Print Console

Release 3.5
Release Notes



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4,456,924	5,291,273	5,519,852	5,708,736	5,973,801	6,136,509	6,295,076
4,500,919	5,323,248	5,526,143	5,713,287	5,986,819	6,137,580	6,299,572
4,558,302	5,325,217	5,532,728	5,742,743	5,995,475	6,147,789	6,318,266
4,743,091	5,339,176	5,561,691	5,764,374	5,996,499	6,158,345	6,340,817
4,992,864	5,343,059	5,568,595	5,764,381	5,998,067	6,159,659	6,352,816
5,049,901	5,355,446	5,576,754	5,771,794	6,003,442	6,164,637	6,353,216
5,079,721	5,359,451	5,579,115	5,785,309	6,014,471	6,180,325	6,366,339
5,081,617	5,359,458	5,592,309	5,802,034	6,016,752	6,181,362	6,371,026
5,103,407	5,367,360	5,594,556	5,813,346	6,031,932	6,181,439	6,377,739
5,111,308	5,384,648	5,600,448	5,818,498	6,043,865	6,186,068	6,387,597
5,113,249	5,384,899	5,608,822	5,854,883	6,060,208	6,189,452	6,396,422
5,122,871	5,412,491	5,615,282	5,861,904	6,063,528	6,191,882	6,396,618
5,124,547	5,412,737	5,625,766	5,861,992	6,063,546	6,204,874	6,407,849
5,132,723	5,420,702	5,636,330	5,875,288	6,072,518	6,208,369	6,414,755
5,150,225	5,420,722	5,649,220	5,894,342	6,090,529	6,214,276	6,422,801
5,153,769	5,459,505	5,650,076	5,900,981	6,096,461	6,217,965	6,435,091
5,155,782	5,473,733	5,652,804	5,934,196	6,098,544	6,252,522	
5,157,516	5,481,379	5,680,129	5,942,137	6,107,011	6,260,482	
5,208,818	5,488,906	5,691,823	5,946,426	6,112,663	6,266,080	
5,208,888	5,497,252	5,691,828	5,947,028	6,115,056	6,266,134	
5,247,174	5,508,828	5,696,393	5,958,647	6,121,996	6,267,054	
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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

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Introduction

These release notes highlight the features of Print Console 3.5, and describe any known problems you may encounter. Where appropriate, these release notes refer you to the Print Console online help for more information.

What Is in These Release Notes

The release notes include the following sections:

- *What Is Print Console*?—defines Print Console, outlines the Print Console documentation set, describes interface options (GDAPI/TIFF), and lists supported devices.
- *New Features*—lists new features in this version.
- *Known Problems*—lists issues and problems that have not yet been resolved.
- *Problems Fixed*—lists problems that existed in previous Print Console software releases that have now been resolved.

Conventions Used

This section describes how fonts are used in these release notes:

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.

What Is Print Console?

Print Console software controls output devices. It 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. It interfaces with a number of workflows and RIPs and images to a number of Creo output devices.

Print Console Documentation

Print Console documentation includes:

- Print Console online help
- Print Console Quick Start Guide
- Technical Bulletins for specific systems; for example, Prinergy

The Print Console online help describes Print Console concepts, dialog boxes, windows, menus, system and job configuration, and contains software procedures for managing active, pending and processed jobs through the Queues and Status windows in Print Console. The online help is available from within Print Console.

The Quick Start Guide describes fundamentals of how to use Print Console to submit jobs to the device. A PDF version of this manual is located in the \PrintConsole\pdf directory on the CD containing the Print Console software, or in the \PrintConsole\pdf folder on the drive where Print Console is installed.

Supported Platforms and Operating Systems

Print Console is qualified for the Windows 2000 operating system (Professional edition for Dell OptiPlex workstations and Server edition for Dell 2500 and 2600 servers) running on Intel platforms.

Output Device Support

Print Console is now released as part of a package of output device, software, and firmware. This controlled release for any particular output device will contain only those components that have been tested and approved for that output device.

While Print Console is designed to support all MCE output devices, please check with your Product Service Representative if you are unsure about the qualification of this version of Print Console with your output device.

New Features

This section briefly describes the new features in this version of Print Console. For more information on these new features, see the Print Console online help.

Media Consumption Reporting

Service Personnel can enable this feature via the Print Console service configuration panel. Media consumption is then reported to Creo for customers using the “Inventory Assist” feature to assist them with managing their plate inventories.

Changes to Print Setups/Imaging Options

The ‘Imaging Mode’ tab has been renamed ‘Imaging Options’ with changes to the imaging mode selection descriptions. They now read “Use imaging mode specified by RIP; Override imaging mode to NORMAL; Override imaging mode to FM.”

Negative Image Shifts for GDAPI Jobs

Negative shifts were previuosly blocked for GDAPI clients such as Brisque and Prinergy. Negative shifts are now available for shifting imageswithout having to crop the data.

Home Position for Imaging Head

A command “Home” for use by service personnel has been incorporated to bring the imaging head to the home position for access to service the device. This command is also cancellable.

TIFF file Resolution Validation

Print Console validates the resolution of each TIFF file to make sure that it matches one of the imaging resolutions on the device. the tolerance for matching the resolution is now configurable (example +/- 0.2 DPI) by field service personnel to ensure that valid TIFF files are not rejected.

Known Problems

This section lists known limitations of this version of Print Console. The problems are divided into*General Problems* one or more of the following sections:

- General Problems
- Autoloader device problems
- Manual device problems
- Direct connection problems
- TIFF connection problems

General Problems

This section describes problems that are not specific to devices or input mechanisms (TIFF Downloader/GDAPI). The following problems may occur on any device connected to any workflow or RIP.

No problems logged in this category.

Autoloader device problems

This section describes problems we encountered when Print Console drives autoloading devices (devices that automatically load and unload plates).

Should query device for min plate size on bay loading

Problem 3367

According to the product specifications of the Trendsetter 400/800 AL, the min along drum size is 330mm (13") for manual bypass and 508mm (20") for auto loading. Print Console should query the device to get the min size for bay loading, and bring up the invalid plate size error prompt during bay loading.

Manual device problems

This section describes general problems we have discovered when Print Console drives manual devices (devices that require you to manually load plates).

No problems logged in this category.

Direct connection problems

This section describes problems we have discovered when Print Console receives files via a direct connection.

No problems logged in this category.

TIFF Connection problems

This section describes problems encountered by systems using hot folders to submit pre-screened, 1-bit TIFF files to TIFF Downloader in Print Console. This includes systems connected to Prinergy, for proofs, and the Brisque via Screen2Go, as well as other third party workflows and RIPs.

No problems logged in this category.

Problems Fixed

This section lists the problems from previous versions of Print Console that have been fixed in Print Console 3.4.

- General problems fixed
- Autoloader device problems fixed
- Manual device problems fixed
- Direct connection problems fixed
- TIFF Connection problems fixed

General problems fixed

Separations do not inherit the job properties of the 1st sep after grouping

Problem 3460 Subsequence separations do not inherit the job properties (TDL settings) of the 1st sep after grouping.

TDL registers before the device is ready

Problem 3440 TDL registers before the device is ready, auto approved jobs do not re-approve after the device is ready.

Next job gets stuck after cancelling the previous job

Problem 3414 ThermoFlex II - After cancelling the previous job in the Variable media prompt, the next job gets stuck because no command is sent to the device to start the image.

During an upgrade, the existing logs get moved to the backup directory

Problem 3411 The event logs should be copied back (originals left in the backup directory) after an upgrade so that the stats do not change.

The Approve option not available for a hot folder job

Problem 3409 The job shows up in the pending queue, but the Approve option is not available on either the context menu or the buttons at the top of the queue.

Re-starting Print Console fixes the problem.

Padding not set properly in a web growth job if Invert Raster is selected

Problem 3400 As web growth is applied after all the orientation and positioning is done, the distorted area is NOT inverted and leaves a black strip on the border of the padded image.

Image position is off on jobs with Web Growth

Problem 3399

In MPE devices, the image shift is done by TDL padding out the raster in the leading and home edges. The final image size is then included the pre-padded area in both dimensions for -ve media. With Web Growth, the distortion applied is larger than what's expected on the actual image as it included also the padded area. If full centre is selected, the final image will no longer be centered after web growth is applied.

LogManager and StatisticEventManager Shut Down

Problem 3352

Both LogManager and StatisticEventManager exit after starting up a second instance of Print Console.

Job fails because the color is not mapped to a proper device color

Problem 3326

An Internal Error occurs because the color is not mapped to a proper device color - no prompt for the mapping occurs. This only happens if the Job Properties dialog is set to Plates and not Proofs.

Large files freeze Print Console when cancelled

Problem 3283

Large files freeze Print Console for about four minutes when cancelled.

2002 Copyright Notice

Files that have version info stamped on them by the Print Console build had a 2002 copyright notice. The year is now changed to 2003.

Print Console registry backup utility

The Print Console registry backup utility now backs up the LogManager, StatisticEventManager, and the JobProcessingServer keys in addition to the registry files. This allows for an error free restore providing the version number in the registry matches the version number of the currently installed Print Console.

Tiff controller ‘Seamless’ flag setting to false

‘Seamless flag now keyed off the user config information.

Log file Messaging file size

Increased the single line limit for PC log files to 4096 bytes.

TIFF Downloader Licensing

Extra safeguards have been added to ensure that the TIFF Downloader license doesn’t fail. There were cases when the license would fail and ‘Creo Diagnostic Tool’ would be added to the image. If the license does fail:

- Auto-approve is disabled.
- An operator prompt is displayed requesting that the operator restart Print Console.
- Jobs are displayed with a warning icon in the pending queue.

Rounding of variable media sizes

Media rounding parameters in ‘variable media size’ option adjusted to reflect closer size of original file size sent to the device.

Autoloader device problems fixed

Bay loading and Suspension prompts don't clear

Problem 3374 The Bay loading prompt and the Suspension prompt do not clear after cancelling the job in the active queue.

Manual device problems fixed

After unloading, Print Console does not load the next plate

Problem 3404 Submit a multiple separation job from Brisque. After the 2nd or 3rd plate has finished unloading, the plate door closes and Print Console reports a "Ready" state. The plate door should open again and prompt for the next plate, but Print Console is stuck in the Ready state.

Auto Media Selection for Proofing Jobs - says Imation only mostly

Problem 3378 The Job Properties of a Proofing Job are changed to Auto Media Selection. The appropriate size of media is picked (4up - the size of the image). But when the job is moved to the Active Queue, it displays "Imation" and not "4up".

Direct connection problems fixed

No fixes logged in this category.

TIFF Connection problems fixed

TDL registered before both heads finished initializing

Problem 3291

On a dual-head output device, the TIFF Downloader registers before both heads finish initializing. The result is that dual head jobs are plotted using only a single head.

After restarting Print Console, the first auto-approved job might be sent as a single head job, i.e. the second plate will not be imaged. This is a timing issue with the initialization of two TIFF Downloaders that happens intermittently.

TIFF Splitting Limitation

Problem 3272

If you submit a file smaller than half the subscan size of the panorama plate and TIFF Splitting is enabled, the job fails in the RIP with the following errors on head two:

- Creo TIFF Downloader margins, cropping, and/or shifts too large
- Creo TIFF Downloader Input(0) thread failed

Enhancements

This section lists features that were improved in this release of Print Console software. Features that were modified as a result of a problem in the software are described in *Known Problems* on page 4.

No new enhancements at this point in time.

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