job Manager Separations view

Example: Output Two Spot Colors on One Color Separation

Your job includes two spot colors. You want to output both spot colors on a single spot color separation. In the Color Separations dialog box, in the **Page Color** column, locate the spot color that you want to put on the spot color separation you are outputting. In the **Output Selected as** box, select the name of the spot color separation you want to output.

Access the Color Separations dialog box by selecting **Color Separations** from the **Edit** menu in the Job Manager.

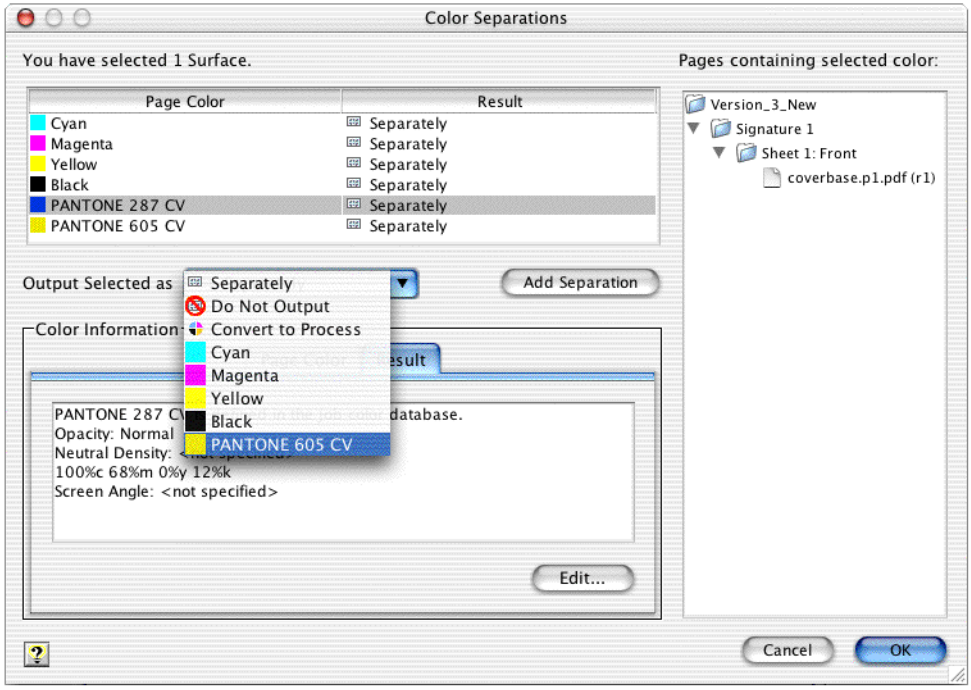


Figure 50: Color Separations dialog box

Example: Suppressing Output of Separation

The job data that you submit to the hot folder includes a varnish. However, you don't want to output the varnish when you create plates.

To suppress output of the varnish, in the Color Separations dialog box, select **Do Not Output** in the **Output Selected as** box beside the varnish.

Access the Color Separations dialog box by selecting **Color Separations** from the **Edit** menu in the Job Manager.

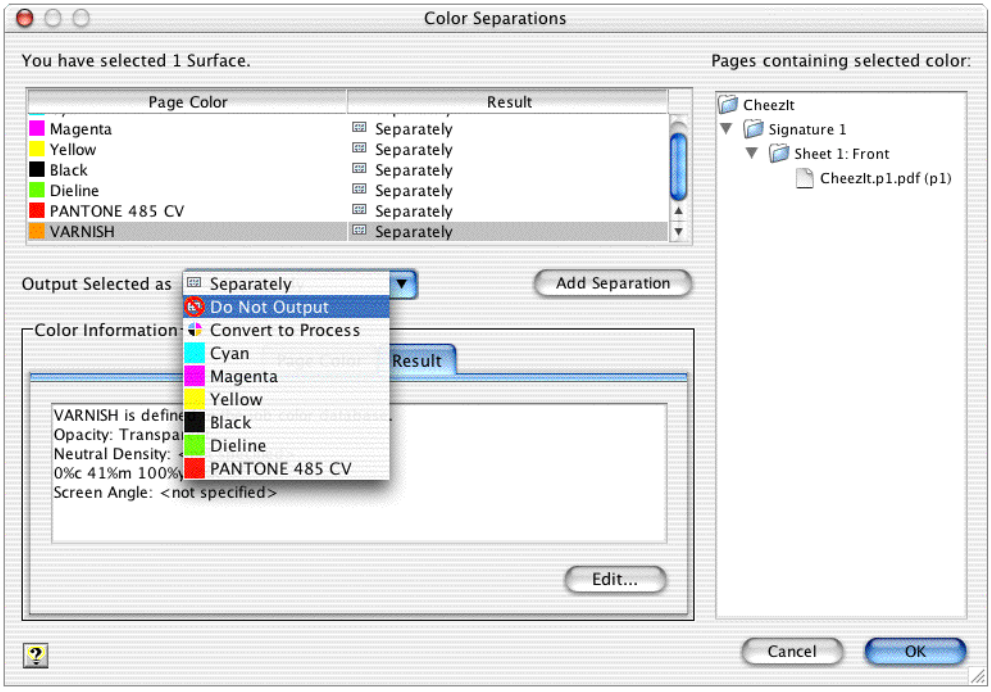


Figure 51: Color Separations dialog box

Alternately, if you want to suppress output of a separation when you create plates, in the Job Manager **Separations** view, simply select only the separations that you want to output. In other words, do not select the varnish when you create final output. See Figure 52 on page 70.

Select only the separations that you want to output when you initiate a final output process plan.

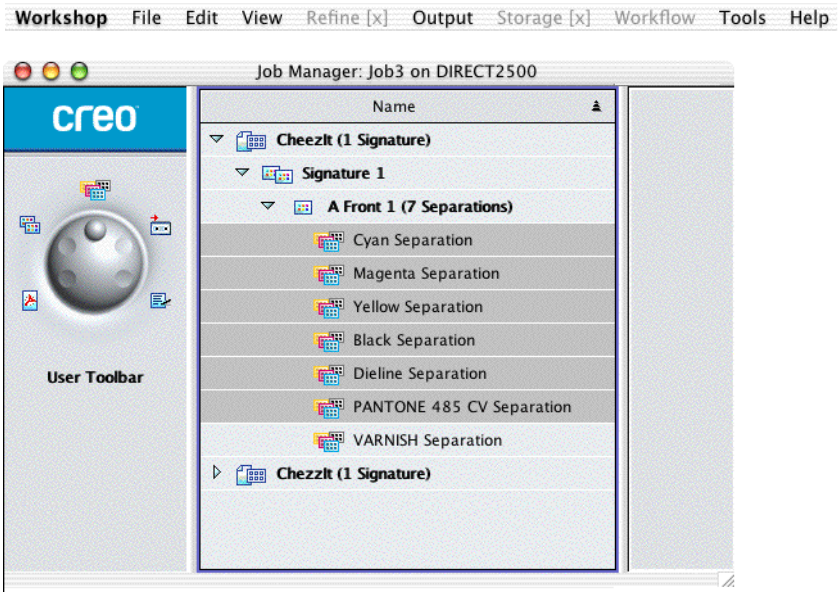


Figure 52: Job Manager Separations view

Using the Color Database

The Prinergy color database contains information about spot colors. It stores information about alternate color values, color space names (RGB, CMYK, or L*a*b*), and screening angles.

The color database lets you:

- Override color recipes from composite PostScript and PDF with one standard color recipe
- Provide recipes for separated PostScript files that don't reliably contain spot color recipes

Color database information can be defined for your whole Prinergy system or for individual jobs. When Prinergy looks for color information, it looks first at the per-job color database and then at the global color database.

For example, if your job has spot colors that you want to set screen angles for, select the spot color in the **Page Color** column in the Color Separations dialog box, and then click **Edit**.

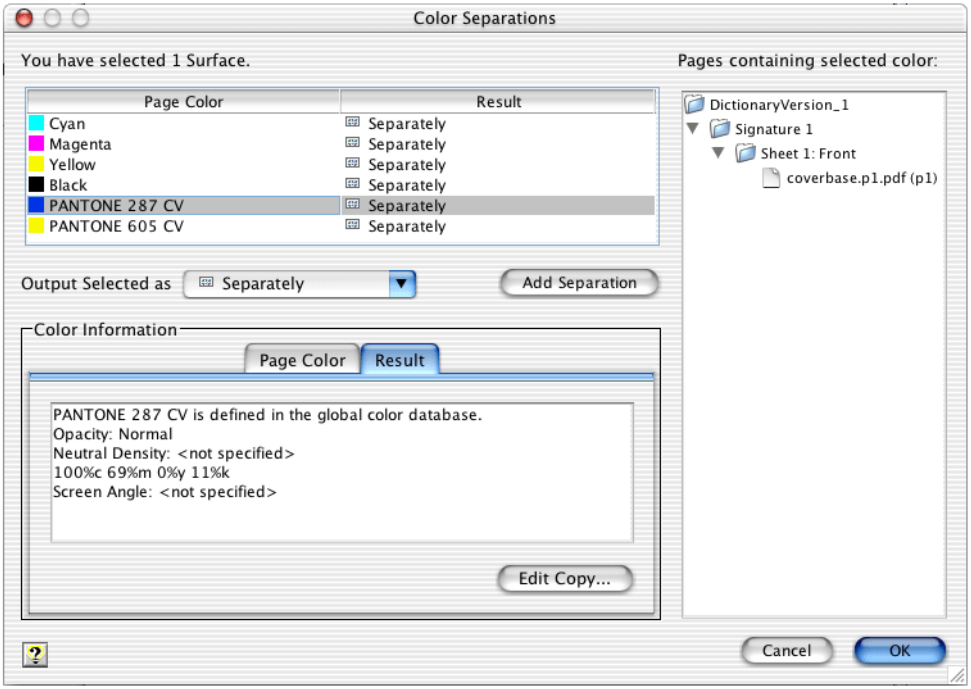


Figure 53: Color Separations dialog box

Then, in the Color Editor dialog box, specify the screen angle for the spot color separation—for example, 15 degrees.

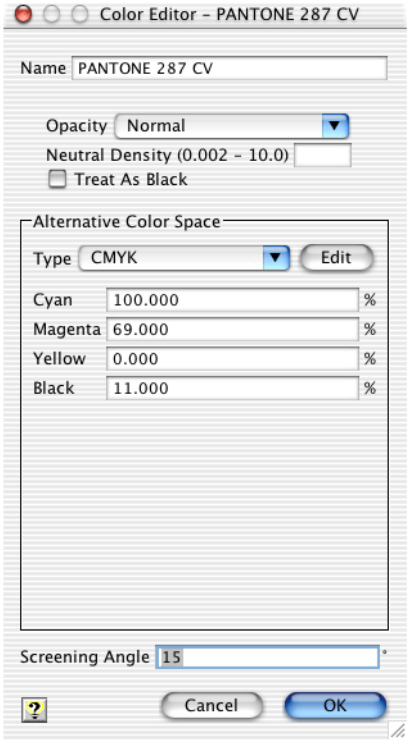


Figure 54: Color Editor dialog box

When you click **OK**, Prinergy copies the screen angle information to the Per-Job Color Editor.

To ensure that screen angles are set the way you want, open the Per-Job Color Editor from the **Tools** menu. The screen angles that you define will always be used with the job unless you modify them.

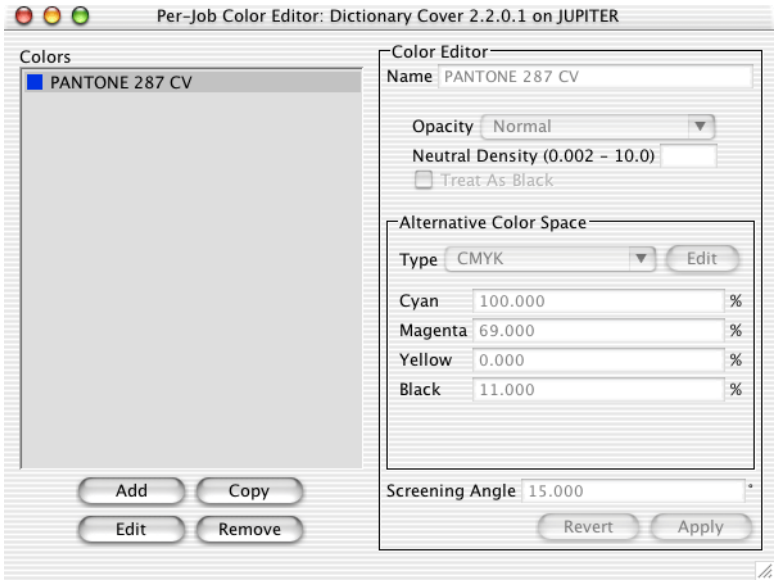


Figure 55: Per-Job Color Editor

You can also copy the information to the Global Color Editor if you want to make the spot color screen angles that you defined available to all jobs.

To copy color information to the Global Color Editor, in the Per-Job Color Editor, from the **File** menu, select **Send to Global Color Definitions**.

PANTONE Color Library

The PANTONE® Color Library is loaded into the Prinergy global color database. The library consists of color definitions for 15,571 PANTONE colors. Each PANTONE color has only one recipe. The recipes are in CMYK color space.

Note: The global and per-job color editors don't list PANTONE colors, only user-defined colors. After you refine with PANTONE spot colors, PANTONE color definitions display in the Job Manager **Separations** view and in the **Color Information** section of the Color Separations dialog box.

You can override the definitions of a PANTONE color, either globally or per-job. Your user-defined version of the PANTONE color takes precedence over the "factory" version. However, the factory version remains in the database even if you override it in the global color database. If you delete your user-defined version, the factory version once again becomes visible. It is not possible to change PANTONE color definitions.

Identifying Common Separations

If you import a job from another Prinergy system that includes regional versioning—that is, it includes more than one version of the same publication—you need to identify the separations that are common. You do not need to output separations that are common for all versions of the publication. You only need to output the unique separation(s) for each version.

You identify common separations by selecting **Identify Common Separations** from the **Edit** menu in the Job Manager **Separations** view.

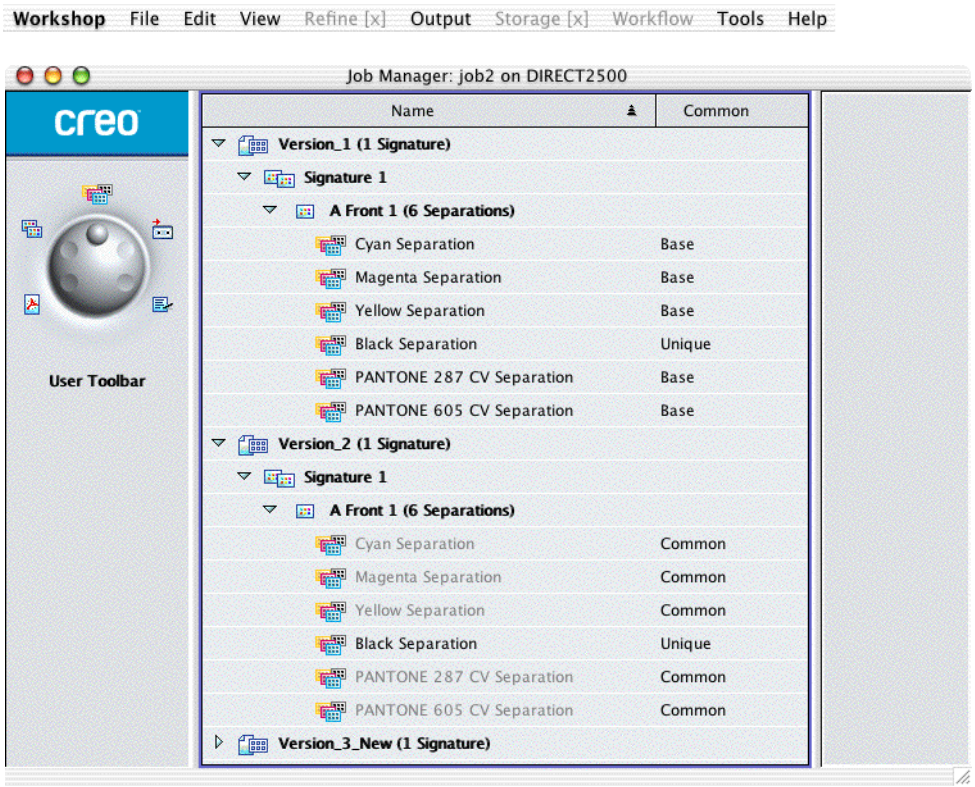


Figure 56: Job Manager Separations view (Identify Common Separations)

When you select **Identify Common Separations**, the common separations appear grayed out in the Job Manager **Separations** view. The unique separation(s) (in Figure 56, the Black separation) is displayed normally.

You can also identify common separations by displaying the **Common** column in the **Separations** view. When you select **Identify Common Separations**, the **Common** column indicates whether each separation is **Common** or **Unique**. See Figure 56 on page 74 for an illustration of this.

Using Font Converters

Font converters are software that convert font files into PFA (Printer Font ASCII) format so that they can be used by Prinergy Direct.

If fonts are already embedded in job data, or if they reference only the base 193 Adobe fonts that come with Prinergy Direct in PFA format, you do not need to use the font converter.

If fonts are not embedded in your job data, the Normalizer embeds the fonts during the refine process. The Normalizer requires fonts in PFA format; this is not a standard format that font vendors provide. Prinergy font converters convert fonts to PFA format.

You can use two font converters in Prinergy:

- Global Font Converter
- Per-Job Font Converter

Both font converters work the same way, but they place converted files in different locations. The Global Font Converter stores converted fonts on the Prinergy server and they are available to all jobs. The Per-Job Font converter stores converted fonts in the job folder, and they are only available to the individual job.

Glossary

action	A request from a client that is processed by the server.
Administrator	See *Prinergy Administrator*.
Adobe Extreme	A high-end, production-printing architecture that provides some of the core technology for Prinergy. This includes support for PDF and Portable Job Ticket Format (PJTF) and an underlying communications structure.
archive (noun)	A potentially permanent record or a set of related files—in this case, a job—that may span several file systems on one or more machines.
archive (verb)	To write a job or related files to media for permanent storage. Files are saved in context, while job data is retained in the Prinergy database, enabling you to retrieve the job to the system. See also *retrieve* and *purge*. In Prinergy Direct, you must license archiving if you want to use it.
client machine	See *Prinergy workstation*.
color match	To keep color consistency when converting one color space to another—for example, from RGB to CMYK. Prinergy uses ICC (International Color Consortium) profiles to map to L*,a*,b*, a device-independent color space. An ICC target is used to map to a device space when a file is ready for output. This maintains color consistency between the color model and output devices.
downsample	Reduce the resolution of an image. Frequently, downsampling is done when the resolution is greater than is needed, and the additional resolution does not enhance image quality. Downsampling reduces file size. In Prinergy, downsampling takes place during the image optimization part of the refine process; downsampling values are set in the **Normalize** section of the refine process plan.
element	Any item within a job—for example, a signature or job data.
Extreme	See *Adobe Extreme*.
file optimization	The process of checking and optimizing resources in PDF files. It optimizes the PDF to create a predictable digital master.
font converter	See *Global Font Converter* and *Per-Job Font Converter*.

Global Color Editor	Prinergy software that lets you add and maintain global entries in the color database.
Global Font Converter	Prinergy software that converts font files into PFA (Printer Font ASCII) format. Fonts converted with the Per-Job Font Converter are stored in the job's **System\Font** folder. These fonts can be used only by the current job.
group	Groups are used to organize jobs and pre-jobs. Though similar to a folder, groups cannot be seen from the Macintosh desktop or Windows Explorer. They are part of the data structure that is internal to Prinergy and are managed in the database on the Prinergy server.
hard proof	A physical copy of a document created using a proofing device.
hot folder	A file folder that is monitored for incoming files as a trigger for an automatic operation. The software that processes the files checks the folder location on a regular basis, and then automatically processes files found there. In Prinergy Direct, a process plan or workflow plan is assigned to a hot folder.
ICC (International Color Consortium) profile	A color space description that acts as a standard for accurate reproduction of colors across different platforms, devices, and applications.
image optimization	An option in the normalizing step of the refine process that reduces the size of images in job data by downsampling.
imposition	A means of arranging a number of pages on the front and back of a press sheet to ensure correct order after the printed sheet is folded.
job data	A file that contains job content. For example, a file created by printing a customer's file, such as a QuarkXPress™ file, to a PostScript file. In Prinergy Direct, job data can also be a .zip file exported from a Prinergy Connect or Prinergy Powerpack system.
job	The unit used to organize work. A job typically, but not necessarily, corresponds to all the components of one publication. When you create a job, Prinergy creates a job folder and database entries for tracking the job.
Job Finder	The first window that appears when you open Prinergy Workshop. Use the Job Finder to create jobs and pre-jobs, locate and open existing jobs and pre-jobs, and access other Prinergy Workshop windows via the **Tools** menu.

job folder — A folder (or directory) on a Prinergy server that stores all the system files for a job. In addition, the job folder may include job data from your customer.

Job Manager — The main Prinergy Workshop window for job management and processing in your workflow. After you create jobs and pre-jobs and submit job data, you will work mainly in the Job Manager.

Prinergy automatically displays the Job Manager when you open a job or pre-job.

job ticket — In Adobe Extreme, a collection of information related to one or more processing steps that must be carried out in Prinergy. It includes a map or route that specifies which JTPs to go to and in what order. It can also include information about which files to process, processing options, destinations, and imposition plans.

job ticket processor (JTP) — Software that performs a specific processing step to help process an Adobe Extreme job ticket. You configure JTPs using Prinergy Administrator.

Job Toolbar — The area below the **Selection Wheel** in the Job Manager, where you can display icons for frequently used imposition proof output and final output process plans. You can define a unique **Job Toolbar** for each job.

Media Manager — If you license archiving, the Media Manager is available from the **Tools** menu. The Media Manager lets you display information about the removable storage media in your system. You can also start media-related tasks from the Media Manager.

normalize — A step in the refine process that creates reliable PDF files. The normalize process converts job data that is not a PDF—for example, PostScript or EPS files. Options in the normalize process are OPI, image optimization, and font handling.

OPI — Open Prepress Interface. An extension to PostScript that automatically replaces low-resolution placeholder images with high-resolution images. Prinergy uses Adobe's OPI that is packaged with Extreme. You can optionally initiate OPI during the refine process by setting the appropriate OPI options in a refine process plan.

optimization — See *image optimization*.

PDF	Portable Document Format. PDF is a reliable file format for storing line art, images, and text (including all required fonts). PDF files do not contain device-specific settings such as imaging resolution or duplexing options.
Per-Job Color Editor	Prinergy software that lets you add and maintain job-specific entries in the color database.
Per-Job Font Converter	Prinergy software that converts font files into PFA (Printer Font ASCII) format. Fonts converted with the Global Font Converter are stored on the Prinergy server and are available to all jobs.
PostScript file	A file written in a page description language and created from a native application such as QuarkXPress or Adobe Illustrator®.
pre-job	In Prinergy Direct, use a pre-job if you import .zip files that were exported from a Prinergy Connect or Prinergy Powerpack system. When you drop a .zip file into a pre-job hot folder, Prinergy automatically creates a new job.
Prinergy Administrator	(UADM.exe) The software that serves as the Prinergy system administration user interface. Use it to configure JTPs, start and stop the Prinergy server, and monitor the system. It is installed as part of Prinergy Server and runs on that server. Available for Windows 2000 only.
Prinergy server	A Windows 2000 server machine running Prinergy Server software. It contains all Prinergy Server components, including the Oracle database. The Prinergy server coordinates requests from Prinergy Workshop and maintains the database.
Prinergy system	A system of networked computers that includes at least one Windows 2000 server machine that runs Prinergy Server software, as well as one Macintosh, Windows 2000, or Windows NT workstation that runs Prinergy Workshop (the client machine). A Prinergy Direct system can include additional client machines.
Prinergy Workshop	Client software that provides the main user interface to the Prinergy system. From Prinergy Workshop, you can manage the workflow for each job. Within Prinergy Workshop, you can access the Job Finder, Job Manager, Queue Manager, Process Plan Editor, Global and Per-Job Font Converters, and Global and Per-Job Color Editors.

Prinergy workstation

A computer running Prinergy Workshop; it does not run any Prinergy Server components. It is also be called a client machine. A Prinergy workstation can be a Windows 2000 or Windows NT computer, or a Macintosh computer.

PrintLink

Software that automatically generates digital ink profiles during the prepress stage, and then transmits the information to the press interface for precise ink keying. PrintLink also lets you print an Ink Report that lists areas of ink coverage by separation.

PrintLink is a licensable option with Prinergy Direct.

process

An action that is initiated by selecting a process plan. There are various types of processes, for example, import, refine, imposition proof output, and final output. Archive, retrieve, and purge processes are optional. All other interactions with Prinergy are called actions. A process requires content—for example, job data or PDF separations. See also *action*.

process plan

A collection of options and parameters that tells Prinergy how to perform a process. Because settings are predefined, using process plans provides consistent results. Prinergy Direct has the following types of process plans: import, refine, imposition proof output, and final output. If you license archiving, archive, retrieve, purge, and archive medium copy process plans are also available. Process plans are created and saved using the Process Plan Editor.

Users can be restricted from creating, editing, and deleting process plans and workflow plans by setting user rights in Prinergy Administrator.

Process Plan Editor

The tool in Prinergy that you use to create, modify, and manage process plans.

process plan group

A way of organizing process plans. Process plan groups are created and maintained through the Process Plan Editor. These groups are used to organize process plans and their related activities on menus and in status information columns.

purge

To delete selected job files from a Prinergy server; however, the job remains in the system because job metadata is retained in the Prinergy database. Purging is done after a job has been successfully archived. See also *archive (noun)* and *retrieve*.

In Prinergy Direct, you can purge jobs only if you license archiving.

Queue Manager	The Prinergy Workshop window that you use to view and manage queued and active processes.
refine	A Prinergy process that can include normalizing (required) and color conversion (optional). Job data is processed by the refiner according to the parameters set in the selected refine process plan.
retrieve	To bring back to the Prinergy system files that were previously archived to media. In Prinergy, retrieving instructions are set in the retrieve process plan. See also *archive (noun)* and *purge*. In Prinergy Direct, you can retrieve jobs only if you license archiving.
RIP	Raster image processor. Software that converts PostScript data into raster (bitmap) data. PDF workflow, as it is applied in Prinergy, utilizes a two-phase RIP process: interpretation and rendering. Interpretation happens as part of the refine process when the job data is normalized to PDF. Rendering, which converts the PDF file to raster data, happens as part of the output process.
Selection Wheel	Use to select different views in Prinergy windows.
server machine	A computer that provides some service for other computers connected to it via a network. In Prinergy Direct there is only one server.
soft proof	A proof displayed on the monitor using soft-proofing software such as Virtual Proofing System.
system	See *Prinergy system*.
user rights	Settings in Prinergy Administrator that determine whether Prinergy Workshop users can create, edit, and delete process plans and workflow plans, and delete history entries.
User Toolbar	The area below the **Selection Wheel** in the Job Manager, where you can display icons for frequently used imposition proof output and final output process plans. A different **User Toolbar** can be created for each Prinergy operator.
volume (Prinergy)	A shared folder on a Prinergy server. When a new job is created, you select a volume under which Prinergy creates the job folder.
volume (Windows2000)	A partition or collection of partitions that have been formatted for use by a file system.

workflow plan

A sequence of process plans—for example, refine and imposition proof—linked together to provide more automation in your workflow. When you apply a workflow plan, Prinergy performs all processes included in the workflow plan in one seamless operation; no operator input is required.

In Prinergy Direct, you can only use workflow plans with hot folders—that is, when you submit job data to a hot folder. You cannot use workflow plans to perform job processes that happen after you submit job data to Prinergy Direct.

Workshop

See *Prinergy Workshop*.

workstation

See *Prinergy workstation*.

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