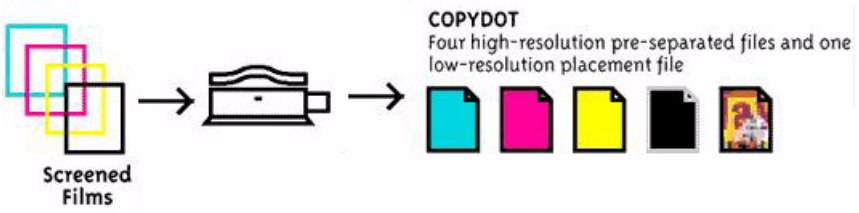
27 CopyDot Workflow

Overview 300
Scanning in LW Mode 302
Scanning in Bitmap Modes.....303
LW Scanning Versus Bitmap Scanning 305
Half Resolution Workflow 306
Sample Workflows.....307

Overview

The Brisque lets you incorporate digital files of scanned analog films (imagesetter output film), generated by the CreoScitex-supported scanners, into the Brisque production workflow.



The following scanners and software applications are supported by the Brisque:

Scanner	Scanner Software
CreoScitex Renaissance	Renaissance 2 scanner version 1.2[a]
CreoScitex Smart 342L	SmartDOT
CreoScitex EverSmart Pro	EverSmart DOT
CreoScitex EverSmart Supreme	EverSmart DOT
Purup-Eskofot Monoscan	Monoscan JPS[b]

a. For more information refer to *Appendix A.* on page 313.
b. Version 6.6Q - 8 (not including version 9). For more information refer to *Appendix B.* on page 315.

Limitation: While exposing CopyDot files on the Dolev or Lotem, you must use the TSP screen board on the Brisque.

Scan files in one of the following supported modes:

LW/NLW mode	Bitmap modes
To incorporate whole Pages that exist on analog film into your digital workflow.	To incorporate whole Pages that exist on analog film into your digital workflow.
When you want the scanned images to be ready for output from the Brisque. In this workflow, RIP is unnecessary.	When you want to incorporate a whole or partial analog bitmap Page into a digital Page. You can RIP the scanned image on the Brisque if it is a complete Page. Or, you can first place the scanned partial image on a PostScript Page, using a Page Layout application, and then RIP the PostScript file on the Brisque.



For detailed information on scanning with the supported scanners, refer to the following guides:

For Renaissance, see *Renaissance User Guide*.
For Purup Eskofot Monoscan, see *Monoscan Scanner User Guide*.
For CreoScitex Smart 342L with the SmartDOT special kit, see *SmartDOT for Smart 342 (L) Installation and User Guide (Cat. No. 399Z50374C)*.
For EverSmart Pro & EverSmart Supreme, *see EverSmart Scanners User Guide (Cat. No. 399Z51895B)*.

Scanning in LW Mode

Scanning in the LW Mode can be very efficient when you want to incorporate whole Pages that already exist on analog film into your Brisque production workflow.

To incorporate analog Pages into the Brisque workflow:

1. Set the scanner to create Pre-separated Handshake LW files or Pre-separated New LW files.



Tip: You can also scan into an I/O device (such as a Whisper) with the CreoScitex Monoscan scanner. The result is one Native LW file per color separation, named filename.c, filename.m, filename.y, filename.k.

2. Create and define a Hot Folder, if one does not exist, that is sensitive to the Scanned LW/NLW input file type, and defines the Translate operation. (See *Chapter 7, Setting Up Hot Folders* for additional instructions).
3. Scan the images into a Hot Folder that is sensitive to the Scanned LW/NLW file type. The Hot Folder activates the Translate operation, and the result is a Pre-separated Brisque Job with one Page that contains the LW files.



Tip: To automate the workflow when scanning to the Brisque or a Macintosh, scan directly into the Hot Folder that defines the Translate operation.

Scanning in Bitmap Modes

When you want to incorporate information that exists on film only into a digital Page, set the scanner to create bitmap files.
When using the Bitmap mode, the supported scanners offer the following formats:

- **DCS1.0 -** consists of a master file with four High Res. files for CMYK separations.
- **DCS 2.0 Single (Monoscan supported only)** - consists of a single file that holds the master file together with all the High Res. files for each separation within it. This format supports process separations (CMYK) and spot separations.
- **DCS 2.0 Multiple -** consists of a single master file and a High Res. file for each separation. This format supports process separations (CMYK) and spot separations.
- **PDF Composite (Renaissance supported only) -** consists of a single file that holds the master file together with all the High Res. files for each separation within it. This format can be RIPed directly, without any prior conversions (in composite mode). This format supports process separations (CMYK) only.
- **PDF Spot Composite -** consists of a single file that holds the master file together with all the High Res. files for each separation within it. This format can be RIPed directly, without any prior conversions (in composite mode). This format supports process separations (CMYK) and spot separations.
- **EPS Composite (Renaissance supported only) -** consists of a single file that holds the master file together with all the High Res. files for each separation within it. This format can RIP directly, without any prior conversions (in composite mode). This format supports process separations (CMYK) only.
- **EPS Spot Composite -** consists of a single file that holds the master file together with all the High Res. files for each separation within it. This format can be RIPped directly, without any prior conversions (in composite mode). This format supports process separations (CMYK) and spot separations.
- **PSImage -** Contains a single Low Res. file (master file) and four High Res. files for the process separations (CMYK). The PSImage file does not support spot separations.

Note: All the options described here are supported by the Brisque workflow.

To incorporate a whole or a partial analog Page into a digital Page:

1. Set the scanner to create bitmap files.
2. Scan the film into a Brisque, a PS/2 workstation, a Macintosh, a CreoScitex Server, or any other platform that supports PostScript files; the result is single or multiple output files, according to the selected format available for the Bitmap mode (described on *page 303*).
3. You can RIP a Low Res. file directly on the Brisque to create a Brisque Page.
   Or, you can first place a Low Res. file into a Page Layout application for further modification and continue with procedure.
4. When you finish building the Page, print the Page to a PostScript file; the PostScript file can be closed as either a Composite file or as a Pre-separated file.
   During the RIPing process on the Brisque, the Low Res. file is replaced with the High Res. files.

   Important: During the RIP, the scanned elements are automatically marked for protection from FAF. FAF protection does not allow the FAF operation to manipulate the protected element.

5. Make sure that the High Res. files are properly located in the High Resolution File Paths for APR (Automatic Picture Replacement), and RIP the PostScript file on the Brisque. (See*Chapter 19, High-Resolution File Paths* and *Chapter 20, CreoScitex APR/OPI Workflow* for details.)

   Note: The RIP LW resolution must be identical to the scanning resolution.

LW Scanning Versus Bitmap Scanning

The following table presents a few of the advantages and disadvantages of scanning in the LW/NLW mode, versus scanning in the Bitmap mode.



Note: When you scan in the Bitmap mode, the PostScript file that incorporates the scanned image can be closed as either a Composite file or as a Pre-separated file.

File Format	Advantages	Disadvantages
Scanned LW/ NLW	• RIP/other processing operations are unnecessary • Faster scanning • Brisque supported format	• Not compressed • Inconvenient for partial Pages workflow
Pre-separated Scanned Bitmap	• Compressed, easier to archive • Versatile format • Allows partial Page workflow.	• RIP required • No trapping • All Pages in the PostScript are Pre-separated.
Composite Scanned Bitmap	• Compressed, easier to archive • Versatile format • Allows partial Page workflow • FAF available for digital data.	• RIP is required.

Half Resolution Workflow

You can output Pages whose LW resolution is exactly half of the defined output resolution. This is called the Half Resolution workflow.

For example, you can scan a full Page with the CreoScitex EverSmart Supreme scanner in the LW mode at resolution 50, and output it at resolution 100. The LW resolution must be identical to the defined output resolution, or exactly half (when a Job includes Half Resolution Pages, the system automatically exposes them at the defined output resolution).

Sample Workflows

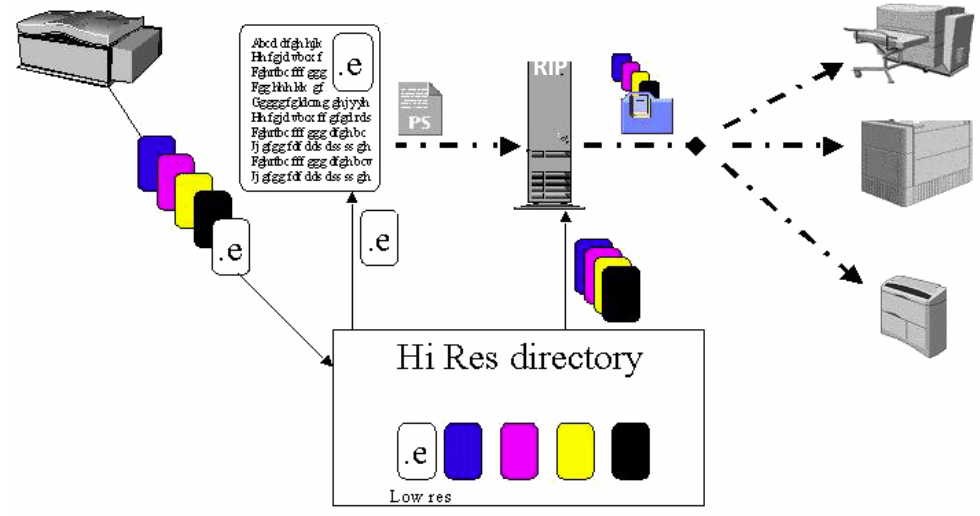
PS Image for Partial Page Workflow

1. Scan the analog films into a **HiRes** directory.
2. Place the **.e** (low resolution PSImage) file onto a Page Layout application (such as QuarkXpress) and print the PS file into the Brisque.
3. RIP the PS file to create a Brisque Job; the Brisque Job now includes the High Res. files.



Note: The High Res. path for RIPing must point to the scanned files.

4. Use the final Page for any purpose.



Step 1 Step 2 Step 3 Step 4

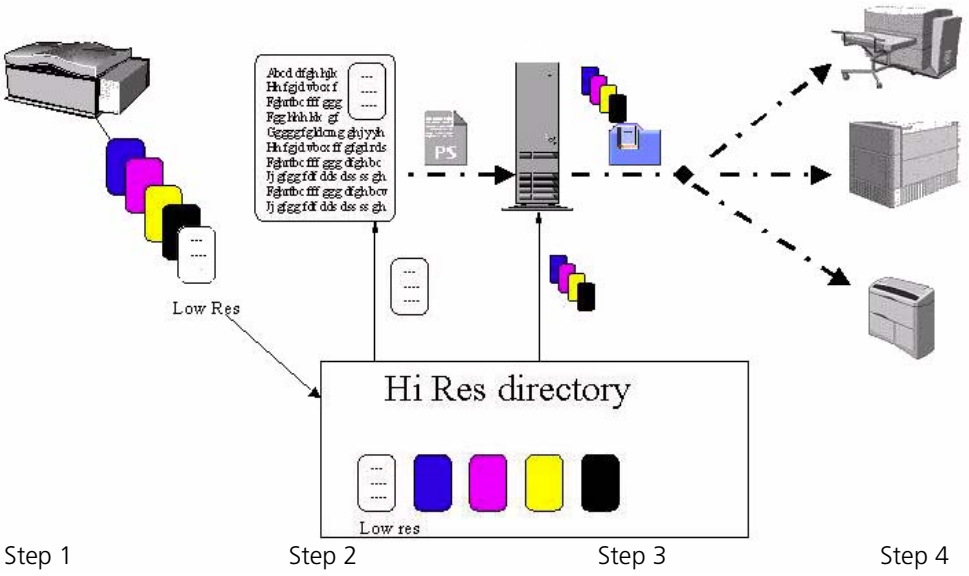
DCS 1/DCS 2 for Partial Page Composite Workflow

1. Scan the analog films to **HiRes** directory.
2. Place the DCS Low Res. file onto a Page Layout application and print the PS file into the Brisque.
3. RIP the PS file to create a Brisque Job; the Brisque Job will now include the Hi Res. files.



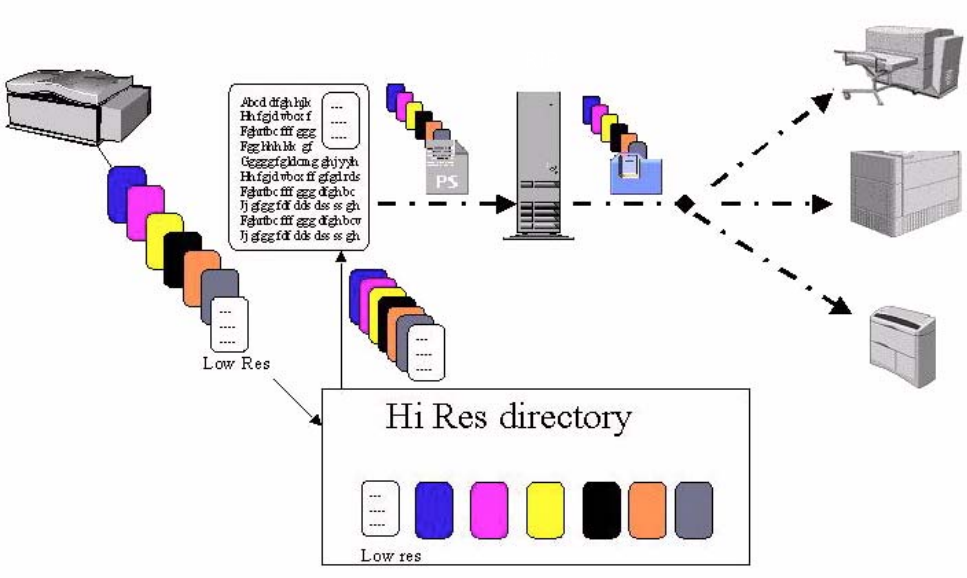
Note: The The High Res. path for RIPing must point to the scanned files.

4. Use the final Page for any purpose.



DCS 1/2 for Partial Page Pre-separated Workflow

1. Scan the analog film to **HiRes** directory.
2. Place the DCS Low Res. file onto a Page Layout application and print the PS file into the Brisque.
3. RIP the PS file to create a Brisque Job.
4. Use the final Page for any purpose.

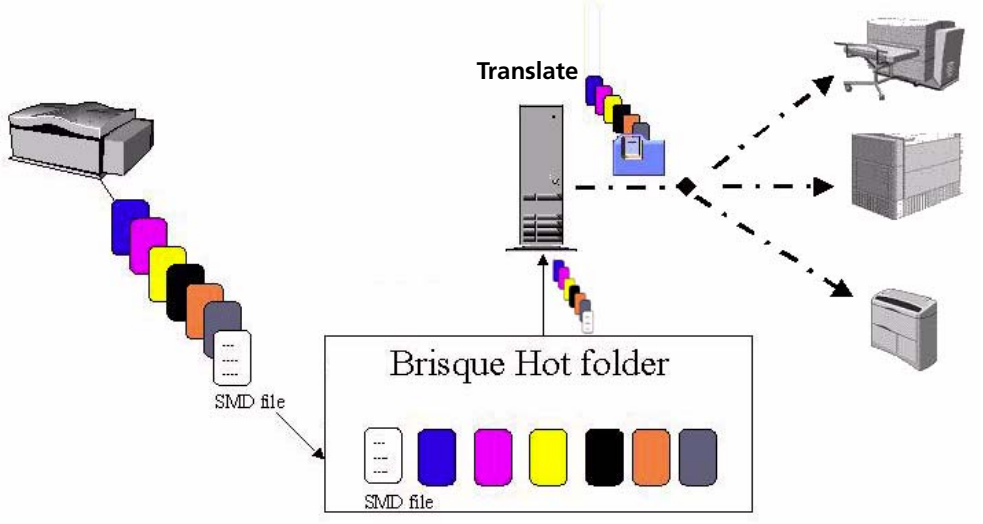


Step 1 Step 2 Step 3 Step 4

Note: In Pre-separated workflow using a Copy Dot file (for example, D&D a Pre-separated PS file onto the **Rip -> Merge -> FAF** Template), CopyDot images in the file are not protected after the Merge operation and framing is possible. Merge does not retain all the protections that RIP applied, therefore CopyDot files can be damaged during the FAF process.

NLW for Whole Page Workflow

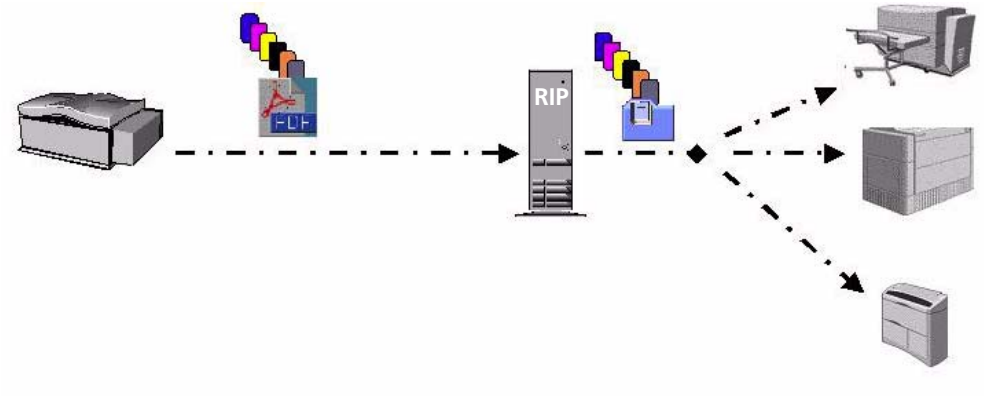
1. Scan the analog films into Hot Folder as NLW/LWHS (one for each separation).
2. The Hot Folder translate the scanned NLW/LWHS files into a Brisque Job, containing NLW files.
3. Use the final Page for any purpose.



Step 1 Step 2 Step 3

PDF/EPS Composite (new format) for Whole Page Workflow

1. Scan the analog films as PDF/EPS into the Brisque.
2. RIP the PDF or EPS file to create a Brisque Job.
3. Use the final Page for any purpose.



Step 1 Step 2 Step 3

The following table summarizes the infomation about CopyDot scan formats:

CreoScitex.

CopyDOT Scan Formats

Format	Scan Result	Spot Support	Use	PostScript Type	PostScript Containes	Remarks
PS Image			Place Low-Res file in DTP application	Composite	low-Res	* APR * Single LW * FAF Enabled
				Separations	low-Res	* APR * Multiple LW * FAF Disabled
DCS 1			Place master file in DTP application	Composite	low-Res	* APR * Single LW * FAF Enabled
				Separations	Hi-Res	* Multiple LW * FAF Disabled
DCS 2	Single  *MonoScan Support Only	 16 Sep. Max	Place file in DTP application	Composite	low-Res	* APR * Single LW * FAF Enabled
				Separations	Hi-Res	* Multiple LW * FAF Disabled
	Multiple 	 16 Sep. Max	Place master file in DTP application	Composite	low-Res	* APR * Single LW * FAF Enabled
				Separations	Hi-Res	* Multiple LW * FAF Disabled
LWHS			Template- Translate page to Scitex JOB.			Hot Folder - sensitive to scanned LW/NLW. Can be edited in Remake/PressTouch
NLW		 16 Sep. Max	Template- Translate page to Scitex JOB.			Hot Folder - sensitive to scanned LW/NLW. Can be edited in Remake/PressTouch
PDF Composite	 *Renaissance Support Only		Rip DIrectly			FAF support on Brisque version 4 only.
EPS Composite	 *Renaissance Support Only		Rip DIrectly			FAF support on Brisque version 4 only. Can be placed in DTP
PDF Spot Composite			Rip DIrectly			FAF support on Brisque version 4 only.
EPS Spot Composite			Rip DIrectly			FAF support on Brisque version 4 only. Can be placed in DTP

02.2001 Printing Workflow Solutions Division

Appendix A.

The Renaissance File Formats on Brisque 4.0

The Brisque 4 was tested with the Renaissance 2 Ver 1.2g and CopyDot ToolKit version 3.0 different file formats.

The following table shows tests Results:

Format	Pre Sep / Composite	RIP	FAF	Comments
PS Image (Scitex .e) (print from Quark)	Pre Sep	OK	OK	Support 4 process colors.
PS Image (Scitex .e) (print from Quark)	Composite	OK	OK	Support 4 process colors.
DCS1 (print from Quark)	Pre Sep	OK	N/A	Support 4 process colors.
DCS1 (print from Quark)	Composite	Bad result[a]	N/A	Support 4 process colors.
DCS2 (print from Quark)	Pre Sep	OK	N/A	Support 4 or less process color and spot colors.
DCS2 (print from Quark)	Composite	Bad result[b]	N/A	Support 4 or less process color and spot colors.
PDF Composite (directly to Rip)	Composite	OK	OK	Support 4 process colors.
EPS composite (directly to RIP)	Composite	OK	OK	Support 4 process colors.
PDF Spot Composite (directly to RIP)	Composite	OK	OK	Supports spot colors.
EPS Spot Composite (directly to RIP)	Composite	OK	OK	Supports spot colors.

Format	Pre Sep / Composite	RIP	FAF	Comments
NLW Formats		N/A	N/A	Supports 4 or less process color. These formats can be translated to Brisque job: ➢ Drag&Drop the scanned a LW/ NLW file + SMD file onto the **Translate LW -> Brisque Job** Hot Folder.

a. It is recommended to create CT file.
b. It is recommended to create CT file

Appendix B.

The Purup-Eskofot Monoscan File Formats on Brisque 4.0

The Brisque 4 was tested with the Purup-Eskofot Monoscan Ver 8 and CopyDot ToolKit version 3.0 different file formats.

The following table shows the tests results:

Format	Pre Sep / Composite	RIP	FAF	Comments
PS Image (Scitex .e) (print from Quark)	Pre Sep	OK	N/A	Support 4 process colors.
PS Image (Scitex .e) (print from Quark)	Composite	OK	OK	Support 4 process colors.
DCS1 (print from Quark)	Pre Sep	OK	N/A	Support 4 process colors.
DCS1 (print from Quark)	Composite	OK	OK	Support 4 process colors.
DCS2 (print from Quark)	Pre Sep	OK	N/A	Support 4 or less process color and spot colors.
DCS2 (print from Quark)	Composite	OK	OK	Support 4 or less process color and spot colors.
PDF Composite (directly to Rip)	Composite	N/A	N/A	Support 4 process colors.
EPS Composite (directly to RIP)	Composite	N/A	N/A	Support 4 process colors.
PDF Spot Composite (directly to RIP)	Composite	OK	OK	Supports spot colors.
EPS Spot Composite (directly to RIP)	Composite	OK	OK	Supports spot colors.

Format	Pre Sep / Composite	RIP	FAF	Comments
NLW Formats		N/A	N/A	Supports process and spot colors. These formats can be translated to Brisque job: ➢ Drag&Drop the scanned a LW/ NLW file + SMD file onto the **Translate LW -> Brisque Job** Hot Folder.