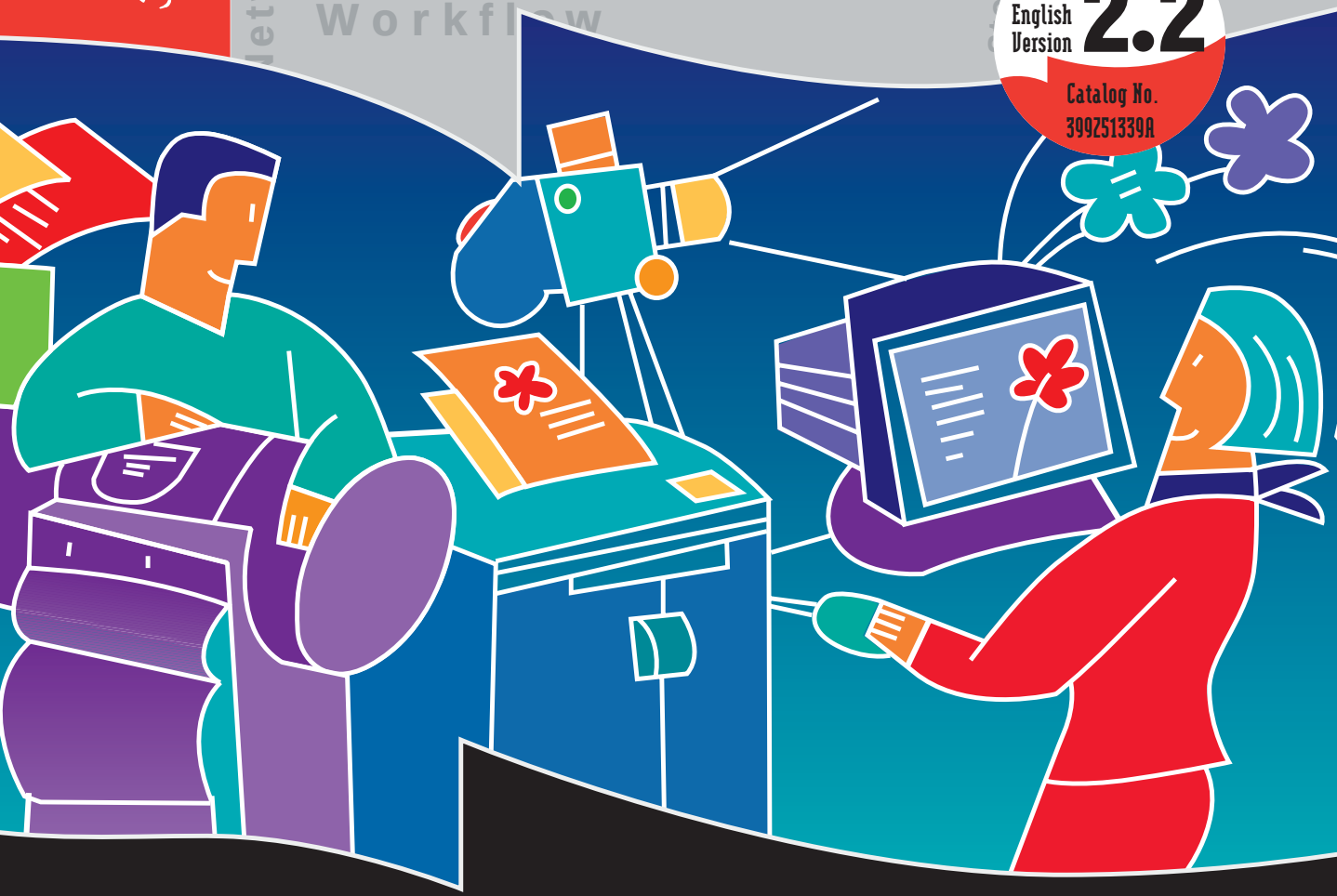
Scitex Graphic Arts

Brisque

Option Update User Guide

English Version 2.2

Catalog No. 399Z51339A



OPEN TO A WORLD OF COLOR scitex

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4.350.996	4.365.256	4.456.924	4.500.919	4.834.520	4.853.709
4.897.737	4.931.637	4.992.862	5.079.721	5.103.407	5.111.308
5.113.249	5.119.440	5.122.871	5.124.547	5.150.225	5.153.769
5.155.782	5.157.516	5.200.816	5.208.888	5.221.997	5.227.895
5.247.174	5.247.352	5.283.140	5.285.297	5.296.935	5.299.020
5.313.278	5.323.248	5.325.217	5.328.032	5.331.439	5.333.064
5.339.176	5.355.446	5.359.458	5.367.388	5.384.648	5.384.899
5.412.491	5.412.737	5.420.702	5.473.733	5.481.379	5.488.906
5.497.252	5.508.828	5.509.561	5.519.792	5.519.852	5.526.107
5.526.143	5.532.728	5.561.691	5.568.595	5.576.754	5.579.115
5.592.309	5.594.556	5.600.448	5.608.822	5.615.282	5.623.001
5.649.220					

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1 TIFF/IT FILE FORMAT SUPPORT

- **TIFF/IT File Formats**
- **Performing the TIFF/IT Translation**

The TIFF/IT (Tag Image File Format for Image Technology) file format was created to smooth prepress workflow by making it simpler to exchange and transfer images electronically between publishing companies, printers, advertising agencies, color separators, prepress bureaus, designers, and photographers.

You can use the *Translate* application to translate various file formats into the TIFF/IT-P1 format, and *vice versa.* TIFF/IT-P1 is a subset of TIFF/IT, which provides a minimized set of options that allows simpler implementation when the full set of TIFF/IT options is not required.

Note: The TIFF/IT support is a purchasable Brisque option that requires licensing and a password for access.

On the Brisque, you can create TIFF/IT-P1 from PostScript, PDF, and other file formats. The Brisque also supports TIFF/IT-P1 pages for direct output (after file translation to the Scitex Job format, using the Brisque *Translate* application) or for inclusion with other page sources.

➢ Use the Preview application to preview files in the TIFF/IT format. Currently, Preview only supports TIFF/IT formats as independent LW and CT files, or TIFF/IT-HC. You cannot Preview TIFF/IT-FP Page files.

TIFF/IT File Formats

The TIFF/IT file formats supported by the Brisque include CT, LW, HC and FP (the latter must include at least one of the CT, LW, and HC formats).

- LW files are translated into TIFF/IT-LW/P1 or TIFF/IT-HC/P1.

  Note: LW files with 256 colors or less are translated into TIFF/IT-LW/P1, while LW files with more than 256 colors are translated into TIFF/IT-HC/P1.

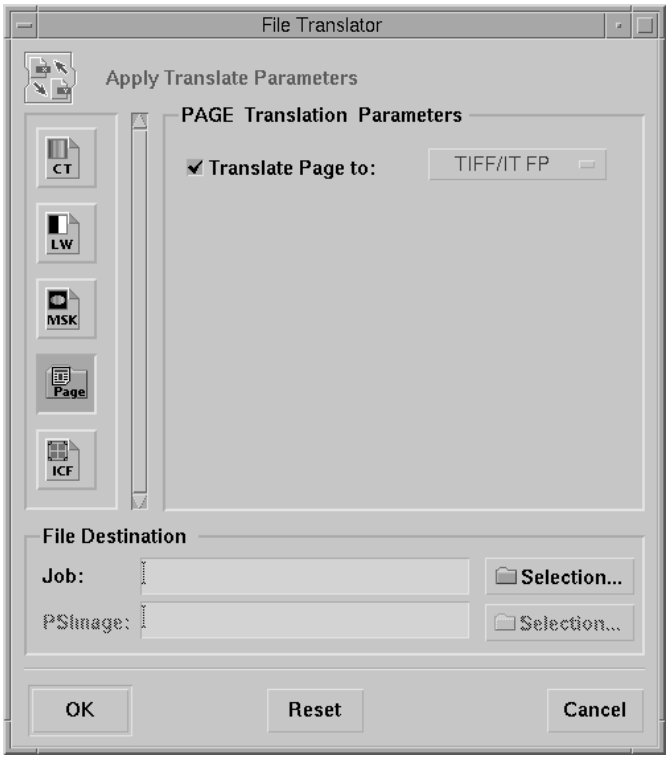
- CT files are translated into TIFF/IT-CT/P1.
- Scitex Job and Page files are translated into TIFF/IT-FP/P1 and vice versa. However, the TIFF/IT-FP/P1 format which binds all three file formats (CT, LW and HC) together is not a recognized Job-type format. This means that it cannot be processed by operations that utilize Job files.

Performing the TIFF/IT Translation

The translation to and from the TIFF / IT format can be done directly from the *Translate* application as a single step operation, or as part of a Template Builder flow.

To translate a TIFF/IT-P1 file to and from a Scitex supported file format:

1. Click an icon from the left side of the window to define the input file type; the **Translate** (CT, LW, or Page) **to** button displays the format into which the selected input file type will be translated unless you define otherwise.



2. Click the **Translate** (CT, LW, or Page) **to** check box; the option is activated, and the menu button next to it appears active.

3. Click the *Translate (CT, LW, or Page) to* menu button; a list of file formats into which the selected input file type can be translated appears.

Category	Input Format	Output Formats Available for Translation
CT	TIFF CT (same as TIFF/IT-CT/P1)	CT Handshake, CT Native, CT New, TIFF CT (same as TIFF/IT-CT/P1), EPSF, DCS.
LW	TIFF/IT-LW/P1	LW Handshake, LW Native, and LW New.
LW	TIFF/IT-HC/P1	LW New.
MASK	Mask Handshake, Mask Native	CT Handshake, CT Native, CT New, TIFF CT (same as TIFF/IT-CT/P1), EPSF, DCS.
Page	TIFF/IT-FP	Scitex Job.
Page	Scitex Job	TIFF/IT-FP.

Note: This information table is not complete. It provides data relating to the translation of TIFF-IT files only. Translations between non-TIFF-IT file types are possible *(documented in the File Translation chapter of the Brisque User Guide)*.

4. Select the desired file format option from the popup list.

Note: In Page translations, if the source and destination folders are in the same volume, the CTs and LWs are not copied to the destination folder. Rather, the data is saved only once on the disk, and is referenced from both the source and the destination folders.

To translate a Postscript or PDF file to a TIFF-IT-P1 file:

➢ Send the Postscript or PDF to a template that contains the RIP and Translate (predefined with the *Translate Page to Scitex Job* option) operations; the RIP first converts the file to the Scitex Job format, and the following Translate operation converts the Scitex Job to the TIFF/IT format.

Examples:

The following examples demonstrate how to translate one file format into another.

To translate a Scitex Job or Page into TIFF/IT-P1:

1. From the *Launch Pad*, open the *Operations* panel; the *Translate* icon appears in the *Operations* panel.
2. Drag and drop a Scitex Job / Page on the *Translate* icon.
3. Select the **Page** category from the left-hand part of the *File Translator* window.
4. From the *Translate Page to* menu list, select **TIFF/IT FP**.

To translate a TIFF/IT-FP/P1 to a Scitex Job:

1. From the *Launch Pad*, open the *Operations* panel; the *Translate* icon appears in the *Operations* panel.
2. Drag and drop a TIFF / IT-FP / P1 file on the *Translate* icon.
3. Select the **Page** category from the left-hand part of the *File Translator* window.
4. From the *Translate Page to* menu list, select **Scitex Job**.

2 EXPORT PS

- **Defining the PostScript Parameters**
- **Defining the Screen Parameters**
- **Defining the PostScript Transformation Parameters**
- **Designating the Output Destination**

The Export PS application lets you convert Scitex file formats into several rasterized PostScript formats, which can either be sent to disk or printed directly to an AppleTalk printer.

Note: The Export PS application is a purchasable option which requires a password and licensing. Contact your Scitex representative.

The Export PS application supports the following **input** file types:

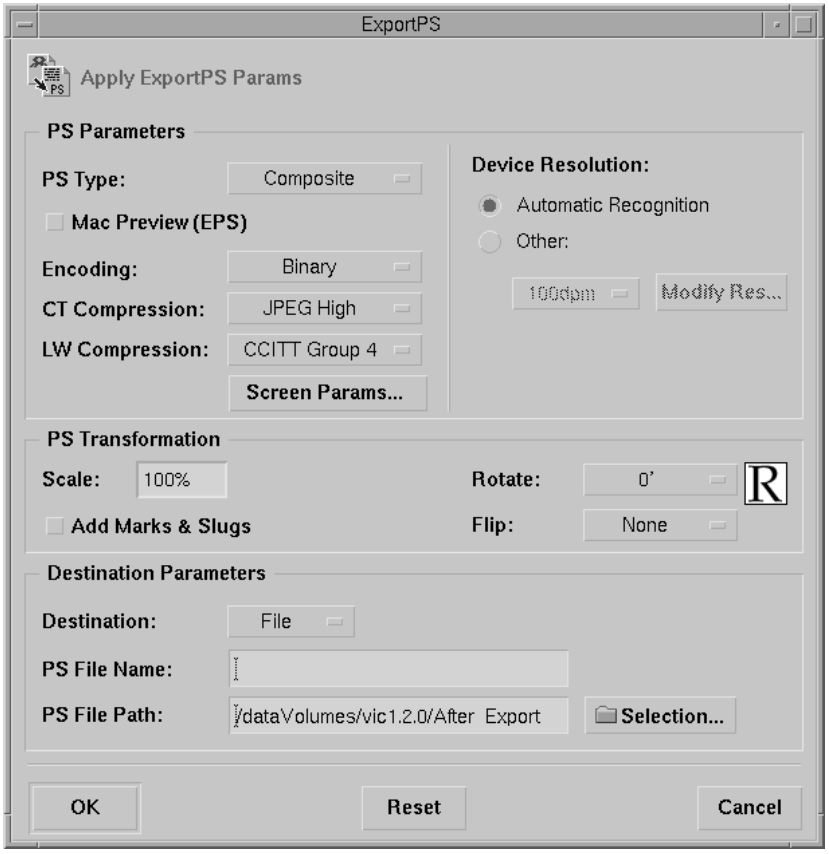
- Page (CT/LW)
- Composite/Pre-separated Brisque Job
- LW only (New, Native, Handshake, TIFF (BMP and Index RGB), TIFF/IT-LW,TIFF/IT-HC)
- CT only (New, Native, Handshake, TIFF (Full CMYK and Full RGB))

Export PS supports the following **output** PostScript formats:

- Composite
- Pre-separated
- DCS

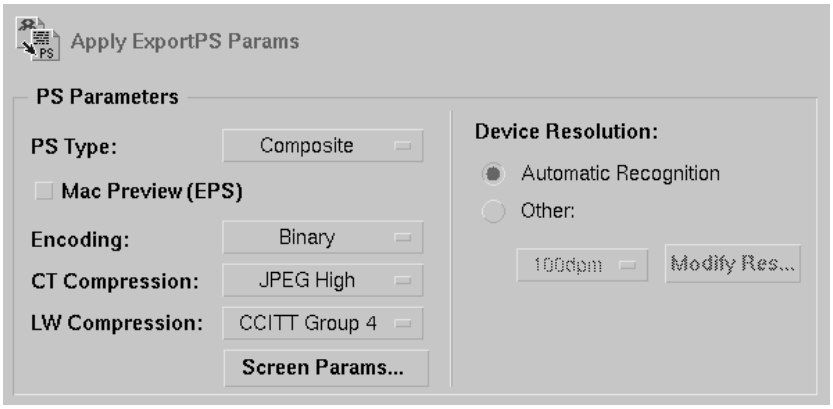
When the Export PS application is activated, it checks that the minimum free disk space required to process the input file is available on the destination file system. The minimum free disk space required is equal to the size of the input file (Job, Page, CT or LW).

- **To edit the Export PS default operation parameters,** from the Launch Pad, open the *Operations* panel, then double click the **Export PS** icon; the *Export PS* window appears.
- **To edit the Export PS parameters for a specific Job,** from within *the Job Ticket Editor*, double click the **Export PS** icon; the *Export PS* window appears.
- **To edit the Export PS parameters for a specific Template,** from within the *Template Builder*, double click the **Export PS** icon; the *Export PS* window appears.



Defining the PostScript Parameters

Define the *PostScript Parameters* to specify the format of the output PostScript file that is created by the Export PS application.



PS Type Use this option to determine whether the created PS file is **Composite**, **Pre-Separated**, or **DCS**. *See page 2-**Error! Bookmark not defined.** for extra notes and limitations on the Export PS conversion process.*

Mac Preview (EPS) Select this option to create an EPS file. An EPS file format can be generated as *Composite PostScript* or *DCS,* and be exported to Imposition applications that can read and import EPS files. In the Imposition applications, the EPS files can be manipulated to a certain extent. This includes transformations such as translation, rotation, scaling and clipping. The EPS files are created with a Macintosh PICT resource, describing a preview representation for each Page.

Note: EPS files cannot be created from pre-separated PostScript files.

When the Export PS converts a multi-Page Job with the *Mac Preview (EPS)* option selected, a separate output file is created for each Page.

Note: When the *Mac Preview (EPS)* option is selected, the *Print* option is unavailable.

Encoding This option lets you select a format for encoding the PS file. The available options are **Binary** (the default) or **ASCII**, which increases the size of the PostScript file and is recommended for portable PostScript.

CT Compression Select this option to determine the compression method for the file.

The following compression methods are available for CT files:

- **LZW**, which is a lossless compression method that preserves all the information in the file;
- Five levels of **JPEG (High**, **Medium-High**, **Medium**, **Medium-Low**, **and Low)**, which is a lossy compression, reducing the image quality:
- **None**.

LW Compression The following compression methods are available for LW files:

- **CCITT Group 4**, which is a lossless compression method providing a better compression ratio with LW files than LZW;
- **LZW**, which is also a lossless compression method.

Device Resolution

Use this option to define the resolution of the output PS file.

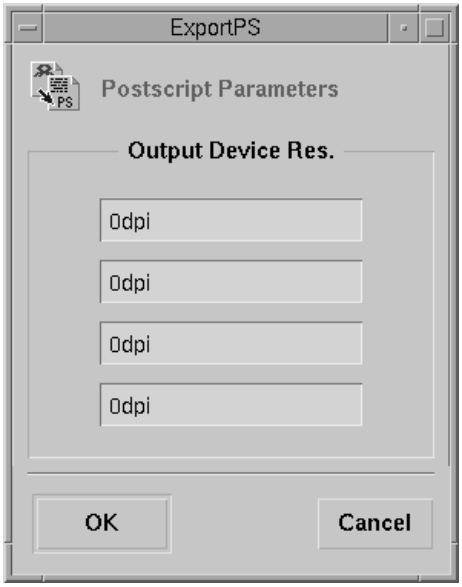
Automatic Recognition

Select this option when the final device resolution is identical to the original file. You should specify the resolution of the original file if the destination RIP application requests it.

Other

Select this option when the destination device resolution differs from that of the original file. Select the appropriate resolution from the list. We recommend you do not change the resolution.

➢ To edit the *Output Device Resolution* list, click **Edit Res.**; the following *ExportPS* window appears:

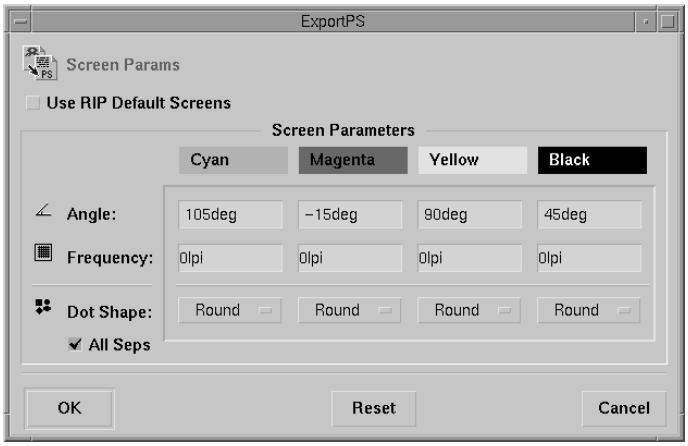


Defining the Screen Parameters

Define the *Screen Parameters* to include screen information within the output PostScript file.

To define the Screen Parameters:

1. Click the **Screen Params** button in the *PS Params* part of the *Export PS* window; the following *ExportPS* window appears:



Angle Use this option to change the default angle for each separation, in order to prevent the creation of a moire pattern.

Frequency The **Frequency** parameter defines the number of halftone cells per inch. Halftone cells are the organization of the a pattern of dots that simulates gray levels or color shades on the screen into manageable structures.

Dot Shape Use this option to select the shape of the dot, according to your output device, the resolution and the media used, as well as the type of image. The available Dot Shapes are: **Round**, **Diamond**, **Ellipse**, **Line**, **Square**, or **Cross**.

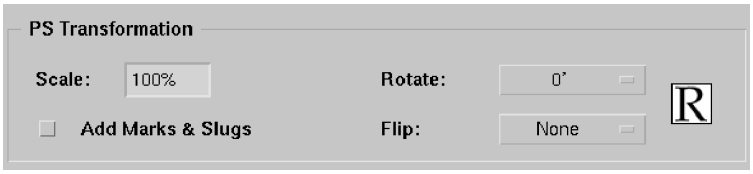
- To define the **Dot Shape** for all the separations, select the **All Seps** option. Deselect **All Seps**, to independently define the **Dot Shape** for each separation.

Use Rip Default Screens Select this option to use the default RIP parameters.

2. Define the above Screen Parameters.
3. To save the Screen Parameters you have defined, click **OK**; you are returned to the main *ExportPS* window.

Defining the PostScript Transformation Parameters

Use the *PS Transformation* options to define the size and orientation of the output PostScript file.



Scale Use this option to include a command in the PostScript file that will instruct it to be scaled during the RIP.

Rotate Use this option to include a command in the PostScript file that will instruct the file to rotated by *0, 90, 180* or *270 degrees* during the RIP.

Flip Use this option to include a command to the PostScript file to be flipped *horizontally*, *vertically*, *both* or *none* during the RIP.

Add Marks & Slugs Select this option if you wish to add *crop-marks*, *registration marks*, and the *file name* to the PostScript file. If the file is Pre-separated, the *Separation Name* is added as well.

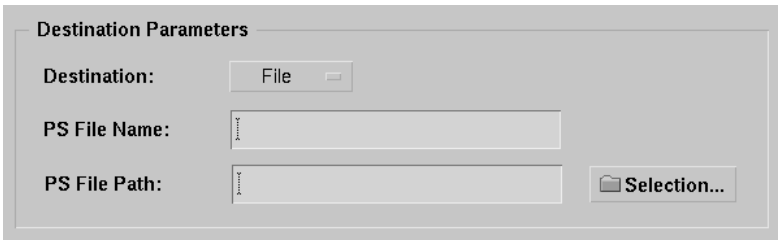
Designating the Output Destination

You can send the converted output PostScript file directly to a printer or print it to file.

Printing to File

To print the PS to file:

1. From the *Destination* menu list, select the **File** option.



2. Define the **PS File Name** and the **PS File Path** options to specify a name and a path for the PS that you save to file.
3. Click **OK** to send the PostScript file to disk; the system prompts you to confirm the Export PS command.

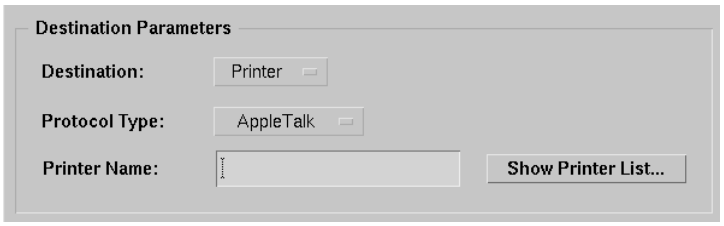
Printing to a Network Printer

You can print the PostScript file to a printer anywhere on the network. This operation, called *PrintPS*, is a sub-operation of the Export PS application. PrintPS is activated whenever you print a PostScript file to a network printer. PrintPS works independently from the Export PS, and both applications run on a separate queue, so that files can be printed and converted at the same time. This comprehensively increases throughput.

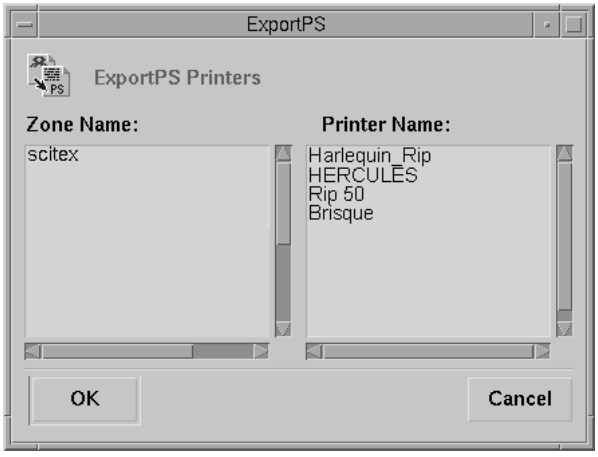
Note: The *Mac Preview (EPS)* option is unavailable when printing to network printer. *(See the section called Defining the PostScript Parameters earlier in this chapter.)*

To print the PS file to a network printer:

1. From the *Destination* menu list, select the **Printer** option.



2. Select the desired **Protocol Type**.
3. In the *Printer Name* field, specify the name of the printer, ***or*** click **Show Printer List...** to select a printer from the *Export PS Printers* list that appears in the *ExportPS* window.



4. Click **OK** to print the PostScript file to the printer you selected; the system prompts you to confirm the Export PS command.

If a PostScript file fails to print, you can resubmit it to the printer. The PrintPS sub-step of the Export PS will start automatically and print the file.

Note: If you open the *Export PS* window to resubmit the PostScript file and you click the **OK** button, the Export PS will begin processing the file again.

3 PDF FILES ON THE BRISQUE

- **Input File Formats**
- **Adobe Acrobat Distiller Guidelines**
- **Previewing PDF Files**
- **RIPping PDF Files**
- **Sending PDF Files**

The Brisque now supports various functions for PDF files. To work with PDF files you should first install the *PDF Update* on your Brisque (version 2.2).

The *PDF Update* consists of two packages: *UpdPDFRip.image* and *AcrobatExchange.image.* In order to have full PDF capabilities on the Brisque, both packages must be installed through the regular *smit install_latest* procedure.

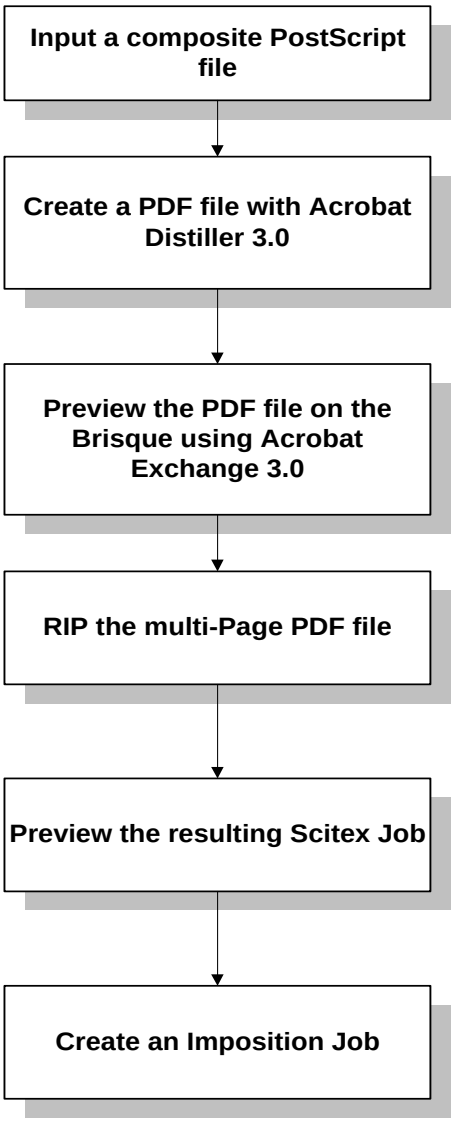
Refer to the Brisque Installation Guide for update instructions. Note that the *PDF Update* is configured over *Brisque version 2.2*, which must be installed first.

Note: When you access the Brisque for the first time after installing the *PDF Update*, the *Adobe Acrobat License Agreement* window will appear. Once you have accepted the licensing agreement, the window will not reappear. *Refer to the Brisque Installation Manual for PDF update instructions*.

Before the Adobe PDF file can be processed and output on the Brisque, the PDF file must first be RIPped and converted to the Scitex Job format. Once the PDF file has been converted to a Scitex Job, it is treated as any normal Job that can processed by the Brisque. You can send PDF files to a predefined Brisque Template or Hot Folder for automatic processing.

The Brisque allows you to use the Scitex *Preview* application to preview Adobe PDF files. Note that the Preview application does not perform a simulated RIP of the PDF file, but merely allows you to graphically view the PDF.

The following chart illustrates the steps recommended for preparing and processing PDF files for processing on the Brisque. These steps are further described in detail in this chapter.



Input File Formats

The PostScript format should be the input file format for the creation of PDFs by Acrobat Distiller 3.x, for use on the Brisque. PostScript files can be generated in most DTP applications, either by the **Print to Disk** option (e.g., using QuarkXPress or FreeHand) or by the **Export to PDF** option (e.g. using PageMaker 6.5).

There are two ways in which you can work with HiRes files on the Brisque. You can either embed the HiRes file(s) in the PostScript files, or work in OPI mode which includes a pointer to the HiRes file(s) in the PostScript file.

When you embed the HiRes files (TIFF and EPSF files only), you include the graphics in the PS file. For example, using the **Include Images** option from the **Print** menu in QuarkXPress.

When you work with the OPI comments, you include pointers to the HiRes files within the PostScript files. In this case, print your files in the DTP application using the OPI comment, **Omit Tiff** or **Omit Tiff & EPSF**, and make sure to place the HiRes files in the HiRes path you specified on the Brisque.

When creating the input files, you can use either CMYK or RGB image color modes for CT and LW data. The Brisque 2.2 Option Update currently handles Spot LW data only *(refer to the section called RIPping PDF Files on page 3-10)*. Working with Spot LW data is only supported after the required support files are installed *(see the section called Adobe Acrobat Distiller Guidelines on page 3-4)*. Spot CT support will be available in the PDF APR workflow, which is currently unavailable *(see the Limitations note below)*.

Important: You must work with Composite PostScript and not with Pre-separated files.

Limitations

The PDF APR workflow is not currently supported with Brisque version 2.2 Option Update. To support this type of workflow, a file named *ScitexDistillerStartup.ps* must be installed on your system. This file will be supplied on demand, at a later date.

Adobe Acrobat Distiller Guidelines

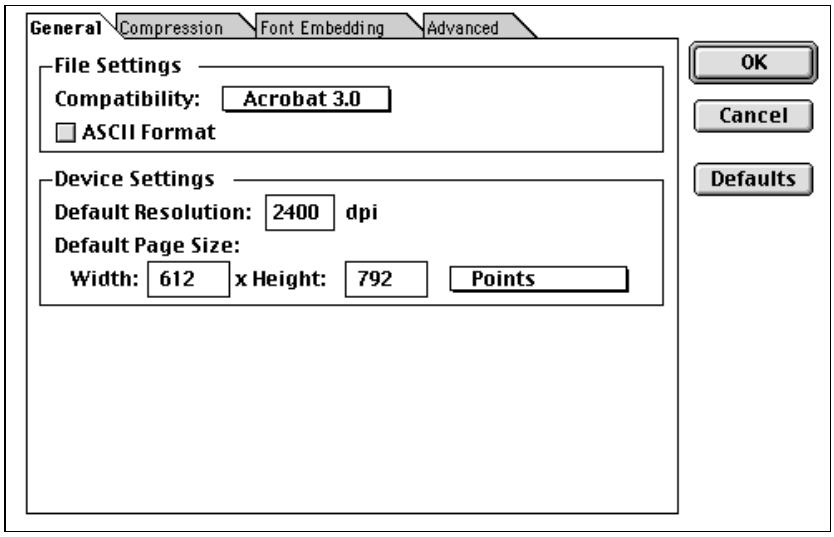
Follow these guidelines when distilling a PostScript file that will further be processed on the Brisque:

- Use Adobe Acrobat Distiller version 3.x. Older versions of Acrobat Distiller do not support many of the necessary high-end features, and subsequently create PDF files that are not properly RIPped.
- Before working with PDF files on the Brisque, you must install two support files (*epilogue.ps* and *prologue.ps*) prior to launching Acrobat Distiller for the first time. This initiates the Spot Color support for the PDF file format.

To configure the PDF Spot Color support files:

1. From the *Acrobat Distiller* application folder, open the **Xtras** folder.
2. Open the **high_end** folder.
3. Copy the files **epilogue.ps** and **prologue.ps** files to the Acrobat Distiller application level.
4. Launch Acrobat Distiller, then from the *Application* menu, select **Distiller**.

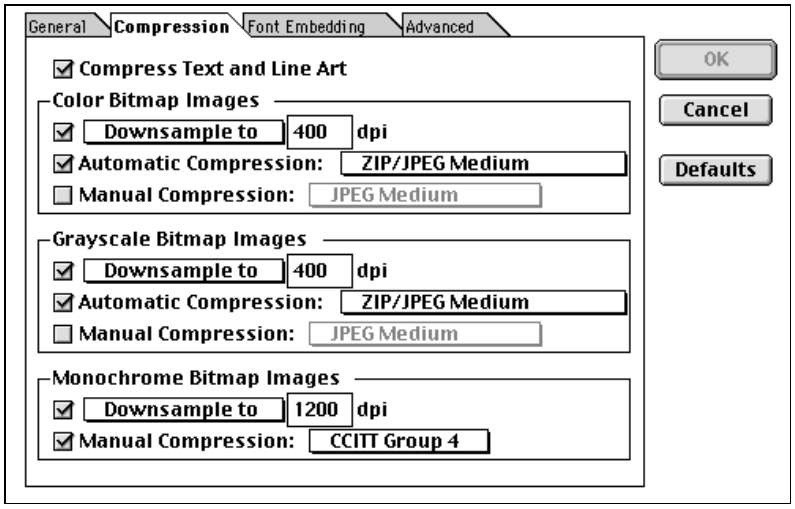
5. Select **Job Option** and then click the **General** tab. Set the *File* and *Device Settings* according to the settings in the following window:



Default Resolution Since Acrobat Distiller rasterizes vignettes, set the resolution to 2400 dpi. This resolution setting produces results with the best quality.

Default Page Size Acrobat Distiller usually takes the Page size information from the *setpagedevice* or *boundingbox* values in the PostScript file. However, you should specify the Page size dimensions in this option, in case the above information is missing from the PostScript file.

6. Select the **Compression** tab. Set the *Compression* parameters according to the settings in the following window:



Color/Grayscale Bitmap Images

Downsample to
Downsample according to the RIP resolution of the CT to achieve better results during the RIP.

Note: Acrobat Distiller has a built-in threshold value of 200% before downsampling is actually activated. Downsampling of images whose resolution is less than double the desired image resolution, will not take place.

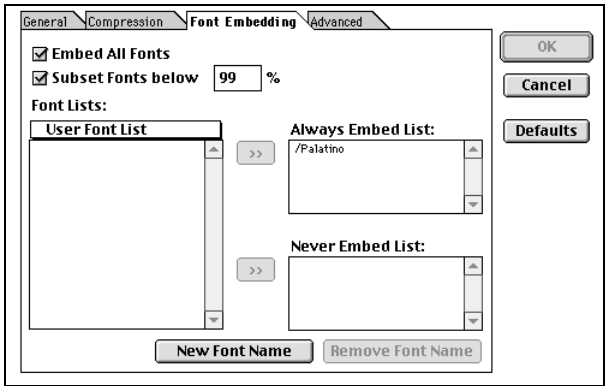
Automatic Compression
Use the **ZIP/JPEG Low** compression level to make sure that no data is lost after image compression.

Monochrome Bitmap Images

Downsample to
Choose **1200 DPI** to make sure that the best quality in data and sharpness is kept during the RIP.

Manual Compression
Select the **CCITT4** manual compression to achieve lossless compression of the file.

7. Select the **Font Embedding** tab. Set the *Font Embedding* parameters according to the settings in the following window:



Embed All Fonts

Select the **Embed All Fonts** to instruct the Distiller to embed in the PDF, the definitions of all the fonts found in the current document. Use this option if you are not sure that all the fonts used in the PDF are found on the receiving station.

Note: Even when the *Embed All Fonts* option is selected, Acrobat Distiller does **not** embed the 14 standard PostScript fonts (Times, Helvetica etc.). The RIP operation on the Brisque automatically imports these 14 standard fonts from the Brisque Font Library. This being the case, do not use customized fonts in your PDF file that have the same name as the standard PostScript fonts. If you wish to use customized fonts, we suggest giving them unique names.

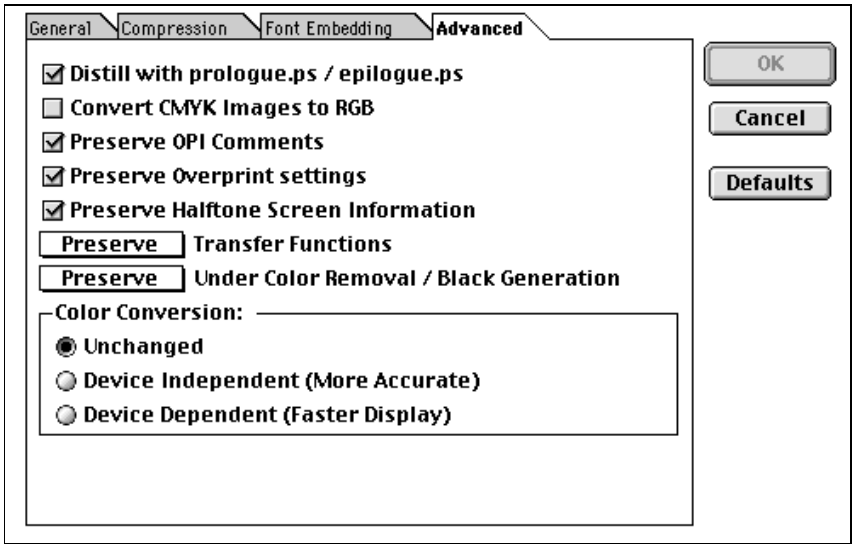
Subset fonts below

Use this option if you do not plan to edit text in the PDF file. Subsetting fonts reduces the size of embedded fonts, by instructing the Distiller to embed only the actual characters used in the document, rather than embed the entire font set. If the number of characters used in the font exceeds the value you define, then Distiller will embed the entire font.

We recommend defining the **Subset Fonts below** value as **99%**. This setting ensures that, in almost all cases, subsetting occurs, thus preventing the embedding of entire font sets.

Important: Subsetting most often disables text editing with the *Touch-Up Text* tool in Acrobat Exchange, on both Macintosh and PC platforms.

8. Select the **Advanced** tab. Set the *Advanced* parameters according to the settings in the following window:



Color Conversion

In general, there is no need to change the color data.

Unchanged
Select this option to leave the data unchanged.

Device Independent (More Accurate)
Select this option if your RIP server supports device independent color management (ICC Profiles).

Device Dependent (Faster Display)
Select this option if your file goes to the World Wide Web (WWW).

Previewing PDF Files

PDF files can be previewed on the Brisque via the Adobe Acrobat Exchange 3.x application.

You can preview a selected PDF file in any of the following ways:

- Drag it from the *File Manager* onto the *Preview* icon.
- Double click it from the *File Manager* window.
- Point to a PDF file in the *File Manager* with the Mouse, then hold down the right *Mouse* button, and from the popup menu that appears, select **Preview**.

Once opened, Adobe Acrobat Exchange 3.x lets you view your PDF file, as well as make limited modifications to it (i.e. add bookmarks, thumbnails, etc.). The thumbnails and bookmarks modifications made at this stage, are only visible in the Acrobat Exchange application and will **not** appear in the printed document following the PDF RIP.

When used on the Brisque, the Acrobat Exchange 3.x *File* menu is slightly modified. Some of the regular options (such as *Open* and *Print*) are unavailable when you are previewing a PDF file on the Brisque. In addition, two options are added in order to support the standard Brisque Job Ticket workflow. The two new options are *Exit and Terminate Job* and *Exit and Hold Job.*

- To exit the *PDF Preview* and terminate the Job Ticket (if one exists), from the *File* menu, select **Exit & Terminate Job**; the Job appears in the *Failed Queue.*
- To exit the *PDF Preview* and put the Job Ticket on hold, from the *File* menu, select **Exit & Hold Job**. (*For more information, see the Queue Manager chapter in the Brisque User Guide.*)
- To continue directly to the subsequent operations in the Job Ticket (e.g. RIP), from the *File* menu, select **Exit**; you exit the *Preview* application.

Note: The Preview application does not perform a simulated RIP of the PDF. It is merely used to graphically view and check the contents of the PDF file.

RIPping PDF Files

Before you can use PDF files on a Scitex output device, they must be converted into a Scitex supported format. RIP is the acronym for *Raster Image Processing*. The RIP application converts PDF files into Scitex raster format files that can then be processed by various operations on the Brisque, such as being exposed on a Scitex imagesetter, printed on a proofer, etc.

Note: Do *not* RIP PDF files on a remote volume that has an underlying DOS/WinNT/Novell operating system. If you do so, this will result in problems with the RIP.

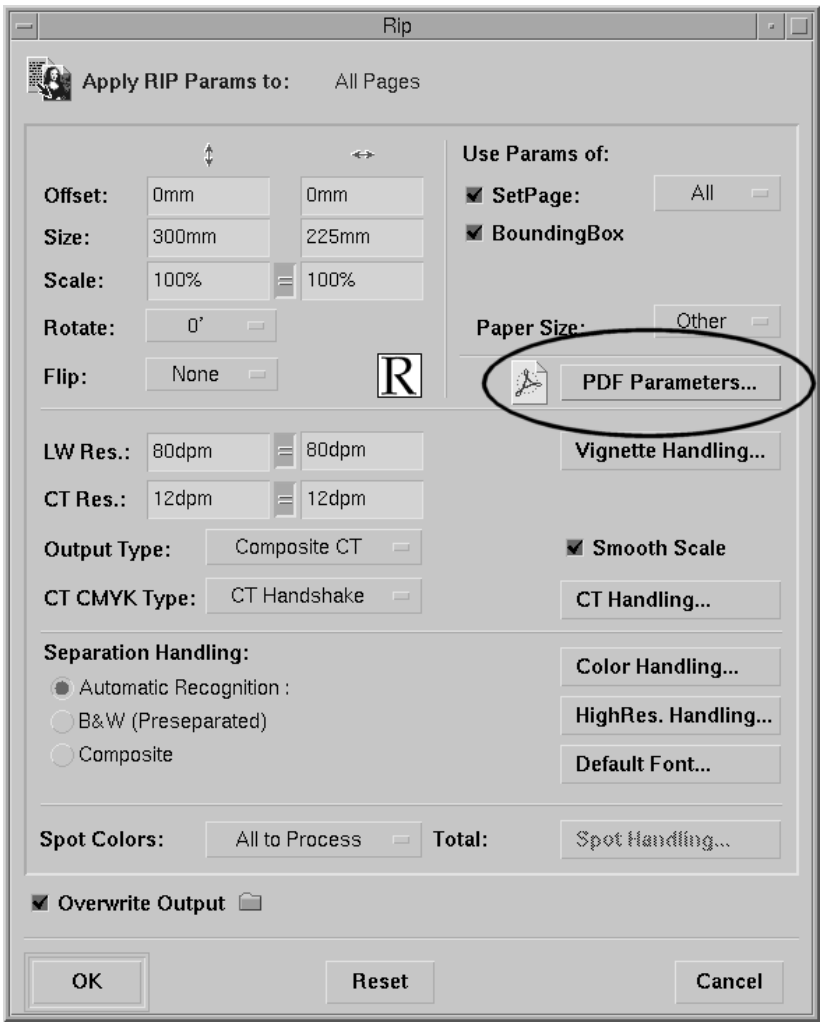
When creating the input files, you can use either CMYK or RGB image color modes for CT and LW data. The Brisque 2.2 Option Update currently handles Spot data for LW only *(refer to the section called RIPping PDF Files on page 3-10)*. Working with Spot LW data is only supported after the required support files are installed *(see the section called Adobe Acrobat Distiller Guidelines on page 3-4)*. Spot CT support will be available in the PDF APR workflow, however the PDF APR workflow is not currently supported with Brisque version 2.2 Option Update. The support files for the PDF APR workflow will be supplied on demand, at a later date.

If your PDF file also contains Spot data, we suggest you work according to the following guidelines:

If your PDF contains the following Spot Color data	Then work according to these guidelines
Spot LW	If you are sure that no Spot Handling modifications are to be made to the Spot data via the *RIP* window, then you can RIP the PDF file directly with the RIP application on the Brisque. On the other hand, if you want to make Spot Handling modifications to the Spot data, then you must first export the PDF file to PostScript format, with any Export PS plug-in in Acrobat Exchange 3.x. Then RIP the PostScript file as you normally would any PostScript file. **Important:** When you RIP the resulting PDF file (directly on the Brisque) or the PostScript file (after Acrobat Exchange) that contains the Spot LW data, in the main *RIP* window, from the *Spot Color* menu, select **Specific**.
Spot CT	Since Spot CT is only supported in the PDF APR workflow, which is currently unavailable with the Brisque 2.2 Option Update, you cannot currently RIP the PDF file directly with the RIP application on the Brisque. The support files for the PDF APR workflow will be supplied on demand, at a later date.

Note: Working with Spot LW data is only supported after the required support files are installed *(see the section called Adobe Acrobat Distiller Guidelines on page 3-4)*.

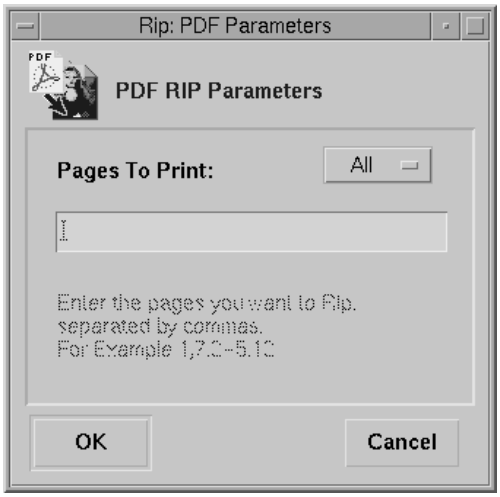
- **To edit the RIP default operation parameters,** from the *Launch Pad*, open the *Operations* panel, then double click the **RIP** icon; the *RIP* window appears.
- **To edit the RIP parameters for a specific Job,** from within the *Job Ticket Editor*, double click the **RIP** icon; the *RIP* window appears.
- **To edit the RIP parameters for a specific Template**, from within the *Template Builder*, double click the **RIP** icon; the *RIP* window appears.



When RIPping a PDF file or building a Template, the *RIP* window displays the *PDF Parameters* option. PDF is a Page-independent format, enabling you to RIP the whole file or selected Pages, according to your needs. *For information on the regular RIP parameters, refer to the PS RIP chapter in the Brisque User Guide.*

To select which Pages to RIP:

1. From the main *RIP* window, select the **PDF Parameters** option.



2. From the *PDF Parameters* window that appears, select between **All**, **Even**, **Odd**, **First,** or **Range** for a specific Page, or range of Pages, e.g., 2, 5-24, 32.
3. Click **OK**.

Note: Currently, even when you select non-contiguous PDF Pages to be RIPped, the resulting RIPped Pages will be numbered sequentially. For example, if you select either pages 2, 5-24, 32 or pages 43, 54-65, 68, the resulting Jobs will have Pages numbered 1, 2, 3, etc.

Sending PDF Files

The Send application on the Brisque supports PDF files. You can use the Send application to send PDF files throughout the network allowing you to process Jobs and files on remote stations during production. You can also use the *Send* application to simply transfer files from the local Brisque to a remote Brisque, and to move or copy a Job to a Ripro Server, a Ripro Archiver, or to a particular volume or folder on the local Brisque.

APPENDICES

- **Appendix A Installation Procedure**
- **Appendix B Known Bugs & Limitations**

A INSTALLATION PROCEDURE

The Brisque 2.2 Option Update CD contains the following update features:

- **TIFF/IT-P1** (password protected)
- **Export PS** (password protected)
- **PDF RIP**

Important Note: These updates can only be installed on top of ***Brisque version 2.2***, which already has ***Update II*** installed over it. The updates are independent of one another, and can therefore each be installed separately.

To install the Brisque 2.2 Option Update:

1. Login to the system as <**root**>.
2. Insert the *Brisque Option Update* CD into the CD-ROM drive.
3. At the Unix prompt, type in <**smit install_latest**>, then press <**Enter**>.
4. Press <**F4**>; a list of the input devices appears.
5. Use the arrow keys to select <**/dev/cd0 (SCSI Multimedia CD-ROM Drive)**>, then press <**Enter**>.
6. Press <**F4**>; the following *SOFTWARE to Install* list appears:

   - AcrobatExchange* (Acrobat Exchange)
   - UpdExportPS (Update for Export PS)
   - UpdPDFRip* (Update for PDF RIP)
   - UpdTiffIt (Update for TIFF/IT)

   * If you choose to install the PDF RIP option, Acrobat Exchange should be installed, as well.

7. Scroll with the up <↑> and down <↓>arrow keys, and press <**F7**> to select and highlight the Update Option(s) you wish to install. When you have finally selected *all* the options you wish to install, press <**Enter**>.

8. Press <**Enter**> again to begin the installation procedure; the system prompts you to confirm the installation. Press again <**Enter**> to confirm the installation command; the Update Option(s) you selected begin to install.

   At the end of the install procedure, the *Command Status* window displays the **OK** message, indicating a successful execution of the Brisque 2.2 Option Update installation.

9. Press <**F10**>; you exit SMIT and return to the Unix prompt.

10. Remove the *Brisque Option Update* CD from the CD-ROM drive.

11. Please contact your local Scitex representative for the licensing and protecting passwords.

    Once you update the passwords on your system, the Brisque is ready to operate with the *Brisque 2.2 Option Update.*

B KNOWN BUGS & LIMITATIONS

This section describes any known bugs and limitations to the Brisque 2.2 Option Update.

TIFF/IT File Format Support

- Currently, TIFF/IT-P1 does not support:
  - Spot colors.
  - Partial separation.
  - Pre-separated input.
- You cannot translate a TIFF/IT LW file, which has the 0^{th} index, in the color table, defined as a transparent color.
- Hot Folders are not currently sensitive to TIFF/IT-P1.
- A TIFF/IT Page that includes all 3 CT, LW and HC elements is not currently supported.

Export PS

Before implementing the Export PS application, it is important to be aware of the limitations concerning the PostScript conversion process. Being familiar with the inherent properties of the available output formats will allow you select the correct output format, which ultimately improves the quality and efficiency of your work.

Input Notes and Limitations

- Non-compressed CTs with the ASCII-encoding mode are not currently supported.
- Single CT files cannot be submitted to ExportPS.
- The input file is limited in size to a 4-up full format (30.08” / 21.69”).
- If the input Job is Pre-separated, the output file can only be a Pre-separated PostScript.
- The Export PS application supports LW / CT files that contain Spots (Monotone, Duotone, etc.).
- When performing an ExportPS operation on a Spot CT with ASCII compression, there is no overprint between multiple CT files.

Output Notes

- A multi-Page PostScript file is created from a multi-Page Job, however a DCS PostScript file cannot be created from a multi-Page Job input file.
- We recommend selecting output to **Composite** PostScript color files, and not Separated PostScript files. Composite color files are smaller than Separated PostScript files because much of the code for Separated PostScript files is repeated four times or more.

  Furthermore, Composite color files are processed more efficiently by some NT-based pre-press applications, such as Harlequin RIP. This is because the composite stream is smaller than the separated stream.

  Moreover, PostScript Level 2 RIPs are gaining popularity in the production of color separations, and require Composite PostScript language streams, which are incompatible with Separated PostScript language streams.
- Spot Colors conversion to the Pre-separated PS type is not currently supported.
- We recommend printing to a spooler that can handle a Queue mechanism.
- You cannot print to an Apple-talk device, when no zone(s) are configured.

PDF Files on the Brisque

- The PDF APR workflow is not currently supported with Brisque 2.2 Option Update.

  To support this type of workflow, a file named *ScitexDistillerStartup.ps* must be installed on your system. This file will be supplied on demand, at a later date.

- Do not RIP PDF files on a remote volume that has an underlying DOS / WinNT / Novell operating system. If you do so, problems will result with the RIP.

- Currently, even when you select non-contiguous PDF pages to be RIPped, the resulting RIPped pages will be numbered sequentially. For example, if you select either pages 2, 5-24, 32 or pages 43, 54-65, the resulting Jobs will have pages numbered 1,2,3 etc.

- If a multi-Page PDF file contains multiple Crop Boxes that do not start from the identical offset position on all the Pages, the Scitex Job resulting from the PDF RIP will not contain the correct images (some of the images will be trimmed). This does not occur if the PDF contains multiple Crop Boxes that start with the same offset position for each and every Page, even if each Crop Box has a different size.

- Hot Folders are not currently sensitive to PDF operations.

- When RIPping a PDF file, you cannot define the Destination Name of the Job to be created, via the *RIP* window. (Currently, the *Destination Name* field is not displayed in the RIP window.)

- When RIPping a PDF with Spot Colors, from the **Spot Color** menu button, in the *RIP* window, select either the **All to Process** or **Specific** option . For PDFs, these two options currently behave as would the **All to Spot** option for a PostScript file. Selecting the **All to Spot** option in the *RIP* window, will result in a faulty Scitex Job.