What's New

English

Brisque What's New

version **5.1**

731-00448A-EN Rev A

www.creo.com

Copyright

Copyright © 2005 Creo Inc. All rights reserved. Data subject to change without notice.

731-00448A-EN Rev A

Creo and the Creo logo are trademarks or registered trademarks of Creo Inc. The Creo products mentioned in this document are trademarks or service marks of Creo Inc. and may be registered in certain jurisdictions. Apple, AppleShare, AppleTalk, EtherTalk, LaserWriter, LocalTalk, and Macintosh are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. Adobe and PostScript are trademarks of Adobe Systems Inc., are registered in the U.S. Patent and Trademark Office, and may be registered in other jurisdictions as well. Acrobat, the Acrobat logo, and Adobe Illustrator are trademarks of Adobe Systems Incorporated, which may be registered in certain jurisdictions. Microsoft, Windows, and Windows NT are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries. AIX, PowerPC, and RS/6000 are registered trademarks of International Business Machines Corporation. PANTONE is the property of Pantone, Inc. Xerox is a trademark of Xerox Corporation in the U.S. and/or other countries. Other company and brand, product, and service names are for identification purposes only and may be trademarks or registered trademarks of their respective holders.

No copying, distribution, publication, modification, or incorporation of this document, in whole or part, is permitted without the express written permission of Creo Inc. 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 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.

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

Revised September 2005

Contents

1 Introduction 1

Release Information ... 1

1 New Features 2

Packaging ... 2
- BrisquePack step-and-repeat workflow ... 4
- BrisquePack LRS workflow ... 4
- BrisquePack PCF workflow ... 5

Flexo ... 6
Cut2Go ... 7
Queue Manager ... 8
74Karat ... 9
Resource Center ... 10
- Normalize Job Settings ... 10
- Tone-Reproduction Curves ... 10

Excurves ... 11
Global Preferences: Expose and Plate Expose ... 11
Wrap ... 11
Transform ... 11

1 Enhancements 12

Arrange ... 12
- The Scatter Drop Template and the Multi-Separation Option ... 12
- Predefined Layout Option for Output on ThermoFlex Narrow Platesetter ... 12

Color2Disk ... 13
ExportPS ... 13
File Browser ... 13
- Favorites per User ... 13
- Templates in the Shortcut Menu ... 13
- Create a Thumbnail ... 14

Impo2Go ... 14
Improof ... 14
Lotem Quantum Spectrum ... 14
Merging Separations in Output Operations ... 15
Online Help System ... 15
PDF Trapper Plug-In ... 15
Preferences ... 16
- My Preferences: File Editors ... 16
- Global Preferences: Messages ... 16
- Global Preferences: Queue ... 16
- Global Preferences: Proofing ... 17

Global Preferences: Color Database ... 17
PreFlight (PDF) ... 17
Creo Certified Check ... 17
Security Tab ... 17
Spotless4 Workflow ... 18
Preview ... 18
Print ... 20
Proof ... 21
Using the New Network Proofer Device Type for Configuration ... 21
PPD File for Magnus 400 and Magnus 800 Platesetters ... 25
RIP ... 25
Preserve All CT Data ... 25
Auto-Detect EscoScan EPS Composite Files ... 26
Enhanced Handling as a Default ... 26
Create a Thumbnail During the RIP Process ... 26
Create Single Job Per Page ... 27
New Default Hot Folders for RIPing PDF Files ... 27
Resource Center ... 27
Marks ... 27
Spot Database ... 28
PreFlight Profiles ... 28
Deleting Multiple Templates ... 28
Versioning ... 29
Screen2Go ... 29
Spire ... 29
Configuring the Spire Color Server ... 29
Printing Parameters ... 30
Scale to Paper Size ... 30
Printer Spread ... 31
Spectrum and Kodak ... 31
Assigning Any Separation to Any Donor ... 31
Changing the Screen Angle of a Spot Color Separation ... 31
Applying a Tone-Reproduction Curve to Donors ... 32
Service ... 33
New Automatic Logoff in the cust_maint.sh Script ... 33
Changing the Speed of a Network Interface ... 33
Creating a Brisque Support Log ... 33
Displaying the Current SCSI Configuration ... 33
Removing Inactive Ethershare Users ... 33
Support for TSP300 Board ... 33

1 Where's That Option? 35

Improof ... 35
Spectrum ... 35

Introduction

Release Information

We are pleased to announce the release of Brisque 5.1. This version includes new features, enhancements, and corrections.

Brisque 5.1 is based on Brisque 5.0 and contains additional features such as the new Flexo operation and support of the various BrisquePack packaging workflows.

New Features

Packaging

Brisque 5.1 provides various tools specifically designed to address the needs of the packaging market. Brisque 5.1 offers three packaging workflows:

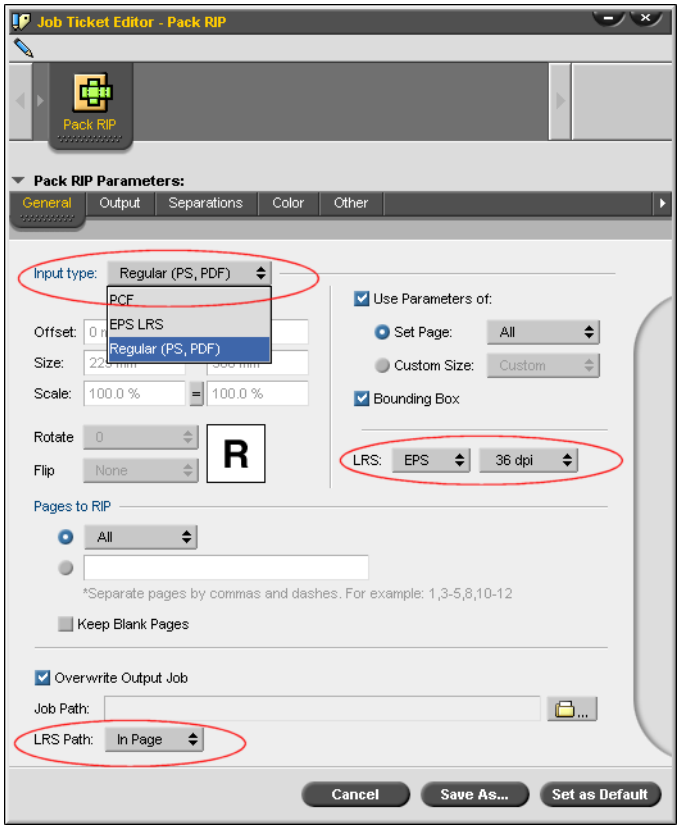
- BrisquePack step-and-repeat workflow
- BrisquePack LRS workflow
- BrisquePack PCF workflow

The major advantage to working with one of the Brisque workflows is that the same CT/LW data is used for all iterations of the single element. This dramatically improves the predictability and repeatability of the workflow, increases the efficiency of file handling, and allows a fast and flexible correction cycle.

All of the BrisquePack packaging workflow solutions incorporate the Brisque Packaging (PKG) Job.

The Brisque Packaging Job contains a mask page that describes the layout and a link to the high-resolution data. The Brisque Packaging Job can be soft proofed (Preview) and sent to any output device supported by the Brisque, including color proofers, imposition proofers, platesetters for offset or flexo and imagesetters.

Brisque 5.1 supports all Brisque packaging workflows via the Pack RIP operation.



For detailed information about working with the Pack RIP operation, see the Brisque 5.1 online help.

BrisquePack step-and-repeat workflow

If you need to step-and-repeat labels, tags and flexible bags, you will find all the required tools in the BrisquePack Preview workspace. In Preview, you can place RIPed single elements (Brisque Pages containing CT and LW files that represent a single package) on a layout. The placed elements can then be stepped and repeated according to the requirements of the printer or converter. The step-and-repeat layout is saved as a Brisque Packaging (PKG) Job when the elements overlap or as a Brisque Imposition Job when there is no overlap of elements.



Tip: Use Preview when your packaging layout is not based on a CAD file, when it contains rectangular elements, simple nested jobs and does not require complex bleed adjustment.

You can create step-and- repeat layouts in Brisque and also modify full Brisque Packaging Jobs that were originally created in other step-and-repeat applications.

You can use the Preview workspace to create layouts by selecting the elements and marks that will make up the printed sheet and placing them on the layout in the display window. The relative sizes & positions of the different elements are graphically displayed. The resulting layouts can be saved and then exposed to film, plate, proof and imposition proof.

You can create a step-and-repeat layout with one element (high-resolution) and positioning instructions for all its repetitions.

You can also add plate marks and sets of marks to a Brisque Packaging Job, replace an element or rearrange elements in the Job. These options can be applied to a Brisque Packaging Job that was originally created with the Preview application.



For detailed information about working with the BrisquePack step-and-repeat workflow, see the Brisque 5.1 online help.

BrisquePack LRS workflow

In the Low Resolution Stepping (LRS) workflow, you create a low-resolution EPS file (or a PDF file) when you use the Pack RIP operation to RIP the single element is RIPed. The EPS file is created in addition to the high-resolution CT and LW RIPed files and is placed in the location you define. You can manually step and repeat the low-resolution EPS file in any

desktop or step-and-repeat editing application, adjust the bleeds for each package, and add the die line, folding marks and plate marks to the packaging layout.

When the layout is printed, the DTP application generates a thin PostScript® file. Brisque then RIPs the packaging layout, replaces the EPS file(s) with links to the high-resolution CT and LW previously-RIPed files, and creates a Brisque Packaging Job.



Tip: Use Low Resolution Stepping (LRS) when you want to use ordinary DTP applications for your step-and-repeat process.



For detailed information about working with the BrisquePack LRS workflow, see the Brisque 5.1 online help.

BrisquePack PCF workflow

PCF (Packaging Control File) is a Creo file format recognized by the Brisque Pack RIP operation. The PCF format provides an efficient way of transferring instructions for packaging layouts to the Brisque. The PCF can contain PostScript data describing the single element or a link to the RIPed high-resolution data on the Brisque station. The PCF also includes instructions for positioning the repeated elements and additional PostScript data that describes plate marks and other components of the packaging layout such as the die line plan and folding marks.

Several step-and-repeat applications dedicated to packaging, such as Creo StepOne and ArtWork Systems PowerStepper, can create a PCF, supported by the BrisquePack station.

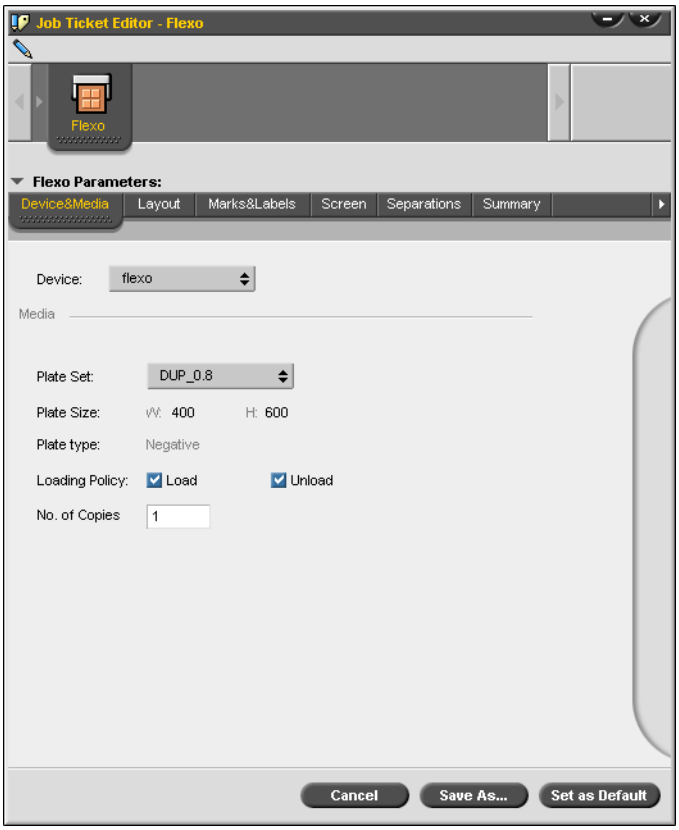
When a PCF is printed to Brisque, the Pack RIP operation RIPs the PCF and creates a Packaging (PKG) Job.



For detailed information about working with the BrisquePack PCF workflow, see the Brisque 5.1 online help.

Flexo

Brisque 5.1 supports ThermoFlex Narrow & Mid platesetters via the new Flexo operation. The Flexo operation enables you to expose flexographic plates on the ThermoFlex Narrow & Mid platesetters.

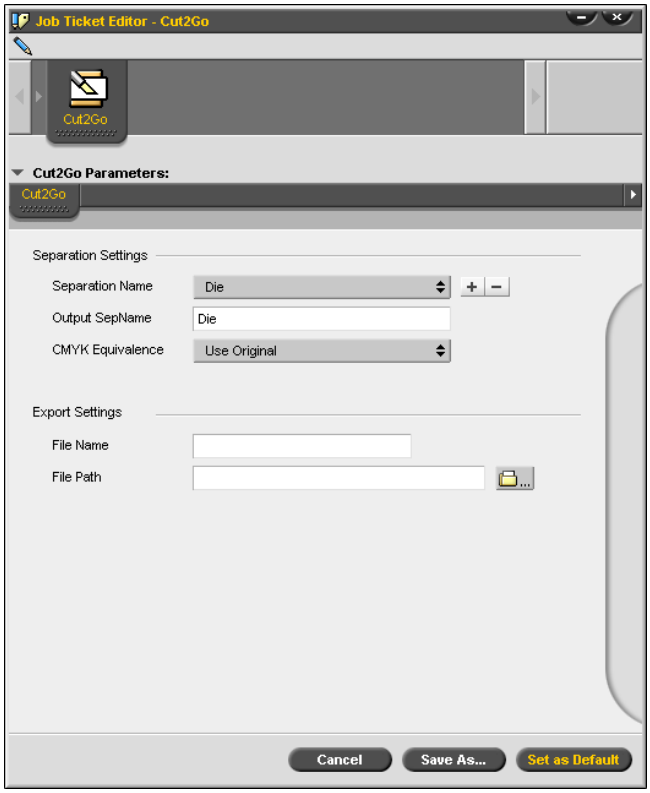


The ThermoFlex platesetters meet all your flexographic requirements for package printing. The ThermoFlex platesetters use Creo thermal imaging technology, featuring a multibeam, variable-resolution thermal imaging head.

A significant, unique feature of ThermoFlex platesetters is dynamic drum balancing. This capability guarantees rotational stability of the external drum during the imaging of any size plate in the specified size range.

To allow for variable resolution imaging, drum rotation speed is programmed to vary proportionally with the output resolution. This particular feature is unique to ThermoFlex platesetters, and ensures optimized imaging speeds based on output parameters.

Cut2Go



This new operation enables you to create a vector-based EPS file from the die-line separation of a Brisque Page, a Brisque Job, a Brisque Imposition Job, and a Brisque Packaging Job, and LW and 1-bit TIFF files. You can open the EPS file of the die-line separation in a DTP application for modification and you can send the file to the die maker for the preparation of the die-cut pattern.

The Cut2Go operation enables you to rename the die-line output separation, change its CMYK equivalence values, change the output EPS file name and destination path, and decide whether to use the output EPS file in the next operation in a template.

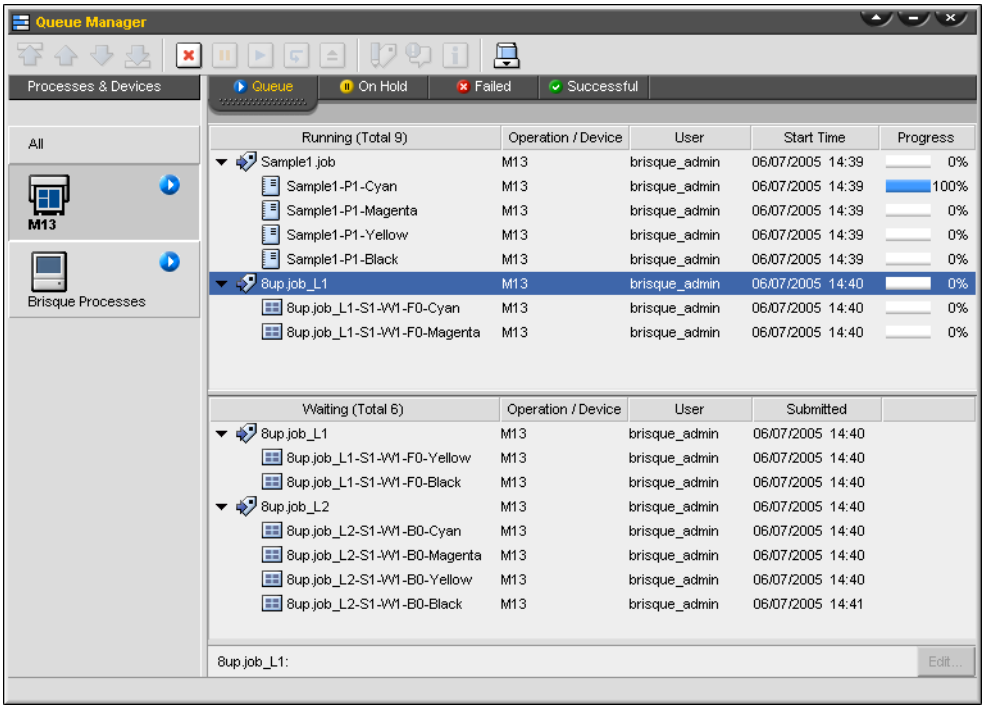
A die-line separation is a single-color separation that contains a basic outline of the cut shape and shows the die maker how to prepare the cut pattern.

Note: The Cut2Go operation is password protected and requires a license obtainable from your local service representative.

Queue Manager

Note: This section refers to the new Magnus 800 platesetter, which has not been released yet.

If you work with a Magnus 800 platesetter, the Queue Manager displays a list of the Page separations of Brisque Jobs and a list of the Layout separations of Brisque Imposition Jobs sent for exposure on this platesetter.



In this illustration of the Brisque Queue Manager, the **Running** list of the Queue Manager displays the CMYK separations of a single-page Brisque Job (**Sample1.job**) and two of the CMYK Layout separations of the first layout of a Brisque Imposition Job (**8up.job**) that were sent for exposure on the Magnus 800 platesetter.

The Magnus 800 platesetter exposes six layouts at a time. Therefore, the rest of the Brisque Layout separations of the **8up.job** Brisque Imposition Job are listed in the **Waiting** list.

74Karat



Brisque 5.1 supports the Brisque-to-74 Karat workflow, which prepares Brisque Jobs and Imposition Jobs for imaging and printing on the 74 Karat digital offset press.

When you send a job to the 74Karat operation, the following processes are performed:

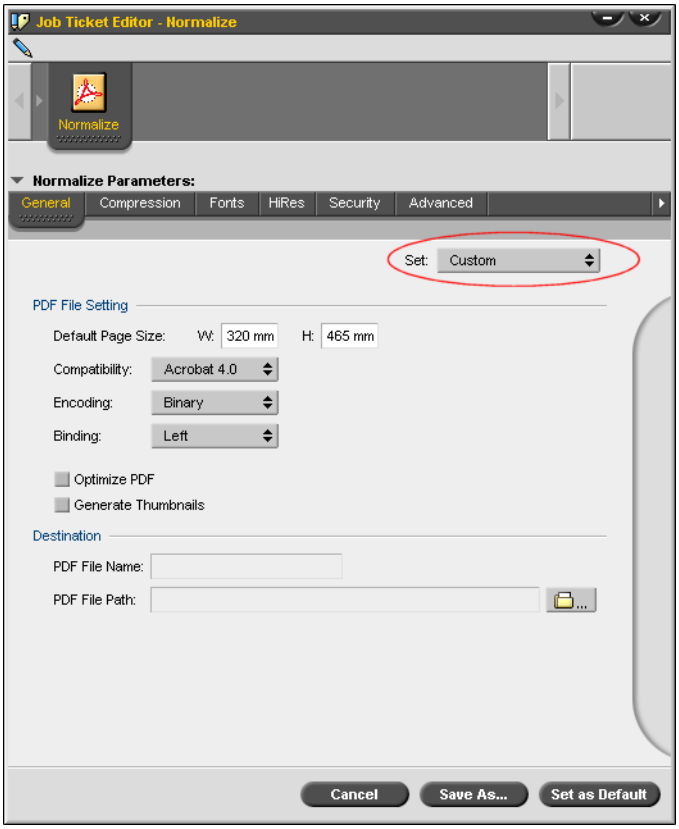
- Rotation, if necessary
- The Combine process, which creates a CT file
- The Store process, which assembles all the relevant data into one Store folder—**filename.Store**. This folder contains all the required data for previewing, exposing, and printing the file at the 74 Karat workstation. The name of the folder consists of the name of the input file and the local host, such as **Sample1_Iotq1.Store**.

Note: The Brisque-to-74 Karat workflow (the 74Karat operation on the Workflow palette) is password protected and requires a license obtainable from your local service representative.

Resource Center

Normalize Job Settings

You can import supported Job Options (from Adobe® Acrobat® Distiller® 5.0) or Adobe PDF Settings (from Acrobat Distiller 6.0) to the Resource Center. You can then select the imported job settings in the Normalize operation from the **Set** list.



Note: Some of the settings of the Job Options and Adobe PDF Settings are not supported by the Normalize operation. The supported settings are available in the Normalize operation.

Tone-Reproduction Curves

You can now create and manage tone-reproduction curves in the Resource Center.

Excurves

You can now create and manage Excurves via the Monitor palette. Select the **Processes & Devices** tab, right-click a device, and select **Excurve**.

Global Preferences: Expose and Plate Expose

When you select the new **Adjust File Resolution to Resolution of Output Device** option, an automatic adjustment of the LW resolution of the input file to the resolution of the selected output device is performed. Regardless of the LW resolution set in the input file, the job is exposed with the resolution of the selected output device. For the Adjustment setting, you can select **Standard** (the default option) or **Smooth**.

This option is supported by the Expose, Plate Expose, Screen2Go, and Lotem Spectrum operations.



Note: 1-bit TIFF input files are exposed with the input file resolution.

Wrap

This new option is relevant if you use a gravure cylinder. Unlike a plate or film, a cylinder is a continuous media. Select this option to wrap the screen mesh around the cylinder in a continuous effect to print seamless data.

The **Wrap** option is available on the **Screen** tab of the Expose and Screen2Go operations.

Transform

The Transform operation is a new operation that performs scaling of 1-bit TIFF files. You can scale the files using absolute values (inches or millimeters) or relative values (percent). In the Transform operation you can define different scaling values for each separation and add the Transform operation to a template for an automated workflow.



Note: The Transform operation is password protected and requires a license obtainable from your local service representative.

Enhancements

Arrange

The Scatter Drop Template and the Multi-Separation Option

The Scatter Drop template now works with the **Multi-Separation** option in the Arrange operation as well as the **Flat** option.



Note: The **Multi-Separation** and **Flat** options are located in the **Auto Arrange** section of the **Arrange** tab.

Predefined Layout Option for Output on ThermoFlex Narrow Platesetter

Brisque 5.1 introduces the **Predefined Layout** mode in the Arrange operation. The **Predefined Layout** option enables you to use predefined layouts as templates for output on the ThermoFlex Narrow Magnetic Drum platesetter.

You can mount more than one plate on the magnetic drum of the platesetter. Each plate can contain only a single separation of a page.

In the Brisque Preview workspace (in Edit mode), you create layout templates for different plate sizes and thicknesses. The size of the layout is the total of the sizes of the plates plus the gap between the plates.

When you are using the Arrange operation with the **Predefined Layout** option and the layout template that you created beforehand, the separations that are added to your layout are automatically positioned according to the template layout that you selected.

The result is a Brisque Imposition Job that contains a multiseparation layout or layouts. The Arrange process creates more than one layout if there is not enough space on the first layout to contain all of the separations.

Color2Disk

The new **Use Output File in Next Operation** check box in the Color2Disk operation enables you to decide whether you want Brisque to use the output file in the next operation in the template. If you do not select this check box, the original Brisque file is used.

ExportPS

You can now deactivate the CT compression option and choose to generate PostScript files with uncompressed CT data. To do so, in the ExportPS operation, on the **Compression** tab, in the **CT Data** section, clear the **Compress** check box.

File Browser

Favorites per User

The File Browser now enables you to define a **Favorites** list for each defined user. You can add any folder (including hot folders, remote folders, Brisque Jobs, Brisque Pages, Brisque Imposition Jobs, and Brisque Layouts) to your **Favorites** list.

Templates in the Shortcut Menu

When you right-click a file in the File Browser, you can select a template to be used with the file. The list contains only the relevant templates for the type of file that you selected.

Create a Thumbnail

The **Create Thumbnail** option in the right -click menu now supports Brisque Jobs as well as Brisque Pages. When you select this option for a Brisque Job, thumbnails are created for all of the Pages in the Job.

Impo2Go

A new resolution option was added to the Impo2Go operation. This option enables you to select the required resolution (2–6 dpm) for the PDF file that you are creating.

Improof

- You can now proof any combination of separations that you have in your job. For example, you can choose to proof only CMYK separations, only spot color separations, all of the separations, or only varnish separations.
- The Improof operation now supports the HP Designjet 4000 large-format printer.

Lotem Quantum Spectrum

Brisque 5.1 supports the Lotem® Quantum Spectrum platesetter. The Lotem Quantum Spectrum platesetter combines plating and digital halftone proofing on the same device. Since the same RIPed data, screening process, and imaging head are used for both proofs and plates, full conformity between the two media is ensured. In addition, the combination of plating and digital halftone proofing on the same device is cost effective and saves valuable space in a production facility. Because Lotem Quantum Spectrum uses a dual-loading cassette or multi-cassette unit for loading the proofing media, you can easily switch between platemaking and creating proofs.

Merging Separations in Output Operations

Brisque 5.1 enables you to merge separations to reduce the total number of separations to be exposed. For example, if an input file contains two spot colors that are the same but have different names, you can merge them, and only one separation will be generated.

When you select two or more colors for merging, one color becomes the "parent" and the others become the "offspring." The separation is created according to the defined parameters of the parent color.

You can merge spot colors with other spot colors or merge spot colors with process colors. The merged separation name is the “parent” separation name.

This option is available for the Expose, Plate Expose, Lotem Spectrum, Flexo and Screen2Go operations.

Online Help System

The Brisque 5.1 online help system is context sensitive so that when you are using the Brisque software and you press F1, the topic that appears provides information about the window or dialog box that is currently active in the Brisque software.

PDF Trapper Plug-In

Brisque 5.1 supports the Creo PDF Trapper plug-in for Adobe Acrobat. This plug-in, for both Windows and Macintosh, is a vector-based trapper that enables you to check, modify, or delete existing individual traps that were created in the PDF file with the Brisque PDF Trap operation. It also enables you to trap whole pages or selected objects in Adobe Acrobat.

To use the Creo PDF Trapper plug-in, you must have a Brisque 5.1 station with a valid Creo PDF Trapper license. Without a license, you can only check existing traps that were created with the Brisque PDF Trap operation.



Note: If you already have the ADVANCED_ PDF_ TRAP license for the PDF Trap operation in Brisque, you can use it for the advanced options of the Creo PDF Trapper plug-in instead of obtaining the CREO PDF Trapper license,

Preferences

My Preferences: File Editors

The **File Editors** section enables you to define which application will be used to open a file of a specific type.

In addition to PDF files, you can now define that when you double-click a LW file or a raster file, an application (such as Press Touch™ for LW files or Adobe Photoshop® for raster images) that resides on your local station is opened.

Global Preferences: Messages

When you select the new **Prompt When Moving Files or Folders** check box, a message will appear whenever you move files or folders. The message includes the source and destination paths and requests a confirmation from you before the files or folders are moved.

Global Preferences: Queue

This option is relevant for multi-cassette unit platesetters.

When you select the **Sort Plates Queue by Size** check box, the jobs in the Waiting queue of the Queue Manager are sent to exposure according to the plate size they require. This option reduces the number of times that the cassette must be replaced between jobs and also, therefore, the total processing time.

The first jobs in the queue are the jobs that require the same plate size as the job currently running. For example, if the first plate in the queue is size A, the second plate is size B, and the third plate is size A, the two size A plates will be exposed in succession and the size B plate will be exposed last, despite its original position in the queue.



Important: Although the jobs in the queue have been sorted according to their plate size and will be processed accordingly, the listed order of the jobs in the Waiting queue of the Queue Manager remains unchanged.

Global Preferences: Proofing

The settings in the former **Fallback Spot Library** section (under **Global Preferences: Proofing**) are now under the **Global Preferences: Color Database** section, on the **Color Recipe** tab, and are in a section called **Fallback Recipe Color Library**.

The **Missing Spot** option of the **Policy Settings** section (formerly under **Global Preferences: Proofing**) is now under the **Global Preferences: Color Database** section, on the **Color Recipe** tab and is now named **Missing Recipe Color Policy**.

Global Preferences: Color Database

Brisque 5.1 introduces a new backup procedure for your color database.

If your color database is located on your local station, you can update it with the contents of a database from a different location by replacing all libraries or adding other libraries.

If your color database is located on a remote station, you can also schedule an automatic backup to your local station at a specified date & time.

PreFlight (PDF)

Creo Certified Check

When you select the **Creo Certified Check** option, information is added to the PDF file indicating that the PreFlight operation was performed successfully with the selected PreFlight profile.

Security Tab

When you preflight a PDF file that has a password assigned to it, you must specify the password to continue with the PreFlight operation.

In template mode, you can create an automated workflow for PDF files that have the same password assigned to them.

You can also define how the PreFlight operation handles a mismatch between the typed password and the assigned password in the PDF file.

Spotless4 Workflow

The new **Spot Separations** tab enables you to work with the "spotless" workflow and manage the conversion of spot colors in your PDF files. The options that you select on this tab overwrite the parameters of the selected PreFlight profile.

For each spot color in your file, you can select one of the following options:

- **File Equivalence**: convert the spot color using the equivalence values that are specified in your input file (taken from the DTP software that your input file was created in).
- Library name: choose a library name from the list to use the conversion values in any of the available spot color libraries. The list contains the libraries that are available in the **Spot Database** section of the Resource Center.

  If you select the name of a spot color library, you must specify the type of equivalence values that you want to use. Select **Lab** or **Ink Set**.
- **None:** maintain the spot color as is without any conversion.

In template mode, you select a global spot color library and equivalence value type for all of the spot colors in the file.



Note: The Color Management option no longer requires a license for the RIP and PreFlight operations.

Preview

- The **File**, **Edit**, and **Modify** menus now have keyboard shortcuts for some of the options.
- The **Crop** tool in **Edit** mode is now available for Brisque Jobs, PostScript and PDF files. When you preview a Brisque Job in **Edit** mode, click the **Crop** tool, and in the display window, drag the pointer across the area that you want to keep. You can change the dimensions of the crop area (the area that you want to keep) by moving any of the arrows in the middle of the edges of the crop rectangle or by changing the values in the **Crop Size** box. You can change the location of the crop area by dragging it or by changing the values of the **Offset** boxes. On the Element Properties palette, click **Apply**.

  The crop that you perform on the Brisque Job applies to all the Brisque Pages in the Job.

- In the Preview workspace, the run-list number now appears in the display window in **Page Frame** view (**View** menu > **Page Frame**) and in the Page list (**Pages** tab) in the Inventory palette.
- In a template that contains a Preview operation that precedes another operation in a template, when you finish previewing the job in the Preview workspace, you can decide whether to continue. To proceed with the template, click **Continue**. Otherwise, click **Abort** or **Hold**.



- When you drag a multipage Brisque Job to a page location in a layout in the display window of the Preview workspace, the pages in the layout are replaced by the Pages of the Brisque Job according to the run-list order.

  For example, in the display window, if you drag a Brisque Job that contains eight pages to the location in the layout of the first page in the run list, the eight pages of the Job replace the first eight pages of the run list.
- When you preview a Brisque Imposition Job, you can import the Pages of another Brisque Imposition Job according to that Brisque Imposition Job's run list. To do so, from the **Modify** menu, select the **Import Run List** option and locate the Brisque Imposition Job whose

Pages you want to import. That Imposition Job whose Pages you are importing must have the same number of Pages as the Brisque Imposition Job that you are importing to.

- You can import an imposition plan of an existing Brisque Imposition Job to a new Brisque Imposition Job or replace an existing one. To do so, from the **Modify** menu, select the **Import Imposition Plan** option and locate the Brisque Imposition Job whose imposition plan you want to import.
- Brisque 5.1 supports the **Offset From Center** option in Preps® software.
- In Preps software, when you add pages to a Preps job, you can choose one of the following positioning options: **Center** (center the page in the frame), **Offset from Center**, or **Offset from Top Left**.

  When you are working with a Brisque Imposition Job that originated in Preps software, the **Relative To** and **Offset** parameters on the **Parameters** tab of the Element Properties palette are derived from the page position setting (**Center**, **Offset from Center**, or **Offset from Top Left**) that was selected in the Preps software.

  Previously, the **Relative To** parameter was always set to **Top Left** and the **Offset** parameter was adjusted accordingly to match the page position set in Preps software.

Print

When you use the Print operation, you can select the resolution (1–60 dpm) and quality level (**Standard**, **High**, or **Best**) for printing your file.

The **Quality** parameter is based on an algorithm that analyzes the jagged edges of LW and CT elements and smooths them to produce high quality output. The algorithm is applied to the Brisque Job during the Print operation and does not permanently modify the contents of the input file.

The **Standard** and **High** quality options apply to LW files only (CT files are not modified). Usually, the **Standard** option generates adequately accurate results. For more precise results, select **High** to apply a more exact algorithm to the LW elements.

When **Best** is selected, the smoothing algorithm that is used when you select **High** is applied to both LW and CT elements.

Proof

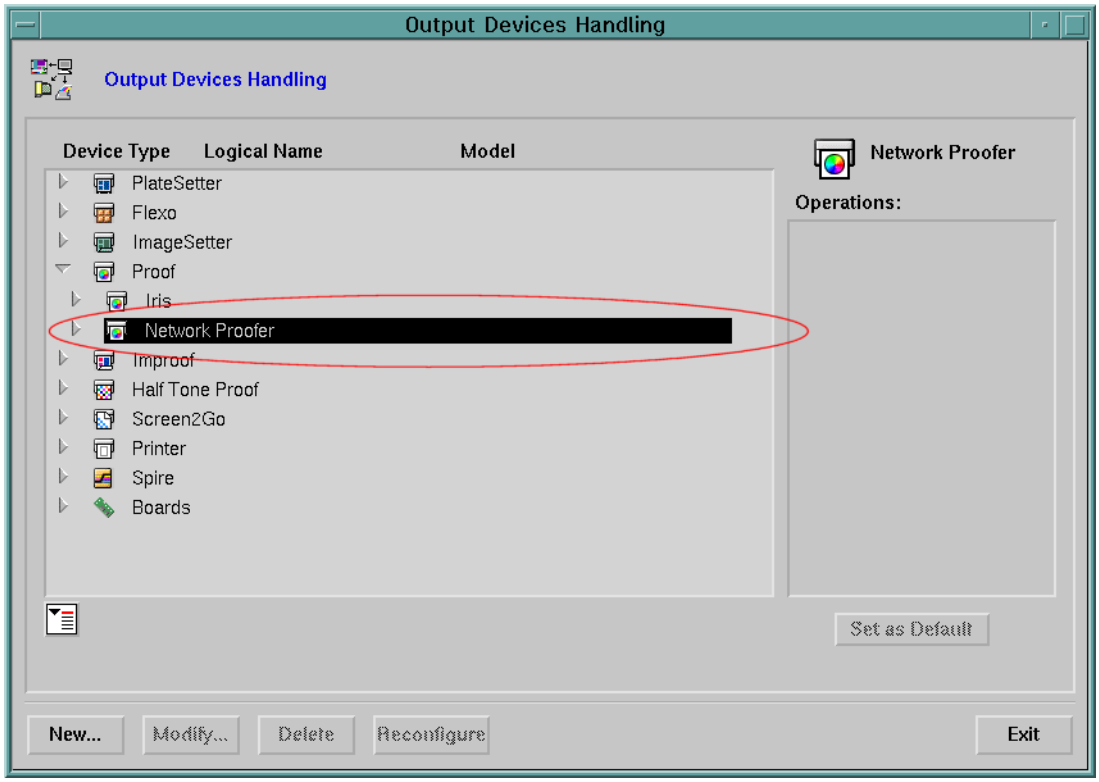
- The new **Layout** menu in the Proof operation (**Device&Media** tab) enables you to select a layout arrangement that was created on the Veris proofer.

Note: This option is available only when you have a configured Veris proofer and you select this Veris proofer from the **Device** menu in the **Device&Media** tab of the Proof operation.

- The new Kodak Matchprint Inkjet Solution is now supported by the Proof operation.

Using the New Network Proofer Device Type for Configuration

The configured Veris, Integris or Kodak Matchprint Inkjet proofers in the future, are now listed under **Network Proofer** in the Output Device Handling window.

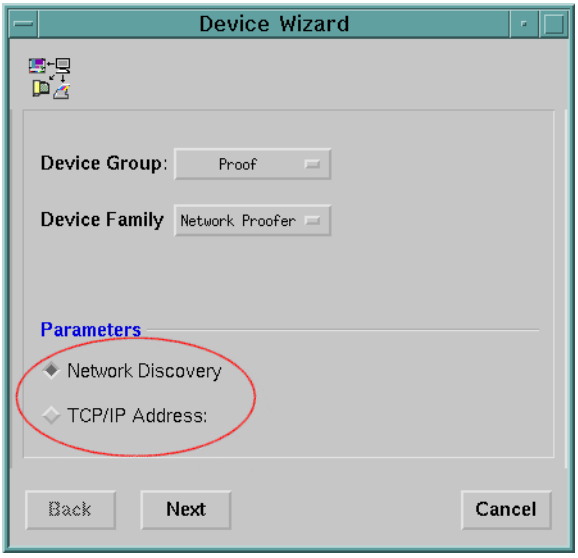


When you configure one of these proofers, you can choose between an automatic search of the available proofer controllers or locating a specific controller via its TCP/IP address.

The configuration procedure for such proofers has changed accordingly.

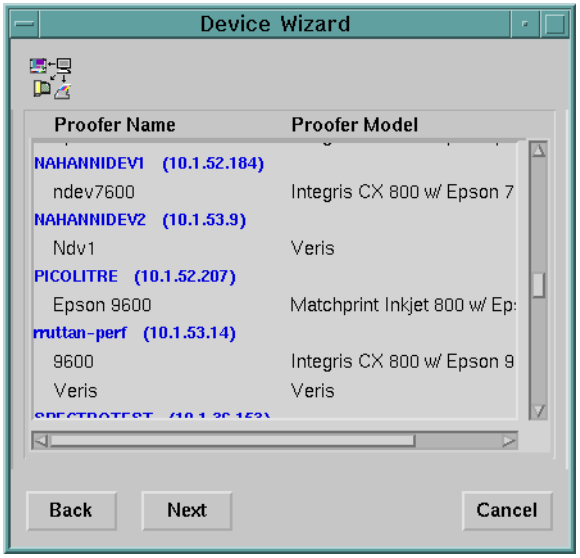
To configure one of these proofers:

1. On the Brisque server, from the **Service** menu, select **Device Handling**.
2. In the Output Devices Handling window, click **New**.
3. In the **Device Group** list, select **Proof**.
4. In the **Device Family** list, select **Network Proofer**.
5. In the **Parameters** section select one of the following options:



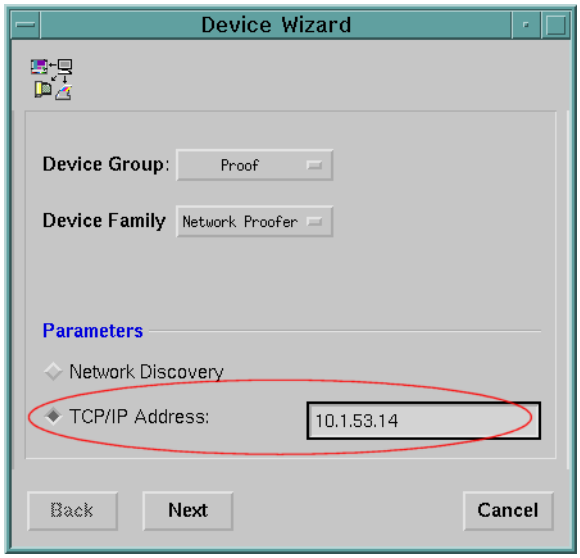
- **Network Discovery**: to perform an automated search for the available proofer controllers.

A list of the proofer controllers and the proofers they control is displayed.

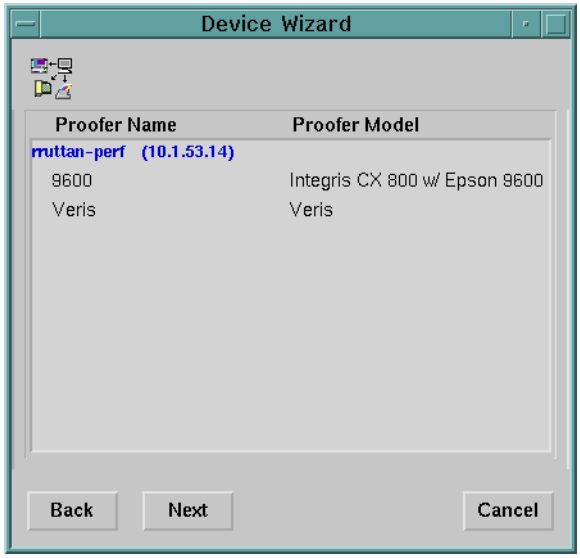


a. Select the proofer you want to configure and click **Next**.

❒ **TCP/IP Address**: to specify a specific proofer controller by typing its IP address.



a. Type the IP address and click **Next**. The proofer controller is displayed with a list of the proofers it controls.



b. Select the proofer you want to configure and click **Next**.

6. In the **Logical Name** box, type a name and click **Next**.



The following dialog box is displayed.



7. Click **Save**.

PPD File for Magnus 400 and Magnus 800 Platesetters

For users of Preps and a Magnus 400 or a Magnus 800 platesetter, the **BrisqueDevices.ppd** file now includes the definitions for the exposable areas of the Magnus 400 (664 mm × 750 mm) and Magnus 800 (938 mm × 1162 mm) platesetters.

RIP

Preserve All CT Data

The new **Preserve All CT Data check box,** in the **CT Handling** section, on the **Other** tab of the RIP operation, enables you to maintain all of the CT data in the file, including CT data that is outside the crop area.

Auto-Detect EscoScan EPS Composite Files

This option is relevant to customers who use the EPS Composite file format of a Monoscan™ scanner version 8 or later. Other customers should keep this option cleared.

When this new check box, (in the **CT Handling** section, on the **Other** tab of the RIP operation), is selected, any EPS Composite images are converted to LW format.

Enhanced Handling as a Default

The **Use Enhanced Handling** check box, (in the **Enhanced Handling** section of the **PDF** section, on the **Other** tab of the RIP operation), is now selected by default. That is, when you RIP a PDF file, it is automatically flattened using CPSI 3016 features that identify layers and JBIG compression.

Create a Thumbnail During the RIP Process

The new **Create Thumbnail** option for the RIP operation enables you to choose whether to enable or restrict the automatic creation of a low-resolution JPEG file during the RIP process. This low-resolution JPEG file is used when you select the **Quick View** option in the File Browser and when you select the **JPEG Preview** mode in the Preview workspace. If you don't use these options and you want a quicker RIP process, clear this option.



Note: Even if you clear this option, you may still use the **Quick View** option. When you click **Quick View**, Brisque generates the JPEG file for this preview but does not save it for future use.



Tip: If you choose to clear this option (and not create the JPEG file automatically), you should select **HiRes** in the **Imposition Default Preview Mode** option (Preview Preferences).

Create Single Job Per Page

When you RIP a multi-page PostScript or PDF file and you select this option, the RIP process generates a separate Brisque Job for each page of the input file.

New Default Hot Folders for RIPing PDF Files

The following default hot folders are now available:

- **PDF15_PFC_RIP**: includes the PreFlight operation with the Brisque default PreFlight profile and the RIP operation with flattener for PDF 1.5 only
- **PDF_PFC_RIP**: includes the PreFlight operation with Brisque default PreFlight profile and the RIP operation with flattener for all PDF files
- **PDFX3_PFC**: includes the PreFlight operation for PDF/X-3 only

Resource Center

Marks

- The Resource Center Marks library now supports PDF marks.
- For every mark in the Resource Center, you can define which of the separations you are exposing will include the mark. In Brisque 5.1 this capability includes default marks as well.
- When you want a specific mark to be the uppermost data and to knock out any data under or over it, add the characters TOPMOST (or topmost) to the name of this mark. For example, if the name of the mark is **mark**, rename it to **markTOPMOST.**

  This option is supported by the Plate Expose, Improof, and (ICF) Translate operations and by the Preview workspace.
  You can type the topmost characters in upper case or lower case. You can add the topmost characters anywhere in the name of the mark (in the beginning, middle or end) as long as the mark name is kept as one word.

Spot Database

Exporting Spot Recipe Libraries

Brisque 5.1 enables you to export spot recipe libraries to and from the **Spot Database** list of the Resource Center.

Duplicating and Renaming Spot Colors

Brisque 5.1 enables you to duplicate and rename a spot color in a spot color library.

Calculating Spot Color Values

- When you calculate the CMYK equivalent values from the L*a*b* values of a spot color, a new **DeltaE** column indicates the difference between the original values and the calculated values.

  You can choose either the **DeltaE (ab)** formula or the **DeltaE (94)** formula to calculate the difference.

- When you select the standard ICC conversion method (**Standard ICC** option), you can select the **Preserve Black** check box to preserve the original black values.



Note: The **Preserve Black** check box is an option of the new color management engine and affects all output applications that use this new engine for ICC conversion. If you want to use the previous color management engine, contact your service representative.

PreFlight Profiles

A new default PreFlight profile, **Hexachrome.prf**, enables you to convert the spot colors of a file to the six-color hexachrome (CMYKOG) process.

Deleting Multiple Templates

You can now delete more than one template simultaneously.

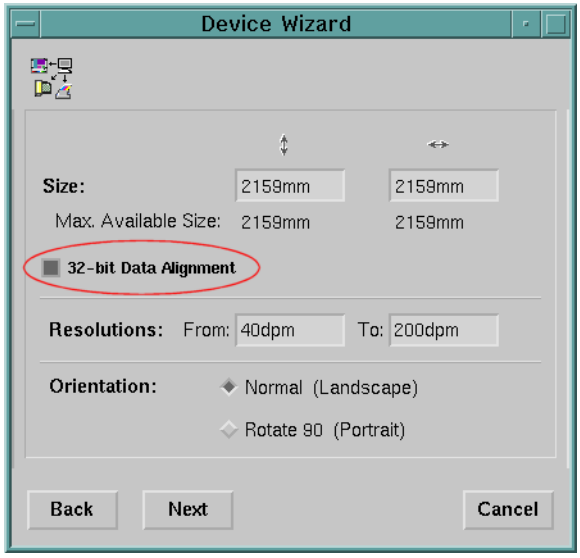
To do so, on the **Templates** tab of the Workflow palette, select the templates that you want to delete (select the first template, and then press CTRL while clicking each template that you want to delete). Then, right-click the selected templates and select **Delete**.

Versioning

The Screen2Go operation now supports Brisque versioning Jobs.

Screen2Go

A new **32-bit Data Alignment** option was added to the configuration of the Screen2Go device. This option enables you to create an output file with a line length (in pixels) that is a multiple of 32. Such a Screen2Go TIFF output file can be received by the ECRM® CtServer.



Spire

Configuring the Spire Color Server

When you configure the Spire color server, you must choose a PPD file from the available PPD files. You can use the **GenericSpire.ppd** supplied with your Brisque software or any other PPD file that you use with your Spire color server.

Printing Parameters

- When you select a Spire color server from the **Logical Name** list, the IP address and type of the selected Spire color server appear in the **Spire IP Address** and **Spire Type** boxes. These parameters are read-only parameters.
- Spire color servers have three default virtual printers (hot folders):
  - **HF_ProcessPrint:** If you select this hot folder, your file is processed by the RIP operation on the Spire color server before the file goes to the print queue.
  - **HF_ProcessStore:** If you select this hot folder, your file is processed by the RIP operation on the Spire color server and will then be stored.
  - **HF_SpoolStore:** If you select this hot folder, your file will go to Storage window on the Spire color server to await further instructions.

  The **Virtual Printer Name** list enables you to select one of the three default virtual printers when you are using a Spire color server that does not support Job Definition Format (JDF). If you want to use a user-defined virtual printer, you must type its name in the **Virtual Printer Name** box.

  When you use a Spire color server that supports Job Definition Format (JDF), you can select any of the three default virtual printers or any user-defined virtual printers that are on the list.

Scale to Paper Size

In the Spire operation, the **Scale to Paper Size** option enables you to scale the layout of a Brisque Imposition Job to the size of the selected paper size. This option is not relevant if you use any of the Spire operation's **Layout** tab options.



Note: This option is supported only when the Spire color server you are using is configured with the appropriate PPD file that supports this feature.

Printer Spread

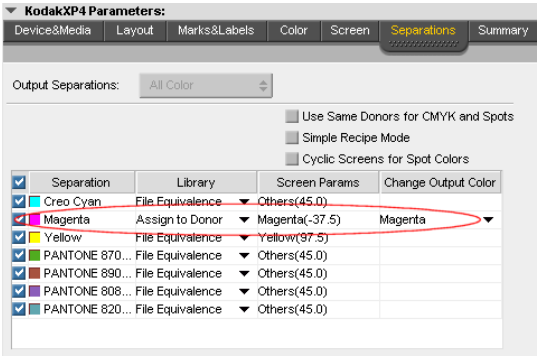
In the Spire operation, a new **Printer Spread** option is available with the **Arrange Imposition Job As** option, in addition to the existing **Run List** and **Reader Spread** options. You can now arrange and print the printer spreads of your Brisque Imposition Job.

Spectrum and Kodak

Assigning Any Separation to Any Donor

Brisque 5.1 enables you to assign any separation, including process color separations, to any donor.

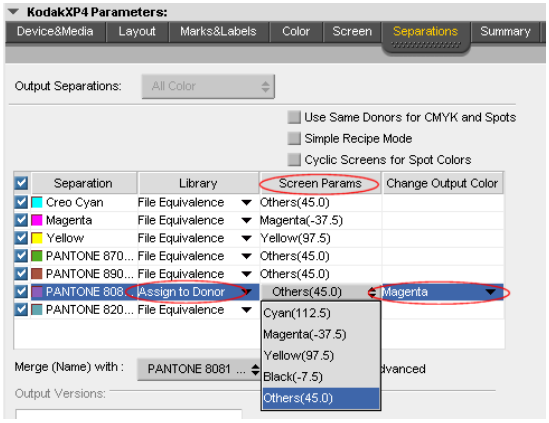
You cannot assign more than one process color separation to a single process color donor.



Changing the Screen Angle of a Spot Color Separation

The separation table on the **Separations** tab now contains a **Screen Params** column. This column displays the screen angle for the selected separation.

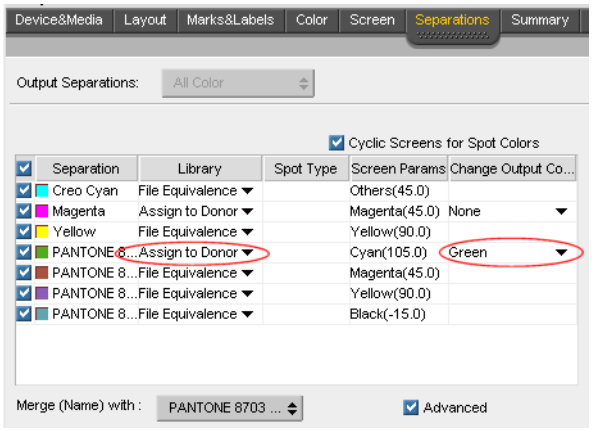
When you select **Assign to Donor** for a spot color separation in the **Library** column and then select a donor name in the **Change Output Color** column, you can change the screen angle in the **Screen Params** column.



Applying a Tone-Reproduction Curve to Donors

The following information applies to the **Apply Color Curve to Donors** option in the **Color** tab and to the **Library** and **Change Output Color** columns in the separation table on the **Separations** tab.

When you select **Assign to Donor** for a spot color separation that is included in a job in the **Library** column and then select the **Apply Color Curve to Donors** check box (**Color** tab), the values of the selected tone-reproduction curve are applied according to the donor names selected in the **Change Output Color** column in the separation table instead of according to the names of the spot color separations.



Service

New Automatic Logoff in the cust_maint.sh Script

The **cust_maint.sh** script performs an automatic logoff from the Brisque server with the "defragfs" flag (**scismit** > **Problem Determination** > **Customer Maintenance**).

Changing the Speed of a Network Interface

The new **Change Network Interface Speed** option (**scismit** > **Problem Determination** > **Change Network interface speed**) enables you to change the speed of a chosen network interface without rebooting. When you select this option, a list of the existing ent interfaces with their current speed and IP parameters is displayed. When you select any of the interfaces, you can define the required speed.

Creating a Brisque Support Log

This new option enables you to create a Brisque log file for support purposes. You can create this log file on the Brisque client via the **Tools** menu (**System Tools** > **Service**) or via SciSMIT (**scismit** > **Problem Determination** > **Create Brisque Support Log**).

Displaying the Current SCSI Configuration

This new option (**scismit** > **Problem Determination** > **Display Current SCSI Configuration**) enables you to view the current SCSI configuration, including the entire SCSI and IDE device hierarchy.

Removing Inactive Ethershare Users

This new option (**scismit** > **Problem Determination** > **Remove Inactive Ethershare Users**) enables you to remove inactive Ethershare users from the system.

Support for TSP300 Board

Brisque 5.1 supports the new TSP300 board. The TSP300 board is a screen processor board with a data rate of 300 Mpixel/sec.

The TSP300 board incorporates all of the features of the TSP75 board for CTP devices (the board currently supplied) and has a higher throughput. Currently the TSP300 board is qualified to work only with Magnus VLF V platesetters.

Where's That Option?

This section lists the changes that took place between Brisque 4.1 and Brisque 5.1. For more detailed information, please see Brisque 5.1 Online Help. To view the online help, press F1 on the Brisque client workstation.

Improof

The **Signature** option is now called **Double Sided Output** (**Improof** > **Layout** tab). The **Double Sided Output** check box is available only for a Brisque Imposition Job with two or more layouts (front and back).

Spectrum

The **Narrow Mode** check box (**Device&Media** tab) is currently not available.