Quick Start Guide

English

Print Console

version **3.1**

03-4321A-A

www.creo.com

Print Console

version 3.1

Quick Start Guide

creo™

Copyright

Copyright © 2002 Creo Inc. All rights reserved.

No copying, distribution, publication, modification, or incorporation of this document, in whole or part, is permitted without the express written permission of Creo. In the event of any permitted copying, distribution, publication, modification, or incorporation of this document, no changes in or deletion of author attribution, trademark legend, or copyright notice shall be made.

No part of this document may be reproduced, stored in a retrieval system, published, used for commercial exploitation, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the express written permission of Creo Inc.

This document is also distributed in Adobe Systems Incorporated's PDF (Portable Document Format). You may reproduce the document from the PDF file for internal use. Copies produced from the PDF file must be reproduced in whole.

Trademarks

The Creo wordmark, Creo logo, and the names of the Creo products and services referred to in this document are trademarks of Creo Inc.

Adobe, Acrobat, the Acrobat logo and PDF are registered trademarks of Adobe Systems Inc., and are registered in the US Patents and Trademark Office and may be registered in other jurisdictions.

Apple, AppleTalk, AppleShare, EtherTalk, LocalTalk, Macintosh, and Laserwriter are trademarks of Apple Computer Inc.

Microsoft, Microsoft Windows NT, Microsoft Windows 2000, and Windows are trademarks or registered trademarks of Microsoft Corp.

Xerox is a registered trademark of Xerox Corp.

Other brand or product names are the trademarks or registered trademarks of their respective owners.

FCC Compliance

The Creo equipment referred to in this document complies with the requirements in Part 15 of FCC Rules for a Class A computing device. Operation of the Creo equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

Limitation of Liability

The product, software or services are being provided on an "as is" and "as available" basis. Except as may be stated specifically in your contract, Creo Inc. expressly disclaims all warranties of any kind, whether express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose and non-infringement.

You understand and agree that Creo Inc. shall not be liable for any direct, indirect, incidental, special, consequential or exemplary damages, including but not limited to, damages for loss of profits, goodwill, use, data or other intangible losses (even if Creo has been advised of the possibility of such damages), resulting from: (i) the use or the inability to use the product or software; (ii) the cost of procurement of substitute goods and services resulting from any products, goods, data, software, information or services purchased; (iii) unauthorized access to or alteration of your products, software or data; (iv) statements or conduct of any third party; (v) any other matter relating to the product, software, or services.

The text and drawings herein are for illustration and reference only. The specifications on which they are based are subject to change. Creo Inc. may, at any time and without notice, make changes to this document. Creo Inc., for itself and on behalf of its subsidiaries, assumes no liability for technical or editorial errors or omissions made herein, and shall not be liable for incidental, consequential, indirect, or special damages, including, without limitation, loss of use, loss or alteration of data, delays, or lost profits or savings arising from the use of this document.

Patents

This product is covered by one or more of the following U.S. patents:

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

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: (1) (604) 451-2700
Fax: (1) (604) 437-9891

http://www.creo.com

03-4321A-A

Revised August 2002

Contents

Using This Manual vii

Welcome ... viii
Who Should Use This Manual ... viii
Conventions Used in This Manual ... viii
Fonts ... ix
Terminology ... ix
PDF Document ... x
Symbols ... xi
For More Information ... xi
Online Help ... xii
On-site Training ... xiv
Print Console Technical Bulletins and Release Notes ... xiv

1 Introduction 1

Print Console in Your Workflow ... 2
How to Install Print Console ... 3
Software Features ... 3
System Features ... 4
Front-End Workflow Systems Supported ... 8
Job Processing Features ... 8
What Kind of Files Can You Use? ... 14

2 Navigating Through Print Console 15

Job Management Windows ... 16
Status Window ... 16
Queues Window ... 19
Messages Window ... 22
Configuration Window ... 24

3 Using Print Console 35

Configuring Print Console ... 36
Creating Digital Halftone Proofs and/or Plates ... 37
Making Digital Halftone Proofs ... 37
Making Plates ... 39
Starting Print Console ... 42
Exiting Print Console ... 43
Submitting Files ... 43
Manually Submitting Files ... 44
Editing Job Properties ... 44
Managing Color Mappings ... 47

Monitoring Jobs 47
Checking Pending Job Status 48
Checking Active Job Progress 48
Checking Processed Job Status 49
Loading Media into an Autoloader Bay or Cassette 49
Handling Device or Workstation Error Messages 51

4 Print Console Utility 53

Overview 54
Backing Up Registry Settings 54
Restoring Archived Registry Settings 56

Glossary 59

Index 65

Using This Manual

Welcome viii
Who Should Use This Manual viii
Conventions Used in This Manual viii
Symbols xi
PDF Document x
For More Information xi

Welcome

This manual is intended for anyone who is involved in using or administering Print Console software. It introduces key concepts and explains how to use the software.

Use this manual:

- To learn about the main Print Console features
- To learn what the main Print Consol windows are used for
- For an overview of the Print Console device control workflow and workflow tasks

If you've taken Print Console classroom or self-study training, you've covered all of the information in this manual. Use this manual to refresh your memory.

For information about your Print Console workstation, see the documentation you received with the hardware. For information about the RIP, see your RIP documentation (for example, the Prinergy online help). For information about the output device, see your output device operator documentation.

Who Should Use This Manual

To use this manual, you should:

- have a working knowledge of prepress operations
- be familiar with the Windows operating system

This manual assumes that:

- All the hardware, software, and network components of your Creo system are installed, configured, and operating correctly.
- Files submitted to the Creo system are free of common errors usually resolved during preflight, such as missing fonts and PostScript errors.

Conventions Used in This Manual

This section describes the fonts, terminology, and symbols used in this manual.

Fonts

Frutiger Bold is used to refer to buttons and other items in a dialog box, file names, folders, menu names, and menu commands.

Minion Italic is used to refer to other chapters in the manual, book titles, and titles of other manuals.

Frutiger is used for figure and table captions.

`Letter Gothic` is used for messages on your computer screen and for information that you must type.

SMALL CAPS is used for a key or key combination on your keyboard.

Terminology

Clear Place the mouse pointer over the check box for the specified option, and then click the left mouse button so that the X or check mark is removed from the check box.

Click Place the mouse pointer over the specified option or button, and then press and release the left mouse button.

Double-click Place the mouse pointer over the specified option or button, and then quickly press and release the left mouse button twice.

Drag Hold down the left mouse button while moving the mouse, and then release the button.

Enter Type the information, and then press the ENTER or RETURN key.

Point Position the mouse pointer over a submenu or menu command. For example, point to the **File** menu.

Print Console When used alone, this term refers to Print Console device control software. It does not refer to the Print Console workstation which consists of Print Console, Creo TIFF Downloader, GDAPI, and the RIP.

Press Press the specified key or key combination on your keyboard. For example, press CTRL+ALT+DEL.

Right-click Place the mouse pointer over an area of the application window, and then press and release the right mouse button to display the shortcut menu. For more information about using shortcut menus, see your Windows documentation.

Select Place the mouse pointer over the check box for the specified option, and then click the left mouse button so that an X or check mark appears in the check box.

Or:

Place the mouse pointer over the specified box or button, and then click the left mouse button.

Type Type the information. Do not press the ENTER or RETURN key.



Note: If your workstation is configured with a touch screen monitor, all of the above terminology applies, but instead of using a mouse, you must use a pointer tool or your finger to click, double-click, select, drag and drop, and point. You cannot right-click. For information on using touch screen monitors, see your touch screen monitor documentation.

PDF Document

This manual is also provided in PDF (Portable Document Format). The PDF file is located in the **\PrintConsole\pdf** folder on the CD containing the Print Console software, or in the **\PrintConsole\pdf** folder on the drive where Print Console is installed. It can also be accessed from the Other Resources page in the Print Console online help.

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

Symbols



CAUTION: This symbol indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. This may also alert you against unsafe practices or potential property-damage-only accidents.



Attention: This symbol indicates things that may cause you loss of data or damage to your computer hardware.



Important: This tells you about things that may cause process delays or reduce functionality, reliability, or quality.



Note: A note provides additional information that you may need to consider.



Tip: This symbol indicates information that can help you perform a task more quickly or easily.



Many sections in this manual have references to the corresponding section of the online help. References to the online help are marked with an online help icon.

For More Information

This section describes additional resources for learning about Print Console. Visit Creo at www.creo.com for documentation, training courses, downloads, and service and support contacts.

Online Help

This manual provides only a basic overview of Print Console. The online help will be your primary source of information.

Use the online help:

- After reading this manual
- For detailed step-by-step procedures for all Print Console tasks
- For detailed information on Print Console features and concepts
- For information about how the options in Print Console windows affect your system
- To search for information about a topic or keyword

To access the main level of Print Console online help:

- Click the help icon on the left side of the Status window. The main level of the online help appears. It contains the table of contents, index, keyword search, and all overview and procedural information.

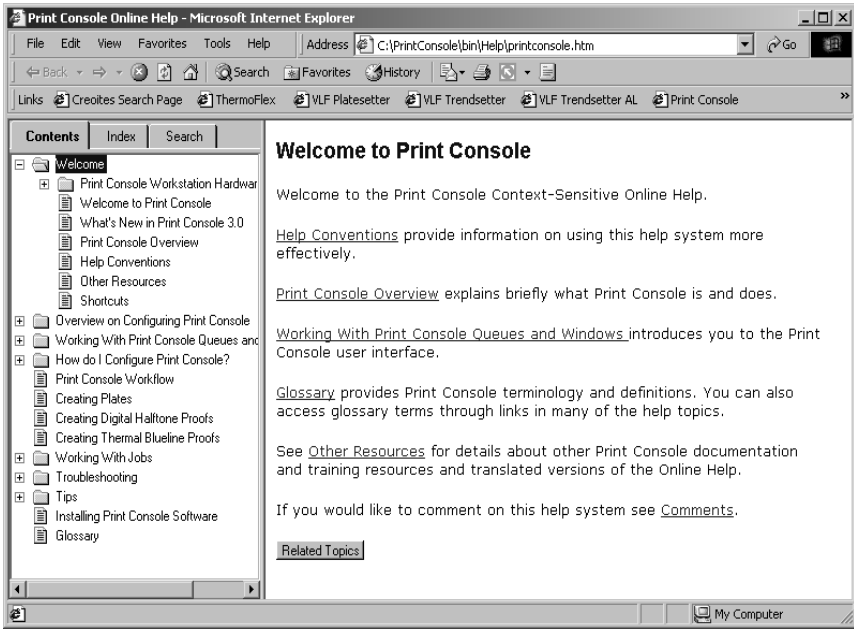


Figure 1: Using Print Console online help

- Instructions for using the online help are available from the Help Conventions hyperlink on the Welcome page.

To print the main level help topics:

1. Click the online help button on the lower left of your Print Console window. The window-level help dialog box appears.
2. Search for a topic.
3. From the **File** menu, select **Print**.

   The Print dialog box appears.
4. Click **OK** to print the topic.

To access context-sensitive field-level help on boxes or buttons:



1. Click the Help button on the top-right corner of the Print Console interface .

   The pointer tool becomes a question mark.
2. Using the question mark pointer tool, click the relevant box, button, or section.

   Or:

   In the box, button, or section, press F1.

   Print Console displays a window containing field-specific information.
3. Click **OK** to close the window.



Note: You cannot access field-level help by pressing F1 on boxes or buttons that are view-only or unavailable. You must use the question mark pointer tool to access information on view-only boxes or buttons.

You can print both the window-level and field-level help topics.

To print field-level help topics:

1. With the question mark pointer tool, click the box or button that you want more information about.

   A field-level help window appears.
2. In the field-level help window, right-click, and then select **Print** from the short-cut menu.

   The Print dialog box appears.

3. Click **OK** to print the field-level help topic.



Online help

Many sections in this manual have references to corresponding sections of the online help table of contents. References to online help topics are marked with the online help icon.

On-site Training

An on-site Print Console training course is available. For more information, contact your service representative.

Print Console Technical Bulletins and Release Notes

Technical bulletins are available that describe:

- How specific workflow systems connect to Print Console
- How to configure Print Console for each workflow system
- How to process files

Release Notes are available that describe:

- New features
- Known problems
- Problems fixed

1 Introduction

Print Console in Your Workflow 2
How to Install Print Console 3
Software Features 3
System Features 4
Job Processing Features 8
What Kind of Files Can You Use? 14

Print Console in Your Workflow

Print Console is device control software that works with raster image processing (RIP) software to deliver RIPed files to an output device for imaging onto media to create digital halftone proofs, film, or plates. Print Console is not a RIP. It works with your RIP software to process jobs to an output device.

Print Console runs on the Print Console workstation hardware platform. The Print Console workstation contains Print Console device control software, RIP software, GDAPI (Generic Device Application Programming Interface), and Creo TIFF Downloader. The Print Console workstation is a bridge between the prepress process and the output device.

Print Console is device control software. When it detects that the device is idle, it looks at the next job in the Print Console pending queue. It notifies the output device to load the appropriate medium configured in the job properties, and then notifies the appropriate RIP, which is configured with Print Console (for example, Prinergy), to process the job and send the generated raster to the device.

Print Console notifies you when the device needs attention, such as when media need to be loaded or a device error occurs.

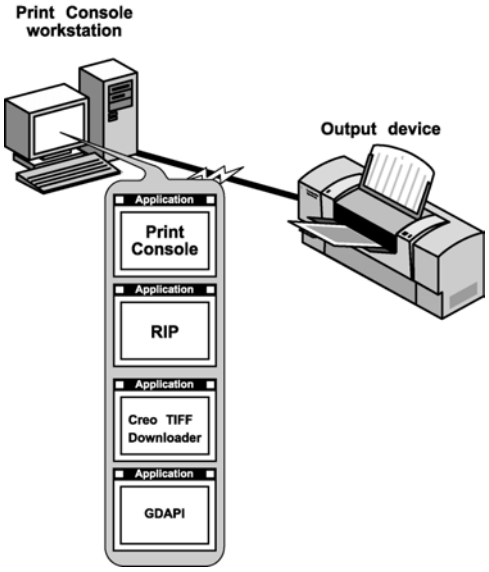


Figure 2: Relationship between Print Console workstation software and output device

How to Install Print Console

Print Console can be installed by your service representative, or you can install it yourself. To install Print Console, read the installation PDF on the software CD and follow the on-screen instructions in the Print Console installation program.

Software Features

This section describes the following features of Print Console:

- System features
- Job processing

System Features

The Print Console system has five components:

- Print Console workstation running on Windows 2000
- Print Console device control software
- Creo TIFF Downloader software
- GDAPI (Generic Device Application Programming Interface)
- Output device, such as a Trendsetter®

Print Console Workstation

The Print Console workstation runs Print Console software. It is the entry point for digital data coming into the system. It runs on an Intel computer connected to a local area network (LAN) over which it receives files.

Operating System Supported

The Print Console workstation is a high-speed workstation running the Windows 2000 operating system. To operate the workstation efficiently, you must have a basic understanding of Windows 2000—for example, how to start up, log on, and shut down the system. For information on Windows 2000, see your Microsoft Windows 2000 documentation.



Note: For details on turning the workstation on or off, consult your workstation documentation.

Print ConsoleDevice Control Software

Print Console device control software provides queue management, color separation management, connectivity to RIP software, and connectivity to an output device. It runs on the Print Console workstation with the RIP software, GDAPI, and Creo TIFF Downloader. Print Console coordinates RIP and device operations for imaging onto media.



I**mportant:** For optimal system performance, do not use a screen saver. Set the screen saver to blank in Windows 2000.

Creo TIFF Downloader Software

You can use Creo TIFF Downloader as RIPsoftware, as a diagnostic tool, or a workflow tool.

As a diagnostic tool, Creo TIFF Downloader lets you submit prescreened 1-bit TIFF test files to Print Console for imaging on an output device. The results indicate whether imaging problems are due to the RIP or the output device.

As a workflow tool, Creo TIFF Downloader lets you submit prescreened 1-bit TIFF files to Print Console. You generate the TIFF files using a RIP of your choice, and then submit the TIFF files to Print Console for imaging on an output device.

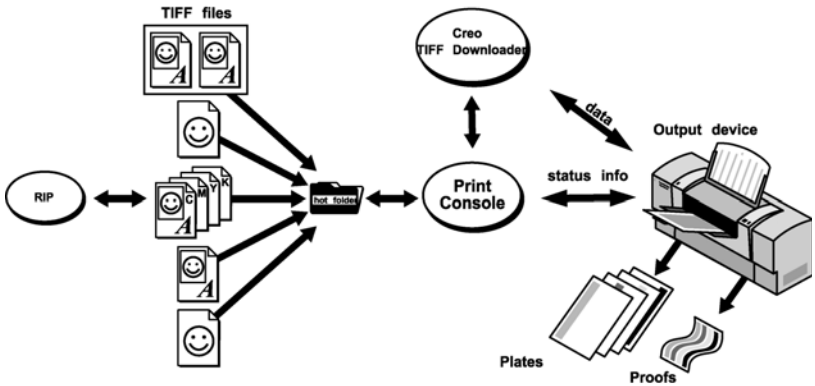


Figure 3: Creo TIFF Downloader and Print Console

When Creo TIFF Downloader is registered with Print Console, it is available as a RIP option for your jobs.

Note: Creo TIFF Downloader does not act as a traditional RIP; it only reads prescreened 1-bit TIFF files and sends the raster to the output device.

You do not interact with Creo TIFF Downloader after you have selected it as a RIP for your job. It operates in the background, letting you submit prescreened 1-bit TIFF files to the output device.

Note: To use Creo TIFF Downloader as a workflow tool, you must obtain a Creo TIFF Downloader license key from your service representative. Without a license key, Creo TIFF Downloader images the words `Creo Diagnostic Tool` on the media.

Online help

- TIFF Downloader
- TIFF Jobs

GDAPI Support

Print Console includes a Generic Device Application Programming Interface (GDAPI). GDAPI connects RIP software to Print Console. You do not interact directly with GDAPI; it operates in the background, allowing you to submit raster images, with job properties defined in the RIP software workflow, directly to Print Console.

The purpose of GDAPI is to give the RIP more control over jobs and job properties. Therefore, all job properties must be applied or edited in the RIP before being submitted to Print Console. Because the RIP controls the job properties of jobs submitted to Print Console, you cannot edit the job properties in Print Console. You can view the job properties in the Job Properties dialog box in Print Console, but you cannot edit the job properties from the dialog box. This is different from when you submit jobs to Print Console using hot folders and Creo TIFF Downloader. If the job is queued and job properties were not set correctly by the RIP, the job must be canceled and resubmitted in order to correct the job properties.

When the RIP queues a job containing one or more raster images, the job is held in the pending queue as **unapproved** until all job properties are specified by the RIP, at which point the job is **approved** by the RIP and sent to the active queue for processing. The amount of time that a job remains **unapproved** depends on how quickly the RIP can supply all of the job properties that are required to approve the job.



Note: You cannot approve GDAPI jobs in Print Console. GDAPI jobs are preapproved by the RIP.

If you submit jobs to Print Console through GDAPI, you do not need to:

- Create hot folder input queues because the files are sent directly to Print Console from the RIP workflow
- Configure Print Console with print setups for initializing job properties, because job properties are defined in the RIP workflow.



Note: If you configure Print Console with print setups, Print Console does not apply those print setups to GDAPI raster images. The job properties defined in the RIP workflow override the print setups configured in Print Console.

- Configure proof color mappings in the **Proof Color Table** pane. Color mappings for GDAPI proofmaking jobs are created in the RIP, based on the device media default color order and the color separations in the job raster.

And you cannot:

- Edit job properties from the pending queue. You must define and approve all job properties in the RIP workflow. Print Console displays all job properties in the Job Properties dialog box as view-only when you submit the job through GDAPI.
- Group, ungroup, or unapprove raster images submitted to Print Console through GDAPI

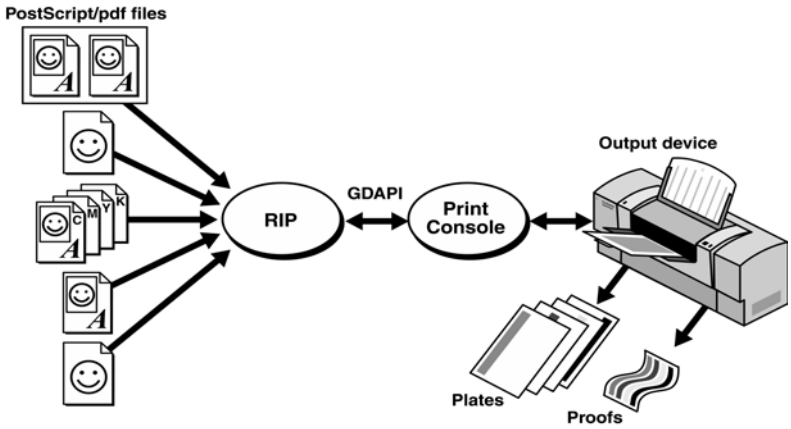


Figure 4: Print Console GDAPI concept

Note: Creo TIFF Downloader and GDAPI coexist on the Print Console workstation. If your system is not GDAPI compliant, then you can use hot folders and Creo TIFF Downloader with Print Console to process pre-screened 1-bit TIFF files.

Output Devices Supported

Print Console is an integral part of a Controlled Release package that consists of an Output Device and all supporting hardware and software. Contact your service representative for details on which output devices have qualified this version of Print Console for use.

Online help

- Print Console Overview

Front-End Workflow Systems Supported

Print Console can connect to a variety of front-end workflow systems, such as Prinergy or the Brisque.

Print Console supports front-end workflow systems capable of interfacing directly through GDAPI or supplying prescreened 1-bit TIFF files through hot folders and Creo TIFF Downloader. See also *Output Devices Supported* on page 7.



Note: Workflow systems must meet specific requirements before they can interface with Print Console through GDAPI.

Print Console connects to TIFF workflow front-end systems using hot folder input queues.

Job Processing Features

Job Submission

When you submit a file to Print Console, it is appears on the **Pending** pane in the Queues window as a job in the pending queue.

You must approve pending jobs before Print Console can process them.



Note: You can group two or more jobs together to create one large job that contains many files.

If you submit raster images with job properties defined in the RIP workflow, to Print Console through GDAPI, Print Console automatically displays the job in the active queue ready for processing, or in the pending queue with a status of **Approved**.

If you submit TIFF files via a hot folder, you can manually approve the job or enable the **Auto Approve** option on the print setup.



Online help

- How to Submit Files to Print Console
- How to Group Pending Jobs
- How to Approve Pending Jobs

Queue Control

Print Console uses the following to process and review jobs:

- Pending
- Processed
- Active

See *Status Window* on page 16 and *Queues Window* on page 19.

Shortcut Menus and Keyboard Shortcuts

Right-click jobs in the Status and Queues windows to access Print Console shortcut menus.

Job Property Configuration

Each job in Print Console has a Job Properties dialog box, which contains processing instructions for the job. The information in the Job Properties dialog box is only used for the job to which it is attached. Job properties (such as the RIP to use and the imaging media) for each job, can be viewed and edited from the Job Properties dialog box. See also *Print Setups and Job Initialization* on page 10.



Note: Job properties for raster images, with job properties defined in the RIP workflow, submitted directly to Print Console through GDAPI can only be viewed from the Job Properties dialog box. You cannot edit job properties in the Job Properties dialog box. You must edit the job properties in your RIP workflow system (from Prinergy or the Brisque, for example).



Online help

- How to Configure Job Properties

Job Approval

Print Console holds jobs in the pending queue until you manually approve them for processing. This feature gives you time to prepare the job for processing and to edit the job properties. Print Console does not process unapproved jobs; Print Console only processes jobs with a status of approved.

You can choose whether to use the job approval feature. You can configure Print Console to automatically approve jobs when they enter the system, or to hold jobs in the pending queue until you manually approve them. This configuration is set in the **Print Setups** pane.



Online help

- Configuring Print Setups
- Approving Pending Jobs

Print Setups and Job Initialization

In Print Console, a print setup is a template for assigning job properties. Print setups can be associated with input queues, which are the mechanisms you use to submit files to Print Console. When you submit a file to Print Console through a hot folder input queue that has a print setup associated with it, Print Console applies the configurations in the print setup to the incoming files. You can view the configurations for each job in the Job Properties dialog box, and you can change the job properties as desired.



Online help

- Configuring Print Setups
- Configuring Hot Folders
- How to Attach Print Setups to Hot Folders
- How to Submit Files

Color Mapping for Digital Halftone Proofing

Print Console provides a proof color table for creating digital halftone proofs. This lets you map the names of colors in the files you're processing to the names of the colored digital halftone proofing media you want to use. The result is a color mapping, which is stored in the proof color table.

The purpose of the proof color table is to map color names from the large selection of special colors available for printing inks, such as the PANTONE® library of colors, to the smaller selection of colored media available from a given media vendor for digital halftone proofmaking. For example, mapping the RIP color, PANTONE Red 032 CV, to the device color, Red, will tell the device to image PANTONE Red 032 CV separations on the red proofing donor.

Color mappings are only used during digital halftone proofmaking; they are not used for platemaking, film-making, or any other process.



Online help

- Managing Color Mappings

Animated Job Process in the Status Window

Print Console includes animation that shows you a job's progress during imaging. When the output device images a job, animation in the Status window displays the imaging progress of the job on the output device.

Note: You can choose to disable the animation feature entirely or limit it to displaying the first frame of an animation sequence.



Online help

- Configuring Status Window Animation

Keyboard Shortcuts

This section describes Print Console keyboard shortcuts.

Table 1: Keyboard shortcuts

Key combination	Result
CTRL+A	Selects all jobs on the **Pending** or **Processed** tab in the Queues window.
+	Expands all selected jobs.
-	Contracts all selected jobs.
DELETE	Deletes the selected job(s) from the **Pending** or **Processed** tab in the Queues window.
UP ARROW	Moves the selection line up.
LEFT ARROW	Moves the selection line up.
DOWN ARROW	Moves the selection line down.
RIGHT ARROW	Moves the selection line down.
HOME	Selects the first job.
END	Selects the last job.
CTRL+ALT+C	Shows/hides the **Configuration** button.
CTRL+G	Groups selected jobs together on the **Pending** tab.

Key combination	Result
ALT+*COMMAND LETTER*	Expands the menu command (for example ALT+J expands the **Job** menu). Once the menu command is opened, press the underlined letter of the menu option to activate the option (for example, in the **Job** menu, press S to submit the file).
ALT+F4	Closes Print Console.
CTRL+ALT+P	Hides the **Generate PPD** pane in the Configuration window. Once hidden, press CTRL+ALT+P again to display the pane. You can only hide the **Generate PPD** pane when Print Console is configured with a Delta Technology Application/Workflow.
CTRL+N	Ungroups a selected job on the **Pending** tab.

Icons

Print Console uses graphic icons to illustrate elements of the user interface of your job.

For example, jobs are listed on the **Pending** pane in the Queues window. You can tell which media are associated with a job by looking at the icon beside the job name. Jobs queued for output on aluminum plates have a green plate icon beside the job name. Jobs queued for output on digital halftone proofing media have a four-color proof icon beside the job name. Job separations queued foroutput on News 200 machines have arrows attached to the icons to indicate which head that job will be imaged by.

Table 2: Job queue icons definitions

Icon	What it represents
	A four-color proof icon represents digital halftone proofing media.
	A green plate icon represents aluminum plating media.
	A gray plate icon represents flexographic media.
	A file icon represents a file in the job.
	A cyan, magenta, yellow, or black icon represents the color of the color separation in the file and/or job.
	News 200 specific - a cyan, magenta, yellow, or black icon indicating which head that color separation will be imaged by.
	A spot icon represents a spot color separation in the file and/or job.
	News 200 specific - a spot color separation that will be imaged on the left head.
	A blue icon represents thermal blueline proofing media.
	A question mark icon represents an unknown color or media in the file and/or job. This icon also appears when the device media or fixed media size is not defined in the job properties.
	News 200 specific - an unknown separation that will be imaged on the right head.

What Kind of Files Can You Use?

There are two types of jobs files that you can submit to Print Console: composite and separated.

You can submit composite jobs to Print Console using a GDAPI connection after they have been processed by the RIP.

Color date for a separated job is separated into different files, for example, 1-bit TIFF files. Each color separation is a separate job. Within Print Console, you can group these separate job files into one job.

2

Navigating Through Print Console

Job Management Windows 16
Configuration Window 24

This chapter describes the main configuration and job management windows in Print Console, how to customize the windows, and how to move around in Print Console.

You configure Print Console to manage pending jobs and to submit jobs to your output device. To do this, you use three job management windows and one configuration window.

Job Management Windows

Use the Status, Queues, and Messages windows to manage jobs.

- The Status window has two views:
  - Device status
  - Active job status
- The Queues window has two panes:
  - **Pending**
  - **Processed**
- The Messages window has two panes:
  - **Messages**
  - **History**



Online help

- Working With Print Console Queues and Windows

Status Window

The Status window displays information about the device and (in the **active** queue in the bottom half of the Status window) the job that Print Console is currently processing.

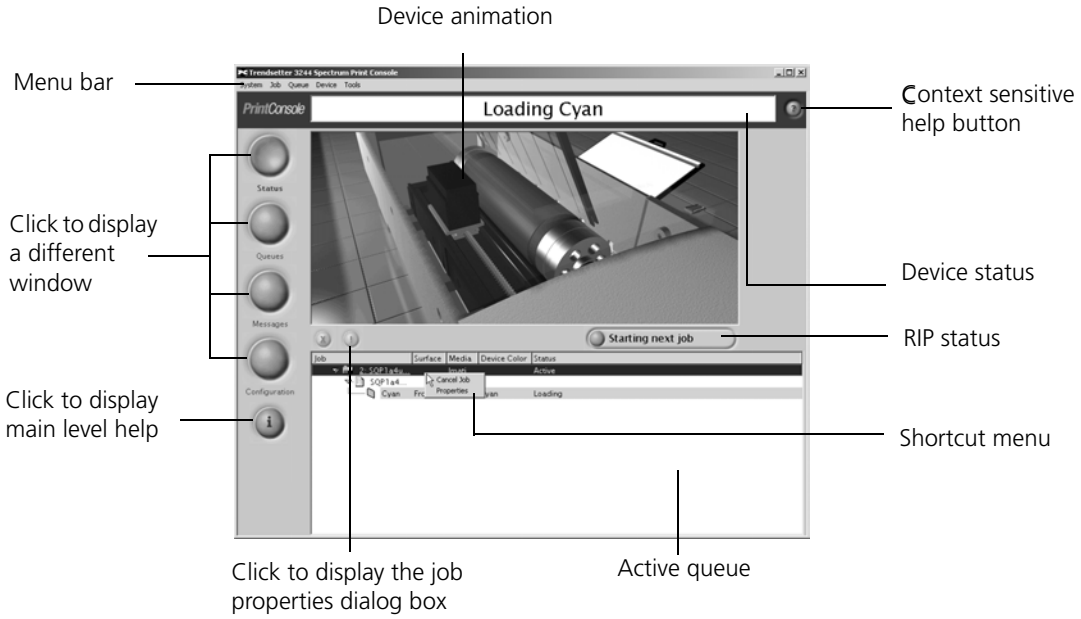


Figure 5: Status window

Use the Status window to:

- Configure an autoloader bay or cassette
- View the bay status and bay quantity
- View the animation of the imaging process
- View the status of the device
- View the status of the RIP
- View the status of active jobs
- View the job properties of active jobs
- Cancel active jobs

Online help

- Managing Active Jobs
- Status Window

Configure Bay

Use the Configure Bay dialog box to load plates into an autoloader device. See *Loading Media into an Autoloader Bay or Cassette* on page 49.

You access the Configure Bay dialog box from the Status window.

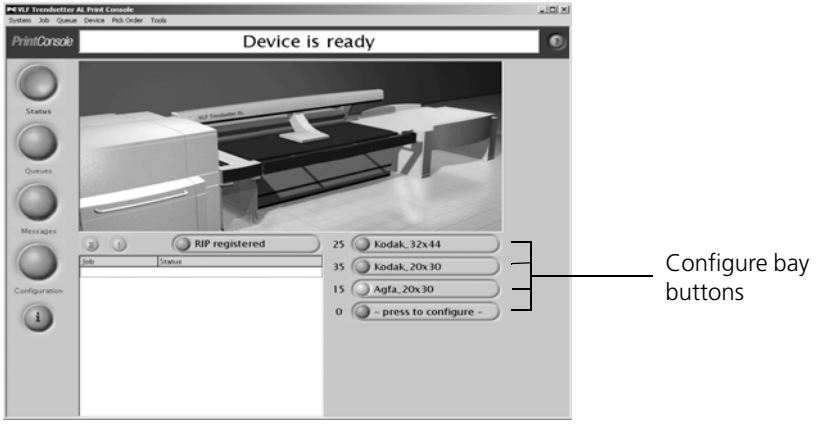


Figure 6: Configure Bay buttons on Status window

Print Console supports bay handling on the Platesetter 3244 and VLF (Very Large Format) Platesetter and cassette handling on the Trendsetter AL (Autoloader) and VLF Trendsetter AL.

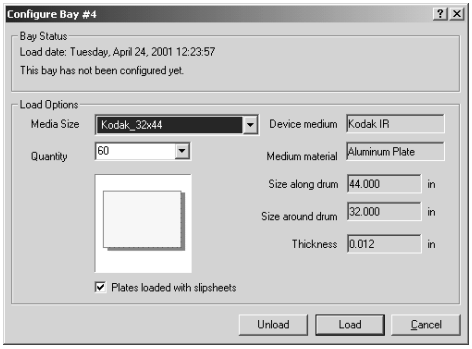


Figure 7: Configure Bay dialog box

Use the Configure Bay dialog box to:

- Load an empty bay or cassette
- Reload a bay or cassette with the same plate
- Load a bay or cassette with a different plate type or size
- Unlock a bay or take it offline

At startup, Print Console displays the last known bay configuration in the Configure Bay dialog box.



Note: If the button displays as a blue circle, the bay or cassette is empty. If the button is white, the bay or cassette has between one and 19 plates loaded. If the button is green, the bay or cassette has 20 or more plates loaded. If the button is gray, the bay is either disabled or offline.



Online help

- How to Load Media Into Autoloader Bays or Cassettes
- How to Unlock an Autoloader Cassette or Bay
- How to Take an Autoloader Bay or Cassette Offline

Queues Window

The Queues window contains two panes: **Pending** and **Processed**.

The **Pending** pane contains the pending queue. The pending queue lists all of the jobs waiting to be processed. The purpose of the **Pending** pane is to let you see the jobs queued for processing, so that you can group job files together for proofmaking, rearrange the job processing priority, or edit job properties before Print Console processes a job.

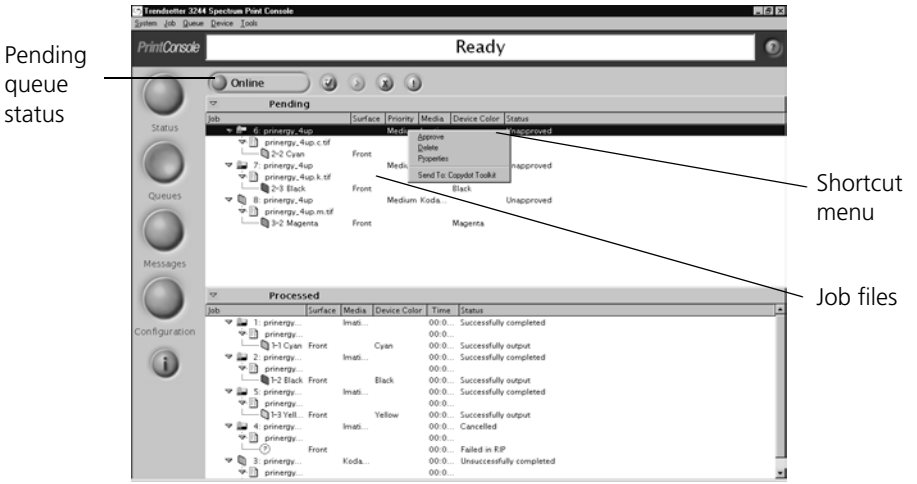


Figure 8: Pending pane

Use the **Pending** pane to:

- View submitted jobs
- Group or break up pending jobs
- Edit job properties
- Delete color separations
- Prioritize job processing
- Approve pending jobs
- Unapprove pending jobs
- Cancel pending jobs
- Delete pending jobs
- Send pending TIFF files to Copydot Toolkit for viewing purposes

Online help

- Managing Pending Jobs
- Pending Queue

The **Processed** pane contains the processed queue. The processed queue lists all of the processed, failed, and canceled jobs. If you want to process a TIFF job again, you can drag and drop TIFF jobs from the processed queue to the pending queue.

Note: To process GDAPI jobs again, you must resubmit the jobs from the originating RIP. To remake a job with multiple copies, you must also resubmit the job.

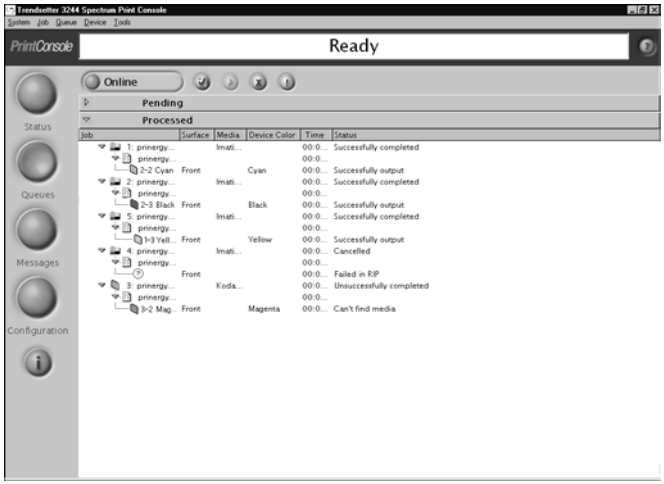


Figure 9: Processed pane

Use the **Processed** pane to:

- Remake processed TIFF jobs
- View job properties for processed jobs
- View job messages for processed jobs
- View the status of a processed job
- Delete processed jobs

Online help

- Managing Processed Jobs
- Processed Queue

Messages Window

The Messages window contains two panes: **Messages** and **History**.

The **Messages** pane displays a message prompt when there is a problem that you need to address, a suspend occurs, or you have configured your job with dynamically-sized media. The messages button becomes blue to indicate that a message prompt is displayed.

For example, Print Console displays a message prompt when Print Console receives a plate load or unload command from the output device, or when the RIP reports a mismatch between the RIP color name and the device color name during digital halftone proofing.

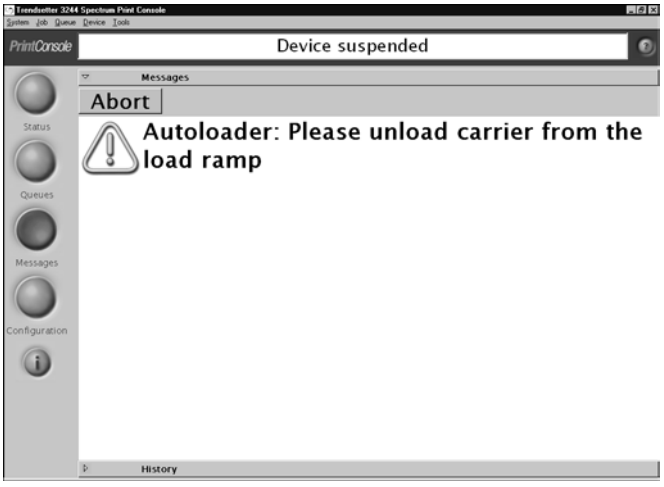


Figure 10: Messages pane

Use the **Messages** pane to:

- View message prompts
- View why a suspend has occurred and how to fix the problem
- Select a device medium and medium thickness, or a fixed medium size for the current job



Online help

- Messages Window
- Viewing the Messages pane
- Processing Jobs With Dynamically Sized Media

The **History** pane displays a scrolling list of messages about the job processing history.



Figure 11: History pane

Use the **History** pane to:

- View information about the normal operation of the Print Console system
- View warning messages about conditions that could cause problems later during processing
- View error messages that explain why a suspend occurred
- View recovery messages inform you that the system has recovered from an error or suspend and you can continue processing
- Copy history messages to a text or word editor



Online help

- Viewing Job History
- History Messages

Configuration Window

Use the Configuration window to configure Print Console.

The window has eight views:

- Device Media
- Media Sizes
- Generate PPD
- Proof Color Table (if connected to a digital halftone proofing device)
- Preferences
- Service
- Print Setups
- Hot Folders

Print Console configuration can be divided into two categories:

- System configuration
- Job-specific configuration

Note: If you are not going to change your configuration settings, you can hide the Configuration window.



Online help

- System Configuration Panes and Dialog Boxes
- Job Specific Configuration Panes and Dialog Boxes
- Hiding and Displaying the Configuration Window

System Configuration

The Configuration window contains six panes that you use to configure the Print Console system:

- **Device Media**
- **Media Sizes**
- **Generate PPD**
- **Proof Color Table**
- **Preferences**
- **Service**

Device Media

The **Device Media** pane lists the available media configured in your output device, such as Kodak® IR or Imation®. If proofing digital halftone media is configured, it lists the available device colors. If your output device supports media processors, the Eject Side dialog box appears, indicating which conveyor media will be directed to for processing. Print Console must be configured with device media before you can define media sizes, color mappings, or print setups.

Note: The **Device Media** pane is populated automatically with the device media configured in the output device when Print Console first connects to the device.

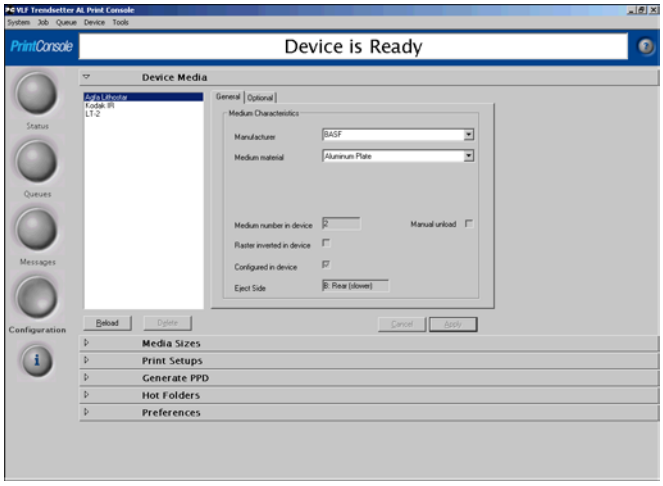


Figure 12: Device Media pane for the Trendsetter VLF Autoloader

Use the **Device Media** pane to:

- Add media thickness values to a device medium
- Specify the manufacturer of the device medium
- Specify the medium material
- View all available colors that have ever been configured in the output device for the selected digital halftone proofing device medium
- Change the default color processing order to match the order of the colors in the cassette (digital halftone proofing devices only)
- Delete device media from the Device Media pane if Print Console is connected to different output devices



Note: In order to permanently delete device media from Print Console, the device media must first be deleted from the output device.

- If using film on a ThermoFlex™ output device that has been configured for tinting, select a tinting scheme.
- view which conveyor media will be sent to if the output device supports media processors



Online help

- Configure Device Media

Media Sizes

Use **Media Sizes** pane to configure Print Console with media size names, which, when applied to a pending job, Print Console uses to tell the output device which media to load.

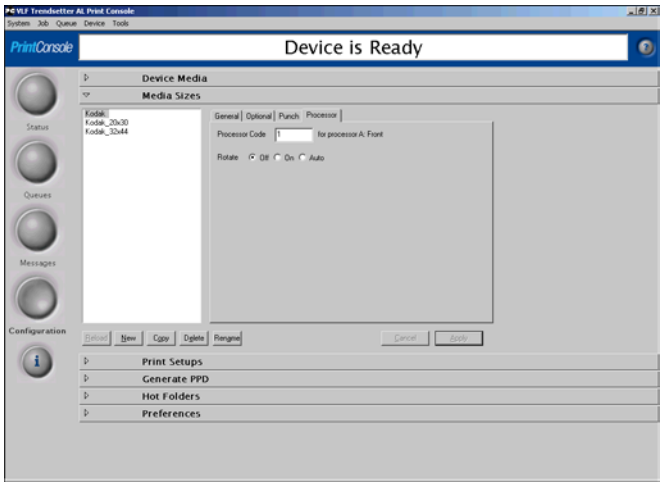


Figure 13: Media Sizes pane for the Trendsetter VLF Autoloader

Use the **Media sizes** pane to:

- Create a new medium size
- Assign a device medium to a medium size
- Specify the size along and around the drum for a medium
- Specify the plate thickness for a medium
- Specify the virtual punch location for a medium
- If connected to an autoloader device with a physical punch device, specify where the attached punch device should physically punch a medium
- If connected to an autoloader device capable of rotating media, specify whether you want processed plates to be rotated 90 degrees
- If connected to an autoloader device that supports media processors, specify the processor code
- Delete media sizes
- Overwrite medium indices

Online help

- Configure Media Sizes

Generate PPD

Use the Generate PPD pane to configure Print Console to generate PPD and PPX files. PPD and PPX files are required for use with your imposition software.

Important: When generating PPD and PPX files, you must select the RIP orientation that matches your RIP software orientation. For example, PPD files must have a landscape RIP orientation when used with Prinergy. Otherwise, the output may be rotated on the media. To determine whether your RIP requires a portrait or landscape orientation, see your RIP documentation.

Print Console automatically generates PPD and PPX files when you:

- Start Print Console
- Finish configuring device media, fixed media sizes, print setups, and proof color mappings

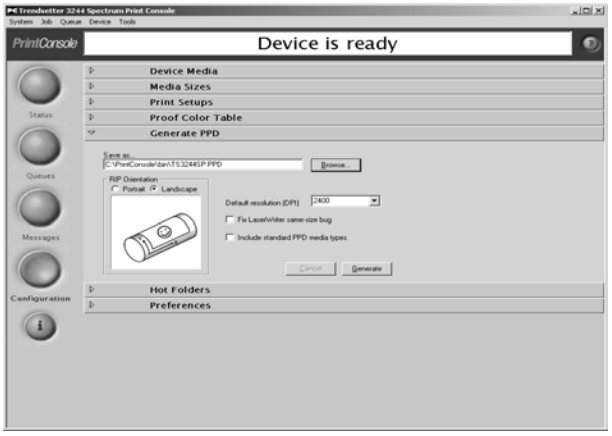


Figure 14: Generate PPD pane

Use the **Generate PPD** pane to:

- Generate PPD files
- Select default PPD file settings
- Specify the location where you want PPD and PPX files written to

Online help

- Configure PPD Files

Proof Color Table

Use the **Proof Color Table** pane when you are creating digital halftone proofs to create color mappings for device media.

Note: If you submit raster proofing images to Print Console through GDAPI, color mappings for the GDAPI proofmaking jobs are created in the RIP based on the device media default color order and the color separations in the job raster. You do not need to create color mappings in the **Proof Color Table pane**. You can view the color mappings in the Job Properties dialog box on the **Separations** tab, but you can only change the color mappings for GDAPI proofing jobs in the RIP.

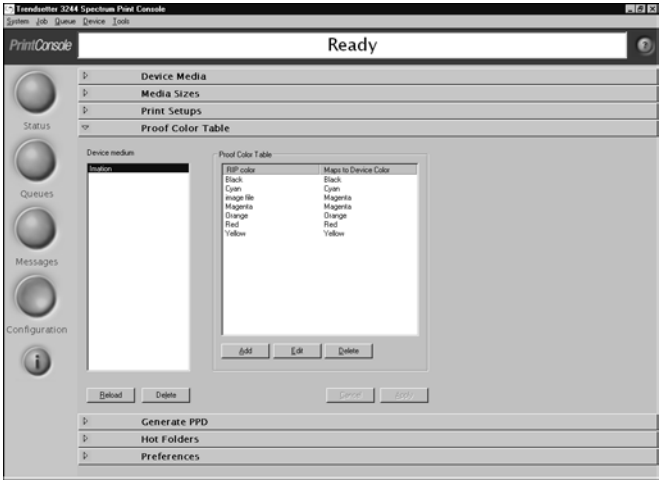


Figure 15: Proof Color Table pane

Use the **Proof Color Table** pane to:

- Map color names in the RIP to the device color names
- Edit color mappings

Online help

- Configure Proof Color Table
- Managing Color Mappings

Preferences

Use the **Preferences** pane to configure workstation defaults and preferences.

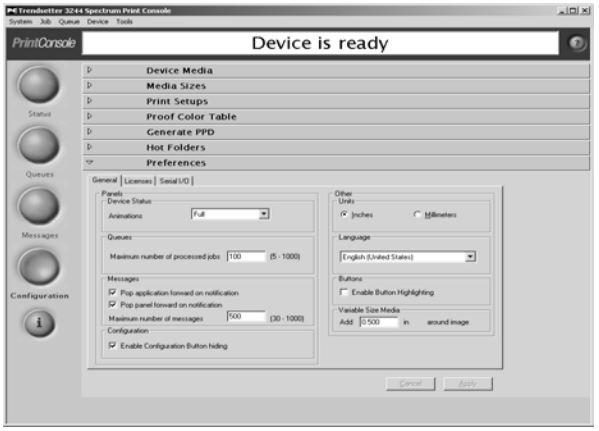


Figure 16: Preferences pane

Use the **Preferences** pane to:

- License Direct Connections (GDAPI) and the Creo TIFF Downloader
- Set the communications port and display the baud rate defaults
- Set the unit of measurement default
- Set the number of history messages and processed jobs to be displayed
- Set the language default (for example, English)
- Set the animations display (for example, single frame)
- Add space around image for variable-sized media
- Enable mouse-over highlighting
- Show or hide the Configuration window
- Show or hide the Message screen when Print Console sends or receives a suspend prompt or notification



Online help

- How to Configure Preferences
- GDAPI
- Creo TIFF Downloader
- Using Creo TIFF Downloader As a Diagnostic Tool

Service

The **Service** pane is a password-protected pane that is not meant for general use. **Service** pane configuration changes should be made only by trained service representatives. For information on accessing or exiting the **Service** pane, contact your service representative.



Online help

- What Is the Service Pane?

Job-Specific Configuration

The Configuration window contains two panes that you use for TIFF job-specific configurations:

- **Print Setups**
- **Hot Folder**

Print Setups

Use the **Print Setups** pane to configure print setups, which act as templates that assign job properties. Print Console uses print setups to initialize job properties and then applies configurations from print setups to jobs submitted to the pending queue. These configurations become the file's job properties.



Note: If you submit raster images with job properties defined in the RIP to Print Console through GDAPI, Print Console obtains all print setup information from the RIP (for example, Prinergy), and displays the job properties as view-only in the Job Properties dialog box. You must edit the job properties from the RIP workflow.

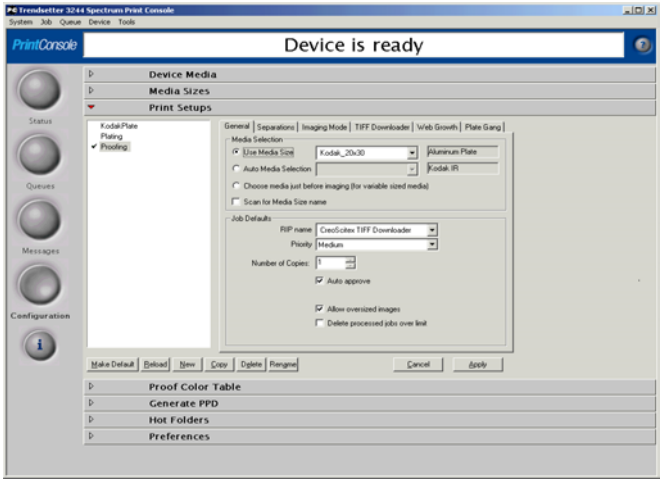


Figure 17: Print Setup pane

Use the **Print Setup** pane to:

- Create a new print setup
- Apply a medium size or device medium name to a print setup
- Create a print setup with dynamically-sized media
- Apply a RIP name to a print setup
- Create a print setup that automatically approves jobs
- Create a print setup that allows oversized images
- Create a print setup that outputs more than one copy of the file
- Apply the manual bypass option to a job when connected to an automatic device
- Apply a queue priority to a print setup
- Limit the number of jobs to retain in the processed queue
- Apply color mappings and color order to a print setup
- Control narrow-mode thermal head exposure for high line-frequency printing (for example, Staccato screening)

- If available, apply Creo TIFF Downloader functions like mirroring, rotating, web growth distortion, plate ganging, image placement, and TIFF cropping to a print setup
- Delete a print setup

Note: You can view and edit the properties for a job in the Job Properties dialog box.

Online help

- Configure Print Setups
- Editing Job Properties

Hot Folder

Use the **Hot Folder** pane for configuring hot folders. You use hot folders to submit files for imaging.

Note: If you submit raster images with job properties defined in the RIP to Print Console through GDAPI, you do not need to create hot folder input queues for those jobs.

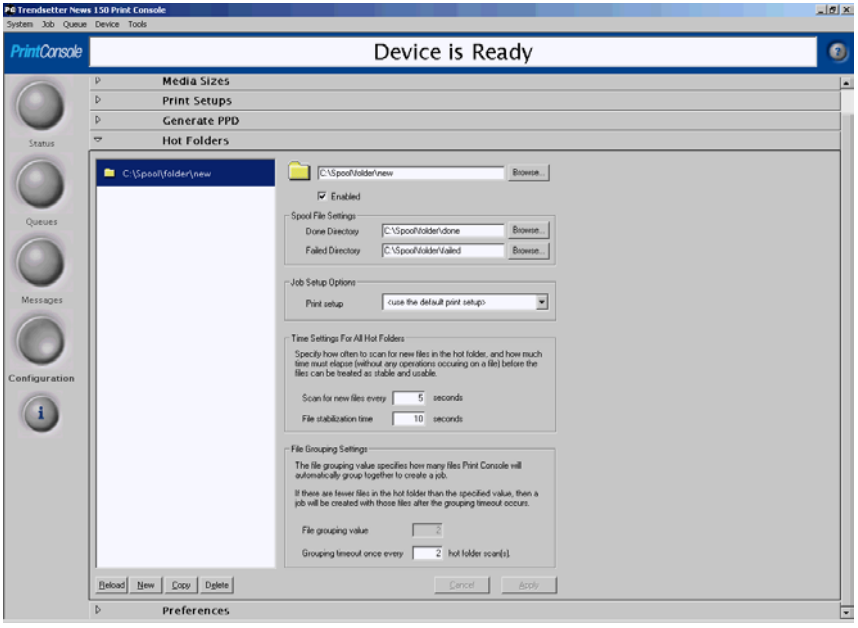


Figure 18: Hot Folder pane

Use the **Hot Folder** pane to:

- Connect your front-end system to Print Console and submit 1-bit TIFF files to Print Console using Creo TIFF Downloader as the RIP
- Manage failed and done job files.
- Attach a print setup to a hot folder input queue. Print Console uses the print setup to initialize job properties for the files that you submit through the hot folder input queue.
- Change hot folder time settings (file stabilization time and folder monitoring intervals).
- Change the value of the File Grouping timeout settings (hot folder scans).
- Select the number of Hot Folder scans before a grouping timeout occurs.
- Display the File Grouping value.



Note: The File Grouping section will only be visible on News 150 and News 200 machines.



Online help

- Hot Folders
- Hot Folder Behaviour

3

Using Print Console

Starting Print Console 42
Exiting Print Console 43
Configuring Print Console 36
Editing Job Properties 44
Managing Color Mappings 47
Creating Digital Halftone Proofs and/or Plates 37
Submitting Files 43
Loading Media into an Autoloader Bay or Cassette 49
Monitoring Jobs 47
Handling Device or Workstation Error Messages 51

Configuring Print Console

Use the Configuration window in Print Console to configure Print Console. Print Console configuration can be divided into two categories:

- System configuration
- Job-specific configuration

Print Console uses the system configurations for all jobs. For example, device media, media sizes, and color mappings in the proof color table are all system configurations.



Note: System configurations are set up in the Configuration window, which you access by clicking the **Configuration** button. If you cannot see this button (below the **Messages** button), press CTRL+ALT+C.

You use job-specific configurations for particular TIFF job types (for example, 1-bit TIFF files for output on a digital halftone proof). Job-specific configurations require a:

- Print setup configured for the job type
- Hot folder input queue



Note: If you submit raster images with job properties defined in the RIP to Print Console through GDAPI, Print Console obtains all job property information from the RIP (for example, Prinergy), and displays the job properties as view-only in the Job Properties dialog box. You must edit the job properties from the RIP workflow.

You attach print setups to hot folders and then use hot folders to submit files to Print Console. Print Console uses the attached print setups to initialize the job properties for incoming files.

For example, you can create a print setup that is configured to initialize job properties for 1-bit TIFF files for digital halftone proofing. You can then create a hot folder and attach the print setup to the hot folder. Print Console assigns the job properties in the print setup to each file that you submit through the hot folder.

Creating Digital Halftone Proofs and/or Plates

Once Print Console is configured correctly, using the software is simple. How you use the software depends on:

- The type of output device that you have connected to Print Console
- The type of media files are imaged onto
- Whether you submit files using GDAPI, or hot folders and Creo TIFF Downloader

This section explains how to use Print Console with a:

- Proofmaking output device, such as a Trendsetter Spectrum, to create digital halftone proofs using a non-GDAPI connection
- Platemaking or film-making output device, such as the Trendsetter 3244, to create plates using a non-GDAPI connection

Making Digital Halftone Proofs

There are two ways you can submit jobs to make digital halftone proofs:

- Via a hot folder (non-GDAPI connection)
- Through GDAPI

If you submit files using a non-GDAPI connection, before you can create proofs you must:

- Create a print setup for digital halftone proofmaking
- Turn automatic job approval off—that is, clear the **Auto approve** check box in the print setup
- Create a hot folder and attached it to the print setup



Note: If you submit raster images with job properties defined in the RIP directly to Print Console through GDAPI, you do not need to configure Print Console with print setups, hot folder input queues, or proof color mappings. Print Console reads the incoming job properties and automatically displays the information in the Job Properties dialog box as view-only. You must edit the job properties in the RIP.



Online help

- How to Create New Print Setups
- How to Create a Hot Folder Input Queue
- How to Attach a Print Setup to a Hot Folder Input Queue
- How to Put the Pending Queue Online or Offline

Submitting Files Using a Hot Folder

To use a hot folder to submit files:

1. Submit job files to Print Console through the hot folder input queue.

   The hot folder input queue has a print setup associated with it, which Print Console uses to initialize the job properties. Each incoming file displayes as a job on the **Pending** pane in the Queues window. The job has a status of **unapproved**.

2. Group jobs together if you are processing separated files. Each job contains one color separation.

3. On the **Separations** tab in the Job Properties dialog box, ensure that the job properties contain the correct color mappings.

4. In the Job Properties dialog box, ensure that the order of the color mappings on the **Separations** tab matches the color order of the digital halftone proofing media in the cassette inserted into the output device.

5. Ensure that the correct RIP is selected.

6. Approve the job for processing.

   When the job reaches the top of the **Pending** pane in the Queues window, Print Console moves it to the Status window and processes it. When Print Console finishes processing the job, it moves the job to the **Processed** pane in the Queues window.

Submitting Files Through GDAPI

To use GDAPI to submit files:

1. In the **Pending** pane, ensure that the pending queue is online.
2. Submit the raster image from your RIP workflow.

   The job displays in the pending queue as **unapproved**. When the RIP queues a job containing one or more raster images, the job is held in the pending queue as **unapproved** until all job properties are specified by the RIP, at which point the job is **approved** by the RIP and sent to the active queue for processing. The amount of time that a job remains **unapproved** depends on how quickly the RIP can supply all of the job properties that are required to approve the job.



Note: GDAPI job approval is out of Print Consols control. It depends on the workflow software and RIP.



Online help

- How to Submit Files to Print Console
- How to Edit Job Properties
- How to Group Pending Jobs
- How to Manage Color Mappings
- How to Approve Pending Jobs

Making Plates

There are two ways you can submit jobs to make plates:

- Via a hot folder (non-GDAPI connection)
- Through GDAPI

If you submit plates using a non-GDAPI connection, before you can create plates you must:

- Create a print setup for platemaking
- Turn automatic job approval on—that is, select the **Auto approve** check box in the print setup
- Create a hot folder and attached it to the print setup



Note: If you submit raster images with job properties defined in the RIP directly to Print Console through GDAPI, you do not need to configure Print Console with print setups, hot folder input queues, or proof color mappings. Print Console reads the incoming job properties and automatically displays the information in the Job Properties dialog box as view-only. You must edit the job properties in the RIP workflow.



Online help

- How to Create New Print Setups
- How to Create a Hot Folder Input Queue
- How to Attach a Print Setup to a Hot Folder Input Queue
- How to Put the Pending Queue Online or Offline

Submitting Files Using a Hot Folder

To use a hot folder to submit files:

1. Submit the job files to Print Console through the hot folder input queue.

   The hot folder has a print setup associated with it, which Print Console uses to initialize the job properties.

   Each incoming file displays as a job on the **Pending** pane in the Queues window. The job has a status of **approved**.



Note: If the approved job is the only job in the system, the appropriate RIP is running, and Print Console is connected to an idle output device, Print Console immediately sends the job to the output device. In this case, you do not have time to edit job properties. However, if Print Console is offline, you will have time to edit the job properties of the approved job.

2. Edit the job properties, if desired.

   When the job reaches the top of the **Pending** pane in the Queues window, Print Console moves it to the Status window and processes it. When Print Console finishes processing the job, it moves the job to the **Processed** pane in the Queues window.

Submitting Files Through GDAPI

To use GDAPI to submit files:

1. In the **Pending** pane ensure that the pending queue is online.
2. Submit the raster image from your RIP workflow.

   The job displays in the pending queue as **unapproved**. When the RIP queues a job containing one or more raster images, the job is held in the pending queue as **unapproved** until all job properties are specified by the RIP, at which point the job is **approved** by the RIP and sent to the active queue for processing. The amount of time that a job remains **unapproved** depends on how quickly the RIP can supply all of the job properties that are required to approve the job.



Note: GDAPI job approval is out of the Print Console control. It depends on the workflow software and RIP.



Online help

- How to Submit Files to Print Console
- How to Group Pending Jobs
- How to Manage Color Mappings
- How to Edit Job Properties
- How to Approve Pending Jobs

Starting Print Console

Once Print Console is installed with **Auto Logon** configured in the installation, Print Console starts automatically when you log on to the Print Console workstation. However, you can start Print Console manually by selecting **Print Console** from the **Start** menu.

To manually start Print Console:

1. From the **Start** menu**,** point to **Programs** and then select **Print Console.**
2. Select **Print Console.**

   Print Console starts, and the Status window appears.

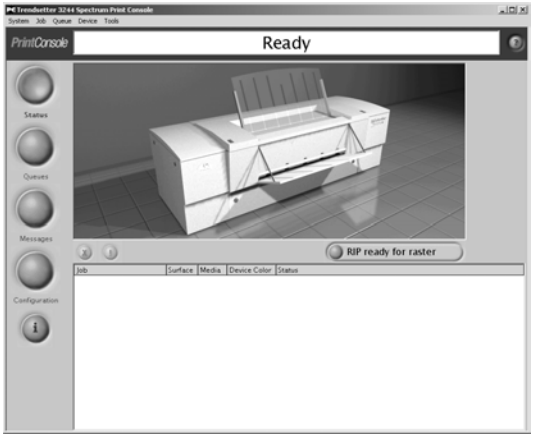


Figure 19: Status window

Exiting Print Console

To exit or shut down Print Console:

To exit Print Console:

- Click the **System** menu, select **Exit**.

  Or:

- Click the **X** on the top-right corner of the Print Console title bar.

Submitting Files

When you submit a file to Print Console, you create a job in the pending queue. You can submit or send files to Print Console in four ways:

- Using hot folder input queues
- Using the **Submit File** command from the **Job** menu
- Using drag-and-drop to drag files from Windows Explorer to the **Pending** pane
- Directly through GDAPI — for more information see *GDAPI Support* on page 6

When you submit a file to Print Console, the software applies job properties to the file. The job properties are determined by:

- Whether raster images with job properties defined in the RIP are submitted directly to Print Console from the RIP workflow through GDAPI
- Whether the hot folder has a print setup attached to it
- Whether the file contains a fixed medium size or print setup name and whether the file scan feature is enabled in the applied print setup. If not, the default print setup is applied to the job.
- Whether the applied print setup has a device medium or fixed medium size enabled in it



Online help

- How to Create a Hot Folder Input Queue
- How to Attach a Print Setup to an Input Queue
- How to Create Dynamically-Sized Media in Print Setups
- How to Create a New Print Setup
- How to Process Jobs With Dynamicall- Sized Media
- Managing Active Jobs

Manually Submitting Files

To manually submit files:

1. From the **Job** menu, select **Submit File**

   The Submit File dialog box appears.
2. Browse to find the file that you want to submit and then select the file.
3. Click **Open** to submit the file to Print Console.



Note: You can also submit files through hot folders or directly through GDAPI depending on how your RIP workflow system is configured with Print Console.



Online help

- How to Submit Files to Print Console
- Configure Print Setups

Editing Job Properties

Job properties contain the information that Print Console uses to process a job. This information is derived from print setups. When you submit a file to Print Console, it applies a print setup to the incoming file. Print Console uses the configurations in the print setup to initialize the job properties for the incoming file.

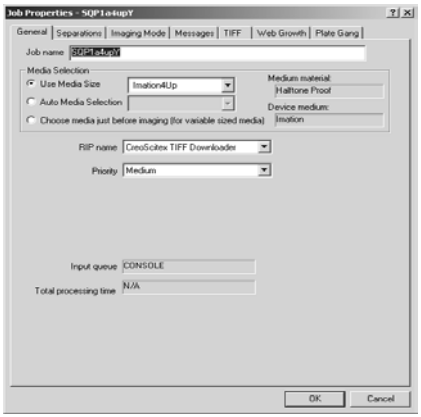


Figure 20: Job Properties dialog box

Generally, you can edit job properties for any job on the **Pending** pane in the Queues window. However, you cannot edit job properties for raster images submitted through GDAPI, or for jobs on the **Processed** pane in the Queues window. You can display the Job Properties dialog box for these jobs, but the information in the dialog box is view-only.

If a job is submitted to Print Console through GDAPI, the job properties are already initialized and cannot be edited in Print Console. Job properties must be edited in the RIP software.

If you submit jobs through a non-GDAPI connection—for example, hot folders and Creo TIFF Downloader—you can edit job properties for any job on the **Pending** pane in the Queues window. You cannot edit job properties for a job in the active queue or for jobs on the **Processed** pane in the processed queue. You can display the Job Properties dialog box for these jobs, but the information in the dialog box is view-only. The job properties for each job must be initialized properly for Print Console to process a job correctly.

Proper job property initialization includes:

- Creating an appropriate print setup for each job type
- Creating a hot folder input queue for each job type
- Attaching a print setup to each hot folder
- Creating an appropriate default print setup for jobs that are submitted using the **Submit File** menu command or by dragging and dropping the file(s)

When you submit jobs to Print Console through the correct hot folder, job property initialization is correct. However, you can edit job properties for jobs on the **Pending** pane to make last-minute changes.



Online help

- How to Create New Print Setups
- How to Specify the Default Print Setup
- How to Attach a Print Setup to an Input Queue
- How to Create a Hot Folder Input Queue

To edit job properties:

1. Click the **Queues** button.

   The Queues window appears.
2. Select the pending job whose job properties you want to edit.
3. Click the job properties button at the top of the Queues window.

   Or:

   Right-click, and then select **Properties** from the shortcut menu.

   The Job Properties dialog box appears.
4. Edit the job properties as desired.
5. Click **OK** to save the changes and close the dialog box.



Online help

- Configuring Job Properties
- Editing Job Properties
- How to Submit Files to Print Console

Managing Color Mappings

When you select a digital halftone proofing device medium or fixed medium size name in the Job Properties dialog box, the **Separations** tab displays two columns: **Rip Color** and **Device Color**. Use these columns to create color mappings.



Note: If you submit raster proofing images to Print Console through GDAPI, color mappings for the jobs are created in the RIP software, based on the device media default color order and the color separations found in the job raster. You do not need to create color mappings in the Proof Color Table. You can view the color mappings in the Job Properties dialog box on the **Separations** tab, but you can change the color mappings for GDAPI proofing jobs only in the RIP workflow.

Print Console requires a list of color mappings for each digital halftone proofing job. These color mappings tell the output device which imaging setup to use for each device color. The order of the color mappings on the **Separations** tab must match the color order of the media in the proofing cassette.



Note: Color mappings are used only for digital halftone proofing — they tell the output device which imaging setup to use for each device color. Because the media used for platemaking and film-making is the same color, you do not need to use color mappings.



Online help

- Managing Color Mappings
- How to Create New Proof Color Mappings
- How to Add Color Mappings to Print Setups
- Color Mapping Rules

Monitoring Jobs

You monitor the progress of jobs in the Status, Queues, and Messages windows and in the pending, active, and processed job queues.

Checking Pending Job Status

You check the status of pending jobs on the **Pending** pane in the Queues window. See *Queues Window* on page 19 for more information.

The status of pending jobs displays in the **Status** column in the pending queue. You can change the status of a pending job from **unapproved** to **approved** or to **deleted**.



Online help

- Managing Pending Jobs

Checking Active Job Progress

You check the status of active jobs in the active queue in the Status window. See *Status Window* on page 16 for more information.

From the Status window, you can check the imaging progress of the active job, the status of the RIP, and the amount of time Print Console is taking to process each file within the job.

Processing messages display in the active queue and provide information about the progress of jobs.

To monitor a job's progress:

1. From the Status window, in the active queue, select the job that you want to check on.



2. Click the job properties icon.

   The Job Properties dialog box appears.

3. Click the **Messages** tab to display processing information about the selected job.

You also view the status of files within a job on the **Status** column in the active queue — for example, imaging, waiting, or cancelled.



Online help

- Managing Active Jobs

Checking Processed Job Status

You monitor whether a job was successfully processed, canceled, or failed in the processed queue.

Once Print Console finishes imaging an active job, it moves the job record to the processed queue and displays the job status as **processed**.

To find out why a job was unsuccessfully processed:

1. Click the **Queues** button.

   The Queues window appears.

2. Click the **Processed** pane.

   The processed queue drops down.

3. Select the job that you want to find out more about.



4. Click the job properties icon .

   The Job Properties dialog box appears.

5. Click the **Messages** tab, which displays processing information about the selected job.



Online help

- Managing Processed Jobs

Loading Media into an Autoloader Bay or Cassette

Use the Configure Bay dialog box to load plates into autoloader bays or cassettes.



Note: VLF Trendsetter AL cassettes, Platesetter 3244 bays, and VLF Platesetter bays are locked. This dialog box lets you unlock so that you can load the cassette or bay. For all other Trendsetter autoloader output devices, cassettes are not locked.

To load plates into an autoloader output device:

For autoloaders with one bay, the bay or cassette is locked when the device is in use, which means you cannot load plates until the device is finished imaging. For autoloaders with multiple bays, such as the Platesetter 3244 or VLF Platesetter, you can load the bays that are not currently being picked from when the device is in use.

1. In the Status window, click the **Bay** button.

   The Configure Bay dialog box appears.

2. Select the **Load Bay** option to activate the bay configuration options.

3. If Print Console is connected to a VLF Trendsetter AL, VLF Platesetter, or Platesetter 3244, the autoloader has more than one bay or cassette. If you want to configure the current bay or cassette as the default from which plates are loaded into the output device, select the **Pick from this bay first** check box.

4. In the **Media Size** box, select a medium size.

5. In the **Quantity** box, select the number of plates that you will load into the bay or cassette.

   If you are loading two stacks of plates into a Trendsetter News, type the number of plates in a stack, not the total number of plates loaded. For example, if you have two stacks of plates and each stack consists of 10 plates, type `10` in this box.

6. Click the **Load Bay** button.



Note: If Print Console is connected to a VLF Trendsetter AL, Platesetter 3244, or VLF Platesetter, clicking the **Load Bay** button unlocks the autoloader cassette or bay, which lets you open the cassette or bay to load plates.



Online help

- How to Configure Autoloader Bays

Handling Device or Workstation Error Messages

If there is a processing or device error, Print Console displays a message prompt and requires you to resolve the problem before processing can continue. For example, the device may require you to load media or to map a proof color separation to a device color. Print Console immediately switches your Print Console view to display the **Messages** pane, which contains the error message prompt. See *Messages Window* on page 22 for more information on the **Messages** pane.



Online help

- Troubleshooting
- Operator Prompt Messages
- Configuring How Print Console Displays Operator Prompts

4 Print Console Utility

Overview 54
Backing Up Registry Settings 54
Restoring Archived Registry Settings 56

Overview

The Print Console Utility wizard lets you back up your Print Console registry settings, such as print setups, input queue configurations, preferences, and media sizes. It takes a snapshot of the current Print Console settings so that you can optionally restore the settings at a later date. You can restore settings only on the same version of Print Console, not to later versions of the software.

You might use the Print Console Utility, for example, before upgrading to a different version of Print Console. If you wanted to use the previous version of the software, you could use this utility to automatically restore your settings.

This chapter describes how to use the backup and restore features of the Print Console Utility.

Note: The Print Console Utility wizard does not back up data files or executables. It only backs up the registry settings.

Backing Up Registry Settings

Backup lets you archive the registry settings described above to a file.

To back up Print Console registry settings:

1. From the **Start** menu, point to **Programs** and then select **Print Console 3.1**.
2. Select **Print Console Utility**.

The Print Console Utility dialog box appears.

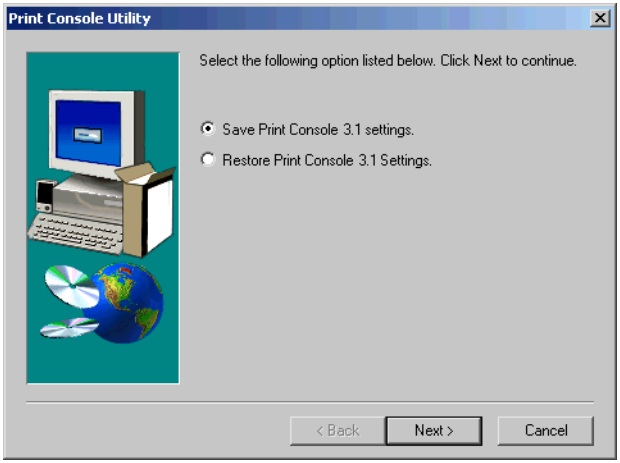


Figure 21: Print Console Utility dialog box

3. Select **Save Print Console settings**
4. Click **Next**.

   The Save Settings dialog box appears.

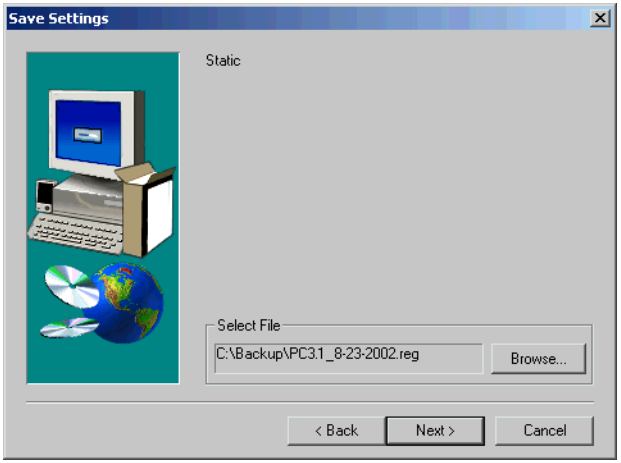


Figure 22: Save Settings dialog box

5. Beside the **Select File** box, click **Browse** and then search for the registry folder path and file name that you want to save to.
6. Click **Next**.

Print Console Utility saves the registry settings to the file that you specified. When the settings are saved, a confirmation dialog box appears.

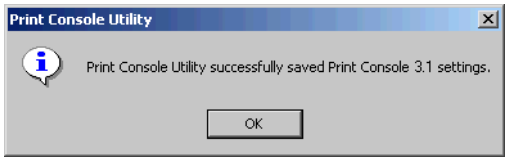


Figure 23: Print Console Utility dialog box

7. Click **OK**.

   The Print Console Utility closes.

Restoring Archived Registry Settings

Restore lets you restore archived registry information.

To restore Print Console settings:

1. From the **Start** menu, point to **Programs** and then select **Print Console**.
2. Select **Print Console Utility.**

   The Print Console Utility dialog box appears.

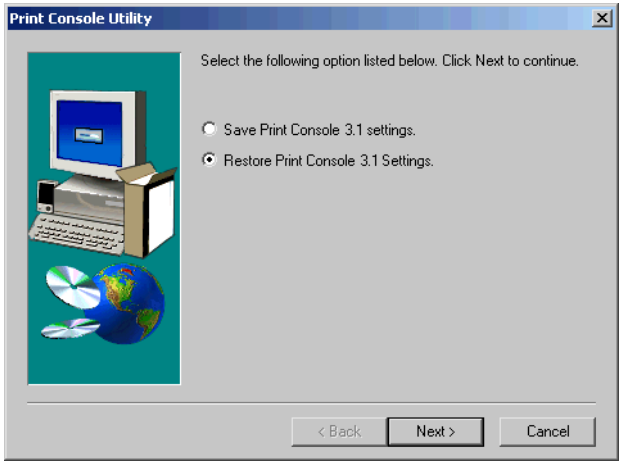


Figure 24: Print Console Utility dialog box

3. Select **Restore Print Console settings**.
4. Click **Next**.

   The Restore Settings dialog box appears.

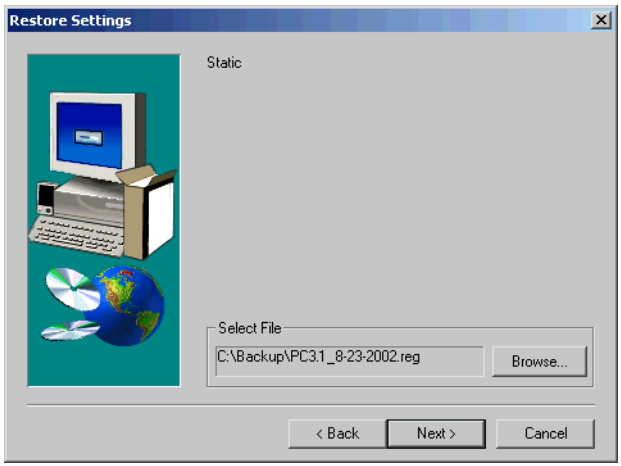


Figure 25: Restore Settings dialog box

5. In the **Select File** box, click **Browse** and then search for the registry folder path and file name that you want to restore.
6. Click **Next**.

   A confirmation dialog box appears.

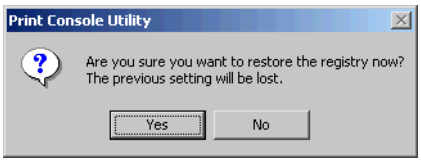


Figure 26: Print Console Utility dialog box

7. Click **Yes** to proceed.

   Print Console Utility restores the registry settings from the file that you specified. When the settings are restored, a confirmation dialog box appears.

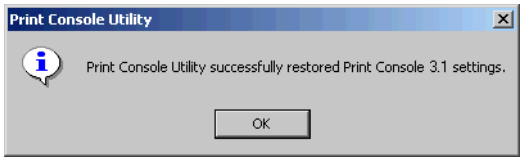


Figure 27: Print Console Utility dialog box

8. Click **OK**.

   The Print Console Utility closes.

Glossary

active queue	Contains the job that Print Console is currently processing. You can view the status of the job in the Status window.
Allegro RIP	A software program that creates a rasterized image of a PostScript® file. It is a PostScript Level 2 software RIP.
CMYK	Cyan, magenta, yellow, and black. Printing colors for process color production.
color mapping	Contains a RIP color name and a device color name. Print Console only uses color mapping during digital halftone proofing. See also *spot color table*.
color separation	Refers to a color or layer in a file. A color separation can be compared to film; there is one film for each color. For example, a basic CMYK job will require four films—that is, four color separations. Each spot color has its own film (its own separation). If multiple black films exist for a job, then multiple black color separations are created for the job. All color separations for a job must be registered with each other. See also *separation list*.
composite file	Colors are not separated and all color information is contained in one file—for example, composite PostScript files or portable document files (PDF).
Creo Recorder Interface	An application programming interface that lets you connect third-party RIP software to Print Console.
Creo TIFF Downloader	Software that lets you submit bilevel TIFF files to Print Console for imaging on an output device.
device media	Refers to the media vendor's product. Device media are configured by a service representative during installation of your Print Console system.
digital halftone proof	Halftone proof created using a Trendsetter Spectrum or Proofsetter Spectrum output device.

drag-and-drop	Method of submitting a file to Print Console you drag a file from one location and drop it into the Print Console.
drum	On a Creo-developed output device, this is the component on which a medium is mounted for imaging by the laser.
file	Electronic text description of data.
GDAPI	Generic Device Application Programming Interface. Provides a connection between any workflow software and any device control software.
Harmony	Creo software that calibrates dot size for Creo Platesetter, Trendsetter, Trendsetter AL, and Trendsetter Spectrum products to compensate for press dot gain.
History pane	Contains messages about the Print Console system and job processing.
hot folder	One of five Print Console input queue types. Input queues connect front-end systems to Print Console, and you use them to submit files to Print Console.
image	Electronic bitmap that an output device exposes onto media.
imposition	Means of arranging pages into a printer's spread for the front and back of a press sheet, which ensures pages are in reader order, after the printed sheet is folded and trimmed.
Impostrip	Imposition software.
input queue	Mechanism connecting Print Console to front-end workflow systems. You submit files to Print Console via input queues, such as hot folders.
job	When you submit a file to Print Console, it displays on the **Pending** pane in the Queues window as a job. You can group two or more jobs together to create one large job that contains many files.
job properties	Information Print Console uses to process a job. Job properties are initialized from print setups.

line frequency	Density of dots on a halftone screen, commonly measured in lines per inch (lpi). Also called *screen frequency*, *screen ruling*, or *ruling*.
Messages pane	Contains information about Print Console problems that you need to resolve. The **Messages** pane only displays when there is a problem that you need to address.
mirrorprint	In Allegro RIP, an option in the Page Setup dialog box that lets you produce a mirror-image copy of a job.
output	Data that is transferred to another device, such as a laser printer, a video display, or a platesetter.
output device	Device that plots data onto media, such as a Trendsetter Spectrum or Proofsetter Spectrum.
output media	Particular size of a device medium. See also *device media*.
page buffer	In Allegro RIP, a file on disk that is used to store a page of interpreted output, before it is printed or previewed. Depending on the page buffer mode you run Allegro RIP in, page buffers can be retained on disk to allow reprinting or deleted after printing to save space on your hard disk. Also called an *interpreted raster image of a PostScript flat*.
page setup	In Allegro RIP, a collection of specifications for a page, including resolution and orientation.
PDF	Adobe's Portable Document Format.
PDF	Printer Description File in QuarkXPress™ version 3.32 or earlier. Like a PPD file, a QuarkXPress PDF file contains information about the parameters and options associated with a specific output device. See alos PPD file.
pending queue	Contains all of the jobs waiting to be processed. You can view the jobs in this queue on the **Pending** pane in the Queues window.
plate	Physical medium an output device exposes an image onto. A Trendsetter Spectrum output device produces one exposed plate for every image it receives.

PostScript	Page description language developed by Adobe Systems that is used to describe type and visual elements so that they can be output on devices with PostScript interpreters.
PostScript file	File written in a page description language created from a native application file.
PostScript Level 2	Redefinition of the PostScript language that unifies the previous extensions to the original language (Level 1) and introduces new language features, providing new functionality and better performance. Allegro RIP is a PostScript Level 2 RIP.
PPD file	PostScript Printer Description file. A computer file containing information on the parameters and options associated with a specific output device, such as a Trendsetter Spectrum or Proofsetter Spectrum.
PPX file	PostScript Printer Extension file. A computer file containing additional options for a PostScript output device that supplement the information in the PPD file. The PPX file is used only by Preps imposition software. In the Creo workflow, this file contains the virtual punch coordinates used during imposition.
pre-separated file	Colors are separated, but all color separation information is coded in a single file. An example of a pre-separated file is the separated PostScript generated by QuarkXPress. See also *separated file* and *composite file*.
Preps	Imposition software.
PressWise	Imposition software.
Print Console workstation	High-speed computer running the Windows 2000 or Windows NT operating system and Print Console. It provides the operator's console, queueing management, and system control. The Print Console workstation is connected to a local area network (LAN) over which it receives files.
print setup	Used to initialize job properties. A print setup is a group of Print Console configurations, such as device medium name, output medium name, and RIP software name.

process colors	Used in printing. The substractive primary colors: cyan, magenta, and yellow. Black is also used in four-color process printing.
processed queue	Contains the jobs that Print Console has processed. You can view the jobs in this queue on the **Processed** pane in the Queues window.
Queue window	Contains two panes: **Pending** and **Processed**. The **Pending** pane lists all of the jobs waiting to be processed, and the **Processed** pane lists all of the jobs that Print Console has processed.
raster	Digitized (bitmapped) images defined pixel by pixel in rows and columns. See also *RIP*.
recorder	See *output device*.
resolution	Degree of detail with which an image is reproduced, usually measured in dots per inch (dpi) or lines per inch (lpi). The higher the resolution, the greater the detail in which the image will be reproduced.
RIP	Raster Image Processor. Software that creates bitmap images from files. Output devices image bitmap images, also called RIPed files.
ruling	See *line frequency*.
screen angle	Angle at which a halftone screen is set when making screened images for printing halftones. Proper screen angles are critical to minimizing moiré patterns.
screen frequency	See *line frequency*.
screen ruling	See *line frequency*.
separated file	Colors are separated, and each file contains information for one color separation—that is, one file each for cyan, magenta, yellow, and black, plus any spot colors. An example of a separated file is the separated PostScript generated by Preps. See also *composite file* and *pre-separated file*.
separation list	Contains color separations for a job. In the case of digital halftone proofing jobs, the color separations contain color mappings. See also *spot color table*.

spool folder	See *hot folder*.
spot color	Color that requires a special ink. It cannot be created using process colors.
spot color table	Part of the Configure Spot Color Mappings dialog box. It lists RIP colors and corresponding device colors to be used for digital halftone proofing.
Status window	Main Print Console window. It shows the status of the output device, the RIPing progress, and the imaging progress of the current job.
Submit File menu command	Lets you submit a file to Print Console for processing.
submitting	Process of sending a file to Print Console for imaging onto media.
suspend condition	Condition preventing the output device from continuing its current operation—for example, an empty plate cassette. Suspend conditions also occur when there are problems with the system.
thermal imaging head	Creo imaging device that uses an infrared laser diode to image IR-sensitive plates and film at high resolutions.
throughput	Efficiency with which images are interpreted and produced.
workstation	See *Print Console workstation*.

Index

A

active queue, 16
attention symbol, xi
autoloaders, 18, 49

B

back up, 54
bays, 18, 49

C

cassettes, 18, 49
color icons, 12
color mapping, 29
  managing, 47
configuration
  job specific, 31, 36
  system, 36
Configuration window, 24
  device media, 25
  generate ppd, 28
  hot folders, 33
  media sizes, 26
  preferences, 30
  print setups, 31
  proof color table, 29
  service, 31
creating, 29
Creo TIFF Downloader
  described, 4
  diagnostic tool, 5
  workflow tool, 5

D

defaults, 30
device error messages, 51
Device Media pane, 25
diagnostic tools, 5
dialog boxes
  Job Properties, 9
digital masking, 26

E

error messages, 22, 51
exiting Print Console, 43

F

files
  imposing, 28

G

GDAPI, 6
Generate PPD pane, 28
graphic icons, 12

H

History pane, 22
Hot Folder pane, 33
hot folders, 31

I

icons, 13
  color, 12
imposition files, 28
input queues, 31, 33
installation, 3
Intel, 4
  turning on and off, 4

J

job properties, 31, 43, 44
Job Properties dialog box, 9
jobs
  active, 16, 48
  animation, 11
  approving, 19
  canceled, 21
  configuration, 31
  creating, 43
  deleting, 19
  editing, 19, 44
  failed, 21
  grouping, 19
  icons, 12
  monitoring, 47
  pending, 48
  prioritizing, 19
  processed, 21, 49
  properties, 9, 10, 43
  status, 47, 48, 49
  submitting, 19, 43
  template, 31
  unapproving, 19
  ungrouping, 19
  viewing, 47

K

keyboard shortcuts, 9, 11

L

LAN, 4
local area network, 4

M

manage color, 47
manual
  overview, viii
  symbols used, xi
manuals
  conventions used, viii
  documentation, x
  online help, xii
  terminology, ix
media
  loading onto bays or cassettes, 18, 49
  output device, 26
  variable sized, 26
Media Sizes pane, 26
messages
  error, 22, 51
Messages pane, 22
Messages window, 22

O

operator prompts, 22, 51
output device media, 25
output media, 26
overview
  Print Console workstation, 4

P

panes
  device media, 25
  generate PPD, 28
  history, 22
  hot folder, 33
  media size, 26
  messages, 22
  pending, 19
  preferences, 30
  print setups, 31
  processed, 19, 21
  proof color table, 29
  service, 31
Pending pane, 19
pending queue
  status, 47, 48
  submitting jobs, 43
plates making, 39
PPD, 28
PPX, 28
preferences, 30
Preferences pane, 30
Print Console
  backing up, 54
  configuration, 36
  exiting, 43
  features, 4
  installing, 3
  preferences, 30
  restoring backups, 56
  running, 42
  starting, 42
  system configuration, 24
  system overview, 4
  systems supported, 8
  workstation, 4
print setups
  described, 31
  job properties, 10
  template, 10
Print Setups pane, 31
Processed pane, 19, 21
processed queue
  status, 47, 48, 49
Proof Color Table pane, 29
proofs
  color management, 29
  color mapping, 10
  managing color, 10

Q

queues
  active, 16
  control, 9
  input, 33
  managing, 9
  pending, 19
  processed, 19
Queues window, 19
  job properties, 44
  status, 47
  submitting jobs, 43

R

restoring backups, 56

S

Service pane, 31
shortcut menus, 9
starting Print Console, 42
Status window
  animation, 11
  described, 16
support
  Creo TIFF Downloader, 4
  GDAPI, 6
system overview, 4
  Print Console workstation, 4

T

template, 10
  job, 31
tinting
  device media, 26

V

variable sized media, 26
Volcano film
  tinting, 26

W

windows
  configuration, 24, 31
  messages, 22
  queues, 19
  status, 16
workflow systems, 8
workstation
  turning on and off, 4

www.creo.com | creo™