What's New?

English

Brisque

version **4.1**

399Z3R897A

www.creo.com

Brisque

version 4.1

What's New?

creo™

Copyright

Copyright © 2003 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, and the Acrobat logo are registered trademarks of Adobe Systems Incorporated, and are registered in the U.S. 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, Windows, Windows 2000, and Windows NT 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:

RE37,376	5,283,140	5,517,359	5,699,740	5,969,872	6,134,393	6,283,589
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	
5,249,067	5,509,561	5,699,174	5,966,504	6,130,702	6,268,948	

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

399Z3R897A

Revised January 2003

Contents

Overview 1

New Features that Require a License 1

Output 2

Staccato Screening 2
- Upgrading to Brisque version 4.1 from previous Brisque versions 3

Color Combiner Option 6
- How Color Combiner Effects Spot Colors 7

Screen2Go 9
- Auto Arrange Layout Option 9
- Uncompress Option 10
- Output File Name Convention 11
- Flexo Media Option 12

Handling Overlapping Elements in Imposition Jobs 14
- Pages Overlap Option 14
- Error Handling Option 14

Automatic Rotation of Screen Set Angles 17
- TIFF Properties Option 17

Alignment in Plate Expose 18
- Modifying the Home Format 19
- Printing the Version Name 19

Plate Sort in the Queue Option 19

Device Handling Dialog Box 21
- Lotem Calibration Option 21
- Enhanced Trendsetter Connectivity 21

Machine Timeout Option 22

Trendsetter News Device 24

Support for Trendsetter V 4-up, 8-up and VLF Devices 24

Trendsetter Spectrum 24
- Selecting Multiple Screen Sets 24
- Support for ICC Profiles 29
- Enhanced Separation Handling 32
- PANTONE® 2000 Libraries 36
- Search SpotDB with Short PANTONE Names 38
- Limit Label to File Width Option 38
- Color Combiner Option 39
- Support for Multicassette Sort Feature 40

Lotem Quantum with Spectrum 40

Selecting Multiple Screen Sets 40
- Support for ICC Profiles 41
- Color Combiner Option 43
- 4- Up Media Size Support 43

Lotem with MCU Support 44
Lotem 800 II Support 44
KodakXP4 44
Support for Staccato Screening 44
Support for ICC Profiles 44
Connecting to Two KodakXP4 Devices 49
Device Profile Utility 50
Selecting Multiple Screen Sets 54
Support for 4-up Stand-Alone Configuration 57
Configuring the 74 Karat Printer 57

Proof 58

Smarter Layouts with Arrange 58
Applying Labels in the Scatter Drop Hot Folder Workflow 59
Veris Proofer Support 60
Tiling Option 61
Searching for PANTONE Colors in the Spot Database 63
Limit Label to File Width Option 63
Spot Test Option 64

Improof 69

Support for a Double-Sided Improof Device 69
Support for Epson Stylus Pro 10 000 70
Support for Hewlett Packard 5500 71
Trim Layout Size Option 72

Output Preferences Dialog Box 74

Pages Overlap Option 75
Double-Sided Style Option 75
Rotating with a Rotation Board 75
Color2disk 76

Arrange 77

Support for Multiple TIFF files 79
Multi- Sep Option 79
Taking the Layout Size From the Next Operation 82
Trim Layout to Fit Option 82
Adding and Removing Layout Sizes 83
Alignment for Guillotine Option 84
Automated Arrange in a Hot Folder 84
Scatter Drop 84

JoBit 87
Using JoBit ... 88
Setting the Parameters Manually ... 90

Enhanced Preview 91
Separations List ... 91
Element Orientation in the Preview Element Tab ... 92
Modifying the Element Orientation in the Preview Repeat Tab ... 93
Mark Updates Option ... 98
Placing Crop Marks ... 99

Normalizer Version 5 100

Pre-Flight PDF Check 100

RIP 101
Marks RIP Resolution Option ... 101
Enhanced Support of MonoScan File Format ... 102
Enhanced PDF Handling ... 102
CT on CT Border: the SmartEdge Option ... 105

FAF: Creating Smoother Frames 106

Mount Pro 108
NT Server Support ... 108
Automatic Station Type Detection ... 108
Assigning a Logical Name ... 109

Sending the .rsrc Directory 110

ExportPS 110

Enhanced PDF2GO 110

Packaging 111
LRS EPS option ... 111
Display Transparent Mask ... 111

Enhanced Brisque MacClient 114

Working with Preps 117

Dynamic Marks Options ... 117
New Text Mark Variables ... 117
Plate ID ... 117
Screen_Set ... 117
ExCurve ... 117
Tone_Rep ... 118
Text Mark Size ... 118

Adding and Viewing Marks 119

Viewing the Mark Dimensions ... 119
Mark Library Name ... 119

Web Growth Operation 120

Enhanced Versioning 121

Creating User-Defined Naming Convention Sets ... 122
Create a new naming convention set ... 123
Deleting a Naming Convention Set ... 129
Editing a Naming Convention Set ... 129
Testing a Naming Convention Set ... 130
Editing Merged Jobs ... 133
Adding a Version ... 136
Deleting a Version ... 138
Replacing a Version ... 138
Remerging the Job ... 140

System Administration 142

SciSmit ... 142
Devices ... 142
Communication and Servers ... 142
Volume Size ... 142
Customer Maintenance ... 142
Enhanced FSCK ... 143
/var File System ... 143
Performance Tuning ... 143
Installing Brisque Updates ... 145
Backup with Legato Client ... 147
Restoring the Configuration Settings of a Previous Version ... 147
Enhanced File Recognition System ... 148

Rebuild Desktop Utility 148
System Disk Mirroring 149
ISDN Connection to Creo Service Centers 150
Connecting the Computer 150
Setting Up the ISDN Modem 152

Overview

Brisque Version 4.1 improves the functionality, productivity, and flexibility of your workflow. The version includes new features for color matching, automatic picture replacement, impositioning, versioning, and packaging. The version supports all Creo computer-to-plate (CTP) and computer-to-film (CTF) devices, including all Trendsetter® 4-up, 8-up, and VLF-V speed CTP devices, as well as the Lotem™ CTP and Dolev® CTF systems. It also supports the new Veris™ proofer and Integris™ proofing solutions. Additional features include a new normalizer, PDF transparency flattening, ICC profile support for halftone proofers, and the new JoBit application for translating 1-bit TIFFs to a job.

This document describes all the new features and options available in version 4.1. Operational instructions have been included where relevant.



Note: This version does not support applications that use Lanc communication.

New Features that Require a License

The following options are available upon payment:

- SmartEdge (see *CT on CT Border: the SmartEdge Option* on page 105)
- Staccato®Screening 10, 20, and 25, (see *Staccato Screening* on page 2)
- Turbo FM screen sets (see page 2)
- 74 Karat (see *Configuring the 74 Karat Printer* on page 57)
- 4-Up stand-alone configuration (see *Support for 4-up Stand-Alone Configuration* on page 57)
- Gravure Tools — this option is available to IGS configurations only and is for future use.

Output

Staccato Screening

Staccato screen sets are available for use with computer-to-plate (CTP) output devices. Staccato screening options ranging from 25 to 70 are supported on all non-Quantum level devices (FH and type II). Stacccato screening options 20, 20.1, and TurboFM are no longer supported on non-Quantum devices.

The following Staccato screen options are now available:

- Staccato 25: Includes sizes 25, 35, 36, 40, and 70
- Staccato 20: Includes sizes 20, 25, 35, 36, 40, and 70
- Staccato 10: Includes sizes 10, 20, 20.1, 25, 35, 36, 40, and 70

Staccato screening resolves fine image detail in presswork while eliminating halftone rosettes and screening moiré. Staccato screening can also increase the color gamut.

All Creo CTP devices are supported by at least one Staccato screen set. The screen set available for each device is shown in the table on page 4.



Notes:

Staccato 20 and 25 are available for Kodak XP4.

Turbo FM screen sets are still available for some CTP devices.

For Screen2Go, Trendsetter Spectrum and Trendsetter, Staccato screens cannot be used if you select more than one screen per layout.

In Preferences, you cannot select the **ton rep not effect color bar** option when you use Staccato screening.

Upgrading to Brisque version 4.1 from previous Brisque versions

If you upgrade from version 3.0 to version 4.1, only Turbo FM screen sets will be enabled.

If you upgrade from version4.0 without a Staccato FM license to version 4.1, only Turbo FM screen sets will be enabled.

If you upgrade from version 4.0 with a Staccato FM license to version 4.1, the following screen sets will be activated: Turbo FM, Staccato 20, and Staccato 25 screen sets.

Availability of Screen Set Passwords for Creo CTP Devices				
Device	Staccato 25 series	Staccato 20 series	Staccato 10 series	Turbo FM
Trendsetter 800	Staccato 25	Not available	Not available	Not available
Lotem 800 Fiber Head	Staccato 25	Not available	Not available	Turbo FM license
Lotem 800 2 (TH2)	Staccato 25	Not available	Not available	Not available
TS 800 Quantum S/F/V	Staccato 20	Staccato 20 (included in the delivery kit)	Staccato 10	Not available
Lotem 800 Quantum F/V	Staccato 20	Staccato 20 (included in the delivery kit)	Staccato 10	Not available
Trendsetter VLF Packaging, F	Staccato 25	Not available	Not available	Not available
Trendsetter/Lotem VLF Quantum F/V	Staccato 20	Staccato 20 (included in the delivery kit)	Staccato 10	Not available
Lotem400 S/F	Staccato 25	Not available	Not available	Turbo FM license
Lotem400 Quantum	Staccato 20	Staccato 20 (included in the delivery kit)	Staccato 10	Not available
Trendsetter 400 S	Staccato 25	Not available	Not available	Not available
Trendsetter 400 Quantum V	Staccato 20	Staccato 20 (included in the delivery kit)	Staccato 10	Not available
Proofsetter	Staccato 25	Not available	Not available	Not available

Screen Set Passwords Available to Creo CTP Devices (cont'd)				
Device	Staccato 25 series	Staccato 20 series	Staccato 10 series	Turbo FM
Dolev	Not available	Not available	Not available	Free without password
ThermoFlex Narrow S/F and ThermoFlex 4045 S/F	Currently unavailable. Awaiting approval.	Not available	Not available	Turbo FM license
ThermoFlex Wide 3648 F/V, ThermoFlex Wide 4260 F/V, ThermoFlex Wide 5280 F/V.	Currently unavailable. Awaiting approval.	Not available	Not available	Turbo FM license
Trendsetter News 50/ 70/100/150/200/B1	Staccato 25	Not available	Not available	Not available
Trendsetter News 70c/ B1c	Staccato 25	Staccato 20	Not available	Not available
Screen2Go	Staccato 25	Staccato 20	Staccato 10	Turbo FM license

Color Combiner Option

This option is suitable for AM screens only and is supported by the following devices:

- Trendsetter 800 with Spectrum
- Trendsetter 400 with Spectrum
- Proofsetter Spectrum
- Lotem 800 Quantum Spectrum CTP

Color Combiner is an alternative to the Brisque classic color engine for simulating spot colors on digital halftone devices. Color Combiner uses a new array of CMYK dots that creates a smoother spot vignette and improves the hue and halftone dot structure of spot colors. Color Combiner technology, used together with Staccato screening and a matching CMYK combination, produces proofs that accurately reflect the printed output.

Use Color Combiner technology with:

- The screen you selected in the CTP/CTF operation
- A CMYK combination for the spot color
- ICC profiles, which provide maximum color space simulation of the final target and give a more accurate match for spot colors within the gamut of a proofing device. In addition to the CMYK combination, you can use a Lab spot library.

Color Combiner has the following limitations:

- Colors must be within the color gamut of the proofing device. For example, you cannot arbitrarily produce a brighter red. You may only produce a best approximation of colors outside the color gamut of the proofing device.
- On the Trendsetter Spectrum, you can only use Color Combiner effectively for AM spot color screens up to and including 175 lpi.
- If you use one set of media, in areas where there are many overprints, you may run out of donor pigment. For example, if a solid CMYK 10-60-80-10 spot simulation overprints a solid CMYK 10-80-10-5 spot, the magenta will be maximized at 100, instead of 140.
- Color Combiner should only be used on Staccato-qualified halftone proofing media for halftone proofing.



For information on Staccato-qualified halftone proofing media, ask your Customer Support Center or go to *http://techplanet.creo.com/color_screening_calibration/staccato/content/troubleshooting/proof_media_popup.htm*

For operating procedures, refer to the relevant section for each device later in this book.



Note: Using the Color Combiner option increases the proof processing time.

How Color Combiner Effects Spot Colors

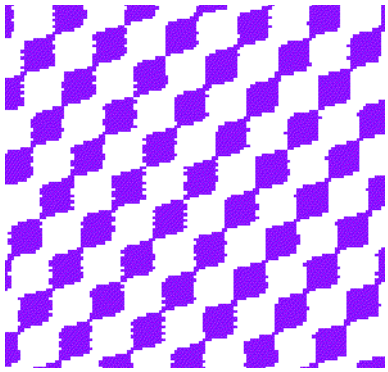
Simulated AM screens created on proof devices may show poor spot color quality and screen moiré. To improve the reproduction of the spot color, the Color Combiner option applies the Staccato random dot structure used in FM screens to the spot color areas of the AM screen.

The following images give a graphical representation of the effect of the Color Combiner option.

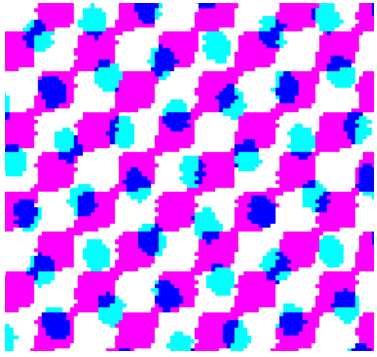
The original image.



AM screen of a purple spot printed on an offset printer.

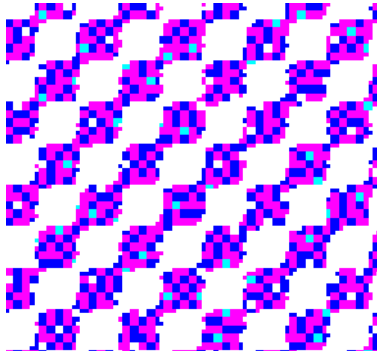


Proof of the AM screen without the Color Combiner option activated.



The purple spot is created from an equal and pre-defined distribution of cyan and magenta.

Proof of the AM screen with the Color Combiner option activated.



Cyan and magenta are dispersed at random and in varying proportions.

Screen2Go

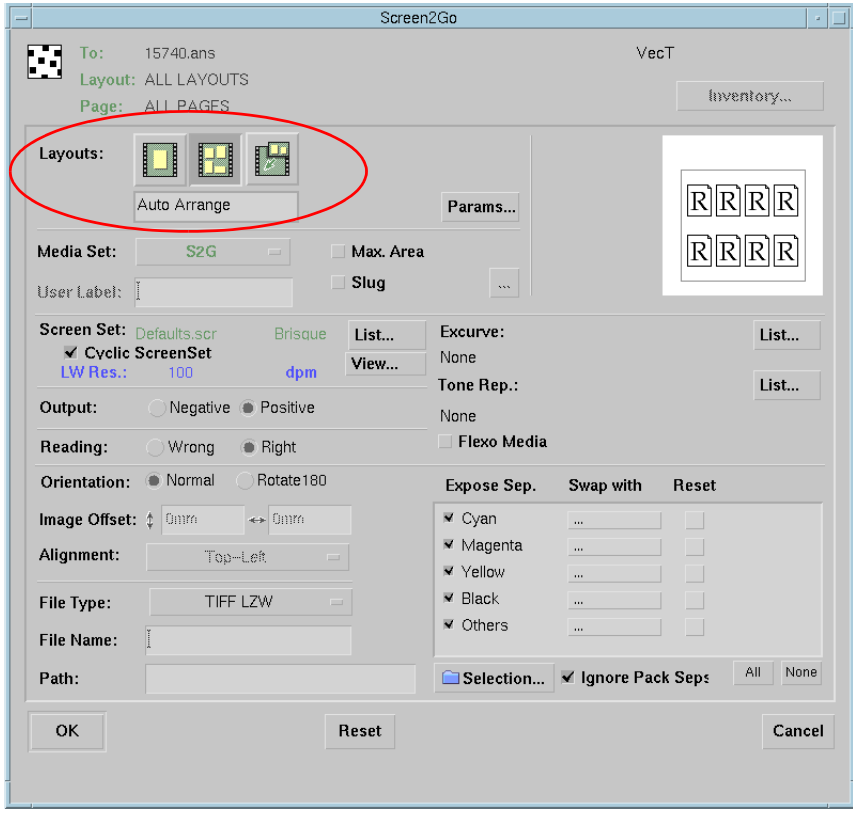
Auto Arrange Layout Option

Screen2Go now includes the Auto Arrange layout option.

To activate the Auto Arrange layout option:

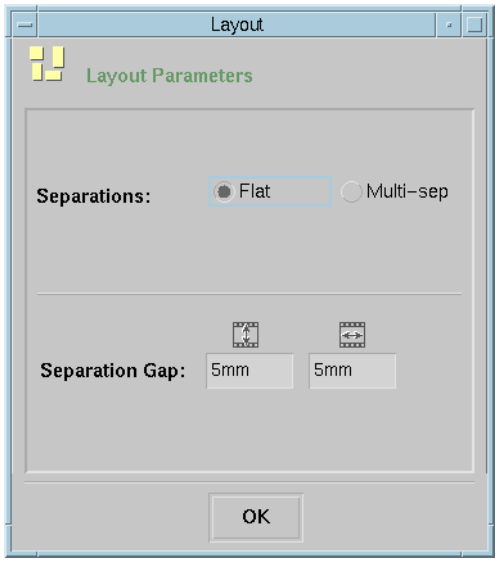
1. In the **Layouts** box, select **Auto Arrange**.

   The **Params...** button is activated.



2. Click the **Params...** button.

   The Layout Parameters dialog box appears.



3. Select a separation option button from **Flat** and **Multi-Sep** and type the dimensions for the **Separation Gap**.

Uncompress Option

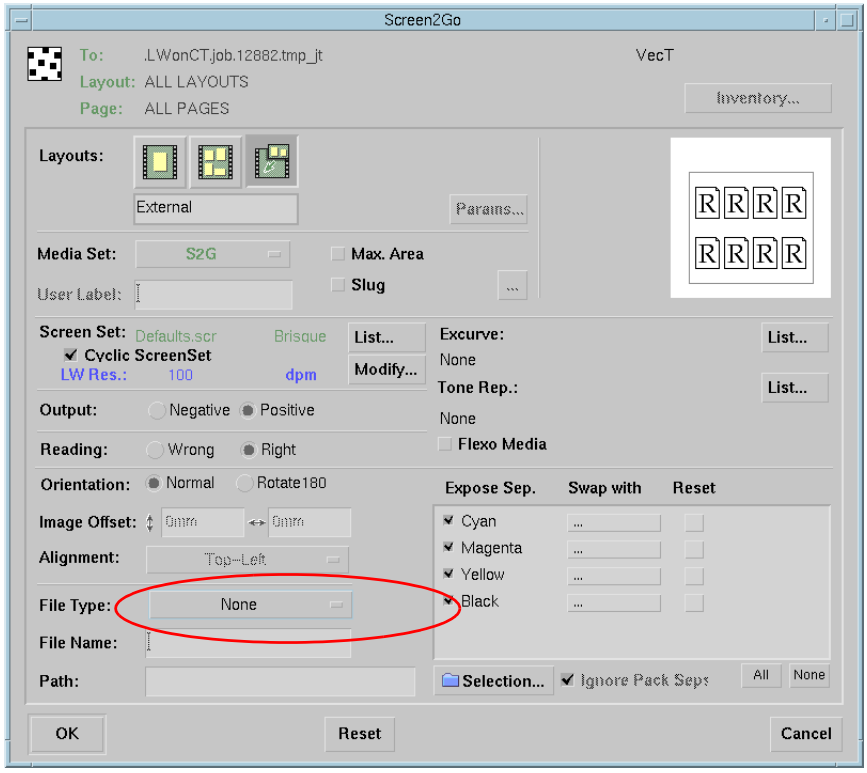
You can now choose to produce files in an uncompressed format.



Note: Only use this option if your output station does not support a compressed Tiff file.

To produce your file in an uncompressed format:

➢ In the **File Type** box, select **None**.



Output File Name Convention

The name of the bitmap created by Screen2Go is now based on the imposition layout name. The convention is as follows:

KoKo-S1-W1-B0.l

where:

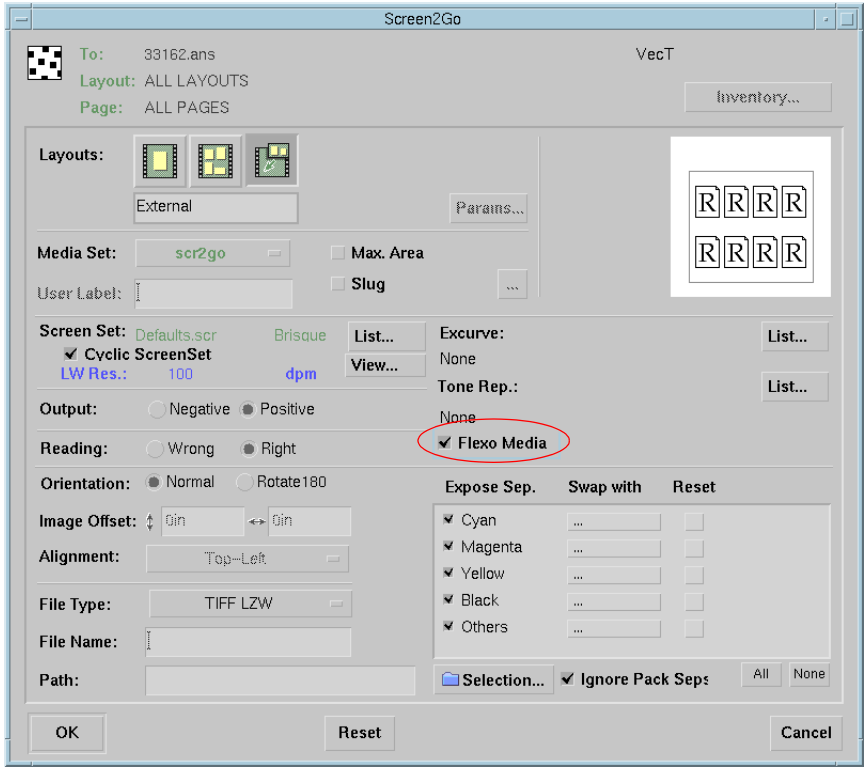
Koko = job name

S1= sheet name and sheet number

W1= web name and web number

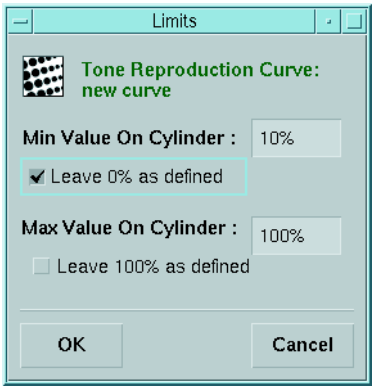
Flexo Media Option

The Screen2Go dialog box contains a new option named **Flexo Media**. Selecting the option improves the smoothness of the appearance of the vignette. The Flexo Media option, when used with the Tone Reproduction parameter **Min Value on Cylinder** set to its lowest limit, improves the smoothness of vignettes in the highlighted areas by significantly reducing the effect of 'washout dots' due to Flexo media characteristics.



The Flexo Media option provides visible results only if you perform the following steps:

1. In the Limits dialog box, select the **Leave 0% as defined** check box.
2. In the **Min Value on Cylinder** box, type the lower percentage limit derived from exposing the test strip without tone reproduction.



Note: The **Min Value On Cylinder** box applies to Flexo and relates to minimum dot limitations. The **Max Value On Cylinder** box has been added for the Gravure process because of wall size limitations.

Handling Overlapping Elements in Imposition Jobs

Brisque offers two options for handling overlapping elements in an imposition job, **Pages Overlap** in the Output Preferences dialog and **Error Handling** in Imposition Check. Both methods are explained in this section.

Pages Overlap Option

Pages Overlap is a new option in the Output Preferences dialog box for the Proof, Expose and Plate Expose applications. This option enables you to define the system response to a page overlap in an imposition job. Choose from:

- **Abort**: When a page overlap is detected the process is aborted.
- **Prompt User**: When a page overlap is detected, the system will prompt you to make a decision to continue or abort each time there is a page overlap. If the system does not receive a response, it automatically aborts the process. Set the number of seconds that the system will wait for a response before it aborts the process.
- **Continue**: When a page overlap is detected, the process will continue.



Note: It is not recommended to continue when a page overlap has been detected because the output is unpredictable.

Error Handling Option

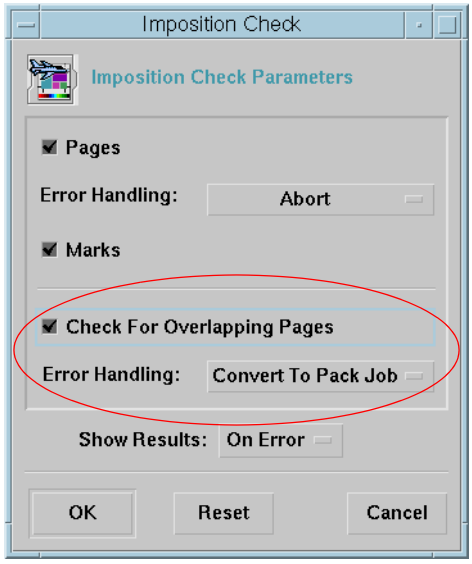
Whenever there is a possibility of overlapping elements in an imposition job, it is recommended that you use the **Errror Handling** option in Imposition Check. When selected, this option automatically converts a job that has overlapping elements into a Packaging job.

To check for overlapping pages in Impocheck:

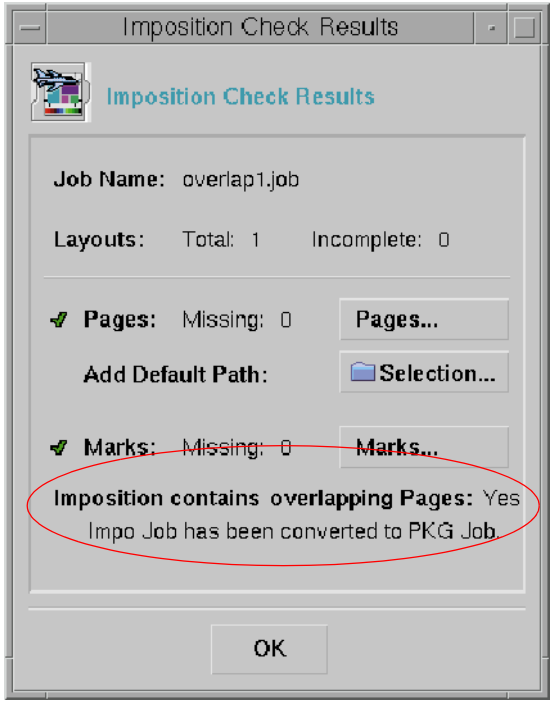
1. In the Imposition Check dialog box, select the **Check For Overlapping Pages** check box.

   The system checks for overlapping pages.

2. In the **Error Handling** box, select either **Abort**, to abort the operation if overlapping pages are found, or **Convert to Pack Job.** If you choose **Convert to Pack Job**, the job is placed in a folder created by Imposition Check named Converted_To _Pack_Job.

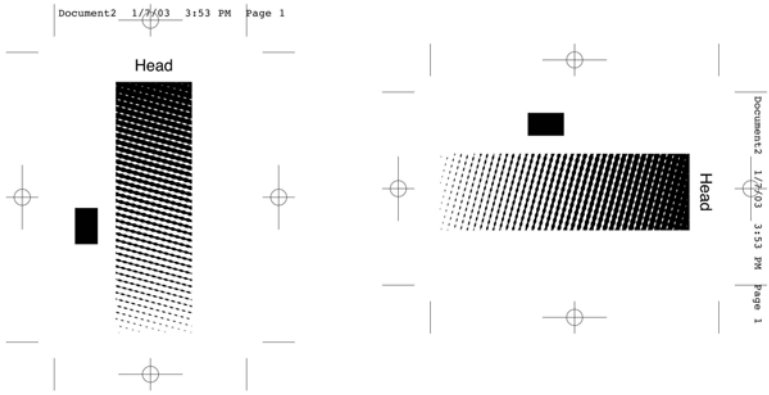


The result is shown in the Imposition Check Results dialog box.



Automatic Rotation of Screen Set Angles

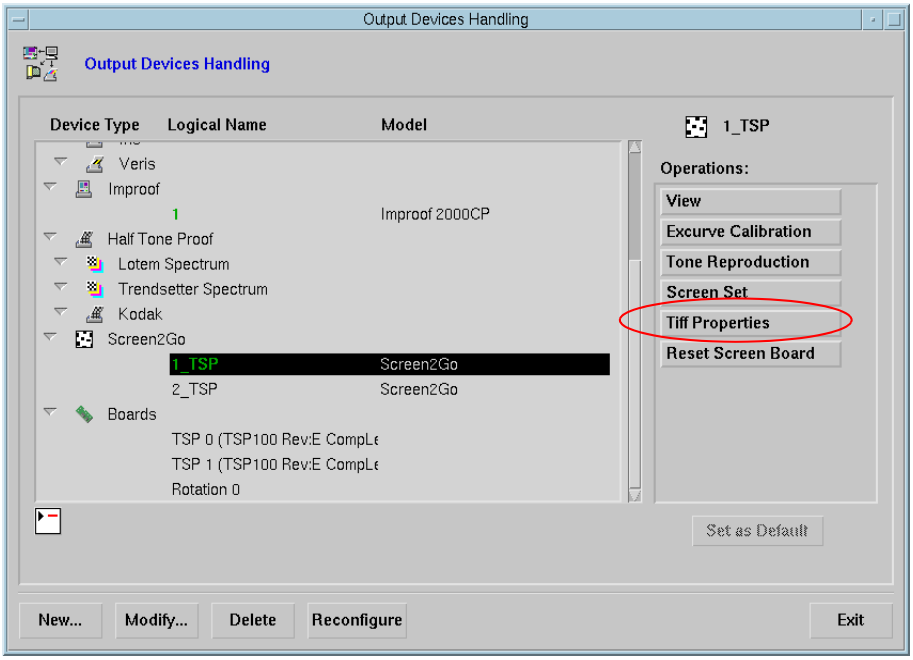
This feature ensures that the screen set angle in the proof is identical to the screen set angle on the plate. When you print with a screen set, an image that is rotated 90 degrees either on the fly or in a previous operation (for example, Layout Assembly or Preps), the screen set angles will automatically rotate 90 degrees.



TIFF Properties Option

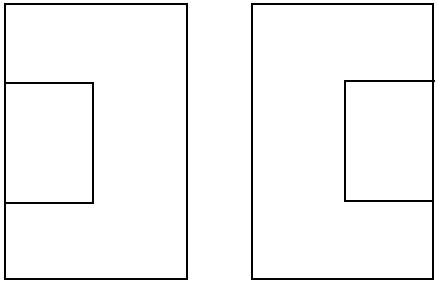
Note: This option is intended for Creo Engineers only.

Tiff Properties is a new option in the Output Devices Handling dialog box. The option enables you to control the stripping and tiling when a TIFF file is created. The default settings are recommended. If the default settings are not suitable, consult your Creo Service Engineer.



Alignment in Plate Expose

Two new alignment options are available to the Trendsetter family of output devices. The options apply to plates that must be loaded in a portrait orientation:



Left Center

Right Center

Modifying the Home Format



Note: This option is available in Expose, Plate Expose and Screen2Go.

A confirmation message appears to prevent you from modifying the home format. If you modify **Home format** and click **Save as**, the following confirmation message appears:

```
This screen set was developed and tested for your device.
In order to obtain satisfactory results we recommend that
you use the supplied screen sets. Are you sure you want to
modify the screen set?
Continue Abort
```

A screen set defined as **Home format** appears in green font. All other screen sets appear in black.

Printing the Version Name



Note: This option is available in Expose, Plate Expose and Screen2Go.

In the Marks dialog box, the option **Sep. Name** has been changed to **Sep. Name & Version Name**. Select this option to print the name of the separation and the version on the media.

Plate Sort in the Queue Option

This **Plate Sort in the Queue** option works with multicasette unit platesetters and single cassette platesetters.

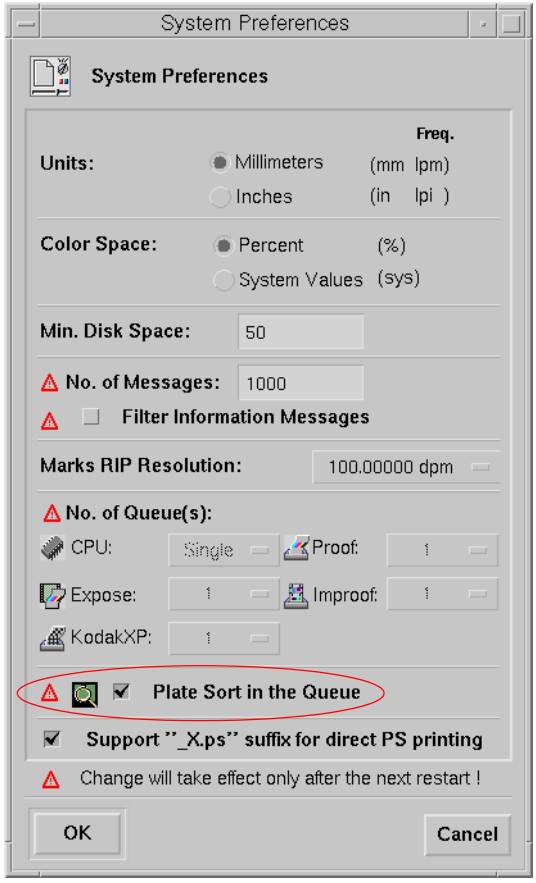
Jobs are sorted in the Queue Manager according to their plate size before they are sent to Expose. This reduces the number of times the cassette must be replaced between jobs and therefore the total processing time.

For example, if the first plate in the queue is plate size A, the second plate is plate size B, and the third plate is plate 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.

To activate the feature:

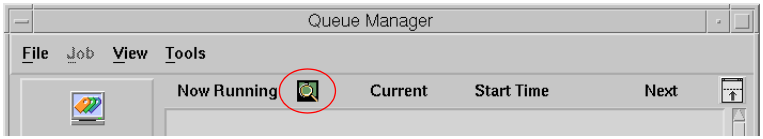
1. In the System Preferences dialog box, select the **Plate Sort in the Queue** check box.

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 Queue Manager remains unchanged.



2. Restart the system.

   The Queue Manager icon flashes in the Queue Manager to indicate that the Sort Plate Size option has been activated.



Device Handling Dialog Box

Lotem Calibration Option

In the Device Handling dialog box, the Lotem calibration operation is no longer available for Lotem Quantum devices. Calibration of the Lotem Quantum devices is performed on the Lotem PC Controller.

Enhanced Trendsetter Connectivity

You can connect a new Trendsetter with an MCE interface using two methods of communication, SCSI or TSP.



The communication method available to your device is visible in Print Console. If your system configuration does not include an MCE interface, your system will support SCSI only.



For more information, see the *Print Console 2.1 Online Help*.

Machine Timeout Option

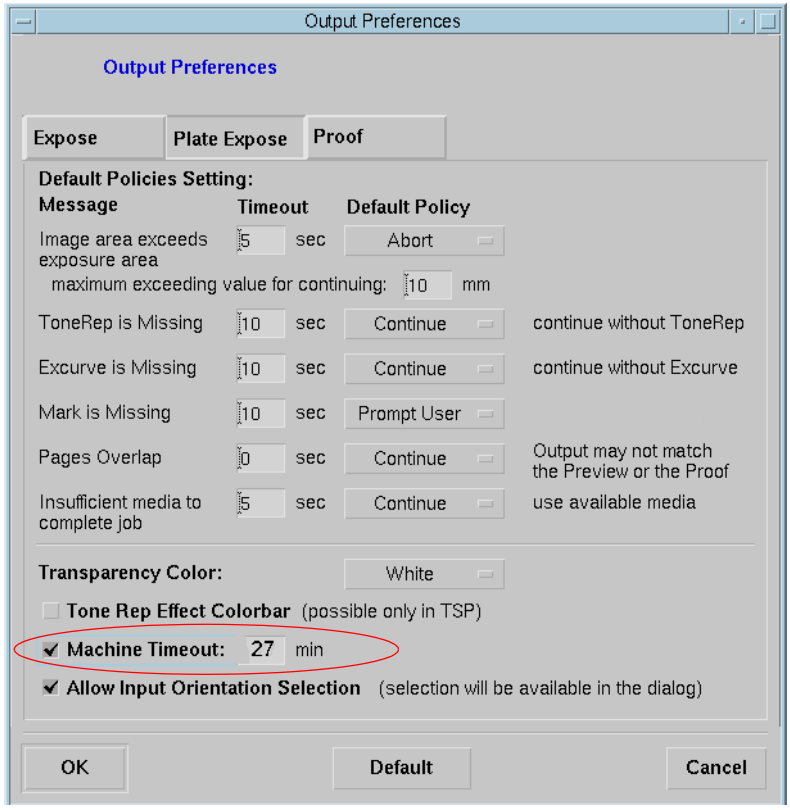
The **Machine Timeout** option enables you to define the time that the Trendsetter waits for a plate to be manually loaded after it receives a job. If the plate is not loaded within the defined time, the job is aborted. The setting also applies to completed jobs whose plates must be manually unloaded. That is, if a plate is not unloaded within the defined time after the job is completed, the job is aborted. The minimum timeout for the Trendsetter is 27 minutes. This option applies to all Trendsetter devices.



Note: There is no maximum timeout.

To modify the timeout parameter:

1. In the Output Preferences dialog box, select the **Machine Timeout** check box.



2. Type the number of minutes in the box.

Trendsetter News Device

The Trendsetter News has two Expose modes:

Express: In this mode, if there is only one separation in the queue and two plates are loaded, the device will image the single separation and then unload the two plates. It will not wait for another separation.

Economy: In this mode, the device will wait till both plates have been imaged before unloading. If there is only one separation in the queue, the device will wait for another separation to arrive.



Note: This option appears only when you configure Brisque for the Trendsetter News device.

Support for Trendsetter V 4-up, 8-up and VLF Devices

The Trendsetter 4-up, 8-up and VLF models contain the V speed hardware option.The Trendsetter V type uses two TSP (70) screen processors to provide excellent performance.

Trendsetter Spectrum

Version 4.1 introduces new color matching features to the Trendsetter Spectrum that dramatically improve performance and quality. These new features are described in this section.

Selecting Multiple Screen Sets



Notes:

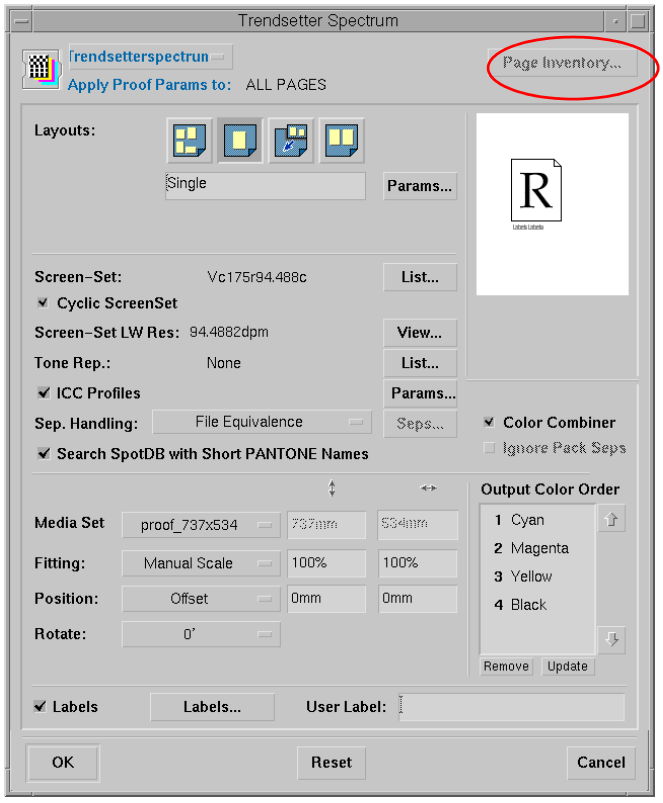
• If you use a Staccato screen, you cannot select more than one screen per layout.

• The **Tone rep not effect color bar** option does not work when you use Staccato screening.

You can now select up to four screen sets for each media sheet. In previous versions you were limited to one screen set per sheet. This enhancement applies to **Auto Arrange** and **External** modes.

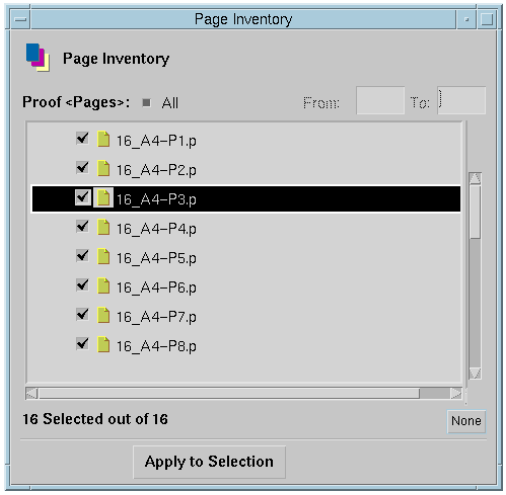
To select multiple screen sets:

1. Drag a multiple page job onto the icon for the device.



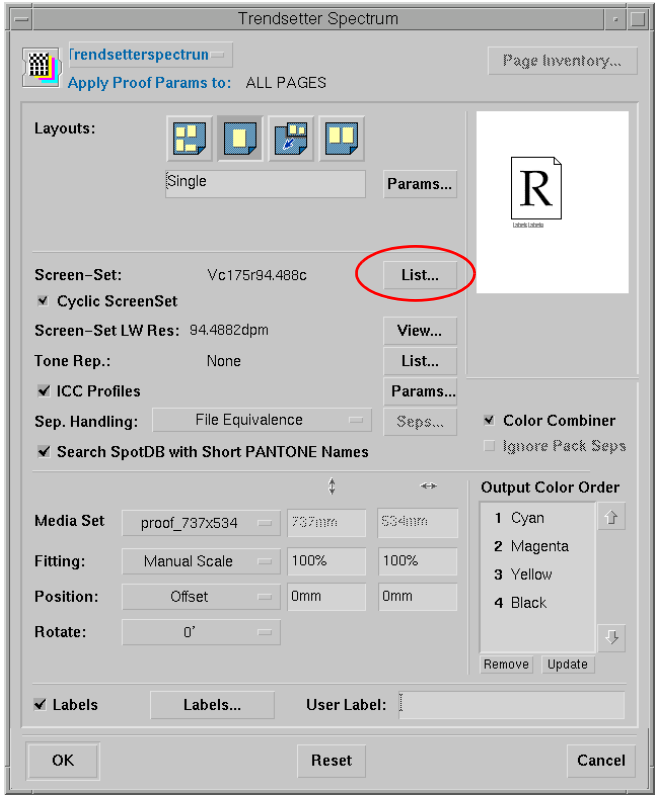
2. Click **Page Inventory.**

   The Page Inventory dialog box appears.

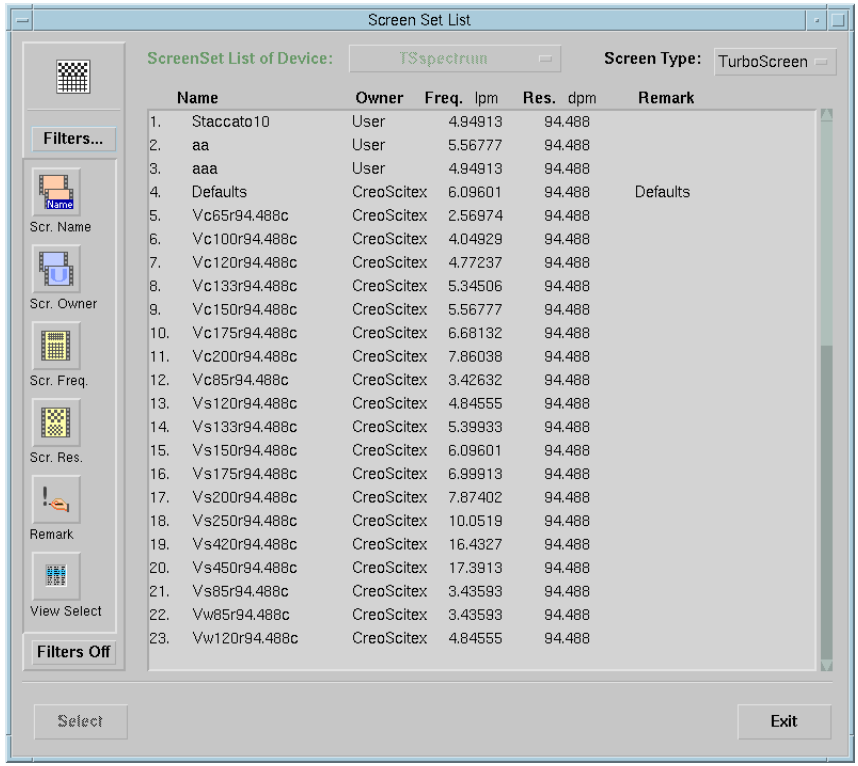


3. In the Page Inventory dialog box, click the required page.

4. Click the **List** button, that is to the right of the **Screen-Set**.



The Screen Set List dialog box appears. It shows all the available screen sets.



	Name	Owner	Freq. lpm	Res. dpm	Remark
1.	Staccato10	User	4.94913	94.488	
2.	aa	User	5.56777	94.488	
3.	aaa	User	4.94913	94.488	
4.	Defaults	CreoScitex	6.09601	94.488	Defaults
5.	Vc65r94.488c	CreoScitex	2.56974	94.488	
6.	Vc100r94.488c	CreoScitex	4.04929	94.488	
7.	Vc120r94.488c	CreoScitex	4.77237	94.488	
8.	Vc133r94.488c	CreoScitex	5.34506	94.488	
9.	Vc150r94.488c	CreoScitex	5.56777	94.488	
10.	Vc175r94.488c	CreoScitex	6.68132	94.488	
11.	Vc200r94.488c	CreoScitex	7.86038	94.488	
12.	Vc85r94.488c	CreoScitex	3.42632	94.488	
13.	Vs120r94.488c	CreoScitex	4.84555	94.488	
14.	Vs133r94.488c	CreoScitex	5.39933	94.488	
15.	Vs150r94.488c	CreoScitex	6.09601	94.488	
16.	Vs175r94.488c	CreoScitex	6.99913	94.488	
17.	Vs200r94.488c	CreoScitex	7.87402	94.488	
18.	Vs250r94.488c	CreoScitex	10.0519	94.488	
19.	Vs420r94.488c	CreoScitex	16.4327	94.488	
20.	Vs450r94.488c	CreoScitex	17.3913	94.488	
21.	Vs85r94.488c	CreoScitex	3.43593	94.488	
22.	Vw85r94.488c	CreoScitex	3.43593	94.488	
23.	Vw120r94.488c	CreoScitex	4.84555	94.488	

5. From the list, select a screen set, and click **Select**.
6. In the Page Inventory dialog box, click the **Apply to Selection** button. The screen set is applied to the selected page.

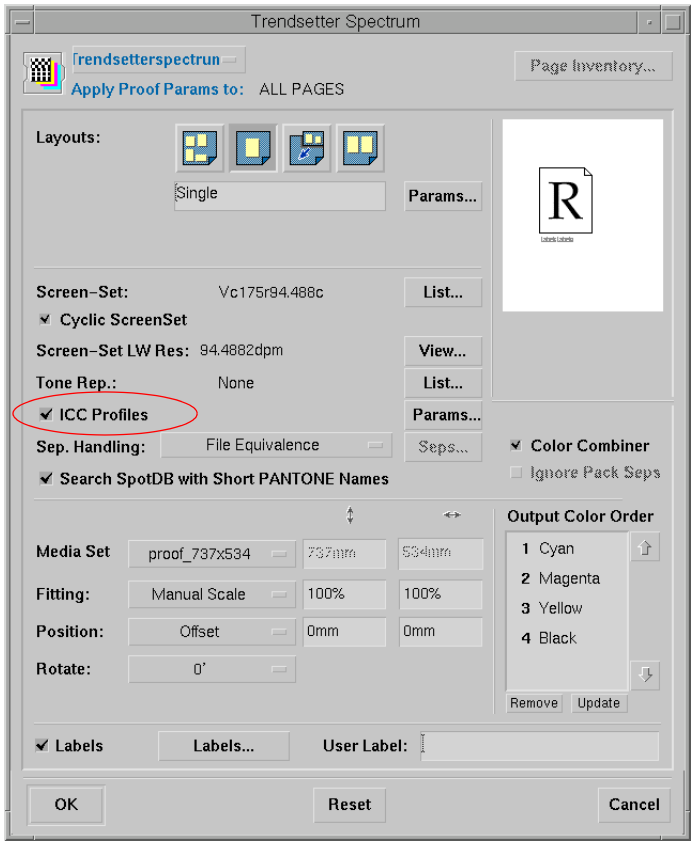
   In the Trendsetter Spectrum dialog box, the name of the selected screen set appears in the **Screen-Set** box.

Support for ICC Profiles

The Trendsetter Spectrum now supports ICC profiles. ICC profiles enable you to simulate other proof or press color characteristics on your proofing device.

To use ICC profiles:

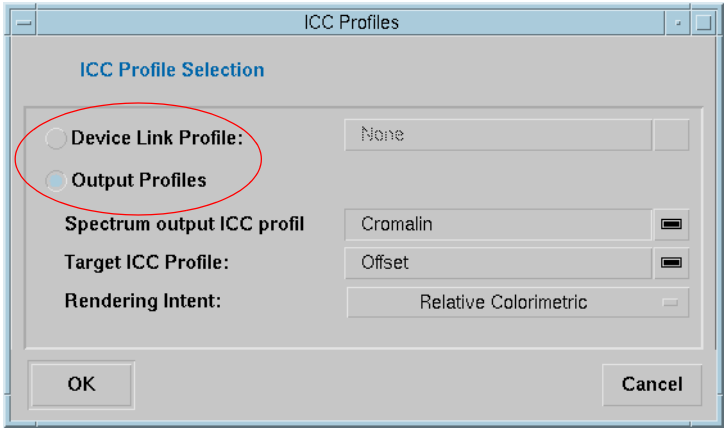
1. From the Trendsetter Spectrum dialog box, select the **ICC Profiles** check box.



A message appears instructing you to click the **Params...** button.

2. Click the **Params...** button.

   The ICC Profiles dialog box appears.



3. Select either the **Device Link Profile** option button or the **Output Profiles** option button.

   If you select the **Device Link Profile** option button, select a Device Link Profile from the list and click **OK**. If you select the **Output Profiles** option button, go on to the next step.

4. In the **Spectrum output ICC Profile** box, select the ICC profile for your proofing device from the list.

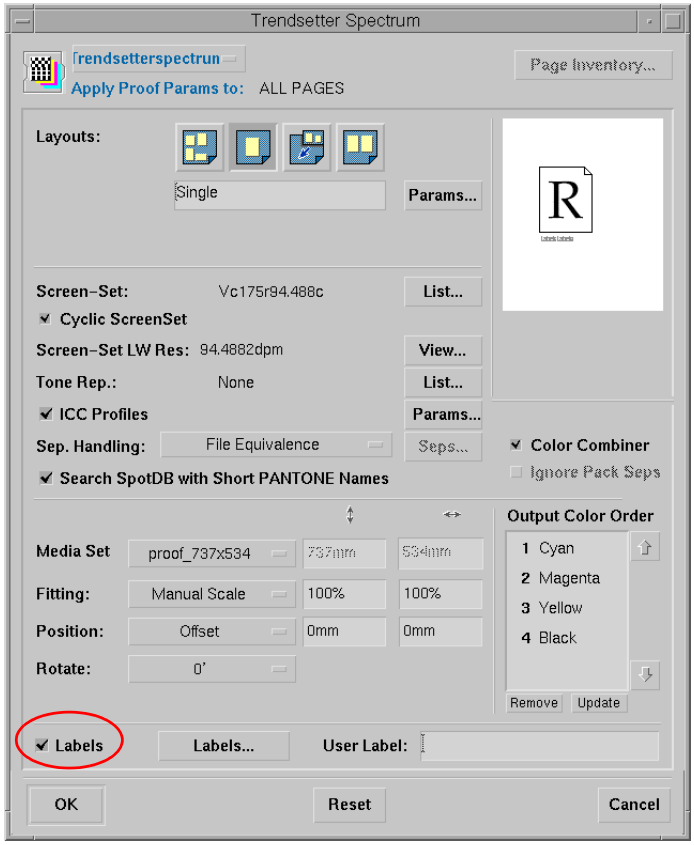
5. In the **Target ICC Profile** box, select the ICC profile of the device you want to simulate.

6. In the **Rendering Intent** box, select the rendering intent form the list.

7. Click **OK**.

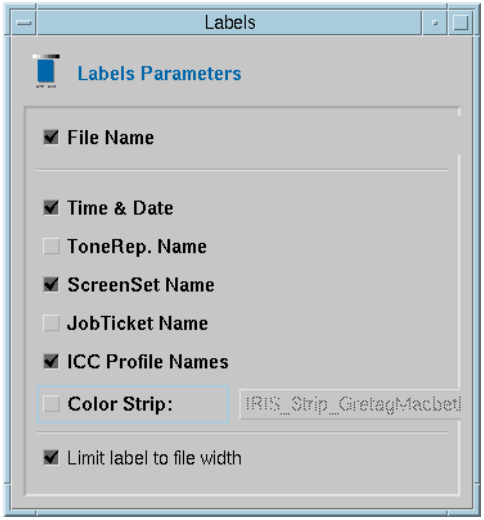
To print the name of the ICC profile on your hard proof:

1. In the TrendSetter Spectrum dialog box, select the **Labels** check box. The Labels button is activated.



2. Click the **Labels** button.

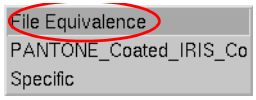
The Labels dialog box appears.



3. Select the **ICC Profile Names** check box.

Enhanced Separation Handling

In the **Sep. Handling** menu, the **All to process** option is now named **File Equivalence**. The functionality remains the same.



You can use CMYK combinations for your spot separations. You can choose from a choice of spot libraries that are located in the spot database.

You can either assign one library to all the spot separations in your job, or select a library for each spot. You can also assign one or more spots to a process donor.

To assign one spot library to all the spot separations

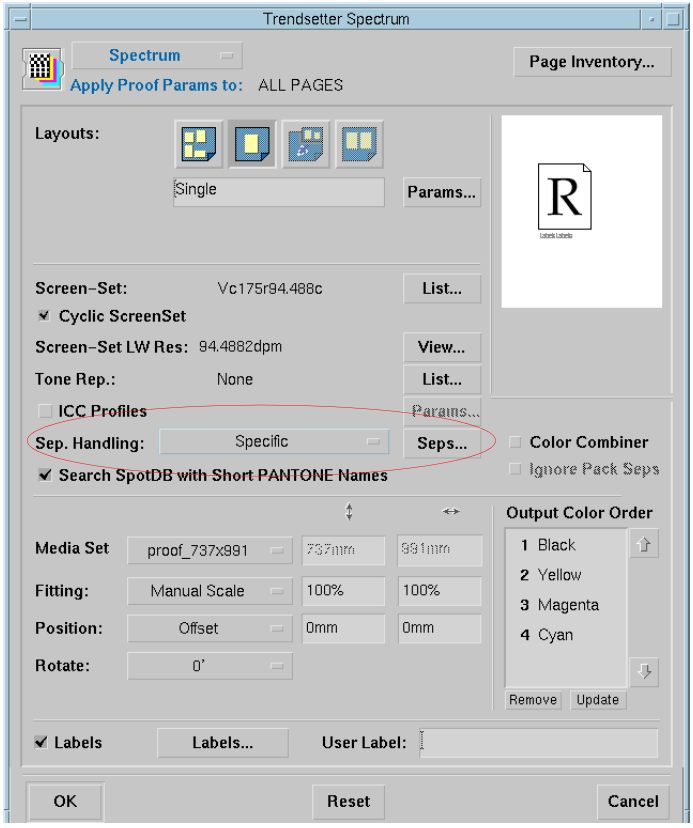
➢ In the **Sep. Handling** box, select a spot library from the list.

For more information about the spot database, see the *Brisque Proof User Guide, Chapter 6, 399Z8H255E*.

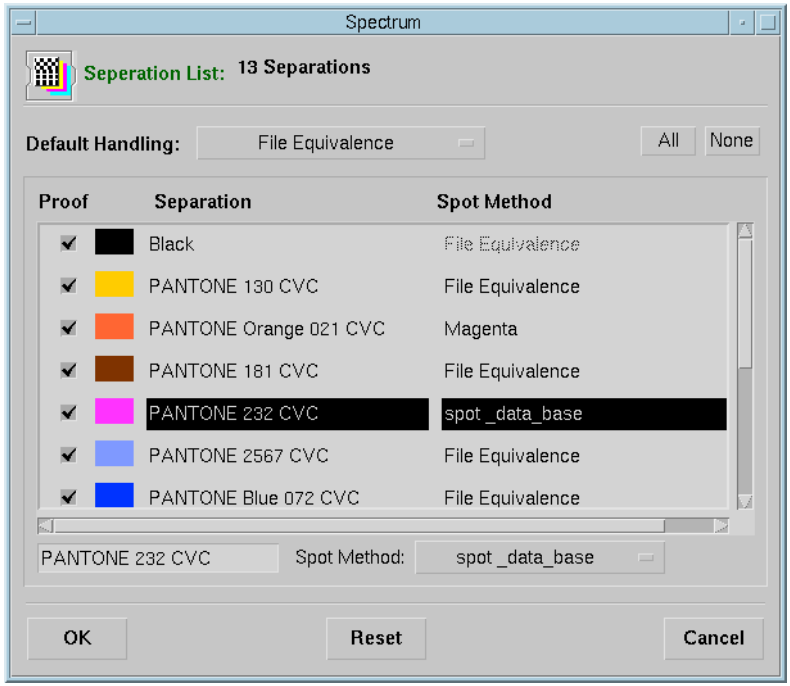
To assign different spot libraries to each spot separation:

1. In the **Sep. Handling** box, select **Specific**.

   The **Seps...** button is activated.



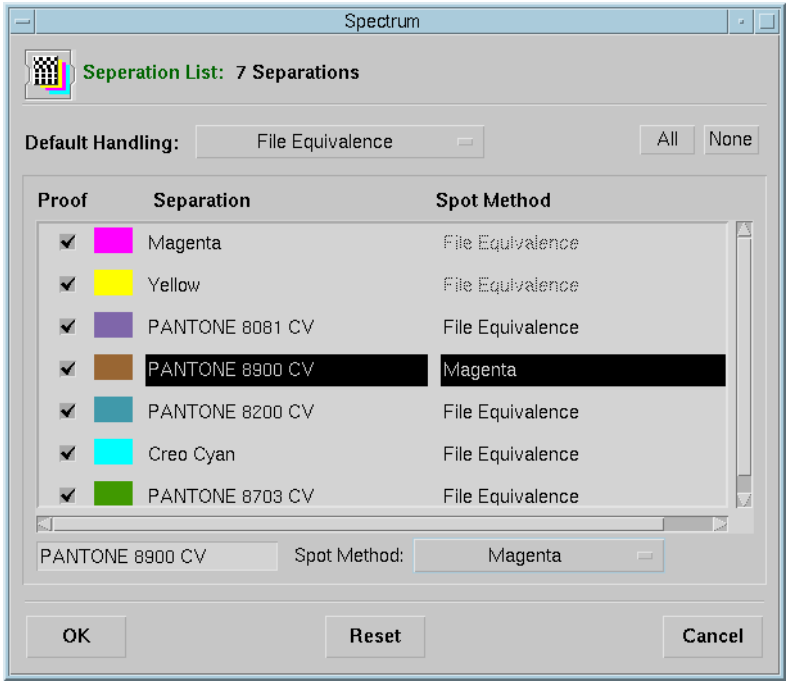
2. Click the **Seps...** button.



3. Assign a library for each spot separation.

To assign one or more spots to a process donor:

1. Follow steps 1 and 2 described in the previous procedure.



2. Assign one or more spots to a process donor.

PANTONE® 2000 Libraries

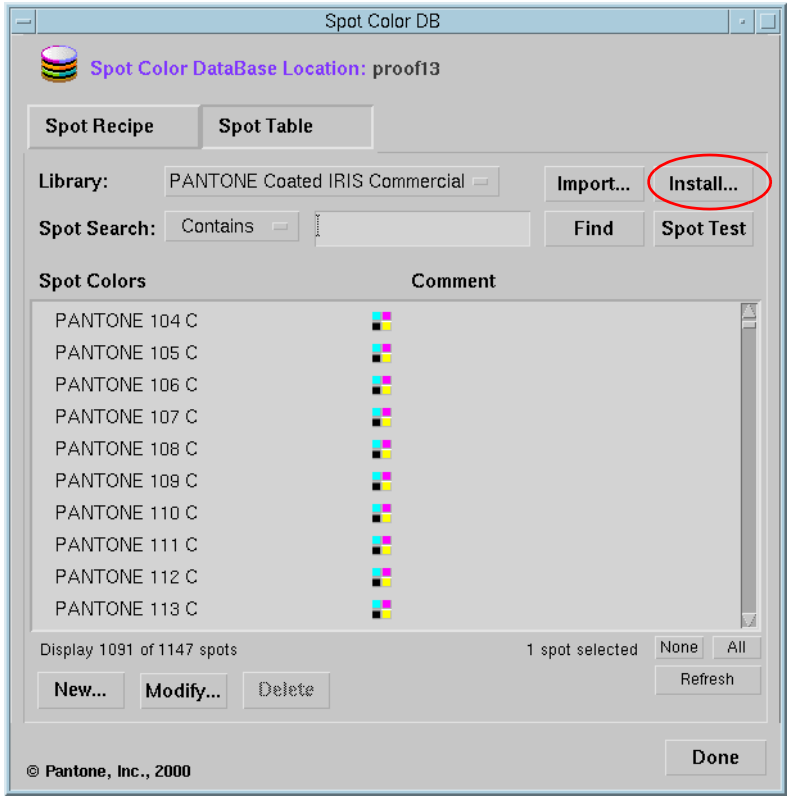
The following list of PANTONE® 2000 libraries has been added to the Spot database:

- PANTONE_Coated_IRIS_Commercial
- PANTONE_Coated
- PANTONE_Matte
- PANTONE_Proc_Coated
- PANTONE_Proc_Coated_PC
- PANTONE_Proc_Euro_Coated
- PANTONE_Proc_Uncoated
- PANTONE_Solid_to_Proc_Coated
- PANTONE_Uncoated

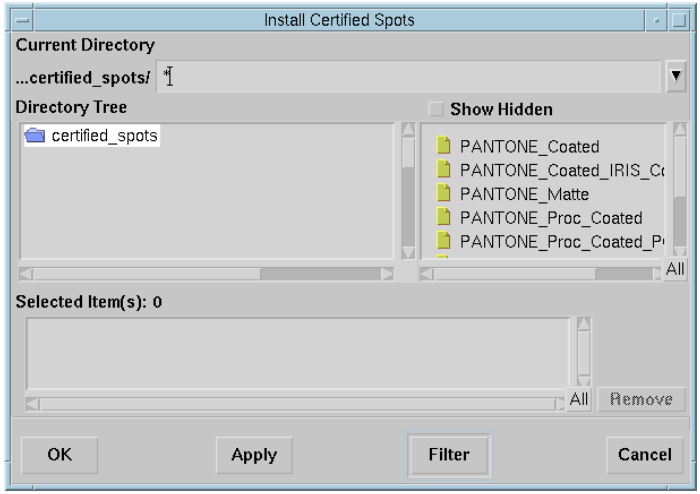
The libraries are supported by proofing and improofing devices and offer additional CMYK combinations for simulating spots on various devices and types of media.

To install the PANTONE 2000 libraries in Brisque:

1. From the Spot Color DB dialog box, select **Install**.



The Install Certified Spots dialog box appears.



2. Select a library.

   The installation process begins. It may take a few minutes.

Search SpotDB with Short PANTONE Names

The search option for PANTONE names in the spot database has been relocated from the Proof Preferences dialog box to the Proof dialog box of each proofing device. This change enables flexibility in setting the search parameters between proofing devices. When this option is selected, a search for the spot in the PANTONE library ignores the suffix of the spot name.

Limit Label to File Width Option



Notes:

This option is available to Trendsetter Spectrum devices only.

This option does not affect page or images placed using the new standalone Arrange application.

A new option, **Limit label to file width**, appears in all the proof device dialog boxes. When selected, the option limits the length of the label to the length of the image. If the check box is not selected, the label is not shortened and the gap between each image adjusts to the labels length.

Color Combiner Option

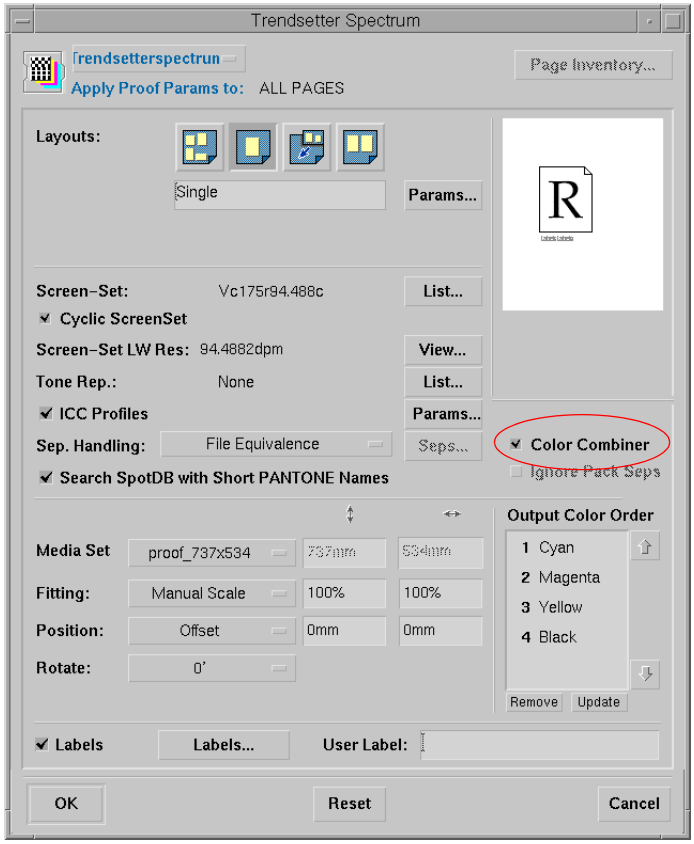
This section describes how to activate the Color Combiner option. Color Combiner will affect a spot separation when **File Equivalence** is selected in the **Sep. Handling** box.

For information about the advantages of the Color Combiner feature, see *Color Combiner Option* on page 6.

Note: This feature is also supported by the Lotem 800 Quantum with Spectrum.

To activate Color Combiner:

➢ In the TrendSetter Spectrum dialog box, check the **Color Combiner** check box.



Note: If you select **Tone Rep** and **Color Combiner**, Tone Rep is applied to the spot before the Color Combiner process begins.

Support for Multicassette Sort Feature

For more information, see *Plate Sort in the Queue Option* on page 19.

Lotem Quantum with Spectrum

Version 4.1 introduces two new features to the Lotem Quantum with Spectrum that improve color quality. The features are described in this section.

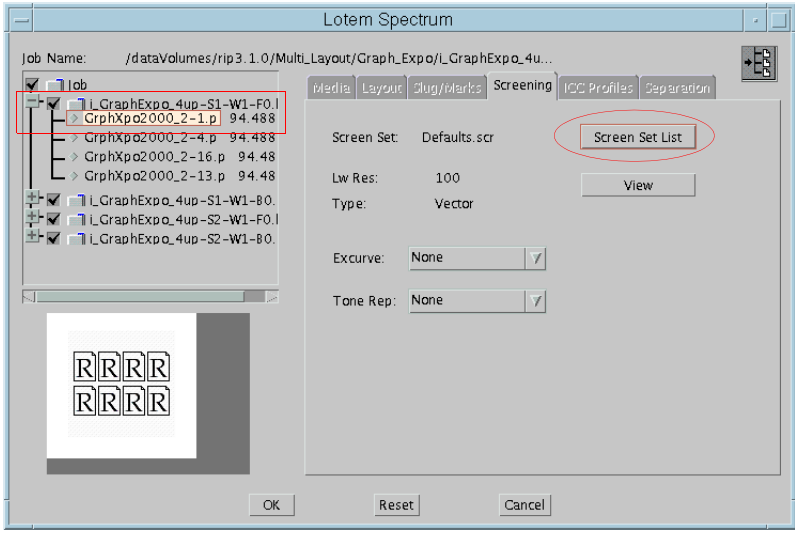
Selecting Multiple Screen Sets

Note: The **Tone rep not effect color bar** option does not work when you use Staccato screening.

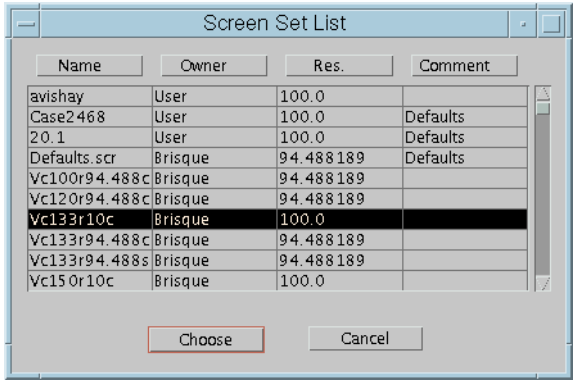
You can now select up to four screen sets for each media sheet. In previous versions you were limited to one screen set per sheet. This enhancement applies to **Auto Arrange** and **External** modes.

To select multiple screen sets:

1. Drag a multiple page job onto the device icon.
2. In the Lotem Spectrum dialog box, click on the layout or page that you want to assign a screen set.



3. Click the **Screen Set List** button.



4. From the screen set list, select a screen set for the page or layout and click **Choose**.

Support for ICC Profiles

The Lotem Quantum with Spectrum now supports the ICC Profile mechanism. The mechanism makes it possible to simulate other proof or press color characteristics on your proofing device. The ICC profiles can be transferred from a Macintosh to Brisque. This section explains how to transfer and use ICC profiles.

To transfer an ICC Profile from a Macintosh to the Brisque library:



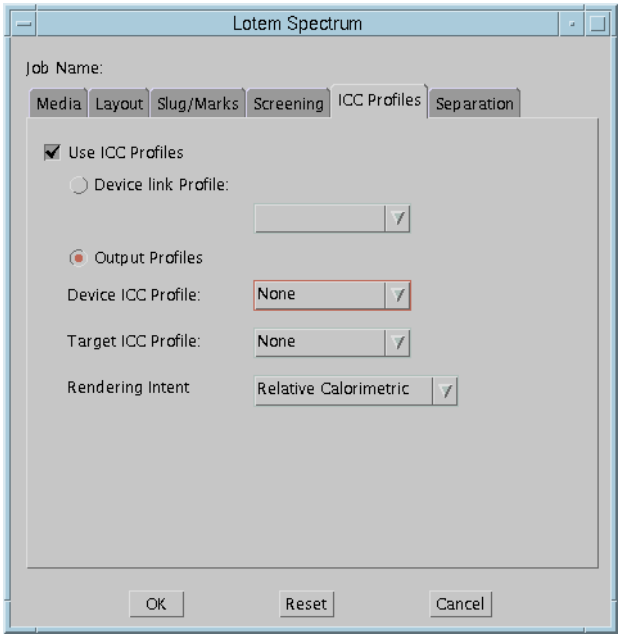
Note: The instructions below also apply to ICC Devices and Device - Link Profiles.

1. Mount the Brisque SharedItems folder on the Macintosh.
2. Select the SharedItems folder that contains the ICC_Profiles folder.
3. Drag the ICC_Profiles from the Macintosh onto the ICC_Profiles folder in the Brisque SharedItems folder.

You can now select the ICC profiles from the Lotem Spectrum dialog box.

To use ICC profiles:

1. From the Lotem Spectrum dialog box, select the **ICC Profile** tab.



2. Select the **ICC Profiles** check box.
3. Select either the **Device Link Profile** option button or the **Output Profiles** option button.

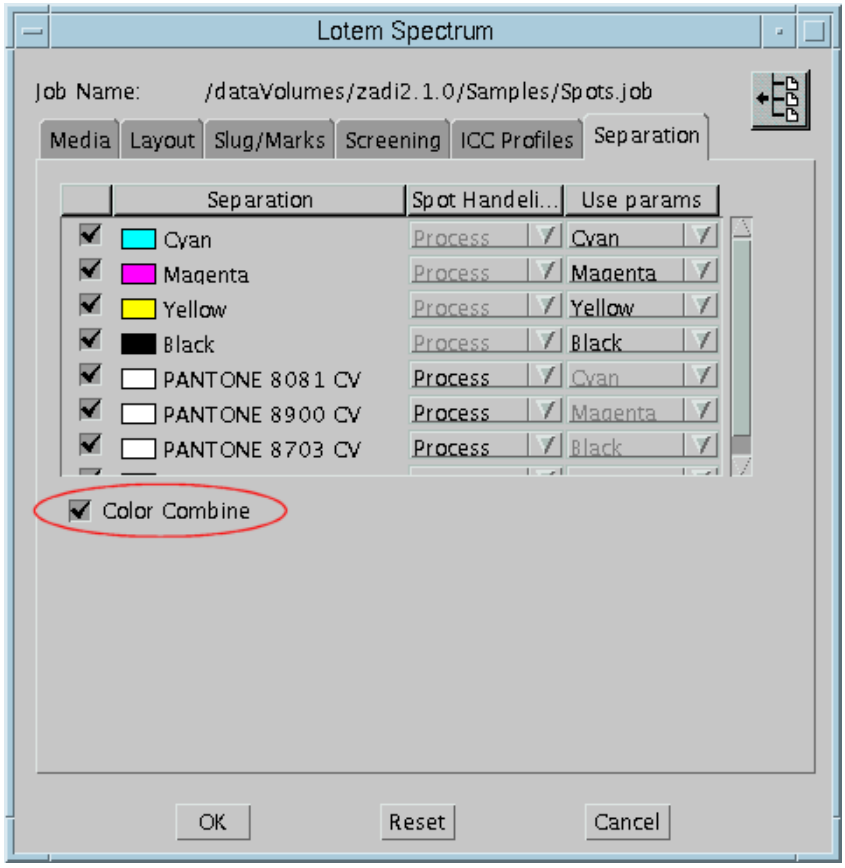
   If you select the **Device Link Profile** option button, select a Device Link Profile from the list and click **OK**. If you select the **Output Profiles** option button, go on to the next step.
4. In the **Device ICC Profile** box, select the ICC profile for your proofing device from the list.
5. In the **Target ICC Profile** box, select the ICC profile of the device you want to simulate.
6. In the **Rendering Intent** box, select the rendering intent from the list.

Color Combiner Option

The Lotem Quantum with Spectrum now supports Color Combiner.

To activate the Color Combiner option:

➢ On the Separation tab, select the **Color Combine** check box.



For more information about this feature, see *Color Combiner Option* on page 39.

4- Up Media Size Support

The Lotem Quantum Spectrum with Spectrum now supports the media size 4-Up.

Lotem with MCU Support

Brisque supports the Lotem with MCU.

Lotem 800 II Support

This version supports the Lotem II family.

For information on configuring your Lotem II device, see *Brisque to Lotem 800 II/Lotem Quantum Family 399ZIR762B*.

KodakXP4

Support for Staccato Screening

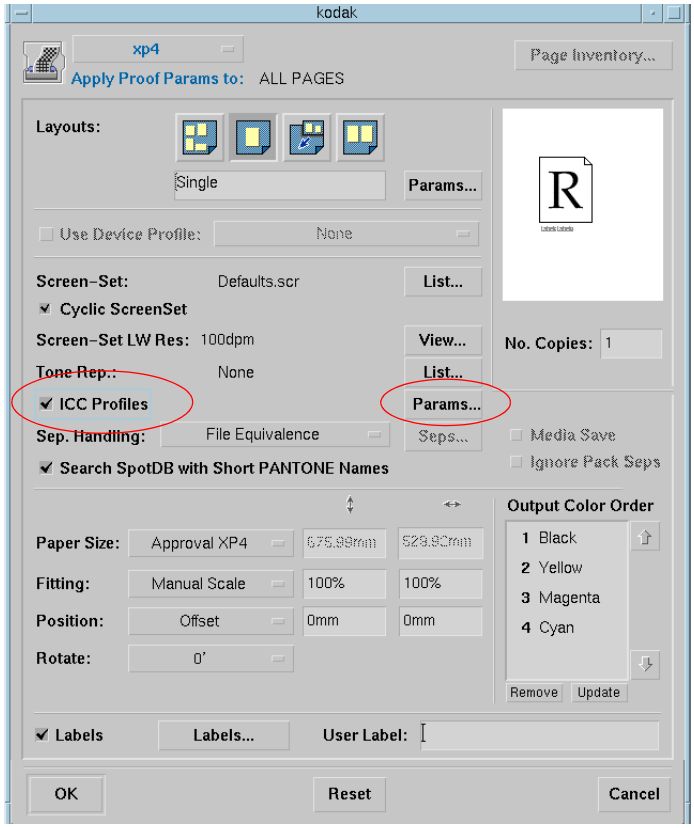
KodakXP4 supports Staccato screen sets 20 and 25.

Support for ICC Profiles

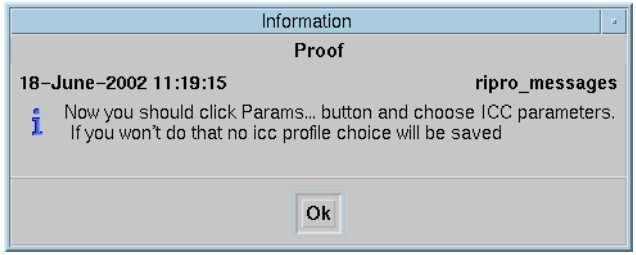
KodakXP4 now supports the ICC profile mechanism. You can select between a Device Link Profile or two separate ICC Profiles from the Brisque library of ICC profiles. You also have the option to print the name of the ICC profile on your hard proof.

To use ICC Profiles:

Note: You can transfer ICC Profiles from a Macintosh to Brisque. For more information, see page 41.

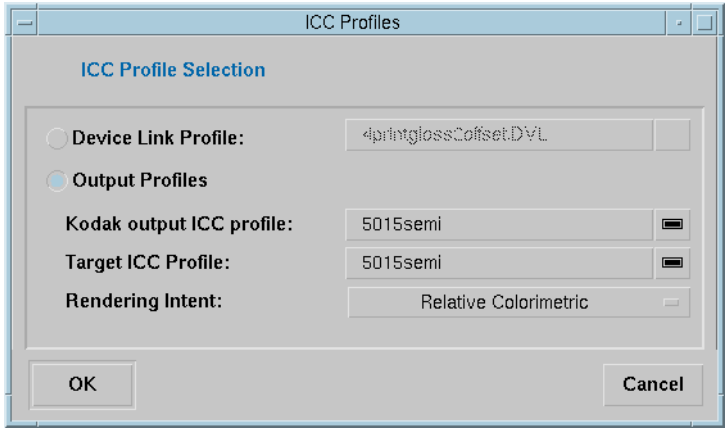


1. From the KodakXP4 dialog box, select the **ICC Profiles** check box. A message appears instructing you to click the **Params...** button.



2. Click the **Params...** button.

   The ICC Profiles dialog box appears.



3. Select either the **Output Profiles** option button or the **Device Link Profile** option button.

   If you select the **Device Link Profile** option button, select a Device Link Profile from the list and click **OK**. If you select the **Output Profiles** option button, complete the next steps.

4. In the **KodakXP4 Output ICC Profile**, select the ICC profile for your proofing device from the list.

5. In the **Target ICC Profile**, select the ICC Profile of the device to simulate.

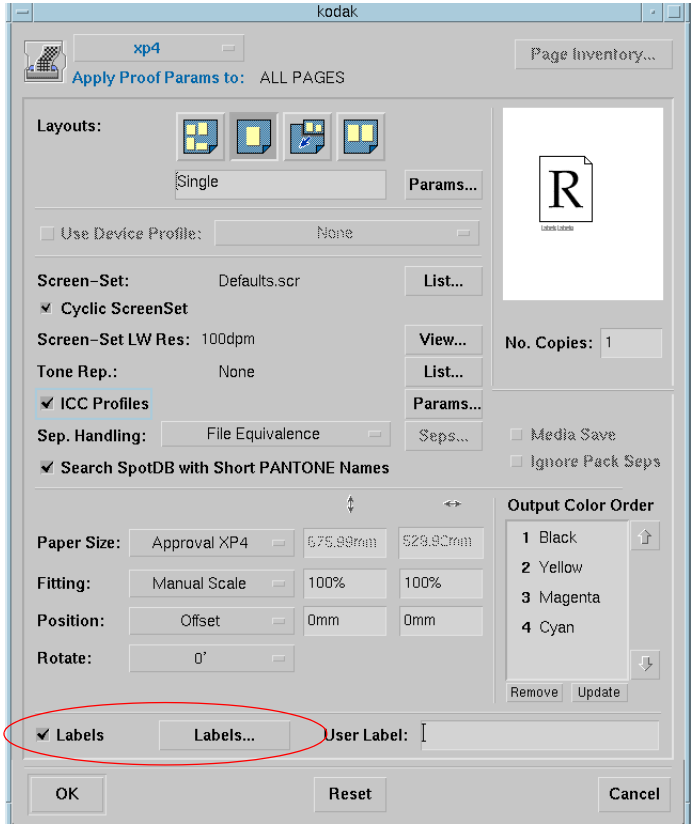
6. In the **Rendering Intent** box, select the rendering intent from the list.

7. Click **OK**.

To print the name of the ICC profile on your hard proof:

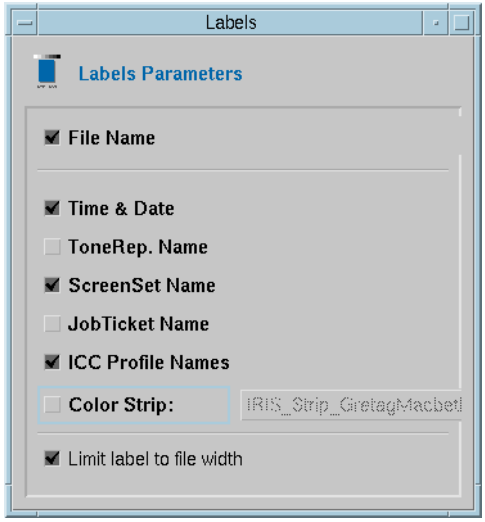
1. In the KodakXP4 dialog box, select the **Labels** check box.

   The **Labels...** button is activated.



2. Click the **Labels...** button.

   The Labels dialog box appears.



3. Select the **ICC Profile Names** check box.

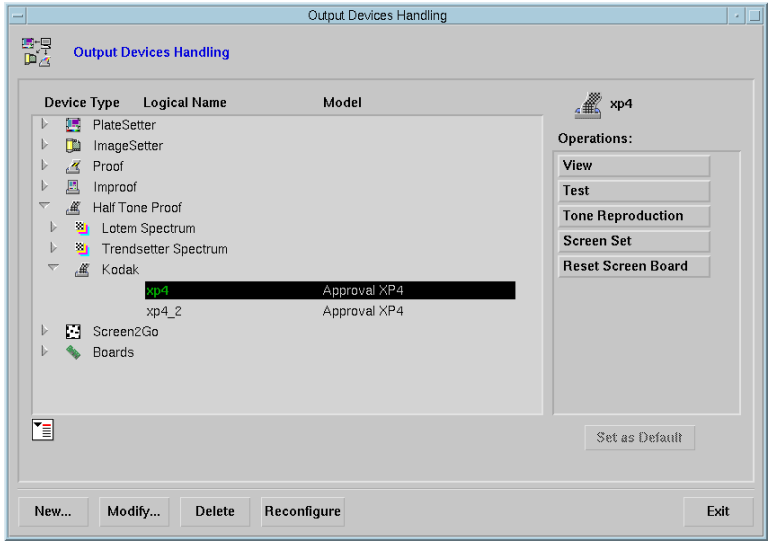
   For information on transferring ICC profiles to a Brisque station, see page 41.

Connecting to Two KodakXP4 Devices

Note: This option works on an SMP platorm only.

You can connect two KodakXP4 machines that run simultaneously on separate NT stations to one Brisque station (via TCP/IP). The Proofing parameters for each machine are saved in the Device Profile Set. This enables you to alternate between each device without having to redefine the parameters.

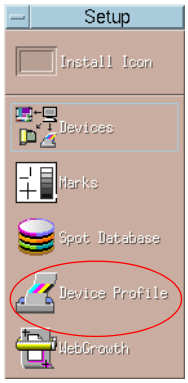
Two KodakXP4 devices appear in the Output Devices Handling dialog box.



Device Profile Utility

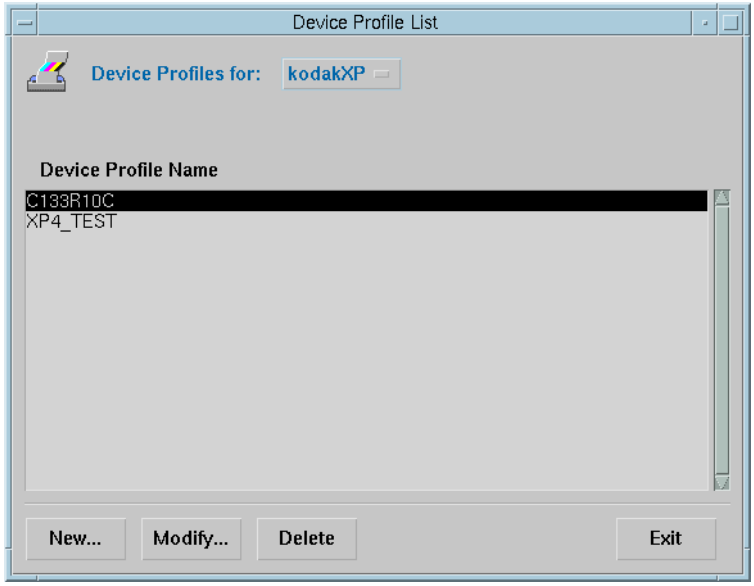
The Device Profile utility enables you to define and save the print settings for each KodakXP4 device. If one KodakXP4 is unavailable, you can select a second device. The second KodakXP4 automatically adopts the settings defined in its Device Profile.

To define the parameters for each KodakXP4 Device:



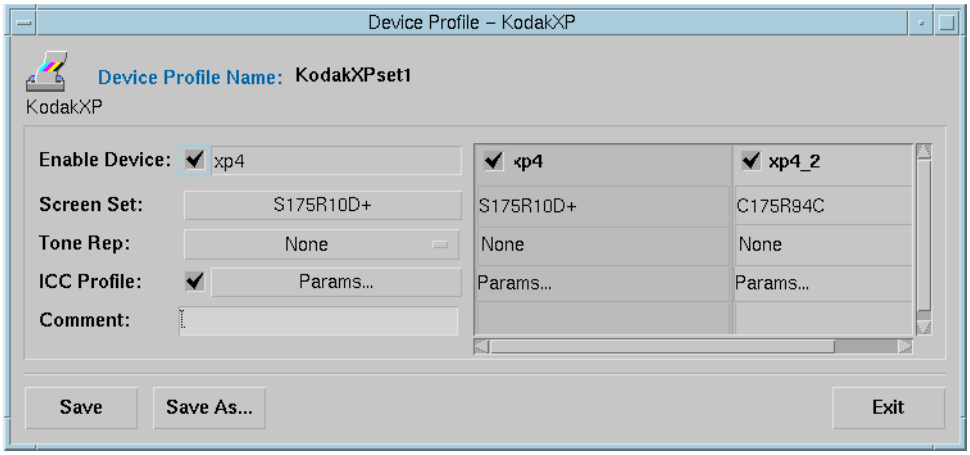
1. On the Brisque Launch Pad, from the Setup Panel, select Device Profile.

   The Device Profile List appears.



2. From the **Device Profiles for** box, select the KodakXP4 device.
3. Click **New**.

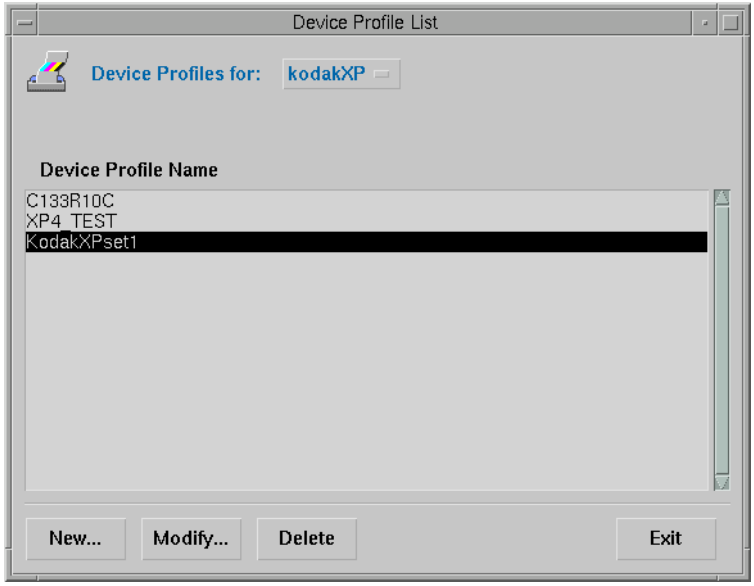
   The Device Profile - KodakXP4 dialog box appears. The dialog box contains a list of parameters for each connected device.



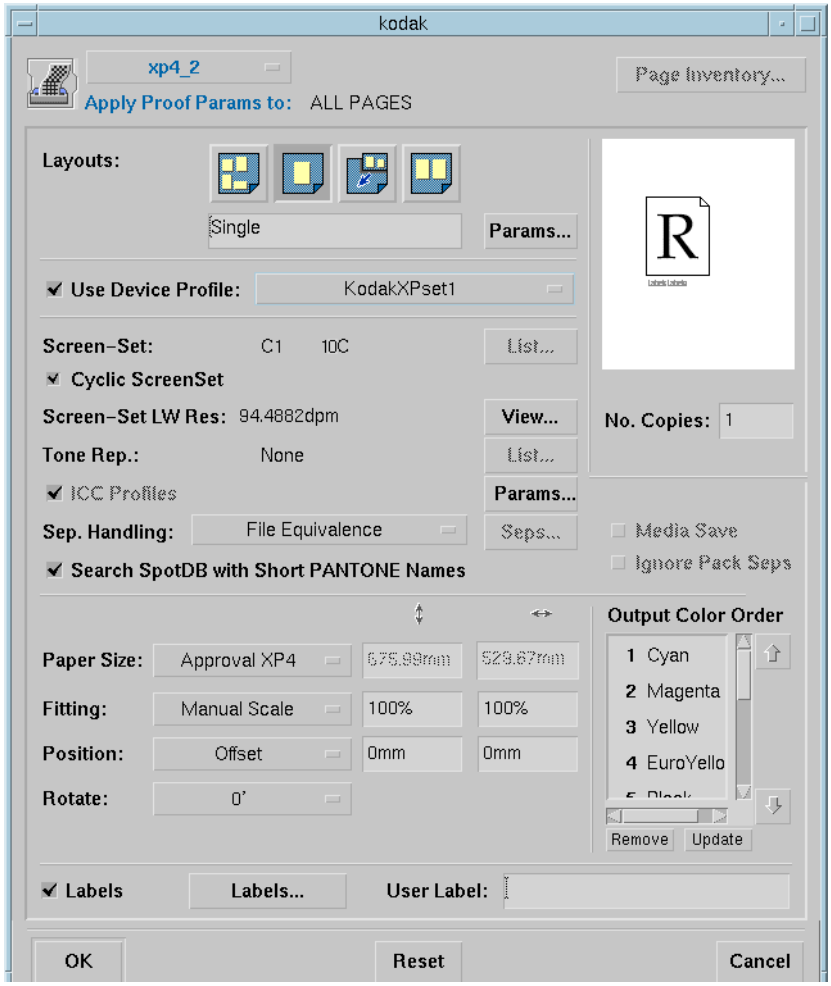
4. Select the check box adjacent to the left of the desired device and click anywhere within the column.
5. Define the parameters in the **Screen Set**, **Tone Rep** and **ICC Profile** boxes of the selected device.
6. Click **Save**. Repeat steps 4 and 5 for the second KodakXP4 machine.

7. Click **Save As** to save the Proofing profile.

   The new profile appears in the **Device Profile Name** List.



To apply the Device profile to your KodakXP4 device:



In the Kodak dialog box, select the **Use Device Profile** check box and select the device profile from the menu.

Selecting Multiple Screen Sets

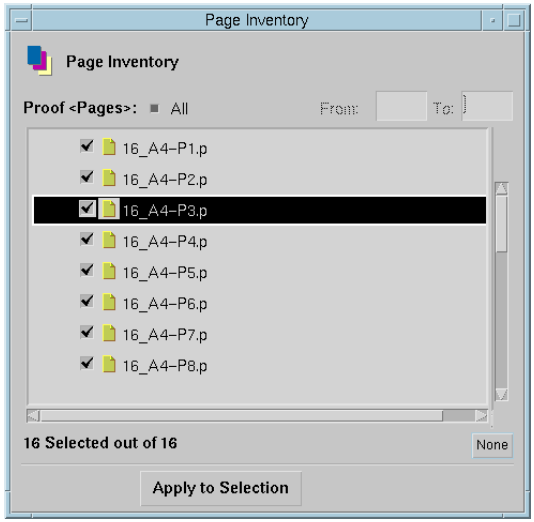
You can now select up to four screen sets for each media sheet. In previous versions you were limited to one Screen Set per sheet. This enhancement applies to both the **Auto Arrange** and **External** modes.

To select multiple screen sets:

1. Drag a multipage job on to the Kodak icon.

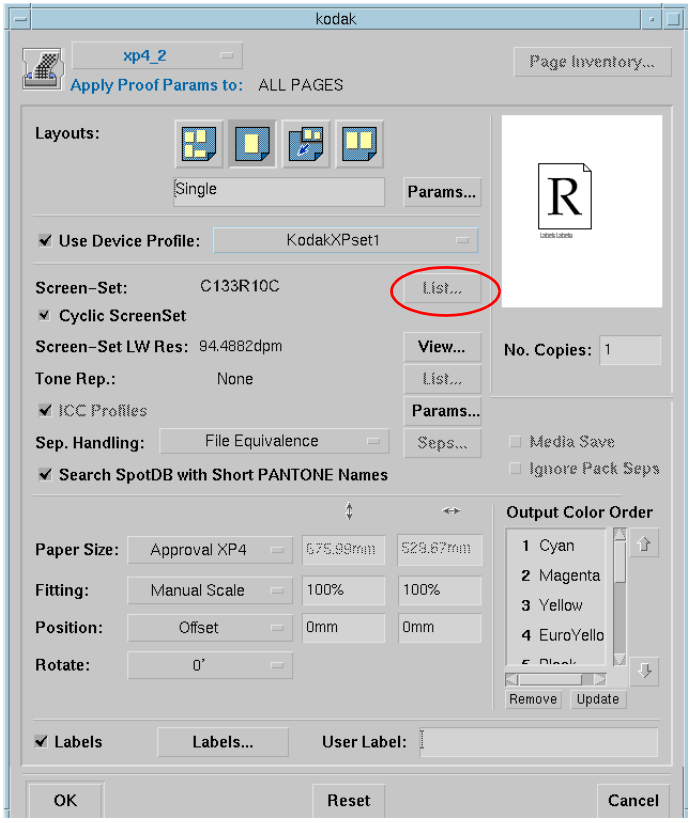
   The Kodak dialog box appears.

2. Click **Page Inventory.**

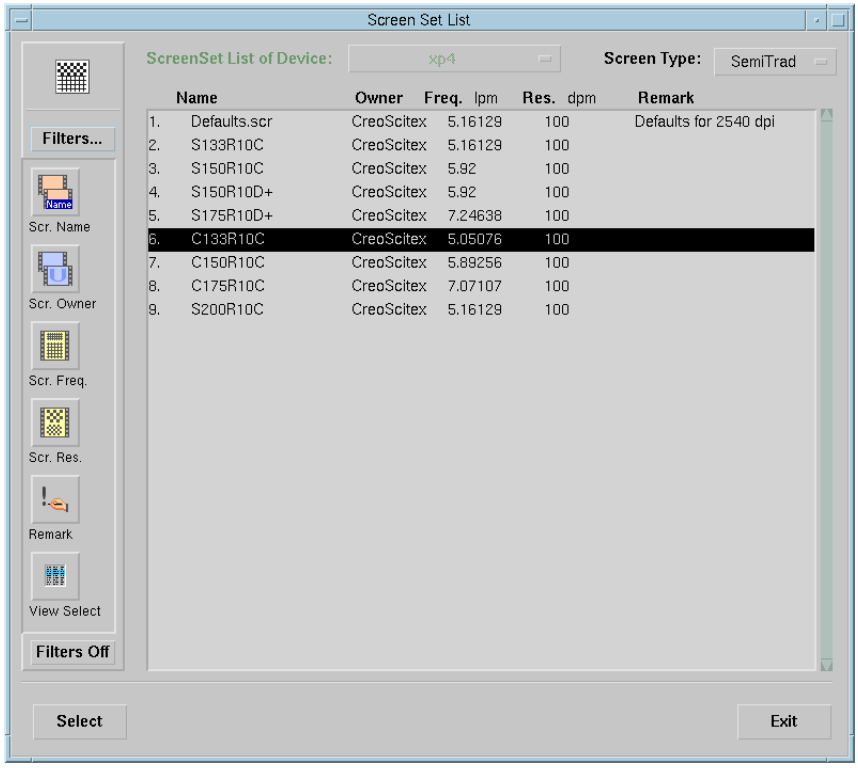


3. In the Page Inventory dialog box, click the desired page.

4. In the Kodak dialog box, click the **List** button, that is to the right of the **Screen-Set**.



The Screen Set List dialog box appears. It shows all the available screen sets.



5. From the list, select a screen set, and click **Select**.
6. In the Page Inventory dialog box, click the **Apply to Selection** button. The screen set is applied to the selected page.

   In the Kodak dialog box, the name of the selected screen set appears in the **Screen-Sets** box.

Note: It is possible to transfer an ICC profile from a Macintosh to a Brisque library. For more information, see page 41.

Support for 4-up Stand-Alone Configuration

Supported only on Brisque platform 43P-150 (Tiger II).

The station type Brisque Entro 400 Pro limits the Expose, Plate Expose and ICF Translate applications to 4-UP size (770 mm x770 mm).

Configuring the 74 Karat Printer



Note: This option is password protected and is bundled with the 74 Karat printer. The option requires an additional software update.

This version supports the 74 Karat printer. If you purchase the license for the 74 Karat Printer, you can configure the printer from the Output Device Handling dialog box.



For more information, see *Brisque 74 Karat Workflow version 4.1 Release Notes, 399Z3R839A.*

Proof

Smarter Layouts with Arrange

New features in the Arrange operation can enhance your Proof and Improof workflows. Creating a template in which the Arrange operation precedes the Proof operation enables you to build smarter layouts and increase the efficiency of the proofing process.

To take advantage of the new Arrange features, build a template that contains both the Arrange and Proof operations. The Arrange operation creates a layout, which is saved as an external job and is recognized as an external layout by the Proof operation.

This version offers the following additions to your workflow:

- Arrange in **Multi - Sep** mode: Enables you to proof separations separately within the same layout. For more information, see *Multi-Sep Option* on page 79.
- Advanced Step & Repeat: New parameters are available, such as **Even Rows**, **Odd Rows**, and **Wrap**.
- Flat mode: New parameters include **Enable Element Rotate**, **Align to Guillotine**, (see *Alignment for Guillotine Option* on page 84), and **Horizontal/Vertical**.
- Scatter Drop: This option replaces the Proof Drop feature of previous versions. The Hot Folder template now contains two icons, **Arrange** and **Proof**. For more information, see *Scatter Drop* on page 84.



Note: When you upgrade from Version 4.0 to Version 4.1, the Proof Drop hot folders will automatically migrate to Scatter Drop hot folders.

Applying Labels in the Scatter Drop Hot Folder Workflow



Note: This workflow is supported by Proof, Improof, Spectrum and KodakXP4.

You can apply a color strip or a label, such as the calibration date or ICC profile name, to each page on the sheet in the Scatter Drop Hot Folder workflow.

To apply a color strip or label:

1. Select the ScatterProof hot folder from the Hot Folder list.
2. In the Proof dialog box, change the layouts mode from **External** to **Auto Arrange**.
3. Click the **labels...** tab, and select a label per copy, including the Color Strip w/o ICC profiles.
4. Save the Proof settings.

It is recommended that the following parameters are set and saved in the Arrange operation:

- If the **Enable Element Rotate** option is selected, clear it.
- Select **Alignment for Guillotine**.



Note: The Arrange settings in the Output operation differ from the settings within the Arrange operation. Therefore, if you select Arrange from an Output operation the pages will be arranged differently than if you selected Arrange directly from within the Arrange operation.

Veris Proofer Support

The Veris proofer is the first of a new generation of Creo digital contract proofers. The Veris proofer uses the new Multi-Drop Array ink-jet technology. The technology positions drops with an accuracy that enables the Veris proofer to achieve a 1500 x 1500 dpi resolution.

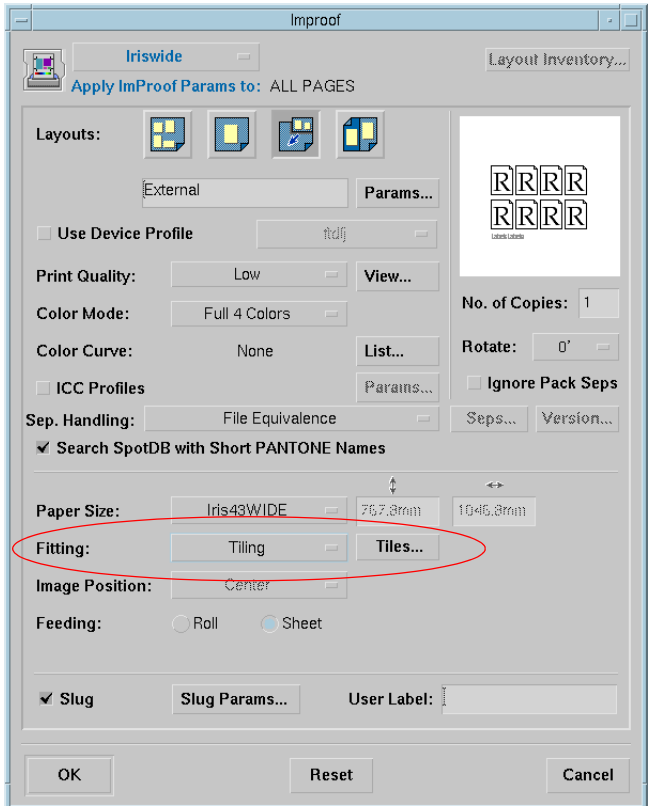
The Veris proofer includes an optional certified workflow. The workflow ensures that the proof is performed with the correct ICC profiles, calibration information, ink, and media type. The workflow checks for the required components and marks the proof with a stamp to confirm the check.

Brisque operates the Veris proofer as it does the IrisPrint proofer, with the following differences:

- Calibration is activated from the Veris proofer DFE.
- Brisque Precision Color Sets are not in use for the Veris proofer.
- The Veris controller is located on the PC that is connected to the proofing device.

Tiling Option

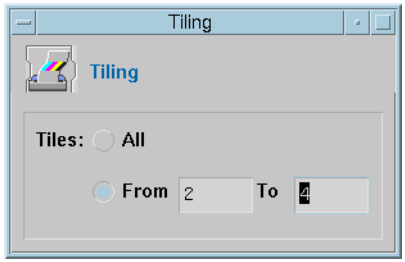
The Tiling option enables you to print one or more tiles that you have selected and is available in all Brisque proofing applications (Proof, Improof, KodakXP and Spectrum). The option saves media by eliminating the need to print all the tiles when you only want to print specific ones.



To define tiles for printing:

1. In the Improof dialog box, click the **Tiles** button.

   The Tiling dialog box appears.



2. Select the **All** option button to print all the tiles. To print a specific range of tiles, select the **From** option button and then type the tile range in the **From** and **To** boxes.

   To print one tile only, type the tile number in the **From** box.

Searching for PANTONE Colors in the Spot Database

The search option for PANTONE names in the spot database has been relocated from the Proof Preferences dialog box to the Proof dialog box of each proofing device. This location gives you more flexibility in setting the search parameters between proofing devices. When this search option is selected, a search for the spot in the PANTONE library ignores the suffix of the spot name.

Limit Label to File Width Option

A new option, **Limit label to file width**, appears in all the proofing device dialog boxes. When selected, the option limits the length of the label to the length of the image. When the check box is not selected, the label is not shortened and the gap between each image adjusts to the label's length.

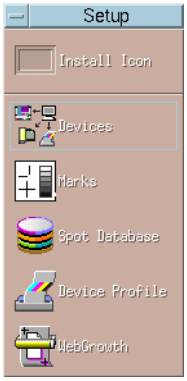
Spot Test Option

The **Spot Test** feature, located in the spot database, enables you to test a number of CMYK combinations of a specific spot in one proof. A matrix of each color combination allows for easy comparison and facilitates the selection of the combination that best satisfies your requirements. The spot color can then be edited in the Spot Database for later use.

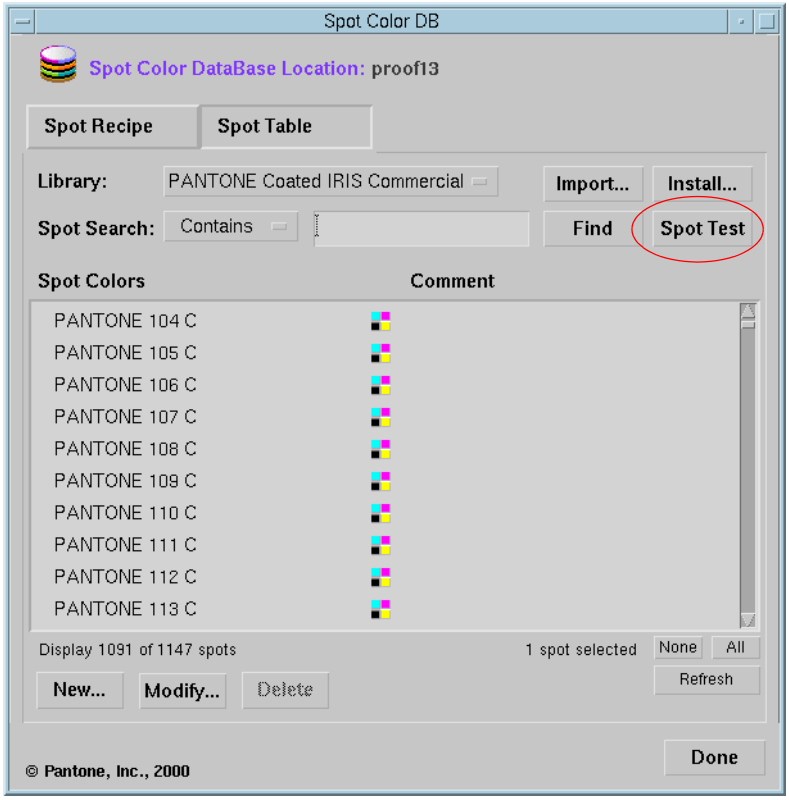
The feature is supported by improof and proof devices only.

To test a spot:

1. Select a template with the appropriate proof or improof device.
2. Define the ICC Profile in the template.
3. Save the template.
4. From the Brisque Launch Pad, select **Setup Panel** and then select **Spot Database**.

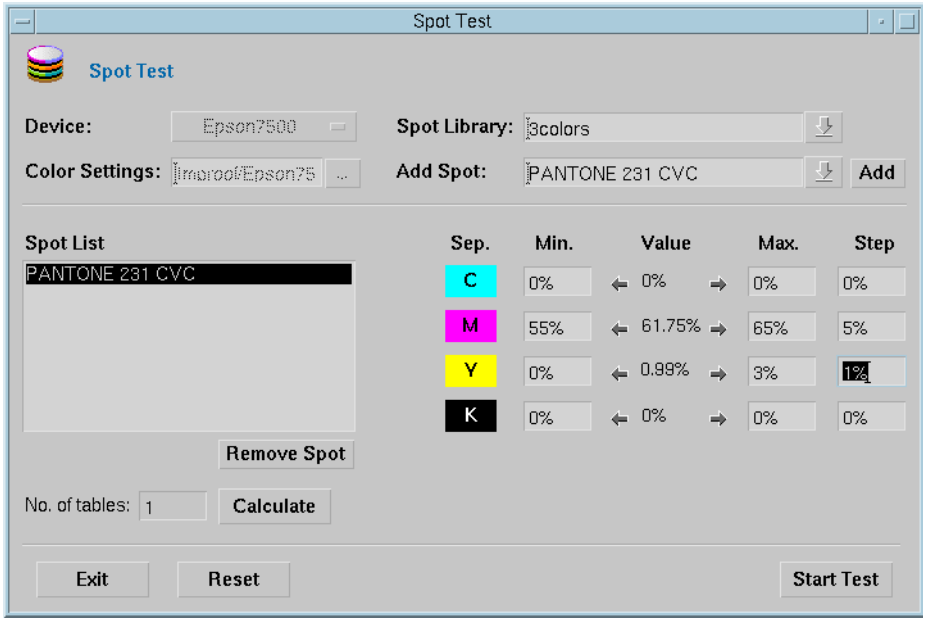


The Spot Color DB dialog box appears.



5. From the Spot Color database, click the **Spot Test** button.

The Spot Test dialog box appears.



6. In the **Device** box, select the device.

Note: The device must appear in the template you assign in the color settings, refer to Step 1.

7. In the **Color Settings** box, select the template saved in Step 3.
8. In the **Spot Library** check box, select the spot library.
9. In the **Add Spot** box, select a spot from the library.
10. Click **Add** to add the spot to the spot list.

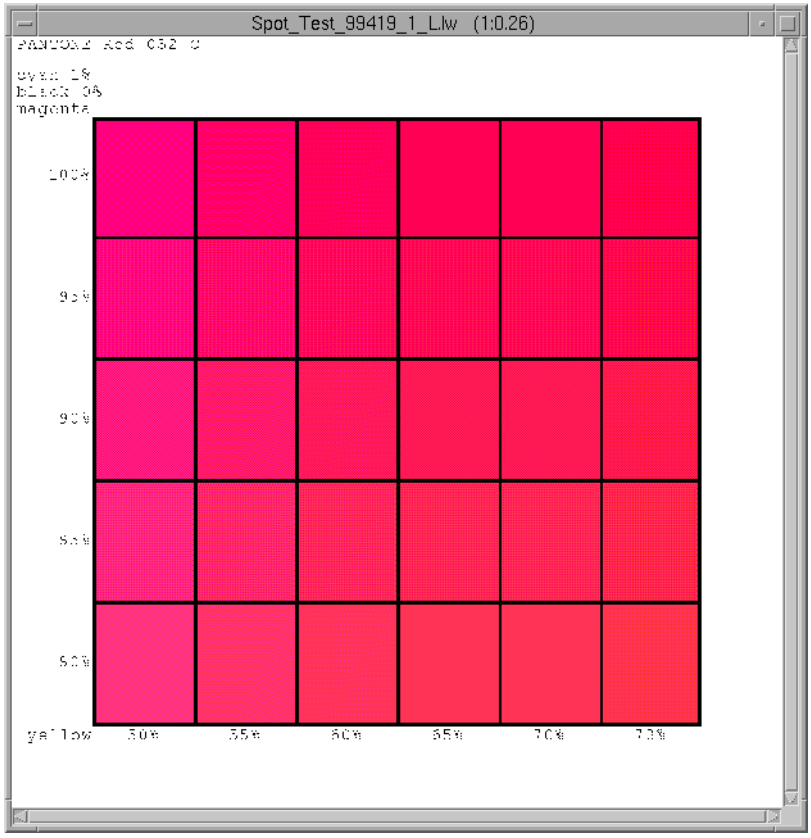
    If you want to test more than one spot color, you can add additional spot colors to the spot list now. To do so, repeat step 9 and 10 for each spot color that you want to test.

11. If you are testing only one spot color, the value of each color separation now appears in the **Value** column. If you are testing more than one spot color, select a spot from the list to view its values in the **Value** column.

12. You can now create the combinations for comparison. In the **Min.** column, adjacent to the color equivalent you want to vary, type the minimum percentage of color to be used in the test. In the **Max.** column, for the same color equivalent, type the maximum percentage of the color to test. In the **Step** column, type the increment in percentage terms. For example, if **Min.** is set at 40%, the **Max.** at 60%, and the **Step** at 5%, the color equivalent is tested at 40%, 45%, 50% and so on.
13. Depending on the complexity of your test, the test results can be displayed in one or more tables. Before performing the test, you can calculate the number of tables that will be printed to display your test results. To do this, in the **No. of Tables** box, click the **Calculate** button.
14. To change your parameters click **Reset**, or click the **Start Test** button to start the test.

    The test results are printed on your output device.

The test results show a color matrix with the measure of each color marked on the axis.



Note: The results are displayed in a hard-copy print only. They do not appear on your screen.

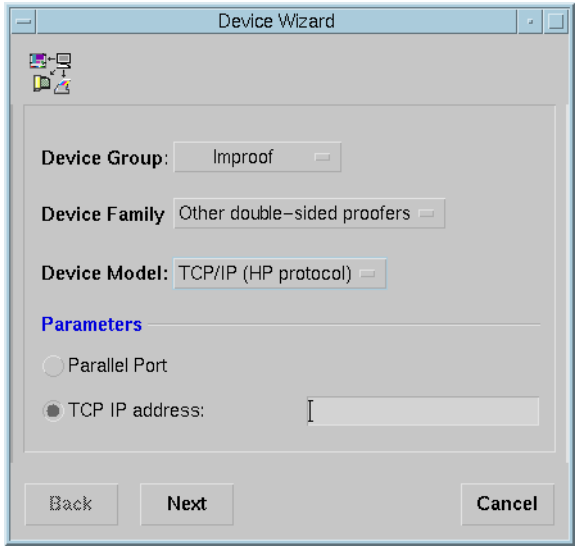
15. From the test results, select the color for your workflow. Use the color equivalents defined in the test to edit the spot in the spot database.

Improof

Improof supports two additional improof devices and a new option that trims the layout size has been included in this version.

Support for a Double-Sided Improof Device

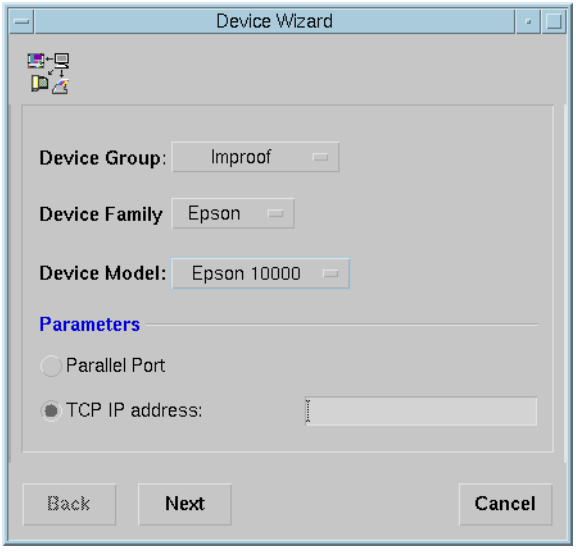
This version supports the SpinJet1000, an automatic double-sided device that is based on the HP1050c engine. SpinJet1000 is run by the Spinflow application on an NT station. Brisque connects to the Spinflow via the Device Handling dialog for Improof devices. This configuration can also be used to configure third-party double-sided proofers using TCP/IP connection with the HP protocol.



Support for Epson Stylus Pro 10 000

Brisque now supports the Epson Stylus Pro 10 000.

Note: The Epson Stylus Pro 10 000 is large format 44 inch inkjet printer. The Epson Stylus Pro 10 000 CF is a large format 44 inch inkjet printer with Color Fast ink.

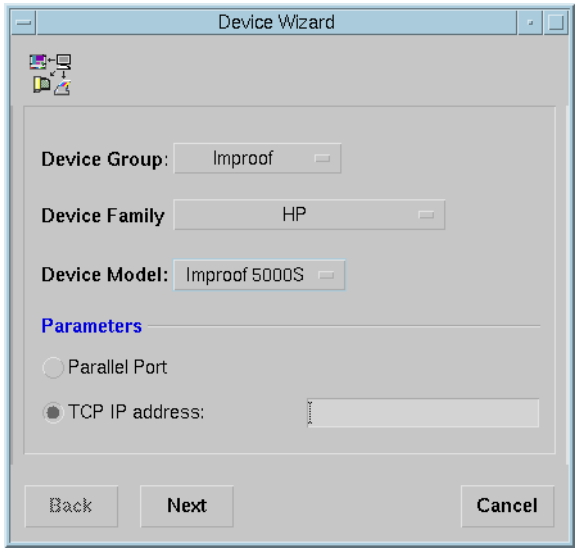


Support for Hewlett Packard 5500

The HP DesignJet 5500 is supported in two modes:

- HP5000/5500 42 inch
- HP5000/5500 62 inch

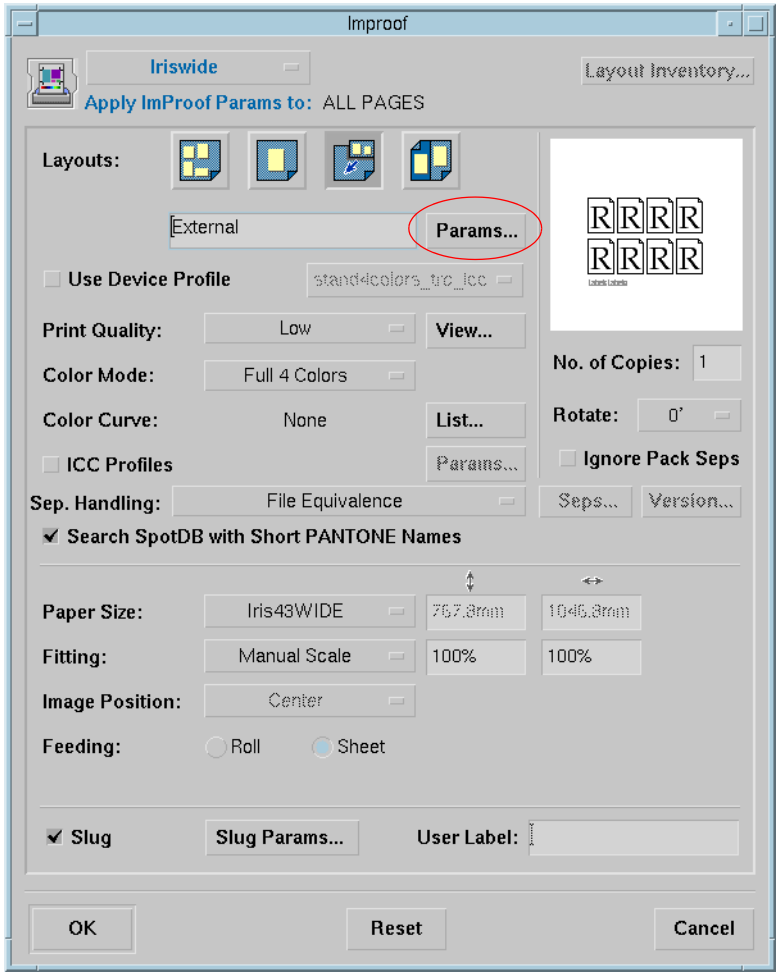
Note: The Improof settings for the HP5500 are identical to the HP5000 settings. The HP5000 S is an inkjet printer with a maximum width of 42 inches. The HP 5000L is an inkjet printer with a maximum width of 60 inches.



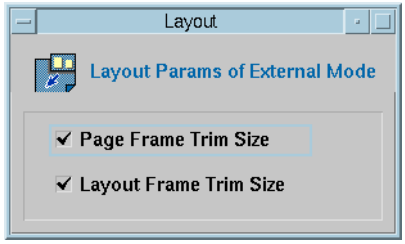
Trim Layout Size Option

This feature is available in the External and Signature modes for each Improof device. The feature outlines in black the layout or page, or both. The default is not to outline the layout or the page.

To trim a layout or page:



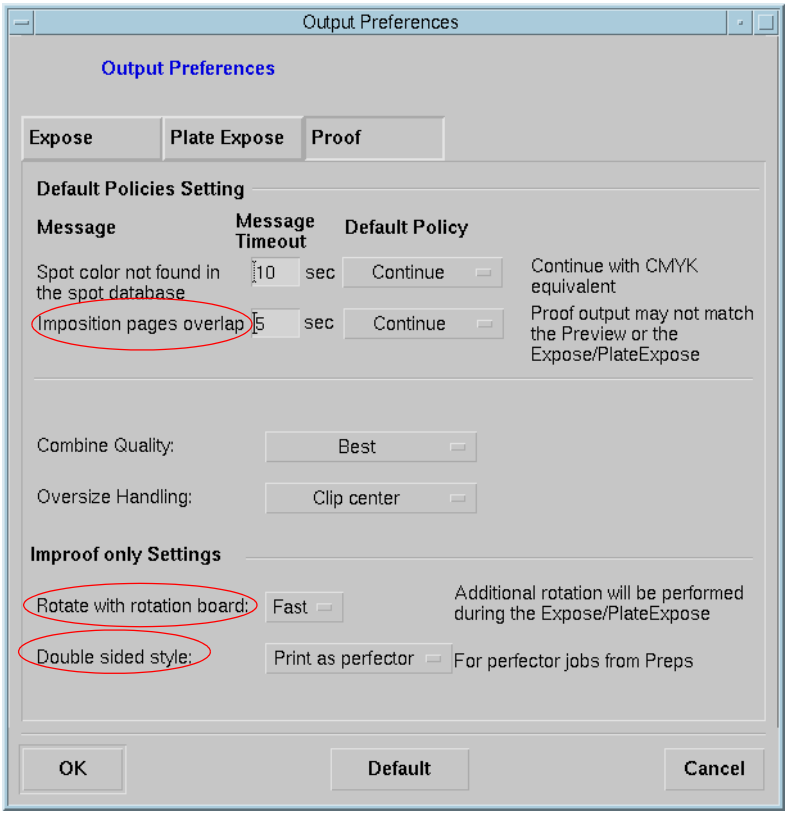
1. Click the **Params...** button. The Layout dialog box appears.



2. To outline the page, select the **Page Frame Trim Size** check box. To outline the layout, select the **Layout Frame Trim Size** check box.

Output Preferences Dialog Box

The Output Preferences dialog box includes some new options. The options are described in this section.



Pages Overlap Option

For a description of this new option, see *Handling Overlapping Elements in Imposition Jobs* on page 14.

Double-Sided Style Option

This option relates to jobs created in Preps in the Perfector work style only. You can proof double-sided imposition jobs in either Perfector style or sheetwize style.

Print as Sheetwize: The proof of the Perfector job will be converted to sheetwize.

Print as Perfector: The proof of the Perfector job will remain as Perfector.

Rotating with a Rotation Board

You can use the rotation board to perform the Improof rotation in **Fast** or **Slow** mode. **Fast** provides a quick solution for improof but it is insufficient for Plate Expose; during Plate Expose, the page will be rotated again. If you select **Slow**, the page will be rotated once only. However, the time taken to perform the improof will be slower than if you had chosen the **Fast** option.

Color2disk

This version brings the following enhancements to the Color2Disk feature:

- You can use a job that contains any combination of CMYK, such as C+M or C+M+Y.
- Support for third party Device Link profiles. Select the profile using the procedure for Creo Profile Wizard Device Link Profiles.



For instructions about using the Profile Wizard, see the *Profile Wizard User Guide 399Z1M326B*.

- Supports jobs and pages with semi-tint colors.



Note: An output file in Color2Disk format cannot be reverted.

Arrange

The Arra

nge feature is now a stand-alone operation accessible from the Output Panel. In previous versions, this operation was accessible via Preview.

Arrange automatically arranges Brisque jobs, Brisque pages and CT and LW files. The feature has been further enhanced with the **Multi-Sep** option, which automatically arranges multiple separations in a single layout.

A new Hot Folder named Scatter Drop supports the Arrange feature in Flat Mode. To automate Arrange using Hot Folders, see *Automated Arrange in a Hot Folder* on page 84.

A new operation named JoBit simplifies the arrangement of 1-bit TIff files in a layout. JoBit translates 1- bit TIFF files to Brisque Jobs/Pages. For more information on this feature, see *JoBit* on page 87.



Notes:

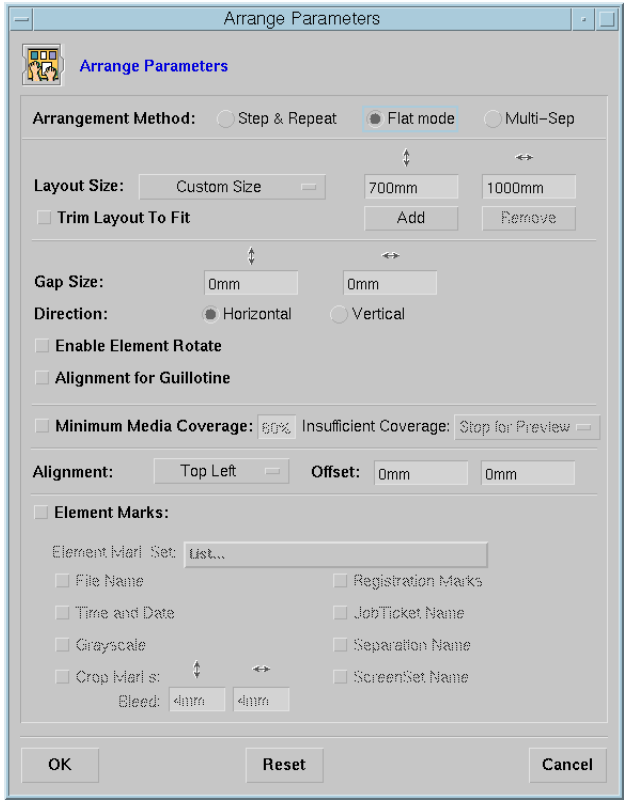
This version places an Imposition job created from Arrange in the same folder that stores the job. Previously the Imposition job was created in the folder that stores the pages.

In this version, when you arrange CT, LW or TIFF files (Raster), a new folder called Temp_Jobs is created at the same level as the Imposition job.

To access Arrange:

➢ On the Output panel, click on **Arrange.**

The Arrange Parameters dialog box appears.



The Arrange Parameters dialog box is similar to Arrange in the version 4.0 Preview Parameters dialog box, with the following additions:

Support for Multiple TIFF files

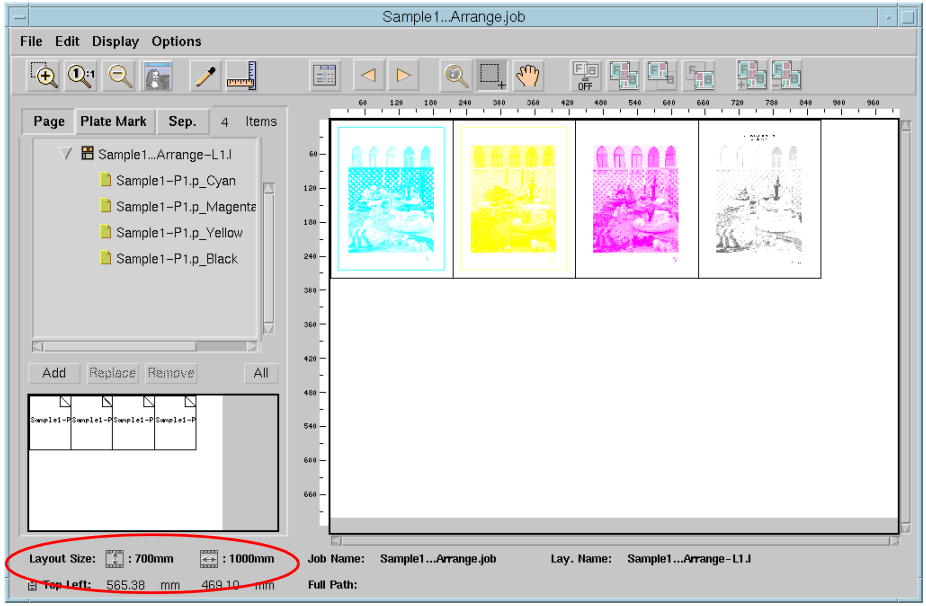
This version arranges multiple TIFF files in one layout. You can drag and drop the Tiff files directly onto the Arrange template.

Multi- Sep Option

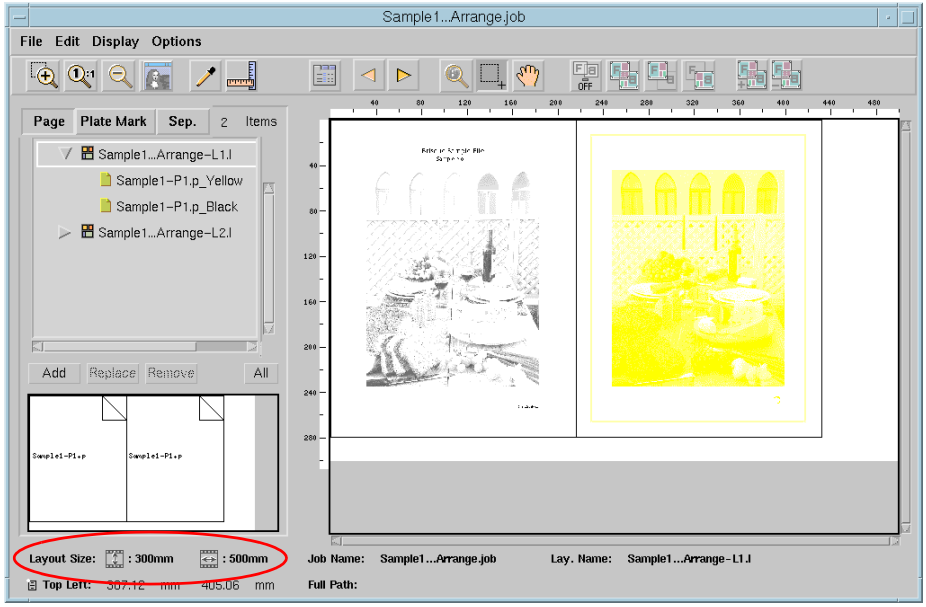
Select the **Multi-Sep** option button to separate Brisque Jobs or Pages into their separations and arrange them in the media. The application separates the files into their separations and arranges them in one layout.

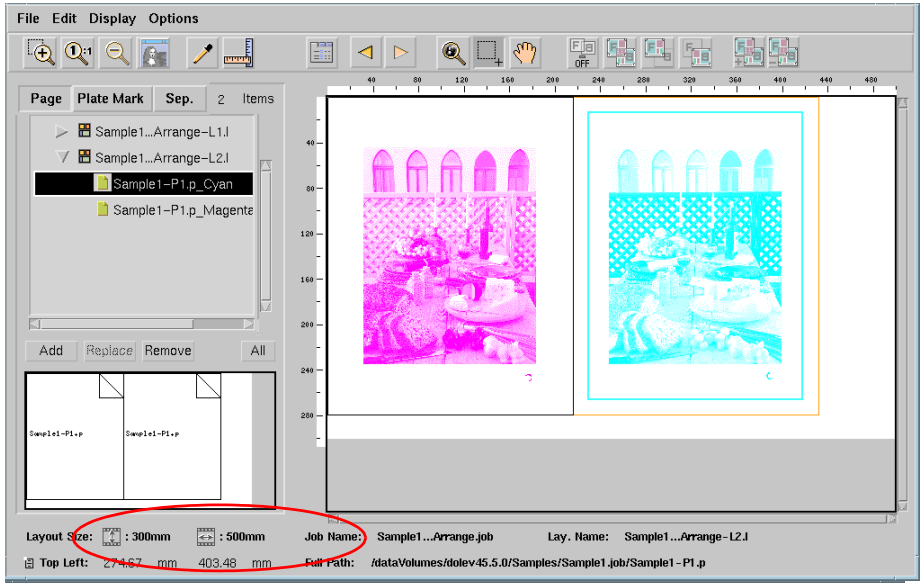
Depending on the size of your layout, the separations can be arranged in either one or more layouts as shown in the following examples.

The layout defined in this example is wide enough to fit four separations in a single layout:

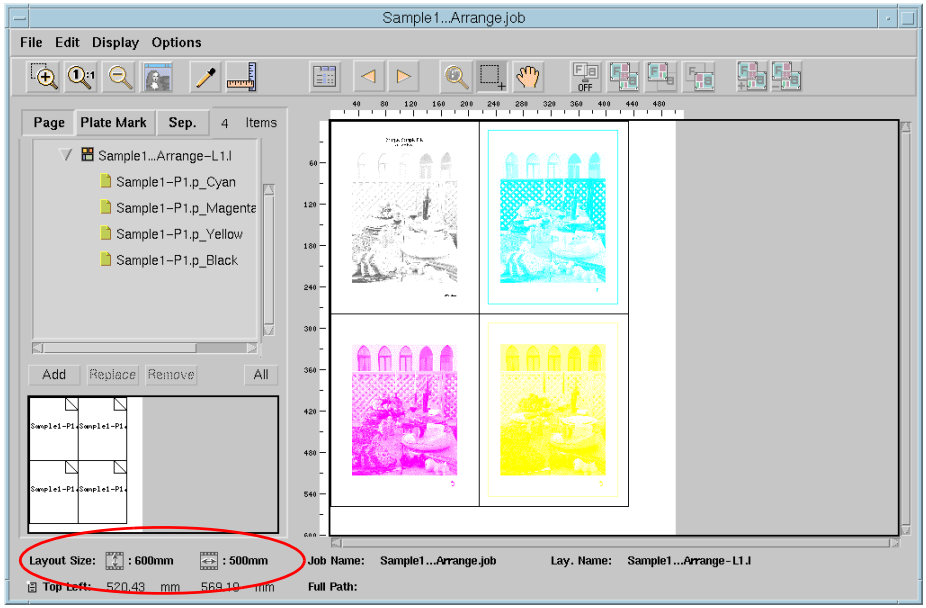


The layout defined in the next example (300mm, 500mm) is not wide enough to contain all the separations. Therefore, the elements were arranged in two separate layouts, each containing two separations.



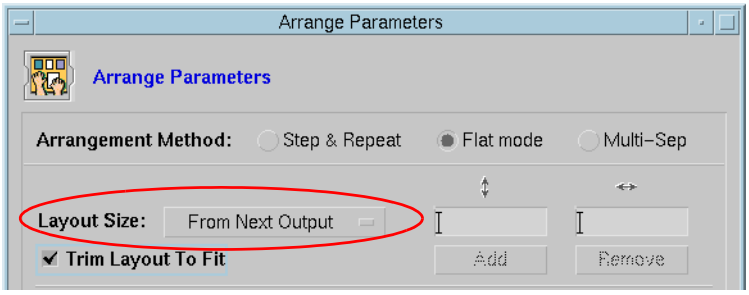


Alternatively a layout that is longer than it is wide (600mm, 500mm), arranges the separations in two rows, as follows:



Taking the Layout Size From the Next Operation

In both **Flat Mode** and **Multi-Sep** mode, in the **Layout Size** menu, the option **Auto Size** has been replaced by the option **From Next Output**. The option instructs Brisque to take the layout size definitions from the output operation that appears next in the template.



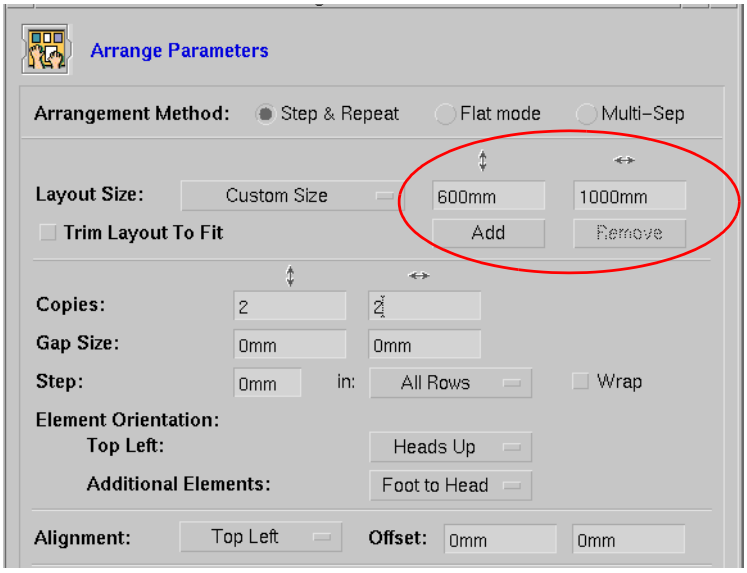
Trim Layout to Fit Option

The **Trim Layout to Fit** check box has been added to the interface. This option prevents media wastage by trimming the layout around the border of the elements. The option appears below the **Layout size** box in the Arrange Parameters dialog box. For example, if you choose a layout size of 500 x 500 mm, and the pages are 200 x 200 mm, the final layout will be 200 x 200 mm.

Adding and Removing Layout Sizes

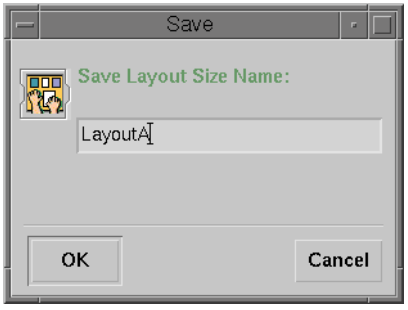
The **Add** button enables you to create your own layout size. The new layout size will be saved in the Layout Size list. To remove the layout size from the list, click the **Remove** button.

To add a new layout size to the layout size menu:



1. In the height and width boxes above the **Add** and **Remove** buttons, type the dimensions and click **Add**.

   The Save dialog box appears.



2. Type the name of the new layout size in the dialog box, and click **OK**.

To remove a layout size from the layout size menu:

1. In the **Layout Size** menu, click on the layout size you want to delete.
2. Click the **Remove** button.

Alignment for Guillotine Option

Select this option to automatically arrange files on the media in a straight line for cutting.



For more information on completing the Preview Parameters dialog box, see the *Brisque User Guide Version 4.0, 399ZIR387B*.

Automated Arrange in a Hot Folder

Hot Folders can be created with the automatic arrange feature named Scatter Drop.



For more information about Hot Folders, see the *Brisque User Guide Version 4.0, 399ZIR387B.*

Scatter Drop

Scatter Drop enables you to create a Hot Folder that arranges scattered files in one layout and increases media efficiency. To activate this feature you must ensure that:

- The Hot Folder is linked to a template that includes Arrange as the first operation.
- In the Arrange Parameters dialog box, the **Flat Mode** or **MultiSep** option button is selected.



Important: Scatter Drop with Arrange in Multi-Sep mode supports TIFF-LW input files only.

Depending on the trade-off between the urgency of the job and the cost of the media, you can define the minimum media coverage or time held in queue before the media is sent to the output device.



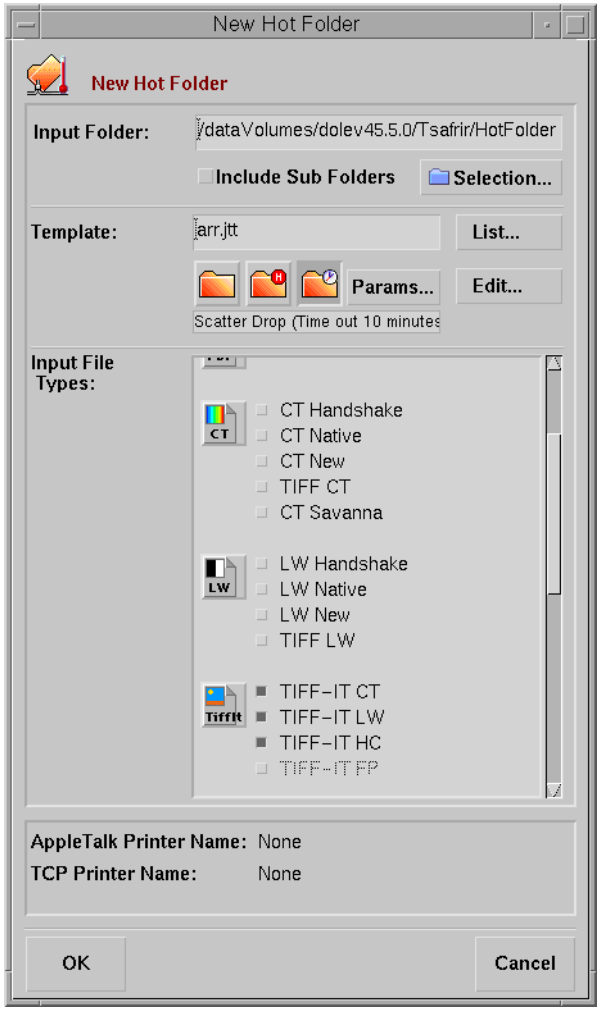
Note: Scatter Drop supports all output operations.

To create a Hot Folder with ScatterDrop:

1. Open the Automation Tools panel.
2. Click HF Setup.

   The Hot Folder List dialog box appears.
3. Click **New** or **Modify**.

   The New Hot Folder dialog box appears.



4. Click the **Selection** button.

   The Select Hot Folder Path dialog box appears.

5. Locate the folder you want to assign to the Hot Folder.
6. Click **OK**.
7. Click the **List** button to select a template whose first operation is Arrange with the **Flat Mode** option button selected.

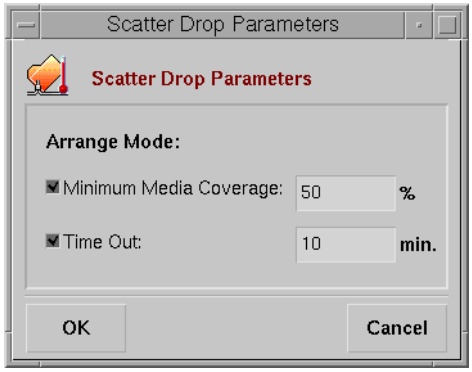


8. Click the Scatter Drop icon.

   The **Params...** button is activated.

9. Click the **Params...** button.

   The Scatter Drop Parameters dialog box appears.



10. Select one or both check boxes to define the pre-conditions for the Hot Folder to activate the template.

    Minimum Media Coverage: The value in this box represents the minimum percentage of media that must be covered before the job is sent to an output device. By default, the value that appears in this box when the dialog box is first opened, is the value defined for the Minimum Media Coverage in the Arrange Parameters dialog box. Any change you make to this value in the Scatter Drop Parameters dialog box will overwrite the value defined in the Arrange Parameters dialog box.

    Time Out: Define the time in minutes before the Hot Folder activates the template.

    In this example, the Hot Folder activates the template when either the Media covered is at least 50% or the time lapse since the last file was received is 10 minutes, whichever comes first.

JoBit

A new application named JoBit automatically translates 1-bit TIFF file formats, that include both CMYK and spot colors, to composite Brisque jobs or pages. JoBit appears on the Brisque output panel.

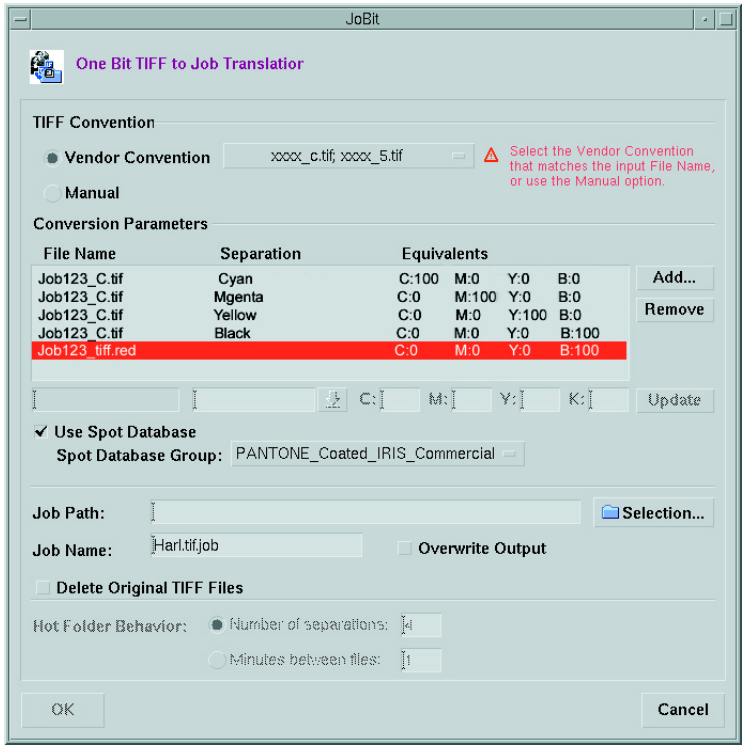
The application supports a wide range of vendor formats. If a file cannot be automatically translated to a Brisque job or page, you can manually define the separations and their color equivalents.

JoBit supports a combination of modules and improves the Hot Folder workflow.

To enable Brisque to work with a 1-bit TIFF format from any third party system, Brisque translates the incoming 1-bit TIFF files to a Brisque job or page.

Using JoBit

JoBit can be accessed either via a template or by dragging the file onto the JoBit operation in the output panel.



Note: The **Vendor Convention** option button is selected by default.

To set the parameters in the JoBit dialog box:

1. In the **Vendor Convention** box, select the naming convention of the file to be processed. For example, the magazine_c.tif file matches the naming convention ‘xxxx_c.tif.
2. Select the **Use Spot Database Group** check box to search the database for the color equivalent of spot colors specified in the file.

Note: The database search will find only spot colors that have a CMYK value recorded in the database.

3. If a color is not in the database or the selected naming convention does not match the name of the file, you can enter the parameters manually. For instructions, see *Setting the Parameters Manually* on page 90.
4. If you are placing the operation in a Hot Folder, you can define a pre-condition for the Hot Folder to activate the template. If you are not using a Hot Folder, skip this step and go to step 5.

   You can choose from the following pre-conditions:

   Number of Separations — Click the option button and enter the number of separations submitted to the Hot Folder before it prepares the Brisque job or page.

   Minutes between files — Click the option and enter the number of minutes the Hot Folder waits after receiving the last file before it prepares the Brisque job or page.
5. Click **OK** to save the parameters.
6. Drag the .tif files onto the template.
7. The conversion parameters for the file appear in the **Conversion Parameters** section.

   A color appears in red if it is not in the database, or the selected naming convention does not match the name of the file. The color must be set manually. For instructions, see *Setting the Parameters Manually* on page 90.
8. Use the **Add** and **Remove** buttons to add or remove additional files.
9. In the **Job Path** box, type the destination path of the output file, or click the **Selection** button to browse for the path. If no path is specified, it is placed in the location of the input file.
10. In the **Job Name** box, enter the name of the output file.
11. Select the **Overwrite Output** check box to instruct the system to overwrite existing files of the same name.
12. Select the **Delete Original TIFF Files** check box to instruct the system to delete the input files.

Setting the Parameters Manually

To set parameters manually:

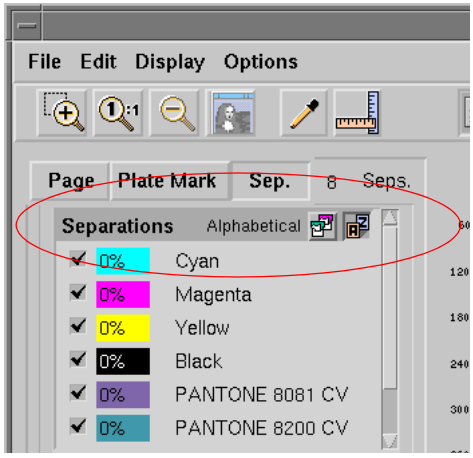
1. Select the **Manual** option button.
2. To specify a color separation use one of the following methods:
   - Define a **CMYK** separation in the box below the **File Name** column.
   - Specify the color equivalents for the spot in the **C,M,Y,K** boxes.
   - Select a spot from the database. To do this, click on the box under the **Separation** column and type the full name of the spot color. Alternatively, you can type only the first letter/s, and press TAB. The system automatically finds the spot name.

   Return to Step 8 in the previous procedure, setting the parameters in the JoBit dialog box.

Enhanced Preview

Separations List

In the Separation tab, separations can be listed in either alphabetical order, or in the order that they were RIPed.



In this example, the separations are listed in alphabetical order.

Notes:

The order shown here is for the Preview display only and does not affect the order in which the separations are exposed.

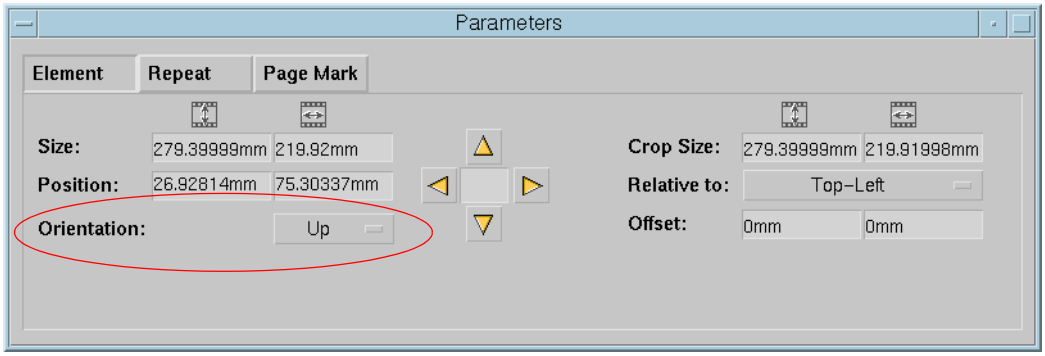
The alphabetical order relates to spot colors only.

Element Orientation in the Preview Element Tab

In the Parameters dialog box, the **Rotate** option has been renamed **Orientation** in all cases except Step & Repeat. In Step & Repeat it has been renamed **Top Left Orientation**. In Step & Repeat, the parameter sets the orientation of the top left element on the layout.

For both **Orientation** and **Top Left Orientation**, choose from:

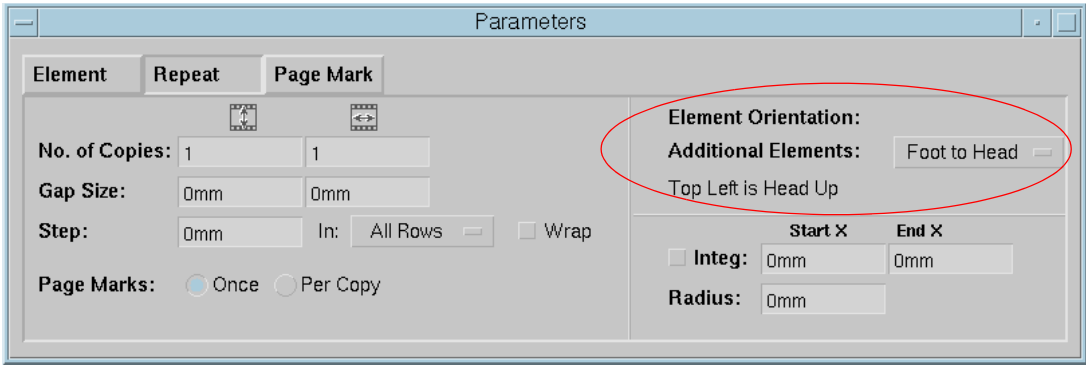
- **Up**: Equivalent to 0 in previous versions.
- **Down**: Equivalent to 180 in previous versions.
- **Left**: Equivalent to 90 in previous versions.
- **Right**: Equivalent to 270 in previous versions.



Modifying the Element Orientation in the Preview Repeat Tab

You can now modify the element orientation in the Repeat tab of the Parameters dialog box. In the **Repeat** tab, set the direction of the elements in relation to the **Top Left** element, defined in the Preview Element tab. Choose from **Head to Head, Foot to Head, Foot to Foot** and **Head to Foot.**

Note: To view the parameters in the Parameter dialog box, you must select the hand tool from the menu bar and click on the page whose parameters you want to view.

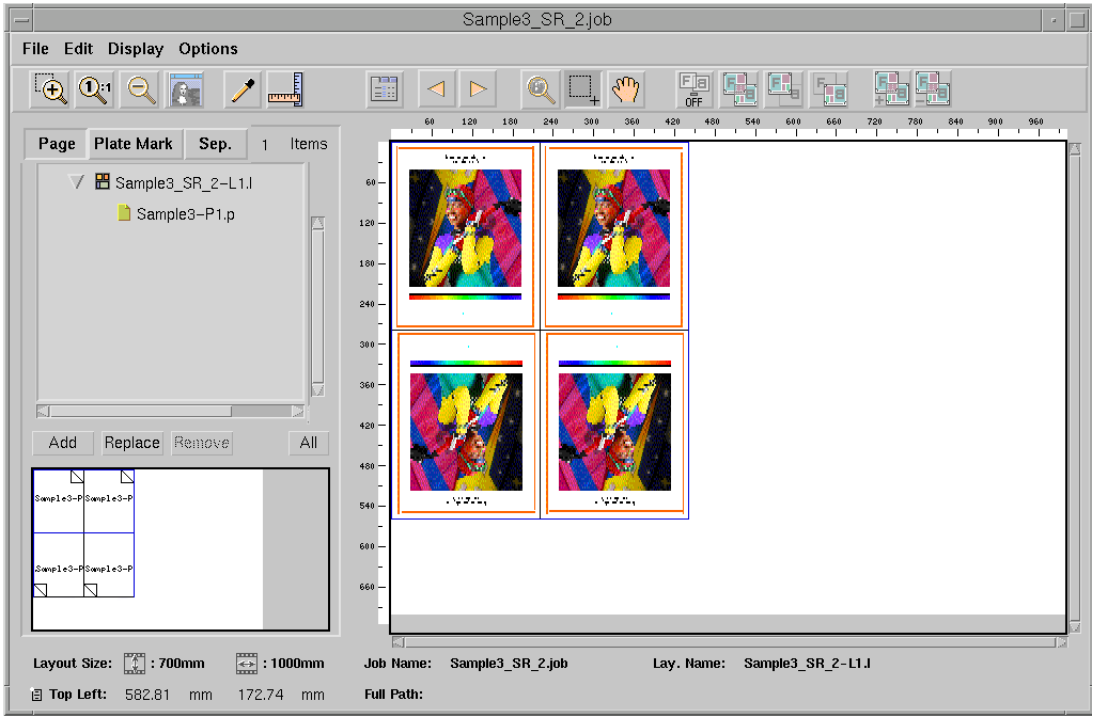


The choice of orientation combinations is illustrated in the following examples:

Example 1

This example illustrates the following definitions:

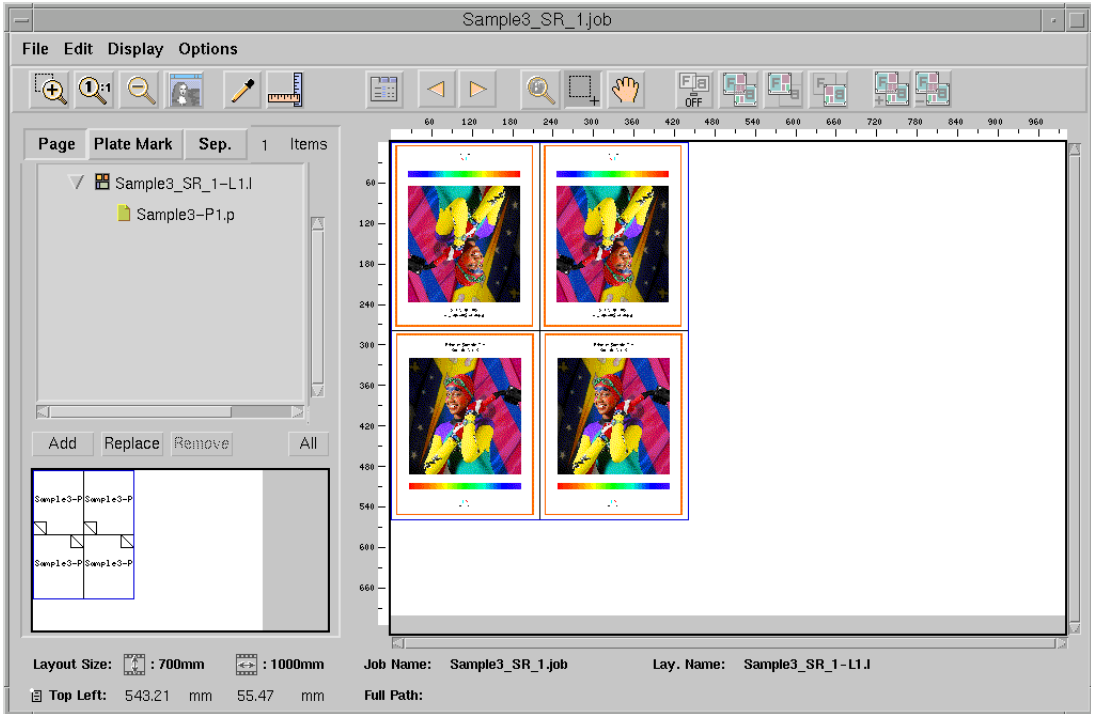
- Top Left Orientation in the Element tab is set to **Up**
- Additional Elements in the Repeat tab is set to **Foot to Foot**.



Example 2

This example illustrates the following definitions:

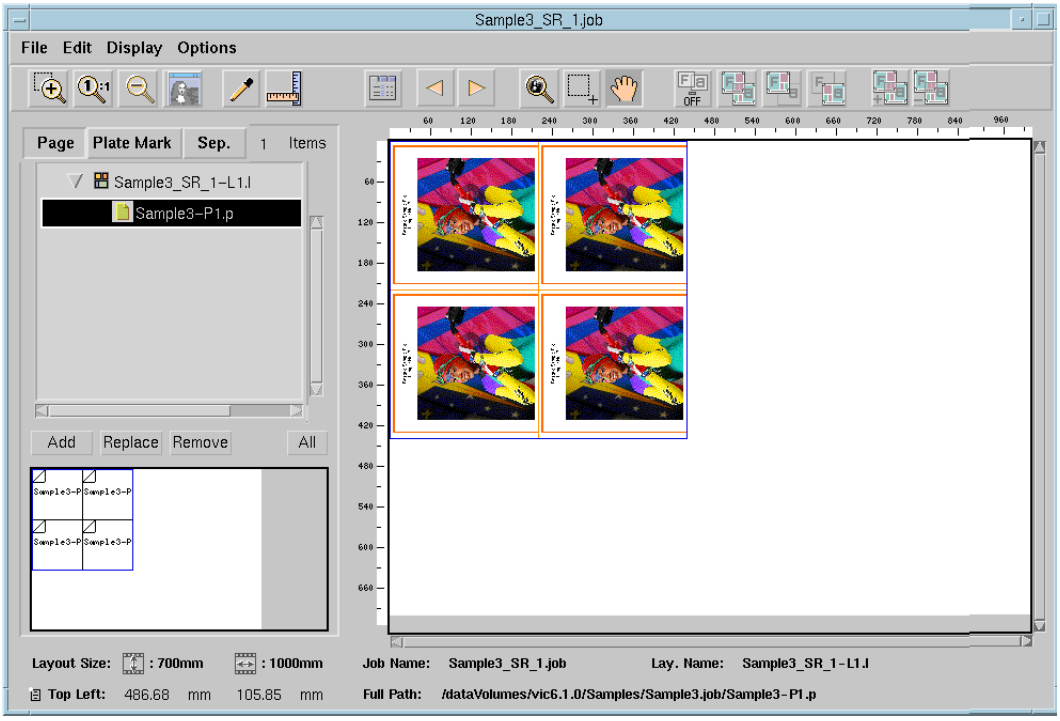
- Top Left Orientation in the Element tab is set to **Down**
- Additional Elements in the Repeat tab is set to **Head to Head**.



Example 3

This example illustrates the following definitions:

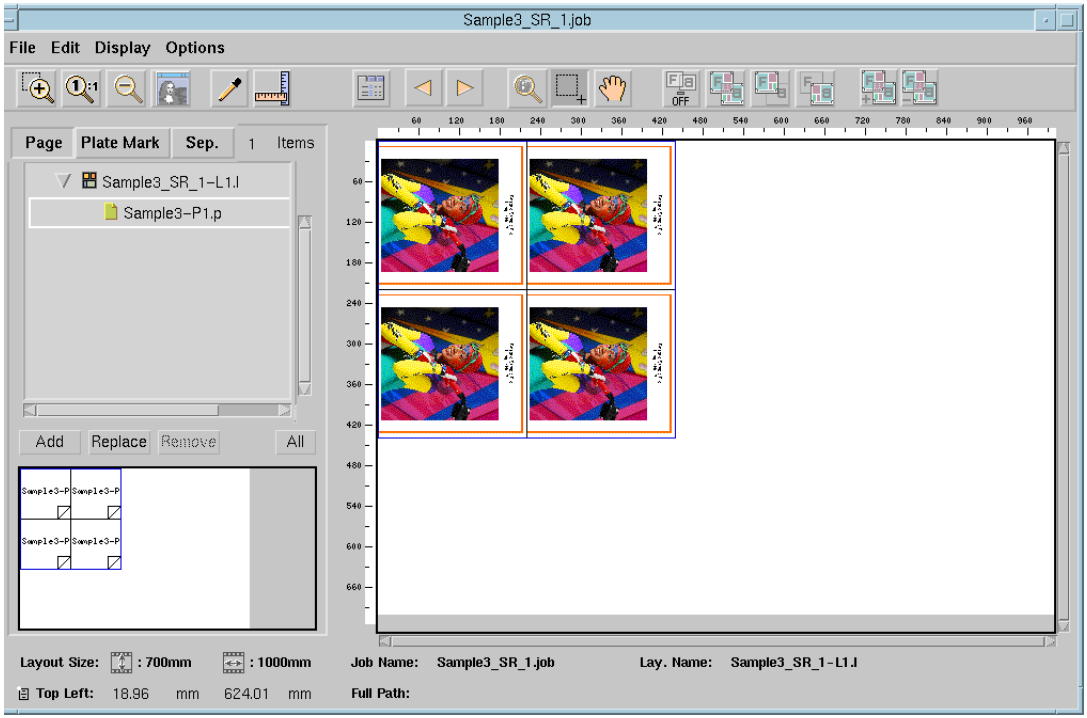
- Top Left Orientation in the Element tab is set to **Left**
- Additional Elements in the Repeat tab is set to **Head to Foot**.



Example 4

This example illustrates the following definitions:

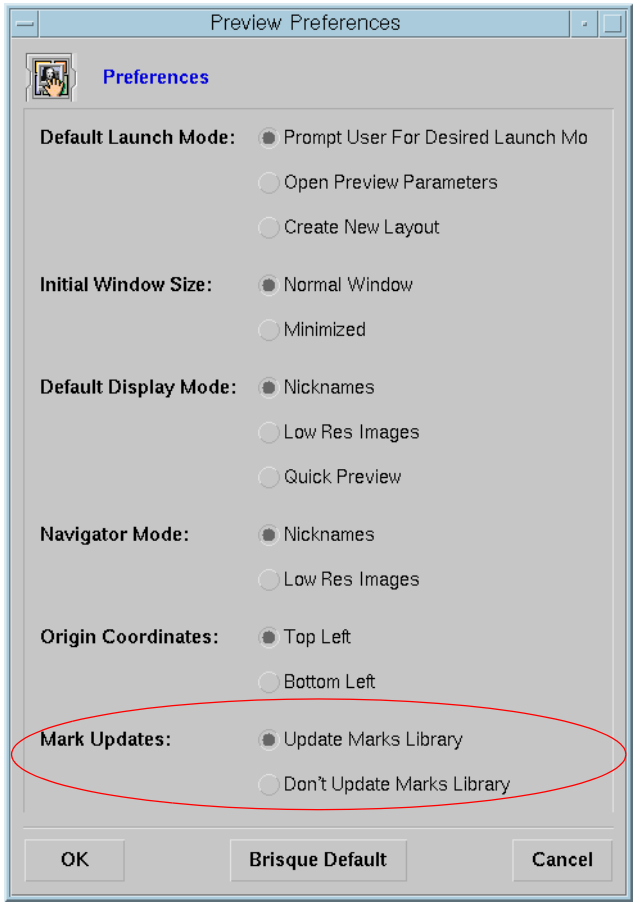
- Top Left Orientation in the Element tab is set to **Right**
- Additional Elements in the Repeat tab is set to **Head to Foot**.



Mark Updates Option

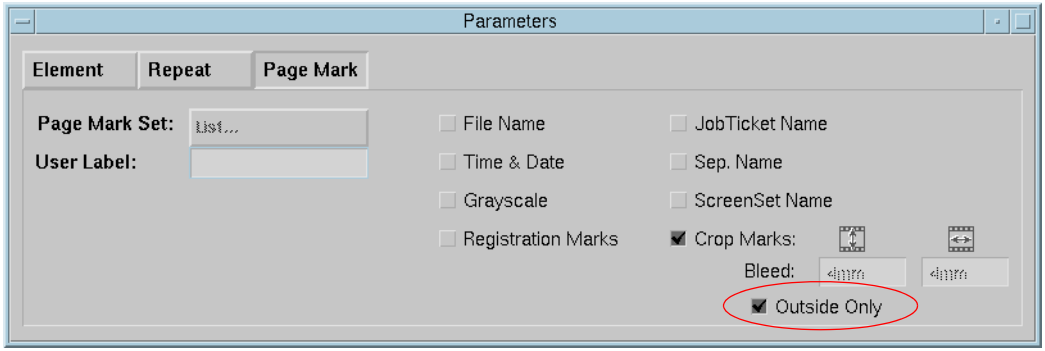
The **Mark Updates** option has been added to the Preview Preferences dialog box. Select the **Update Marks Library** option button to instruct Brisque to RIP any unRIPed marks before opening the Preview application. If the system processing time is critical, select the **Don't Update Marks Library** option button. When this option button is selected an unRIPed mark is RIPed only if it is included in the imposition job to be previewed.

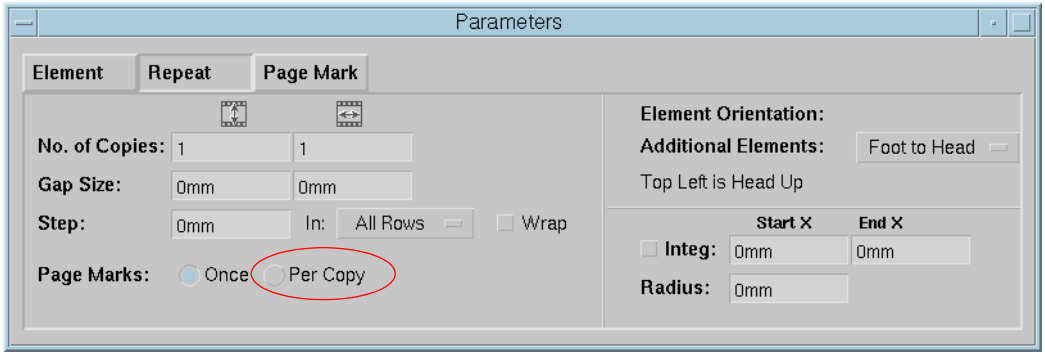
Note: New marks that have not been previewed will not be RIPed and will be invisible to the system. If the **Don't Update Marks Library** option is selected and you want to create a new layout, you will have to manually update the Marks Library before opening the Preview application. To manually update the library, open the Marks library in Brisque and Brisque will automatically RIP the EPS file.



Placing Crop Marks

In the Preview dialog box, in the Page Mark tab, a new option named **Outside Only** has been added. This option ensures that crop marks are inserted outside the pages. This option is supported only when the **Per Copy** option in the Repeat Tab is selected.





Normalizer Version 5

Normalize version 5 is compatible with the latest Adobe® Acrobat software, Adobe Acrobat 5 (PDF1.4). Normalize 5 provides enhanced performance over its predecessor.

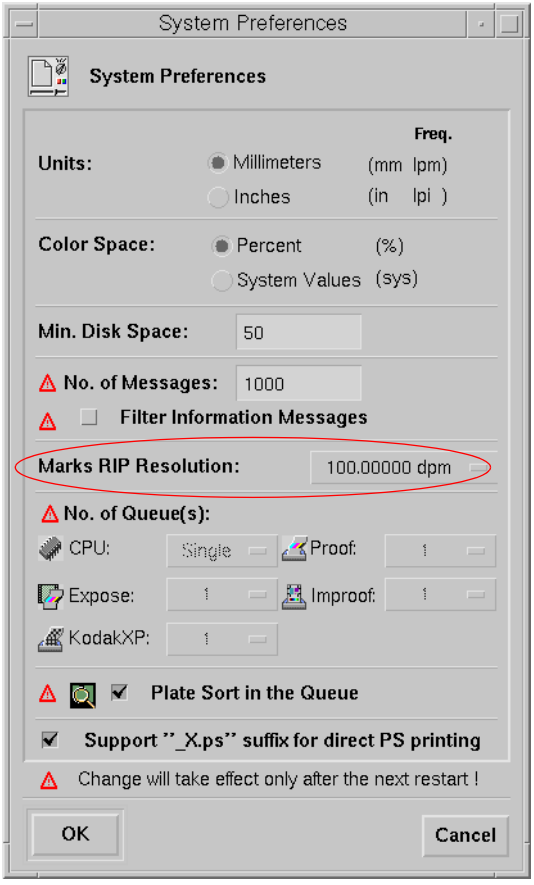
Pre-Flight PDF Check

Version 4.1 supports PitStop 4.7 Plug-In. The plug-in can be located on the Brisque version 4.1 Accessories CD.

RIP

Version 4.1 improves the copydot workflow and PDF Handling. The new features are described in this section.

Marks RIP Resolution Option



In previous versions, imported Marks were automatically RIPed at a resolution of 100 dpm. The Mark was then enlarged or minimized during Expose. You can now choose the resolution of the RIPed LW file.

To define the resolution:

➢ In the System Preferences dialog box, in the **Marks RIP Resolution** box, select the dpm from 60, 80, 94.48819, 100 (this is the default),120, 140, 160, 180, 200.



Note: If the **Units** option button in the System Preferences dialog box is set to inches the resolution will be defined inches not millimeters as detailed here.

Enhanced Support of MonoScan File Format

The RIP process for Monoscan files in Eps Composite format from a Purup-Eskofot Monoscan Version 8.0 are now RIPed to LW format only. Additionally, the RIP process has been improved. The changes enhance the copydot workflow and therefore improve the throughput.

Enhanced PDF Handling

This option supports Adobe® PDF 1.4 format files and improves the RIP process for all files by resolving the following RIP issues:

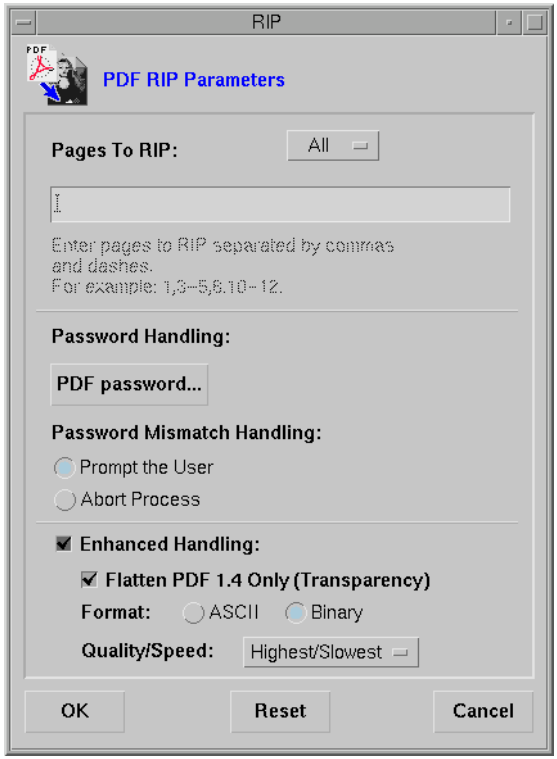
- Failure to RIP PDF files
- White Knockout problems
- Small text protection problems
- Adobe CID font issues

It is recommended that you select the **Enhanced Handling** option every time you RIP a PDF file.

The Enhanced PDF Handling option makes the **Flatten Pdf 1.4 Only** check box. This option is specifically for Pdf 1.4 files that contain transparencies. Using Enhanced PDF Handling with this checkbox selected will produce the highest quality RIP for files that were created by Adobe® applications such as, Adobe InDesign® 2, Adobe Illustrator® 9 or 10 and Adobe Photoshop® 7.

To use the Enhanced PDF handling option:

1. In the RIP dialog box, click **PDF Params**



2. In the PDF RIP Parameters area, select the **Enhanced Handling** check box.
3. If you are RIPing a PDF 1.4 file with transparencies, select the **Flatten PDF 1.4 Only (Transparency)** check box.
4. Select either the ASCII or Binary option buttons to define the file format:
   - Select **ASCII** to output the file in ASCII text format.
   - Select **Binary** to output the file in binary format. This option is recommended because it results in a smaller file than ASCII.

5. In the **Quality/Speed** box, you can select the desired combination of quality and speed payoff. Select from:

   - **Lowest/Fastest**: This setting rasterizes all the objects in the job. It is the preferred setting when you print or export detailed artwork.
   - **Lower/Faster**: This setting maintains simple vector objects while rasterizing more detailed areas. This setting is best for jobs that contain only a few transparent objects.



Note: The Lowest/Fastest and Lower/Faster settings may convert text to CT. When text is partially converted to CT, it is recommended to select **CT to CT Res** in **LW Res** in the RIP CT Handling tab.

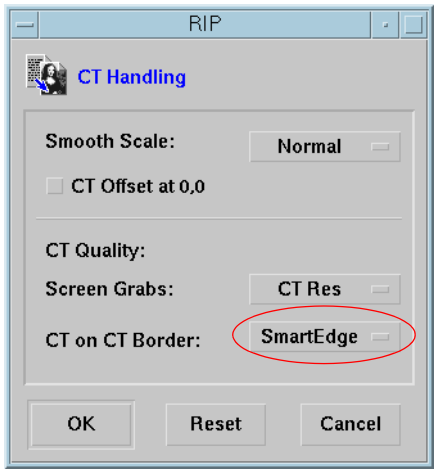
   - **Medium/Medium**: This setting leaves most objects as vectors and rasterizes the more detailed transparent areas.
   - **Higher/Slower**: This setting leaves most of the job in vector form and rasterizes detailed artwork. The setting can increase processing time when the artwork contains a lot of transparent areas.
   - **Highest/Slowest**: This is the default setting. This setting leaves as much of the job as possible in vector form. Detailed artwork may still be rasterized. The setting takes the most time and demands the most memory, however it produces the highest-quality resolution.



Note: Enhanced Handling can slow down the processing time.

CT on CT Border: the SmartEdge Option

Use the **SmartEdge** option to improve the quality of the CT to CT border while ensuring that the number of LW colors is not increased. SmartEdge appears in the CT Handling dialog box in the **CT on CT Border** box.

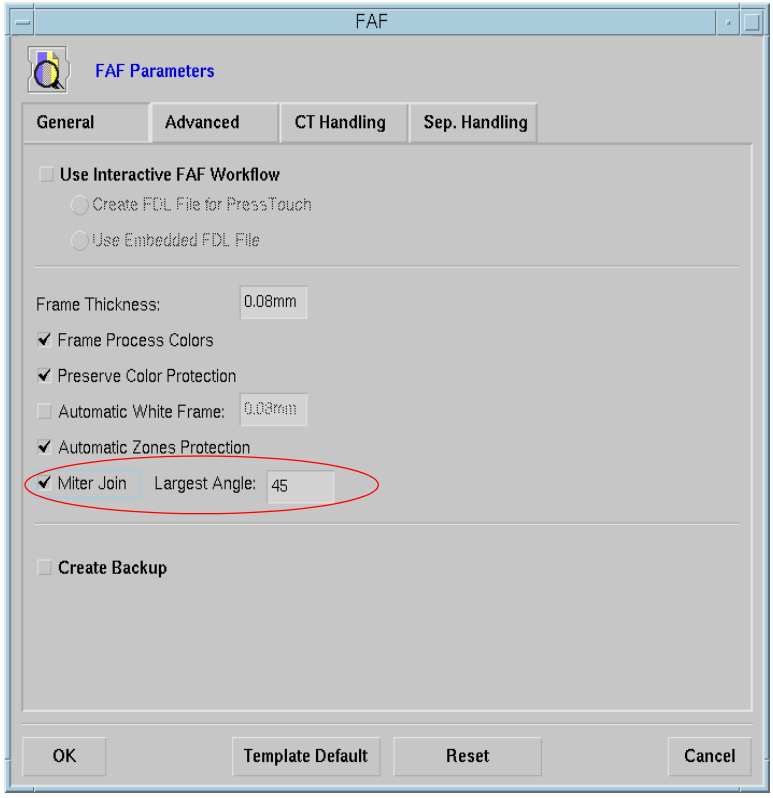


Note: SmartEdge is a password protected option and requires a licence that is obtainable from Creo. If you did not purchase the license, the option will not be visible.

FAF: Creating Smoother Frames

The **Miter join** check box has been added to the General tab in the FAF Parameters dialog box. Select the check box to create a smoother join between two or more colors, where the joining ends are both at a slant. You can define the measure of the slant by selecting an angle between 0.01 and 90 degrees in the **Angle** box. The recommended angle is 45 degrees.

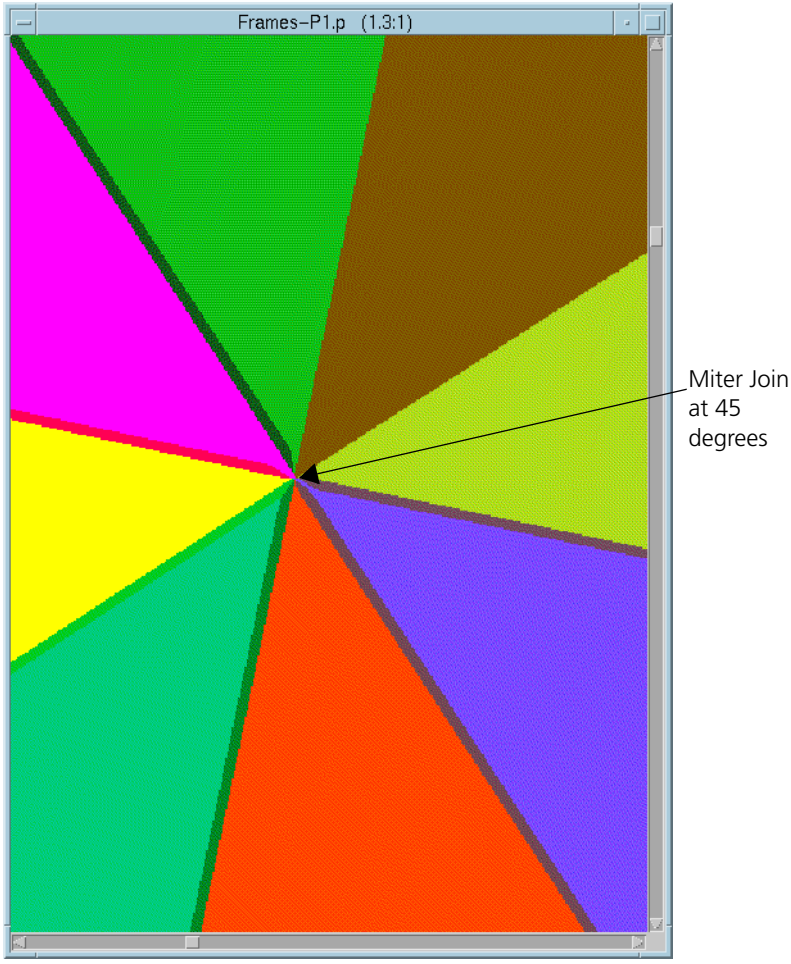
Note: Using this option may slow down the processing time of the job, however the option gives a smoother result.



To apply a Miter Join:

1. In the FAF main dialog box, select the **Miter Join** check box.
2. In the **Largest Angle** box, type in the angle for the join.

   The following diagram shows the Miter Join set at 45 degrees.



Mount Pro

NT Server Support



Note: To use an NT Server with the Mount Pro option, you must add the word NT in the comments (in SMIT > Hosts Table).

The Mount Pro operation supports Windows and NT servers with an NFS service package installed and the following UNIX Servers:

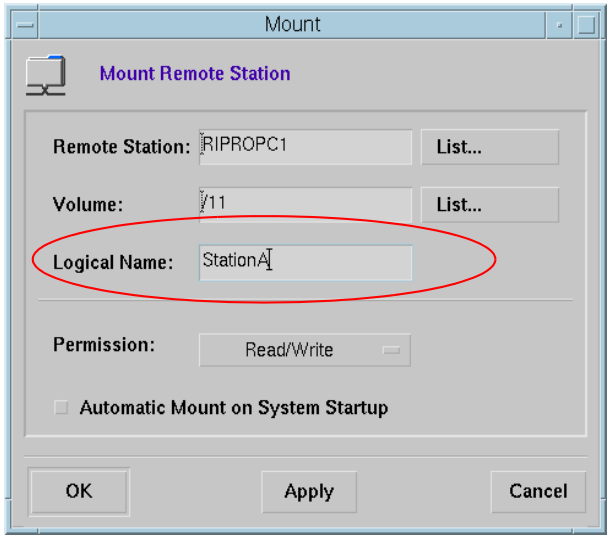
- Linux
- Irix
- Solaris
- HP/UX

Automatic Station Type Detection

In the MountPro dialog box, the **Station Type** menu has been removed. The station type is now detected automatically.

Assigning a Logical Name

In the MountPro dialog box, the **Logical Name** box has been added. You can define a logical name for all servers except Brisque, Timna or Brisque Serve. The system will automatically assign an extension to the name. The default is Read/Write.



Sending the .rsrc Directory

When you send a file to a 3rd party server, a copy of the .rsrc directory is also sent with a unique ID. The directory and the ID enable a Macintosh to identify the file on a Brisque station.

You can now disable this option by selecting the **Do not send .rsrc directory** check box.



Note: To use an NT Server with the Send option, you must add the word NT in the comments (in SMIT > Hosts Table).

ExportPS

The file size of the ExportPS output file has been enlarged from its current size of **1130 x905** to **1160x950 (B1)**.

Enhanced PDF2GO

Brisque PDF2Go is used to convert CT/LW pages and jobs to PDF file format. Brisque 4.1 provides the following benefits:

- Smaller PDF files
- Faster previewing in Adobe Acrobat
- Faster final output
- Generates legal PDF/X-1a files

Version 4.1 files are displayed faster on Acrobat Viewer and are RIPed faster on any RIP.

Packaging

LRS EPS option

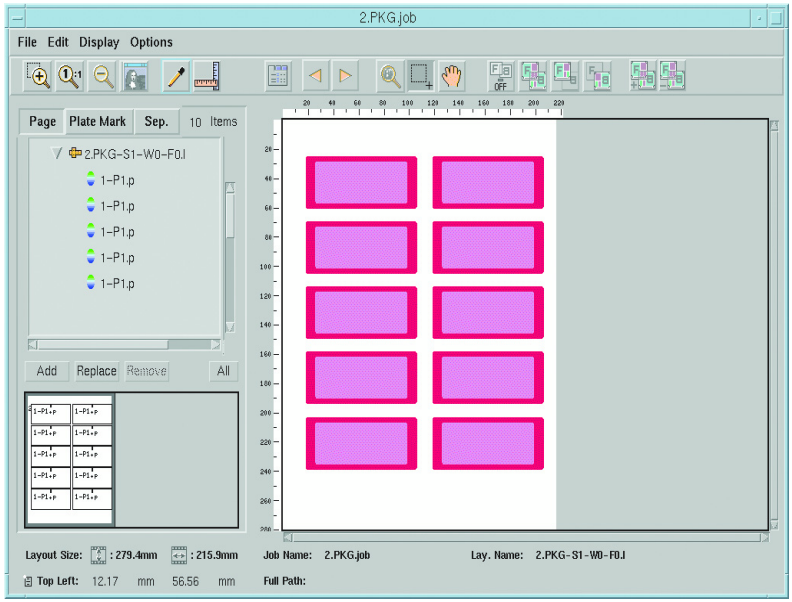
The **EPS Page Preview** box for the packaging workflow has been renamed **LRS EPS**. You can choose the resolution for the LRS EPS file from the following list:

- 72
- 144
- 288
- 300

Display Transparent Mask

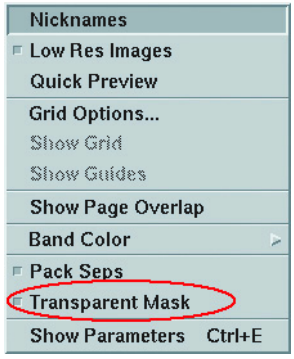
By default, the transparent areas of a mask are not visible. In Preview, the **Transparent Mask** option enables you to view the transparent areas. The transparent areas are visible in low-resolution workflow only.

A preview of the layout without the transparent mask option enabled is shown here:

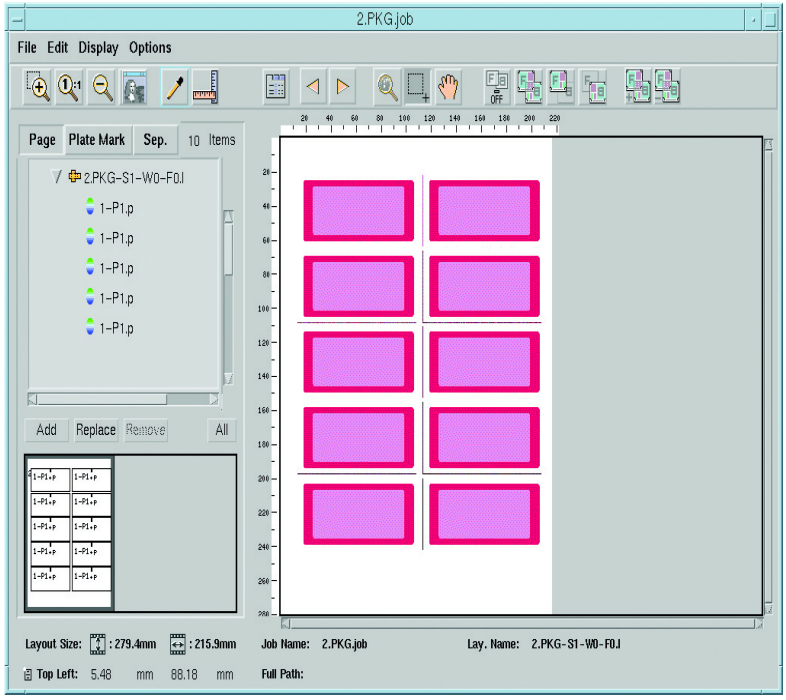


To view the transparent mask option:

➢ From the Display menu, select the **Transparent Mask** option.



The preview of the layout with the transparent mask appears:



Enhanced Brisque MacClient

The following Brisque options have been added:

Operation	Option Added
FAF	Template Default Reset Miter Join
Plate Expose	Lotem Flexo support Additional Alignment options are available for Trendsetter devices.
Proof	Veris support Search SpotDB with Short PANTONE Names Limit label to file width
Spectrum	Ignore Pack Seps. Search SpotDB with Short PANTONE Names The **Sep. handling** drop down menu contains the same options as Brisque. Limit label to file width Color Combiner support ICC Profile support

Operation	Option Added
KodakXP4	Ignore Pack Seps. Search SpotDB with Short PANTONE Names The **Sep. handling** drop down menu contains the same options as Brisque. Multi-device support Limit label to file width
Pdf2Go	PDF/X 1a2001 support Tag ICC check box Export Mode
Send	Do not send .rsrc dirctory
RIP	PDF handling-enhanced handling CT handling - SmartEdge, EPS LRS
PCF RIP	PDF handling- Enhanced handling SmartEdge EPS LRS
Improof	Page/Layout frame trim size (within the External > Params dialog box) Search SpotDB with Short PANTONE Names Slug parameters: ICC profile names and Limit label to file width
ImpoCheck	Check for Overlapping Pages

Operation	Option Added
Screen2Go	Additional alignment options Ignore Pack Seps. Auto Arrange layout params Flexo Media
Expose	Ignore Pack Seps.
Lotem Spectrum	All options
Arrange	All options

Working with Preps

Dynamic Marks Options

The following Mark Color options for Rectangle or Text are supported:

- Process Color
- The Black separation (on all the separations).

New Text Mark Variables

Text Marks in Preps now support the following options:

Plate ID

To expose to plate the Plate ID No. on the layout in Brisque, type `$plateid` or `$plate_id` in the Preps Text Mark variable box (note that the variable is not case sensitive). The Plate ID number appears in the variable field in Plate Expose only. In all other output applications the variable appears as text.

Screen_Set

To view the name of the screen set on the layout in Brisque, type `$screenset` (note that the entry is not case sensitive) in the Preps Text Mark variable box. The Screen Set name appears in both Expose and Plate Expose. In all other output operations the variable appears as text.

ExCurve

To view the Excurve on the layout in Brisque, type `$excurve` in the Preps Text Mark variable box. The Excurve value appears in all the relevant output operations. In other output operations it appears as text.

Tone_Rep

To view the Tone_Rep on the layout in Brisque, type`$tonerep` or `$tone_rep` in the Preps Text Mark variable box (note that the variable is not case sensitive). The Tone_ Rep value appears in all relevant output operations. In all other output operations it appears as text.

Text Mark Size

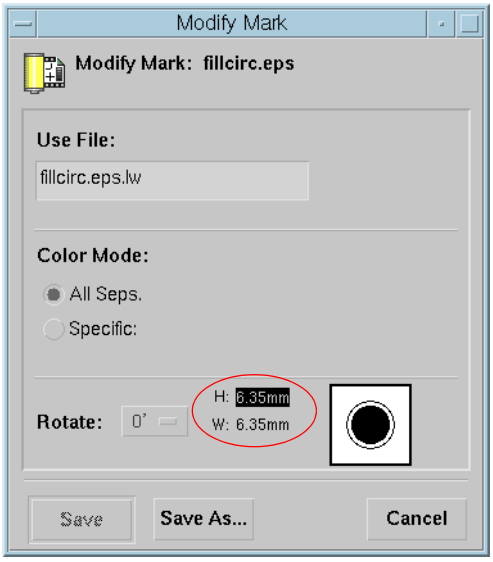
The size of the Rectangle and Collation marks correspond to the size defined in the width and height boxes in Preps.

Adding and Viewing Marks

You can now view the size of the Mark in the Mark Library and mount Marks onto the Macintosh more simply and quickly. The features that facilitate these improvements are described in this section.

Viewing the Mark Dimensions

The Mark height and Mark width appear in the Mark Inventory in Preview and in the Mark library as shown here:



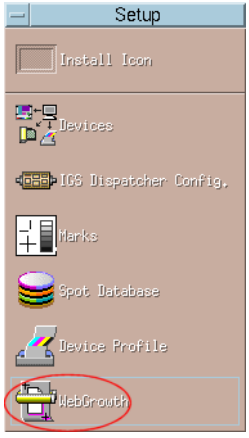
Mark Library Name

When you mount the Mark library on a Macintosh, it automatically adopts the name <host_name>.marks. This allows you to easily differentiate between the different Brisque libraries on the Macintosh.

Web Growth Operation

Web Growth is a phenomenon that occurs in web printing when certain colored areas are misaligned. This misalignment is caused by paper expansion, and the pull & drag associated with printing towers.

The Web Growth operation, located on the Setup Panel, enables you to compensate for the misregistration of CMYK color elements by shifting them back to the center of the paper, necessitating only one imposition Job.



For more information, see *Correcting Web Growth*, *653-00158A*.

Note: Web Growth is a password protected option and requires a license that is obtainable from Creo.

Enhanced Versioning

The Versioning operation on Brisque version 4.1 introduces enhanced features that facilitate work with versioning Jobs.

These features are:

- User-defined naming convention sets — enabling you to create, customize, test, and use your own specific file naming convention sets
- Merged Job editing — enabling you to add, replace, delete, and test version and base files in both a merged and unmerged Job environment

Creating User-Defined Naming Convention Sets

Note: In previous versions of Brisque, version files had to be named according to specific naming convention sets, which were recognized by the application. However, you may create your own naming convention sets in version 4.1.

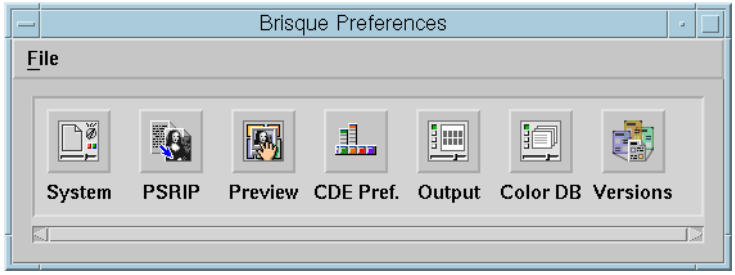
Using Versioning Preferences in Brisque version 4.1, you can create, customize, test, and use your own specific file naming convention sets. By creating your own naming convention sets, you can better organize and maintain your version files.

To access Versioning preferences:

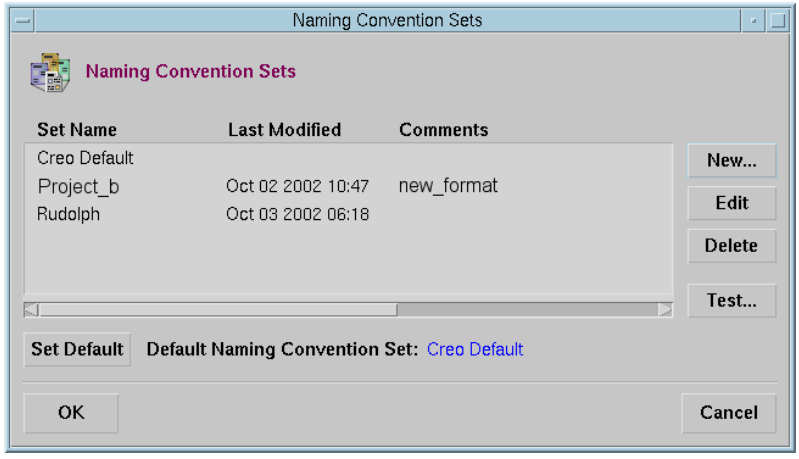
1. From the **Brisque Launch Pad**, open the **Utilities** panel and double-click the **Prefs** icon.

   The Brisque Preferences window is displayed.

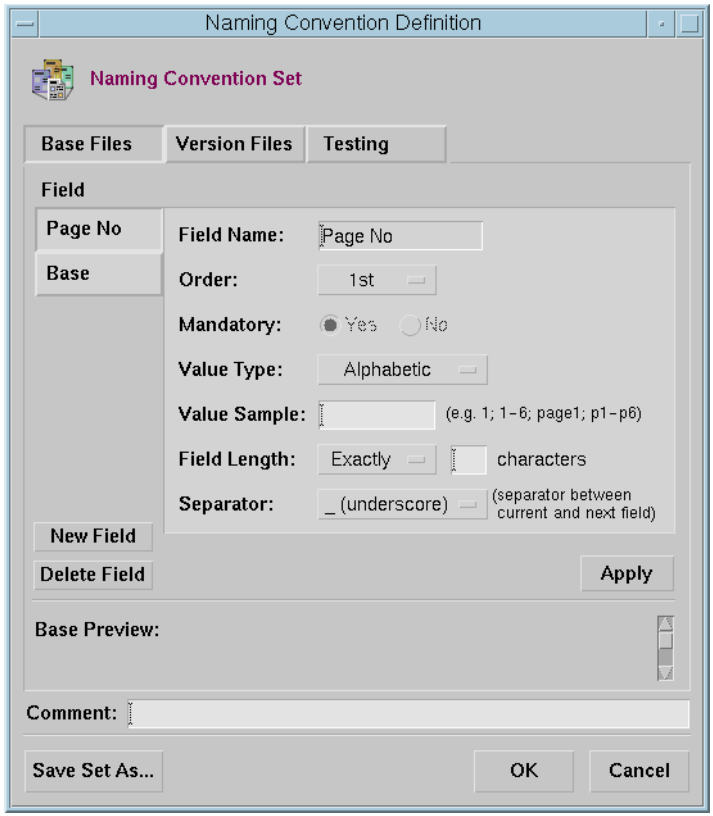
2. In the **Brisque Preferences** window, click the **Versions** icon.



The Naming Convention Sets dialog box which lists the existing naming convention sets is displayed.



Create a new naming convention set



The Naming Convention Definition dialog box contains three tabs. On the first tab, **Base Files**, you define the naming convention set used on base files. On the second tab, **Version Files**, you define the naming convention set used on version files. The third tab, **Testing**, enables you to test the naming convention sets you defined on your files.

The Base Files and Version Files tabs contain identical parameters. The differences lie in the names of fields.

To create a new naming convention set:

1. In the Naming Convention Sets dialog box, click **New**.

   The Naming Convention Definition dialog box is displayed.

2. Select the **Base Files** tab.

3. Under the **Field** section, click one of the buttons on the left side. For example, if you click **Page No**, its relevant parameters are displayed.

   To create a new field, click the **New Field** button, and type a name in the **Field Name** box.



   Note: The **Page No**, **Base**, and **Version** field names cannot be modified.

4. In the **Order** list, select the location of the field in relation to the file name.

   For example, for a file named **p-12_Eng_Orange.job**, you would choose the following field locations:

   - p-12 = 1st field
   - Eng = 2nd field
   - Orange = 3rd field

5. For **Mandatory**, if the field is a mandatory field, meaning that this part of the file name will always appear, select **Yes.** If not, select **No.**



   Note: The **Page No**, **Base**, and **Version** fields are mandatory and cannot be deleted.

6. In the **Value Type** list, select the type of value the field consists of.

   - Select **Numeric** for fields containing only numbers (for example, “2512”).
   - Select **Alphabetic** for fields containing only letters (for example, "Eng").
   - Select **Mixed** for fields containing any combination of numbers, letters, and special characters (for example, "p-12").

   For example, if the field value contains data such as P-1, select **Mixed.**

7. In the **Value Sample** box, type an example of the value you selected for **Value Type.** For example, the value “5” would serve as an example for **Value Type - Numeric.**



   Note: The **Value Sample** field is available only with **Page No**, **Base**, and **Version** fields.

8. In the **Field Length** list, select an operator, and use it to define the number of characters that appear in the field, as follows.

    - Select **Exactly** if you know the precise number of characters that appear in the field.
    - Select **At Least** if you know the minimum number of characters that appear in the field.
    - Select **Up To** if you know the maximum number of characters that appear in the field.
    - Select **Between** if you know the approximate number of characters that appear in the field. For example, this operator can be used for a field that contains between 3 and 5 characters.

    For example, if the **Value Type** for the **Page No** field is **Numeric**, and the files you work with are numbered 1-20, set **Field Length** to **At Least** and type 1 in the **characters** box.

9. In the **Separator** list, select the type of separator that will appear between the current field and the next one.

    Choose from the following options:

    - Select _ **(underscore)** if you want an underscore to appear between the current and the next field.
    - Select **. (dot)** if you want a dot (period mark) to appear between the current and the next field.
    - Select **(none)** if you do not want anything to appear between the current and the next field.



Note: The definition of a separator does not affect the addition of the Job suffix (.job) to the merged Job's file name.

10. Continue by adding similar definitions in the remaining fields.
11. Click the **Version Files** tab, and define the fields according to the naming convention sets you want to apply to your version files.
12. Click **Apply** to apply all the definitions.

    An example of a file name set based on the naming convention set you defined is displayed in the **Base/Version Preview** section.

13. Click **OK** to save the set's definitions, or click **Save Set As** to save the set's definitions with a new naming convention set name.

Example of the Version field in a naming convention set

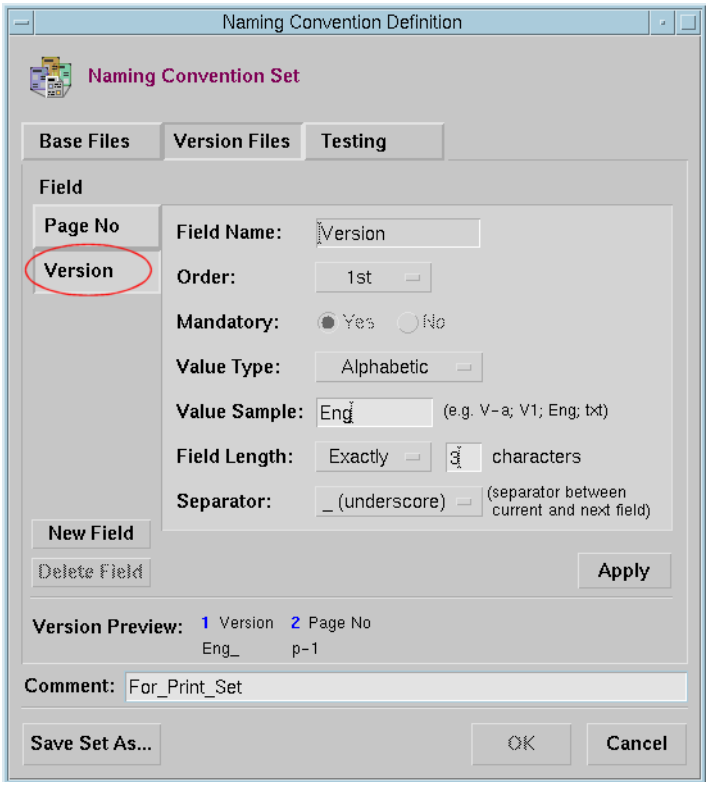
The following example shows how you might define the file name of a version and is also shown in the illustration of the Naming Convention dialog box below:

- **Field Name** — Version
- **Order** within the file's name — 1st
- **Value Type** — Alphabetic. The version field contains only letters
- **Field Length** — the name of the version is limited to three letters. Therefore, the number of characters is **Exactly** 3



Note: When counting the number of characters, take into account letters, numbers, and special characters.

- **Separator** — the _ **(underscore)** separator is selected because the version name is followed by the page number



Example of the Page No field in a naming convention set

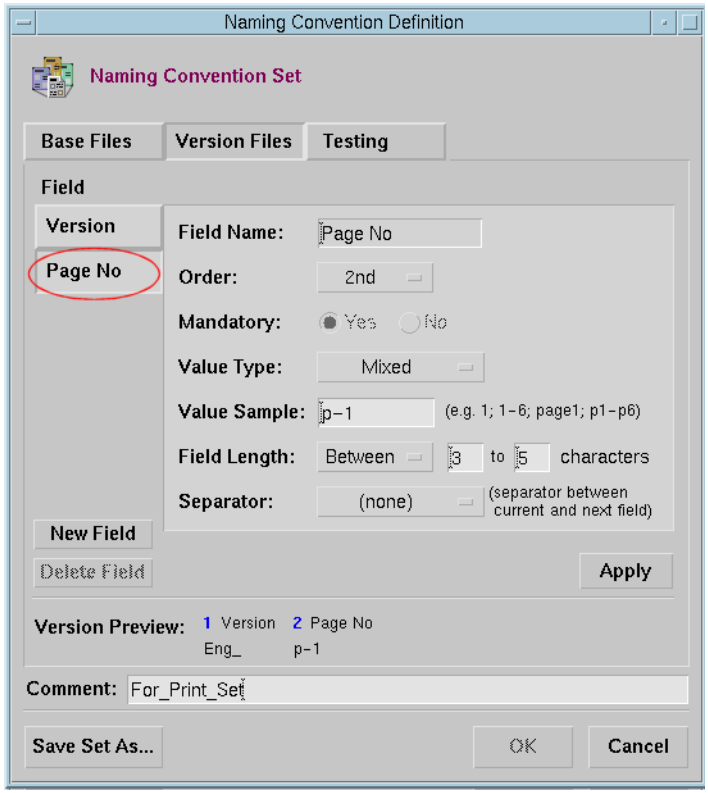
The following example shows how you might define the file name of a page number and is also shown in the illustration of the Naming Convention dialog box below:

- **Field Name** — Page No
- **Order** within the file's name — 2nd. The version is defined as the first field
- **Value Type** — Mixed. The page number contains a combination of both letters and numbers
- **Field Length** — the page number may range from p-1 to p-999. Therefore, the number of characters is **Between** 3 and 5



Note: When counting the number of characters, take into account letters, numbers, and special characters.

- **Separator** — the **(none)** separator is selected since the page number is the last field in the file name



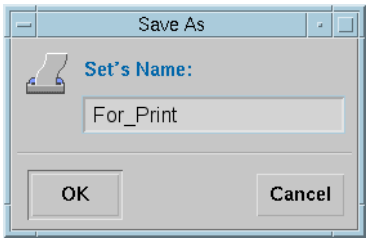


Tip: You may type a comment in the **Comment** box. These comments appear in the Naming Convention Sets dialog box and do not affect the definition of the naming convention set.

Once the naming convention set has been defined, proceed to saving the set for future use.

To save a naming convention set: as new:

1. In the Naming Convention Definition dialog box, click **Save Set As**.



2. In the **Set's Name** box, type a name for the set, and click **OK**.

   The naming convention set is saved.

Deleting a Naming Convention Set

To delete a naming convention set:

1. In the Naming Convention Sets dialog box, select the set you want to delete.
2. Click the **Delete** button.

   A warning message is displayed.
3. Click **Yes**.

   The selected set is deleted from the **Set Name** list.

Editing a Naming Convention Set

To edit an existing naming convention set:

1. In the Naming Convention Sets dialog box, select the set that you want to edit.
2. Click **Edit**.

   The Naming Convention Definition dialog box is displayed.
3. Modify the set's parameters as described in the procedure that begins on page 3.
4. Click **OK** to save your modifications.

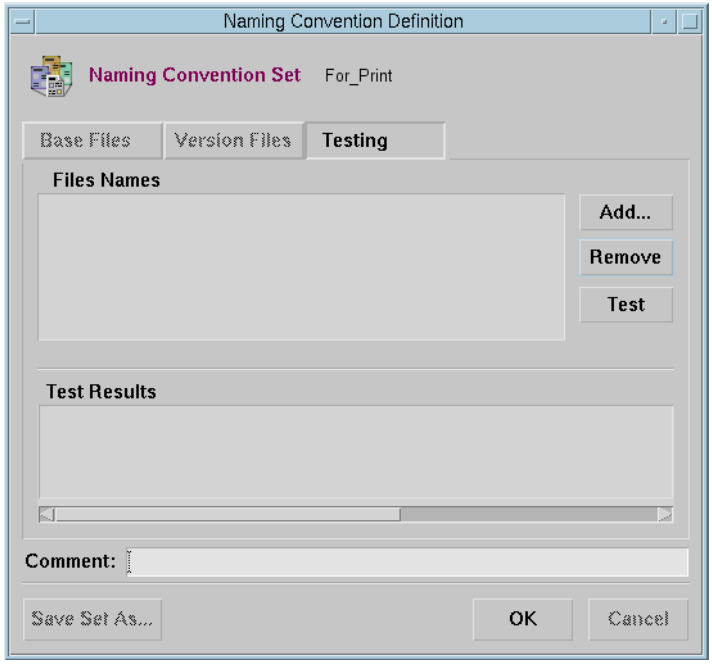
Testing a Naming Convention Set

Brisque provides a testing option that enables you to check whether your files are compatible with your naming convention sets.

To test a naming convention set:

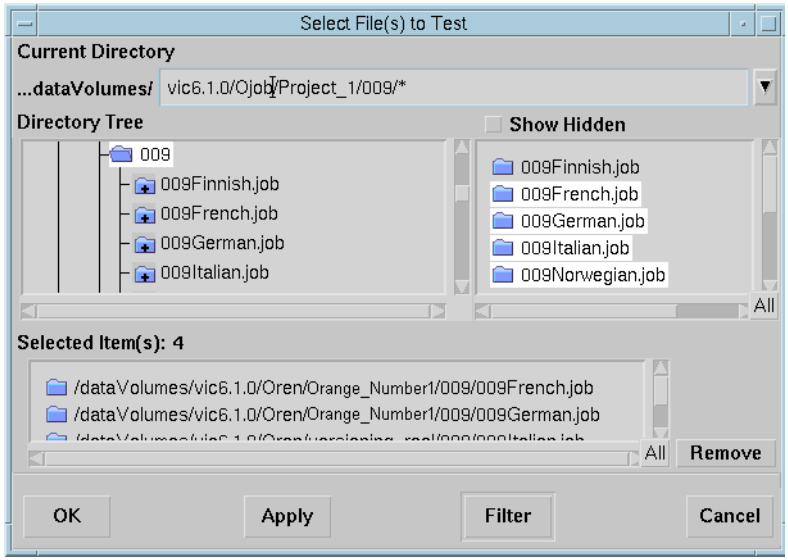
1. In the Naming Convention Sets dialog box, select the set you want to test on the files.
2. Click **Test.**

   The Naming Convention Definition dialog box appears, displaying the Testing tab.



3. Click **Add.**

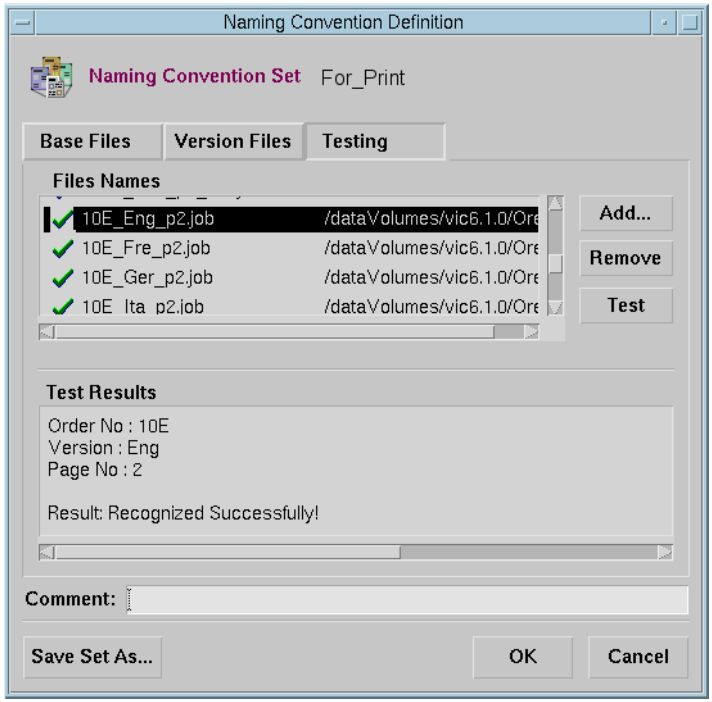
   The Select File(s) to Test dialog box is displayed.



4. Browse through the **Directory Tree** and select the files that you want to test.

   The selected files are displayed in the **Selected Item(s)** list.

5. Click **OK**.



Results of the test are displayed in the **Test Results** section.

Tip: You can view additional file information by clicking the file's name.

To define a naming convention set as default:

1. In the Naming Convention Sets dialog box, select the set you want to define as the default set.
2. Click the **Set Default** button.

   The selected set is assigned as the default set.
3. Click **OK**.

Editing Merged Jobs

You may use the Versioning operation to do the following:

- Prepare the list of base and version files for merging according to the basic Versioning workflow described in *Versioning on the Brisque version 4.0 User Guide, 399Z1R380B*.
- Edit an existing merged Job. Using the Edit option, you can add, remove, and replace versions and reconfigure general Versioning parameters.



Note: Merged Jobs that have been edited must be remerged in order for the modifications to take effect.

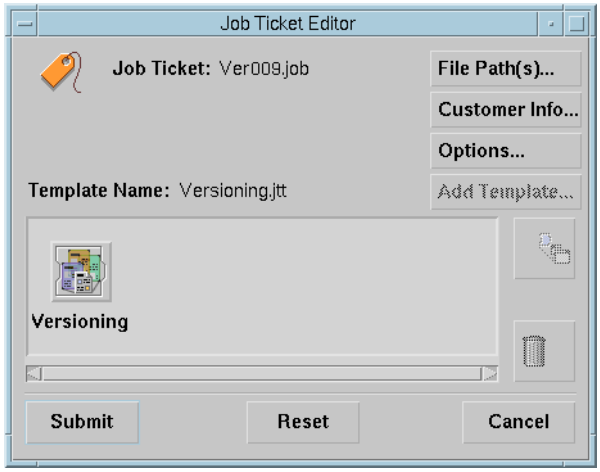
To access the Versioning parameters:

1. Open the **Operations** panel, and drag a merged Job to the **Versioning** icon.



Or, right-click the merged Job and select **Versioning**.

The Job Ticket Editor dialog box is displayed.

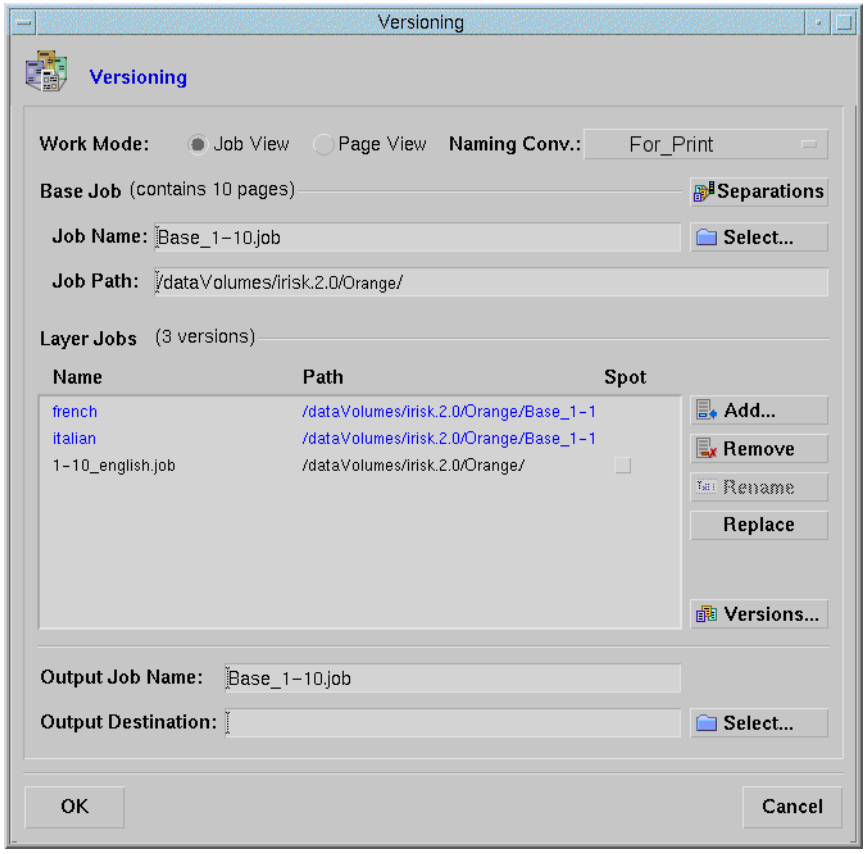


2. Double-click the **Versioning** icon.

   The Versioning dialog box is displayed.

Adding a Version

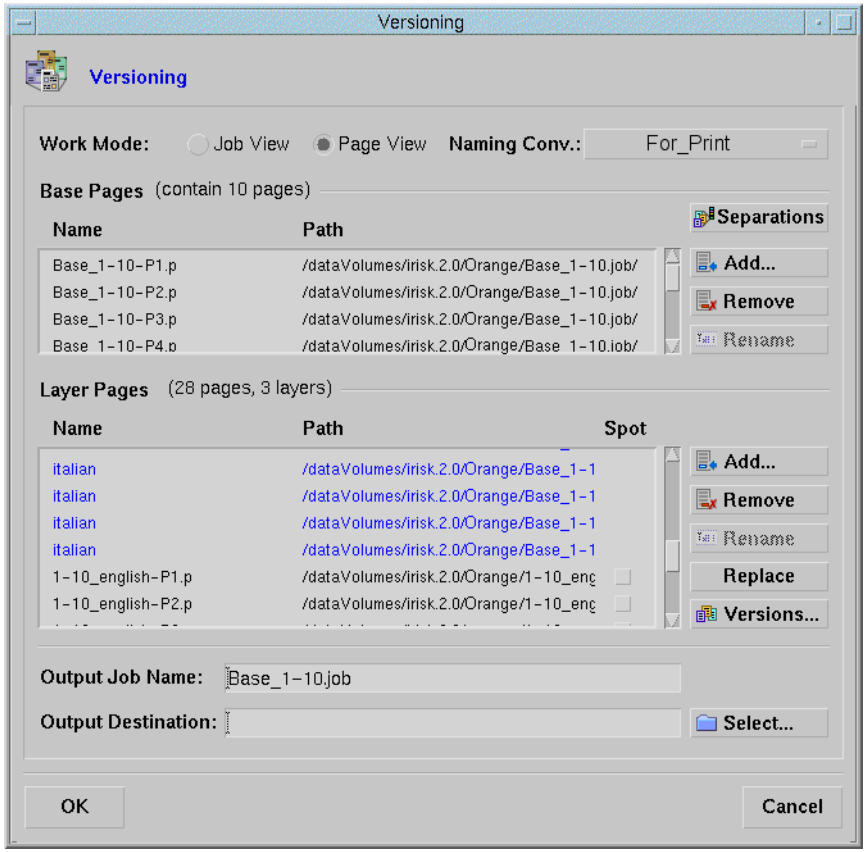
The procedures necessary for adding versions differ from the Job View mode to the Page View mode. In Page View mode, you add Base pages and Layer pages, while in Job View mode, you add only Layer Jobs.



To add a version in Job View Mode:

1. In the Versioning dialog box, for **Work Mode**, select **Job View.**
2. In the **Naming Conv.** list, select the relevant naming convention set.
3. Under the **Layer Jobs** section, click **Add**.
4. Browse to and select the version Job that you want to add, and then click **OK**.

   The version Job is added to the list.
5. Remerge the Job. For information, see *page 140*.



To add a version in Page View Mode:

1. In the Versioning dialog box, for **Work Mode**, select **Page View.**
2. In the **Naming Conv.** list, select the relevant naming convention set.
3. Under the **Base Pages** section, click **Add**.
4. Browse to and select the base pages you want to add to the existing Job, and then click **OK**.

   The selected base pages are added to the list.
5. In the **Layer Pages** section, click **Add**.
6. Browse to and select the layer pages you want to add to the existing Job, and then click **OK**.

   The selected layer pages are added to the list.
7. Remerge the Job. For information, see *page 140*.

Deleting a Version

Deleting a version in Job View mode removes the version from all the merged Job pages, whereas deleting a version in Page View mode affects only the specific page.

To delete a version in Job View Mode:

1. In the Versioning dialog box, for **Work Mode**, select **Job View.**
2. Select the version you want to delete.
3. Click **Remove**.

   A message is displayed.
4. Click **Yes**.

   The selected version is removed from the list.
5. Remerge the Job. For information, see *page 140*.

To delete a version in Page View Mode:

1. In the Versioning dialog box, for **Work Mode**, select **Page View.**
2. Select the version you want to delete from a specific page.
3. Click **Remove**.

   A message is displayed.
4. Click **Yes**.

   The selected version is removed from the list.
5. Remerge the Job. For information, see *page 140*.

Replacing a Version

Replacing a version in Job View mode removes the version from all the merged Job pages, whereas replacing a version in Page View mode affects only the specific page.

To replace a version in Job View Mode:

1. In the Versioning dialog box, for **Work Mode**, select **Job View.**
2. From the **Naming Conv.** list, select the relevant naming convention set.

3. Select the version you want to replace.
4. Click **Replace.**

   A message is displayed.
5. Click **Yes**.

   The selected version is replaced.
6. Browse to and select the version you want to use, and then click **OK**.

   The selected version is replaced.
7. Remerge the Job. For information, see *page 140*.



Note: The new version must comply with the selected naming convention set.

To replace a version in Page View Mode:

1. In the Versioning dialog box, for **Work Mode**, select **Page View.**
2. From the **Naming Conv.** list, select the relevant naming convention set.
3. Select the version you want to replace from a specific page.
4. Click **Replace**.

   A message is displayed.
5. Click **Yes**.
6. Browse to and select the version you want to use, then click **OK**.

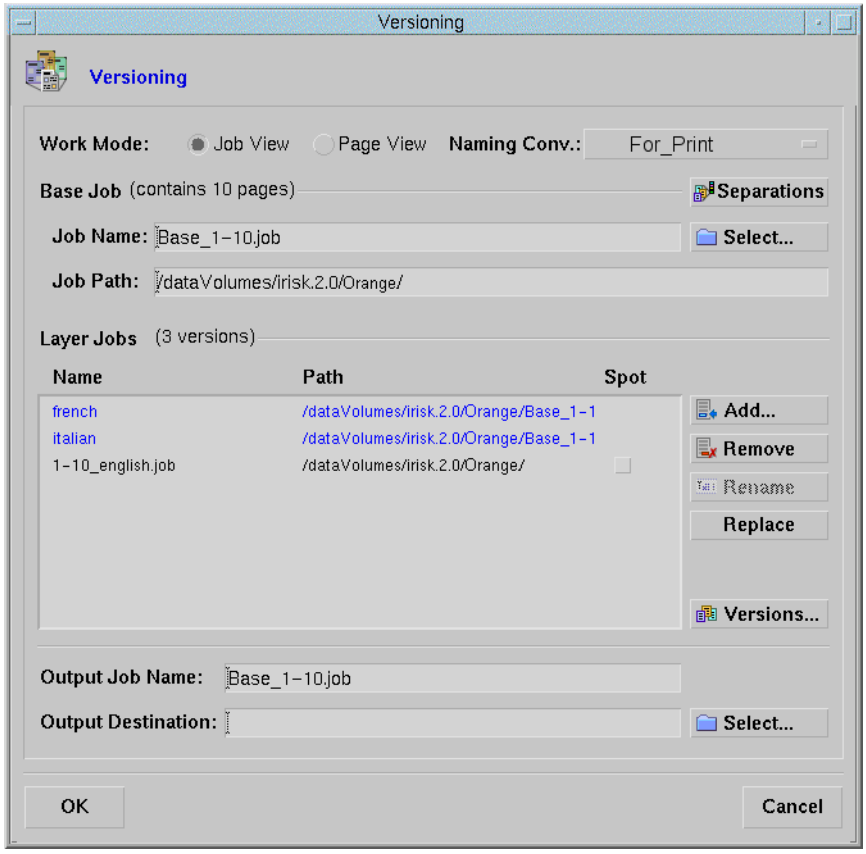
   The selected version is replaced.
7. Remerge the Job. For information, see *page 140*.



Note: The new version must comply with the selected naming convention set.

Remerging the Job

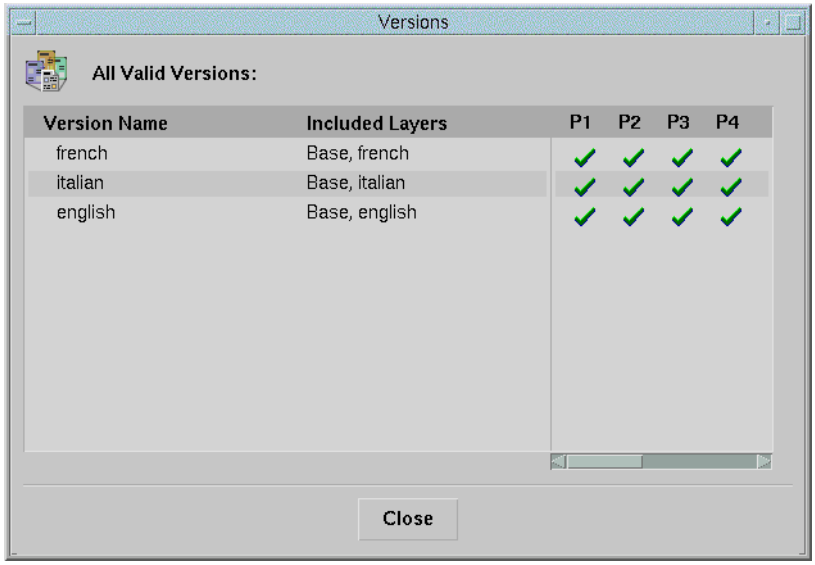
Once you have finished editing a merged Job, you may check the validity of related version files. However, you must remerge the Job for changes to take effect.



To check the validity of version files:

➢ In the Versioning dialog box, click **Versions**.

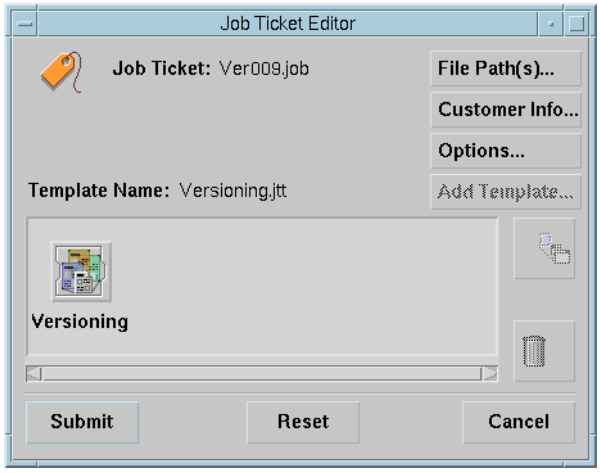
The Versions dialog box is displayed listing the version files and their status relative to each page.



To remerge the Job:

1. In the Versioning dialog box, click **OK**.

   The Job Ticket Editor dialog box is displayed.



2. Click **Submit**.

   The remerging process begins.

System Administration

The features in this section improve Brisque efficiency and data safety. Most of the features mentioned here are transparent and are used and monitored by Creo Service Engineers only.

SciSmit

Devices

The **Peripherals** option has been removed.

Communication and Servers

FDD has been removed.

Volume Size

You can choose from the following options:

Max, 128, 64, 32, 18, 16, 4, 2

The option 128-GB has been added, and the maximum volume size has been increased to 146-GB.

Customer Maintenance

Located under Problem Determination, Customer Maintenance performs automatic system maintenance. It is recommended that you schedule Customer Maintenance once a week.

Customer Maintenance does the following:

1. Checks that the CDE application is closed. If it is open, Customer Maintenance closes the program.
2. Closes Helios, NFS and Legato (if Legato is installed), on all stations.
3. Runs the Helios rebuild and empties the trash on all volumes.
4. Unmounts all the volumes and then runs fsck on all the volumes.

5. If Legato is intalled, runs nsrck on the indexes.
6. Creates a log file with all the errors in =/scitex/version/logs/cust_maint_err.log
7. Reboots the system.

Customer Maintenance includes the following options:

- **Run immediately**—select this option to activate Customer Maintenance.
- **Show Schedule**—select this option so display the current schedule.
- **Change Schedule**—select this option to change the schedule.
- **Remove Schedule**—select this option to remove the schedule.

Enhanced FSCK

Check DataVolumes (FSCK) with **-y** as default. Previously the default was **-p**. The **-y** option instructs the system to automatically fix any problem found during the FSCK process.

/var File System

The /var file system has been increased to accommodate an additional 50 MB for a system dump. The system dump feature is active by default.

Performance Tuning

This version includes the IBM nmon tool. The tool displays the following performance tuning information on one screen and updates it dynamically:

- CPU utilization
- Memory use
- Kernel statistics and run queue information
- Disk I/O rates, transfers, and read/write ratios
- Free space on file systems
- Disk adapters

- Network I/O rates, transfers, and read/write ratios
- Paging space and paging rates
- CPU and AIX specification
- Top processors
- IBM HTTP web cache

The information can be captured to a text file for later analysis.



For more information, go to:

http://www-1.ibm.com/servers/esdd/articles/analyze_aix/index.html

Installing Brisque Updates

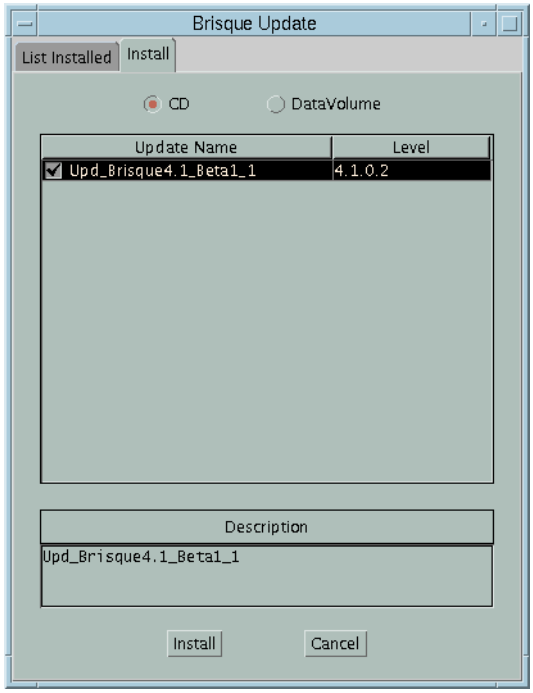
This operation allows you to install updates to Brisque software from either a CD-ROM or Brisque data volume without having to log off the system. That is, you can update the system within the CDE application.

To install an update:

1. On the Services panel, click **Load Update**.



2. In the **User Name** box, type **root** and in the **Password** box, type **ripro**. After 20 to 30 seconds, the Load Update application dialog box appears.
3. If you are installing the software from a CD, insert the disk into the CD ROM drive.
4. On the Install tab, select the **CD** option button to install the software from the CD ROM drive, or the **Data Volume** option button to install the software from a local data volume. When you install an update from the local data volume, copy the updated image file to the first data volume in the folder named **updates**.



5. Select the check box adjacent to the software you want to install.

   The software appears in the **Description** box.

6. Click **Install**. The system will restart automatically before it installs the software. It will restart automatically again when the software is installed.

7. If you installed the software from the CD ROM drive, after the system has restarted, remove the CD from the drive.

Backup with Legato Client

If you have a Timna, Creo Server, or Brisque Serve installed on your site and you want to back up additional Brisque data volumes over the network to the server jukebox, you must install Legato Client software. The backup is performed according to a schedule defined on the server.



For information on installing and configuring the Legato Client software, see the *Networker Installation Guide, 399X50081G*.

Legato client daemons are activated every time Brisque is restarted. If you need to unmount a file system, which would ordinarily be prevented by the Legato Client, this option can be disabled via SciSmit.

To disable Legato daemons,

1. From the SciSmitSelect **Backup and Restore** > **Automatic Backup and Restore**
2. Select **Shutdown Backup Daemons.**

Restoring the Configuration Settings of a Previous Version

You can restore the entire configuration settings of Brisque versions 3.038 and 4.0.97.

To restore a previous configuration:

1. On the Brisque Launch pad, from the Services Panel, click the SciSmit Update icon.

   The login dialog box appears.
2. In the **User Name** box, type **root** and in the **Password** box, type **ripro.**
3. Select **Backup and Restore.**
4. Select **Save and Restore Configuration to Data Volume.**
5. Select **Restore Configuration from Previous Version.**

Enhanced File Recognition System

A Brisque Utility, named the DT Manager, ensures that the Helios application assigns a unique Resource ID. A unique Resource ID is assigned every time a file is processed by a Brisque operation and every time a file is copied or moved.

This enhancement ensures that files are reliably and securely transferred from Brisque to Macintosh.

Rebuild Desktop Utility

The DT Manager utiltiy eliminates the need to run the Rebuild Desktop operation hourly. In this version, Rebuild Desktop runs once a day at 3:00 am.

System Disk Mirroring

Working in the background, this software application mirrors the system disk to prevent the loss of system data due as a result of hard disk failure. The data stored on the system disk is copied to a second hard disk. Once the copying is complete, the system data is written to both hard disks.

System Disk Mirroring supports the IBM 6F1 and F50 platforms only.



For more information, see *System Disk Mirroring for Brisque and Brisque Serve, 399Z3R606A*.

To create system data redundancy, install a second hard disk that is identical in size to the disk supplied with the system. After the software script **mirrordisk.sh** is activated from the AIX command line, both hard disks operate in parallel.

In addition to mirroring the system disk, the **mirrordisk.sh** script launches the redundancy script **check-redundancy.sh**, which monitors the platform's power supply, fan, and hard disks. If one of these items fails, a flashing alert message appears hourly on the screen.

If one of the system's hard disks fails, restore the functioning disk to the system's initial single-disk setup by activating the **unmirror.sh** script. Then replace the failed hard disk. Activating **mirrordisk.sh** will then restore the Mirror Disk process on the system.

After logging on to Brisque or Brisque Serve, the system administrator or service engineer can activate all the scripts remotely, a feature that significantly reduces downtime.

Hardware Requirements for Running System Disk Mirroring

- Two 9-GB, 18-GB, or 36-GB hard disks for the source and destination disk
- IBM 6F1 and F50 platforms with two, four, or six CPUs in redundant configuration

  If you use the IBM 6F1 platform you need 1-GB, 1.5-GB, or 2-GB of memory in redundant configuration. You also have the option to use four fans in redundant configuration and three power supply units in redundant configuration

ISDN Connection to Creo Service Centers

Your Brisque station can be connected to a remote service center via an ISDN connection. An ISDN connection enables faster connection speeds and enables the service centers to respond more efficiently.

Connecting the Computer

The Omni.net modem comes with a 25 pin, male to female cable, which is used to connect the main serial port of the modem to your computer serial port as seen in the following figures:

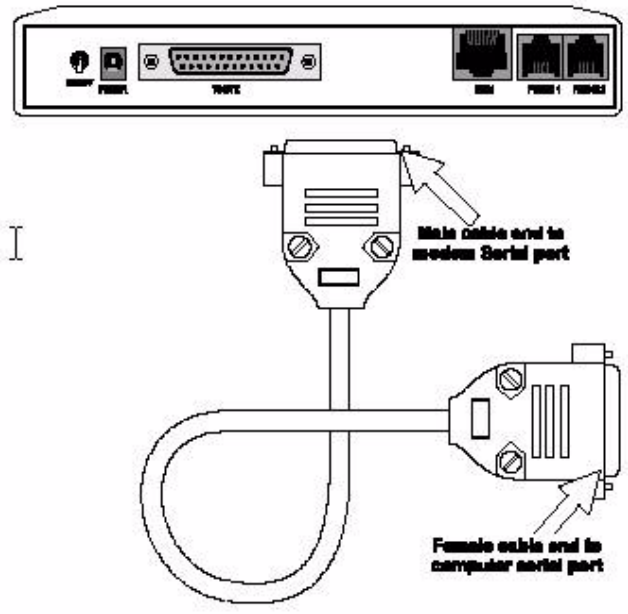
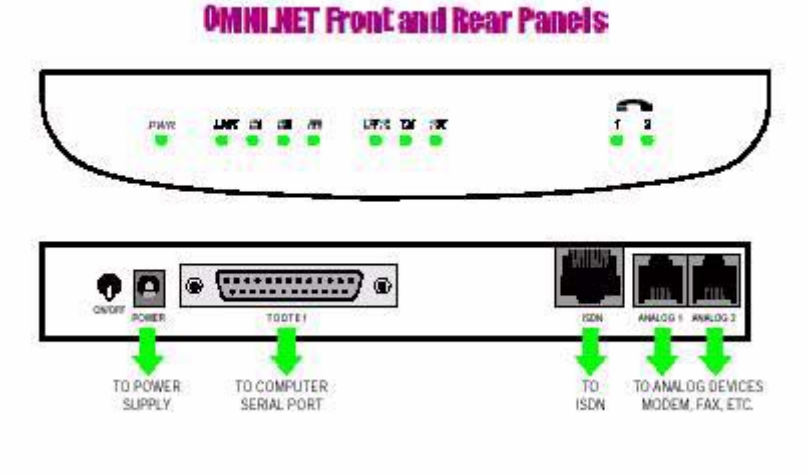


Figure 2-2 Connecting the omni.net to Your Computer



Complete the following steps to connect the modem to your computer:

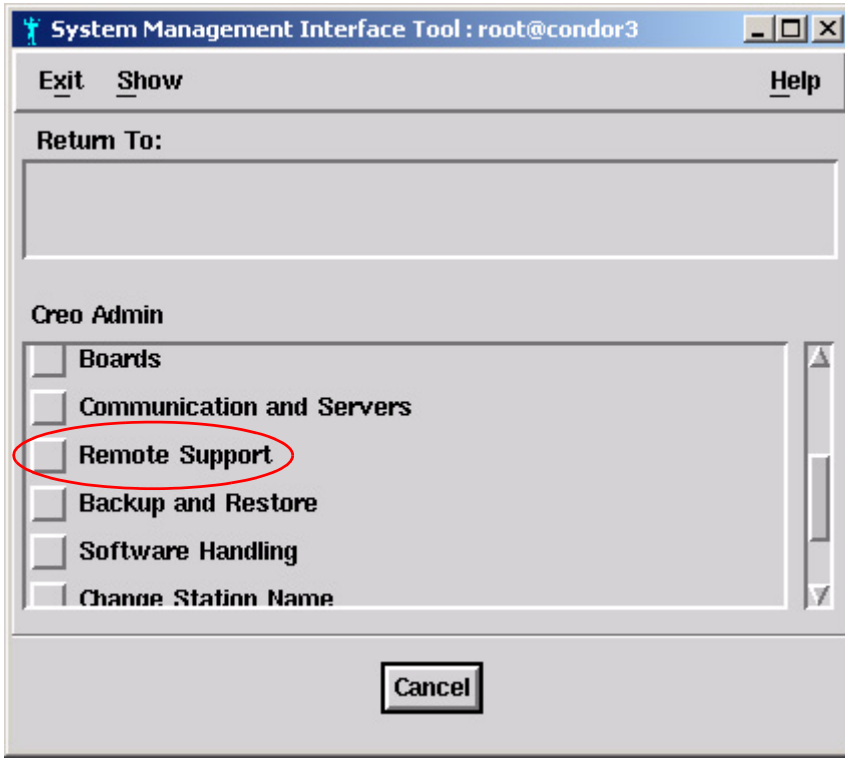
1. Locate the 25-pin serial port supplied with the modem.
2. Connect the male end of the 25-pin cable to the serial port of the modem.
3. Connect the other end of the cable (female) to the serial port of the Brisque workstation (COM2, if possible).

Setting Up the ISDN Modem

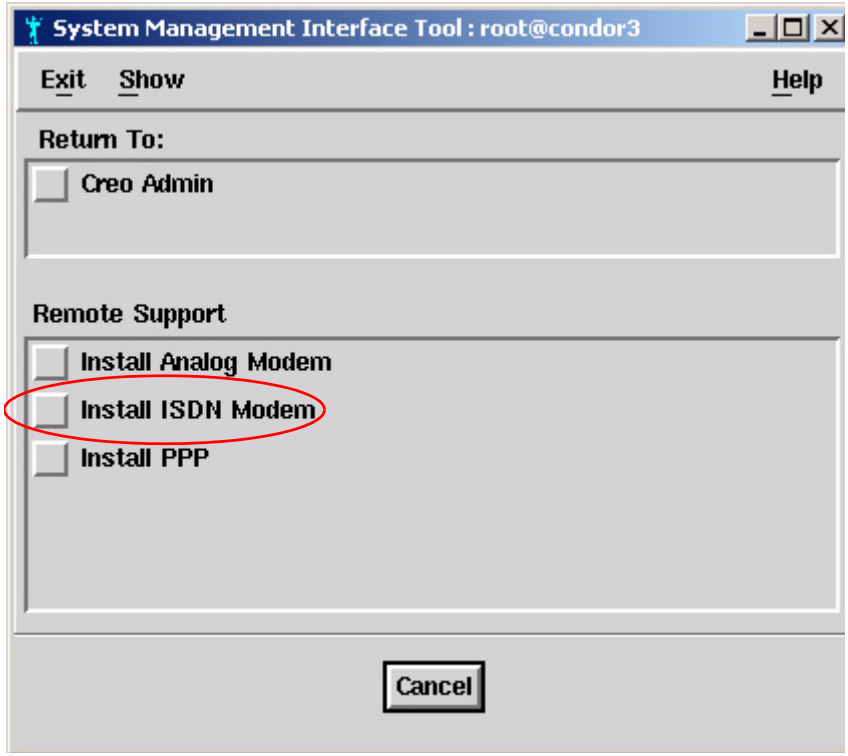
Note: This procedure is relevant to Creo EMEA remote support only. You must ensure that the modem is configured to accept calls from the RSS server.

To set up the ISDN modem perform the following:

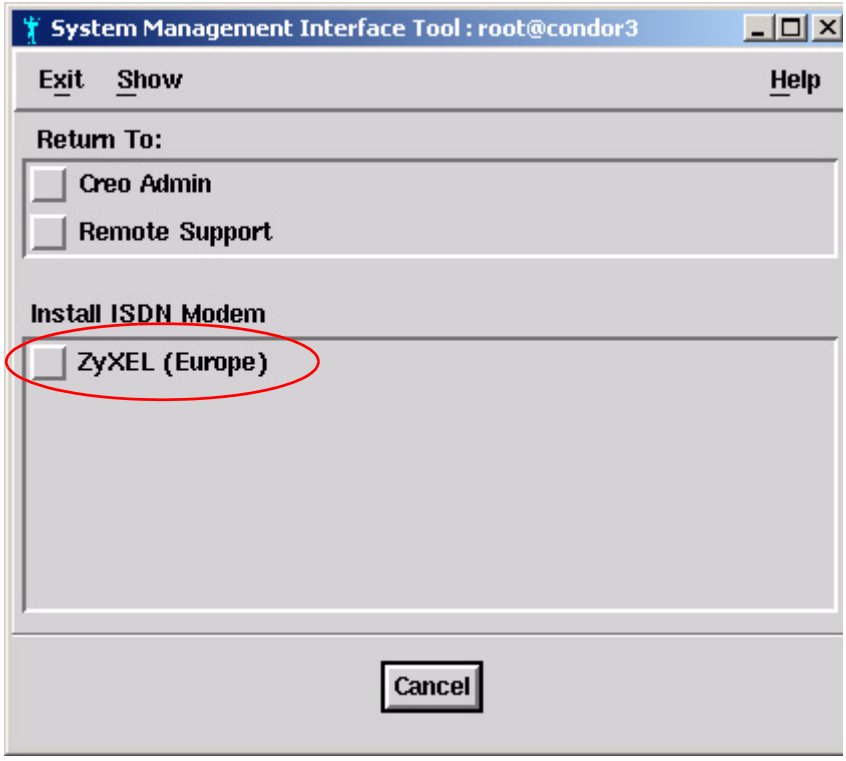
1. From the Services panel in the CDE, click the SciSmit icon.
2. From the main scismit dialog select **Remote Support:**



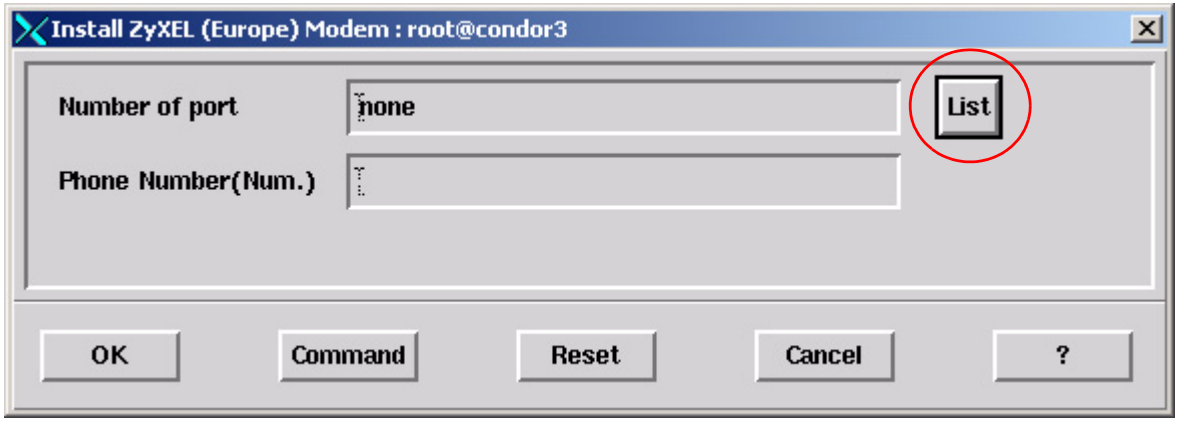
3. From the Remote Support options, select **Install ISDN Modem**.



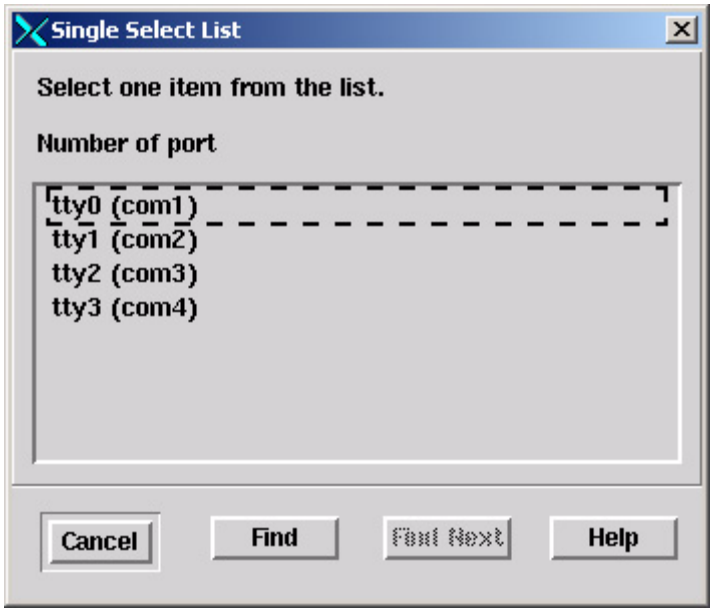
4. In the **Install ISDN Modem** pane, select the **ZyXEL (Europe)** check box.



5. The **Install ZyXEL (Europe) Modem** dialog box appears.

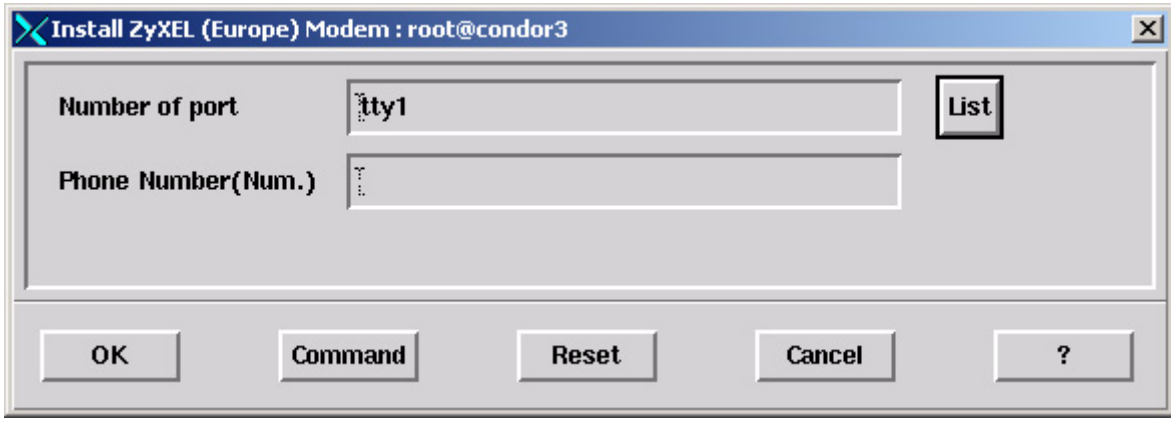


6. Click **List.** The Single Select List dialog box appears with a list of TTYs (COM ports).

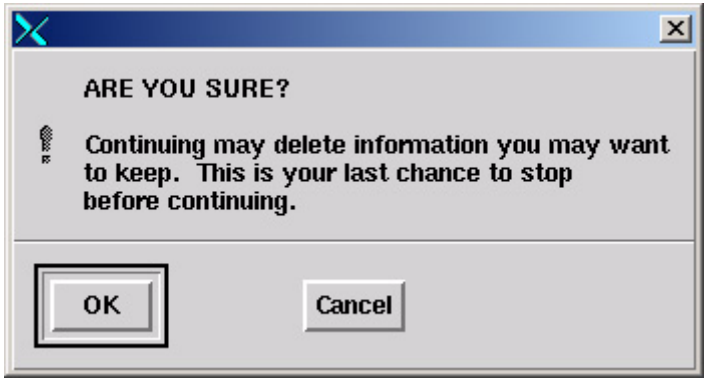


7. Double-click a port. The Install ZyXEL (Europe) Modem: root@condor3 dialog box appears with the name of the port in the **Name of port** box.

8. Leave the **Phone Number (Num)** box empty and click **OK**.

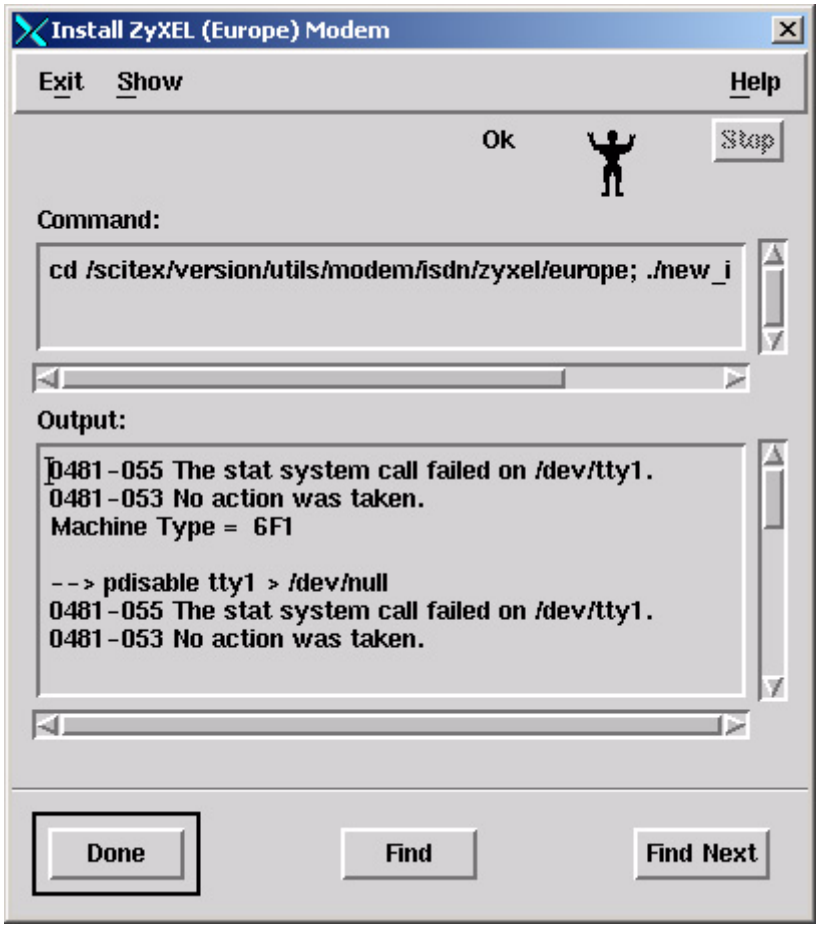


A confirmation box appears.

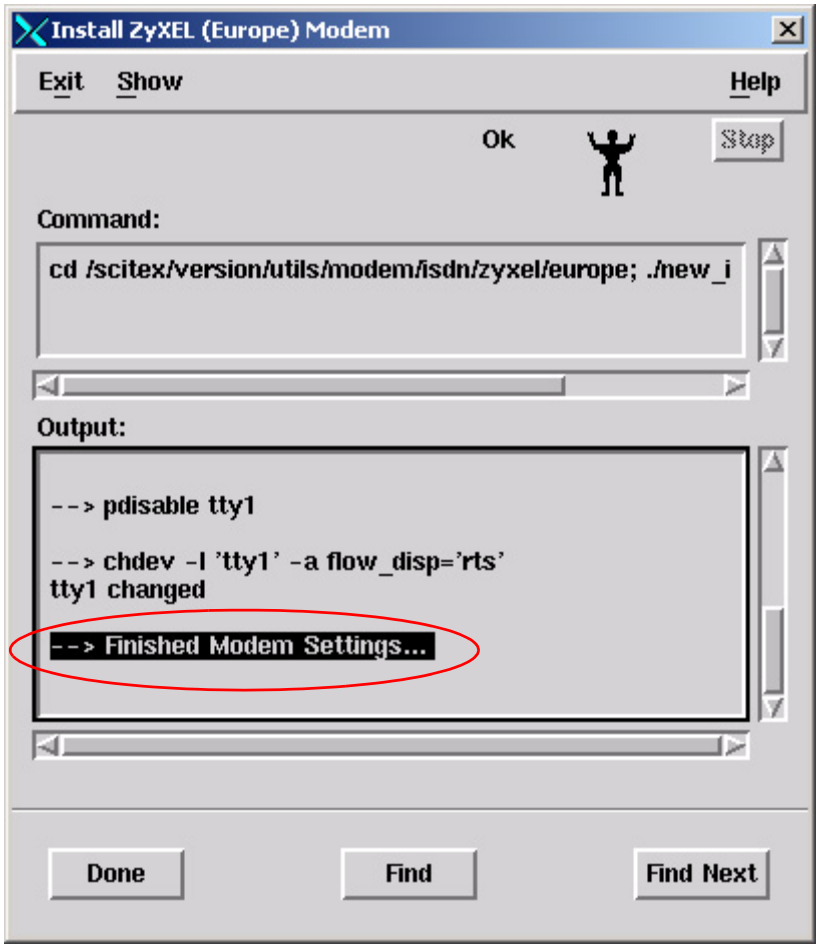


9. Click **OK**.

   The setup procedure begins.



When the setup process is complete, the message `Finished Modem Settings` appears at the bottom of the Output window.



10. Click **Done** to exit the scismit application.