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Brisque DFE/Print Console

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Brisque-to-Print Console Connectivity

(via Screen2Go)

Technical Bulletin

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About this Document

CreoScitex is currently testing several workflow solutions that enable cross-connectivity between the Brisque and Prinergy digital front ends (DFEs) and the various CreoScitex output devices.

In this document, we describe one of these solutions—Brisque DFE connectivity via Screeen2Go to the Print Console workstation, enabling direct exposure of Brisque files from the Brisque DFE to any Trendsetter, Trendsetter Spectrum, ThermoFlex, and Proofsetter output devices, over the network.

This document describes the following:

- Software and hardware requirements and logistics
- What output devices are supported in a Brisque-to-Print Console workflow
- Software loading instructions
- Overview of the Brisque-to-Print Console workflow
- How the Brisque DFE connects to Print Console and Trendsetter output devices
- Preparing the Brisque applications participating in the Brisque-to-Print Console workflow—Screen2Go, templates, and hot folders
- Configuring Print Console for Brisque-to-Print Console connectivity
- Preparing Brisque files for output
- How Brisque TIFF files are sent to Print Console for imaging on Trendsetter device
- Brisque TIFF files and color separations
- Grouping Jobs In Print Console

Additional Documentation

This technical bulletin is tailored to Brisque, Print Console, and Trendsetter connectivity. Other existing documentation, which may be of assistance, is listed below.

Brisque Documentation

- **Brisque version 3.0 Documentation Set**. (Cat. No. 501V50356D). Contains the entire Brisque documentation set on a single CD-ROM, such as the Brisque User Guide, and Brisque Quick Start. All manuals are PDF-based and require Acrobat Reader to view.
- **Brisque version 3.0.38 – Release Notes** (Cat. No. 399Z1M373A). Details the Brisque version 3.0.38 package, officially released in October 1999.
- **Brisque Extreme version 1.0.34 - Release Notes** (Cat. No. 399Z1N583A). Details the first upgrade of Brisque 3.0, called Brisque 3.0 Options Revision 1.
- **Brisque 3.0 Options Revision 2 - Installation and Release Notes** (Cat. No. 399Z1N699A). Details the second upgrade to Brisque version 3.0. This upgrade adds many new and exciting features to the Brisque DFE, including major enhancements to the Brisque Extreme environment, and additional workflow-related tools and solutions.

Print Console Documentation

- **Print Console Reference Guide** (Cat. No. 03-4119A-D). Describes Print Console concepts, dialog boxes, windows, menus, system and job configuration.
- **Print Console User Guide** (Cat. No. 03-4127A-D). Contains software procedures for managing jobs on the **Pending** tab of the Queues window, on the Status window, and on the **Processed** tab of the Queues window.
- **Third Party TIFF Workflows and Print Console Technical Bulletin** (Cat. No. 78-0038B-A). A technical bulletin tailored to third party RIPs generating TIFF files and Print Console connectivity. This bulletin describes how third party RIPs connect to Print Console, where to configure calibration, how to configure Print Console for third party RIPs, and how to image media using third party TIFFs, Print Console, and an output device. It also includes some tips for the third party TIFF workflow.
- **NFS Configuration - Brisque-to-Print Console via Hummingbird Configuration Tips.** Document for information on how to use NFS Hummingbird software to connect UNIX and Windows NT systems. To read this document, See the ***Appendix***.

Introduction

Screen2Go is a new application that operates on the Brisque DFE. Screen2Go converts native Brisque files, such as CT, LW, NCT, CTHS, LWHS, Page and Job formats to compressed 1-bit TIFF files. Three types of compression are available: CCITT G4, TIFF LZW and Pac Bit TIFF. Each color separation is converted to a TIFF file that includes the required screening. The screen set parameters are set according to the output device requirements (resolution, angles etc.). Screen2Go uses the TSP board to perform the TIFF file screening. If necessary, the file can be rotated by the rotation board.

The TIFF file can be exposed on a variety of CreoScitex output devices, such as the Trendsetter platesetters and other output devices that accept the standard TIFF/G4, TIFF LZW or Pac Bit TIFF file formats.

Screen2Go creates an output TIFF file from the input Brisque file and sends the file to a predefined "Send" Hot Folder on the Brisque DFE. The TIFF file may be sent to 3rd-party output devices via the network or removable media.

Screen2Go is password protected and is available for three sizes:

- Screen2Go_4up - 4 up
- Screen2Go_8up - 8up
- Screen2Go_VLF - no size limit.

Requirements, Supported Devices and Logistics

Software Requirements

Brisque DFE Software

- Brisque Impose or Brisque Base version 3.0.38
- Brisque 3.0 Options Revision 2 update
- UpdScreen2Go 1.10 update module or later
- Password and license - *Screen2Go* is password protected and requires a license to operate. Contact your local CreoScitex Care Center for details.

Print Console Software

- Print Console version 1.04
- TIFF Downloader version 2.0
- Network File System (NFS) client/server software application - Hummingbird
  (Other NFS software, such as NFS DiskShare and UNIX Services for Windows are currently being tested).

Hardware Requirements

Brisque DFE Hardware

- Brisque DFE: 43P or F50 platforms
- Rotation Board (optional)
- TurboScreen Processor (TSP) board, Revision B or later.

Print Console and Output Device Hardware

- Print Console workstation with Intel processor
- See following page for supported output devices.

Supported Output Devices

Brisque-to-Print Console connectivity currently supports the following output devices (3230, 3244 and VLF models):

- Trendsetter
- Trendsetter Spectrum
- Proofsetter Spectrum
- ThermoFlex.

Logistics

Part No.	Package	Pre-requisites
(*)	Brisque Screen2Go Module	• Brisque Impose version 3.0.38 • Brisque 3.0 Options Revision 2 update • TSP board • Rotation board • Print Console 1.04 with TIFF Downloader 2.0

(*) For more information or queries please contact your local CreoScitex Care Center.

Software Installation

We assume you have the following software installed on your Windows NT workstation:

- Print Console v1.04
- TIFF Downloader v2.0
- NFS Hummingbird server software.

To enable Brisque-to-Print Console connectivity, you must install the Screen2Go module on the Brisque DFE. To install Screen2Go, follow the instructions below.

Installing the Screen2Go Module on the Brisque DFE

Note: In case of upgrading from previous versions, write down all *Media Set* parameters (from the *Config* window) and retype them in after the installation is completed.

To install Screen2Go:

1. First install the Brisque 3.0 Options Revision 2 update software. Follow the instructions in the *Brisque 3.0 Options Revision 2 - Installation & Release Notes* (Cat. No. 399Z1N699A).
2. If the Brisque DFE application is running, quit the application and log in as ***root***.
3. Enter your password (***ripro*** is the default password).
4. Place the UpdScreen2Go CD-ROM into the drive.
5. At the console prompt, type ***UpdInstall UpdScreen2Go*** and then press <**Enter**>.

   The update procedure is launched. When complete, remove the CD-ROM from the drive and type ***shutdown -r now*** to reboot the Brisque.
6. Log in as ***cdesci*** and press <**Enter**> twice to start the Brisque DFE application.

Important: Screen2Go requires a purchasable password to operate. Contact your CreoScitex Care Center for details.

Brisque-to-Print Console Workflow

How the Brisque DFE Connects to the Print Console Workstation

The Brisque DFE images files to the Trendsetter and other supported output devices via Print Console.

The Brisque DFE runs on a AIX server. The Print Console workstation runs on a Windows NT server. The two are connected by NFS Hummingbird server software, which is a maestro client allowing connectivity between Windows NT and AIX systems.

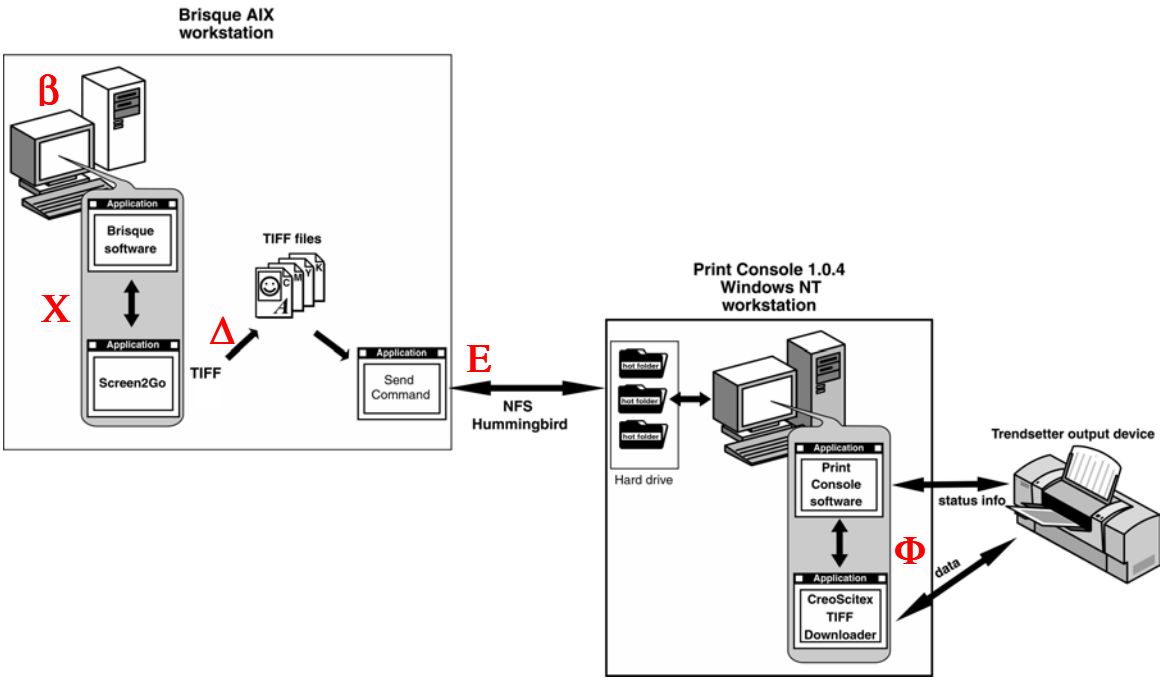
The Brisque transfers output files directly to the Print Console workstation through the NFS Hummingbird server software, which is installed on the Print Console workstation.

See the CreoScitex *NFS Hummingbird Services for UNIX Installation & Configuration* document for information on how the NFS Hummingbird software is used to connect UNIX and Windows NT systems. See the *Print Console Reference Guide* for more information on the Print Console workstation.

How the Brisque DFE Sends Files to Print Console

The Brisque creates TIFF files from standard Brisque files, using the Screen2Go application. The Brisque Send command then transfers the TIFF to the Print Console workstation over the network, using the NFS Hummingbird server software. The TIFF files are copied directly to a Print Console hot folder, which processes the output to a connected Trendsetter, Trendsetter Spectrum, ThermoFlex, or Proofsetter device.

An outline of this workflow is described on the following page.



Brisque-to-Print Console connectivity workflow (see description below)

Brisque-to-Print Console connectivity workflow:

1. Create a Brisque Job (imposition or non-imposition).
2. Submit the Brisque Job to a predefined Brisque template, which contains the Screen2Go step.
3. Screen2Go creates an output TIFF file from the input Brisque Job.

   Tip: Define a general Brisque template with the Screen2Go application before you begin processing Jobs on the Brisque DFE. Use this template to process most of your Brisque Jobs. If the need arises, customize the Screen2Go output parameters accordingly on-the-fly, when you submit your Brisque Job to the template.

4. Screen2Go sends the TIFF file to a predefined "Send" hot folder on the Brisque, which copies the TIFF file to an output hot folder on the mounted Print Console workstation.

   Tip: Define the Brisque hot folder before you begin processing any Jobs on the Brisque DFE.

5. The Print Console hot folder receives the TIFF file and outputs to the device you are exposing to.

Preliminary Brisque Applications Setup

Before you begin sending files from the Brisque DFE to Print Console, make sure the following steps have been performed:

1. **Define the TCP/IP address of the Print Console workstation on the Brisque DFE.**
2. **Configure NFS on the Print Console.**
3. **Mount the Print Console workstation on the Brisque DFE** - mount the Print Console workstation that is connected to the output device you are exposing to.
4. **Define a "Send" hot folder on Brisque DFE -** define a hot folder on the Brisque that is sensitive to the TIFF LW format and contains the Send command to an expose hot folder on the Print Console workstation. This hot folder is the output destination for the Screen2Go application (see next step)
5. **Configure Screen2Go** - configure Screen2Go on the Brisque according to the Media Sizes of the output device you are exposing to.
6. **Define a Screen2Go Job template on the Brisque DFE -** define a Job template on the Brisque with the Screen2Go application. Define the output parameters for the Screen2Go application and designate the Brisque hot folder (step 2) as the output destination.

Step 1 - Defining the TCP/IP address of the Print Console Workstation on the Brisque

To define the TCP/IP address of the Print Console Workstation on the Brisque:

1. From the *Brisque Launch Pad*, double click the **Terminal** icon.
2. Type your user name and password; The *Terminal* window appears.
3. Type **smit tcpip** and select **Further Configuration**.
4. Select **Name Resolution** and then **Hosts Table**.
5. Select **Add a Host**; the *Add A Host Name* window appears.
6. In the *Internet Address* field, type the Print Console Workstation IP address.
7. In the *Host Name* field, type the Print Console Workstation name.
8. Click **OK** and then exit *Smit*.

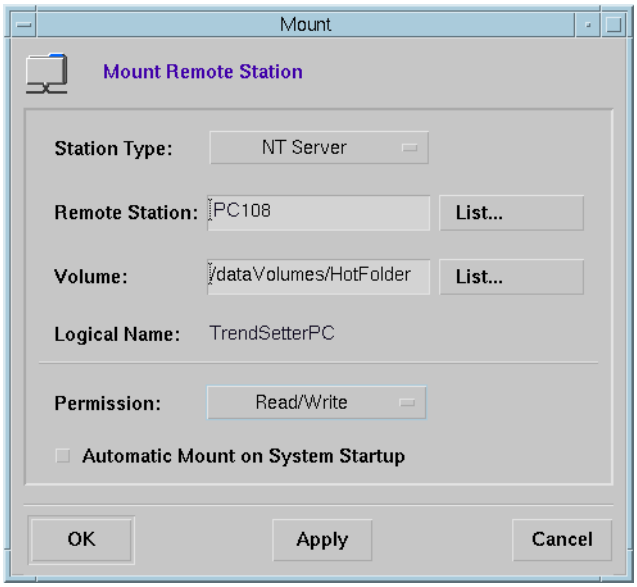
Step 2 - NFS Configuration on Print Console

For details, see the ***Appendix***.

Step 3 - Mounting the Print Console Workstation on the Brisque

To mount a Print Console workstation on the Brisque DFE:

1. From the Brisque *Launch Pad*, open the **File Manager** panel.
2. Double-click the **MountPro** icon. The *Devices & Remote Stations* window is displayed.
3. Click **Mount**. The *MountPro* window is displayed.



Brisque MountPro parameters

4. From the *Station Type* menu, select **NT Server**.
5. In the *Remote Station* field, type the Print Console workstation's **Name** (as defined in the *Hosts Table*), and then press <**Enter**>.
6. To the right of the *Volume* field, click **List**. Use the browser to select a volume/drive on the Print Console workstation, which contains hot folders.
7. From the *Permission* menu, select **Read/Write**.
8. Click **OK** to return to the *Devices & Remote Stations* window. The Print Console workstation is mounted as a datavolume on the Brisque DFE.
9. Click **OK** to close MountPro.

Tip: If you have trouble mounting the Print Console on the Brisque DFE, your NFS Hummingbird software may not be setup correctly. Refer to the *NFS Hummingbird Services for UNIX Installation & Configuration* document for details.

Step 4 - Defining a Brisque "Send" Hot Folder

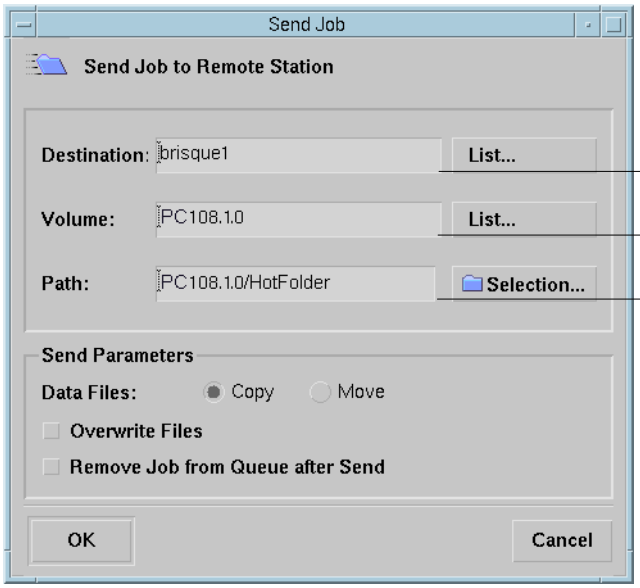
A Brisque hot folder is required to transfer TIFF output files over the network from your Brisque DFE to a Print Console workstation. Create this hot folder before defining the Screen2Go output parameters (see ***Step 6 - Defining a Screen2Go Job Template*** on ***page 19***).

To define a Brisque "Send" hot folder:

1. From the Brisque *Launch Pad*, double click the **HF Setup** icon; the *Hot Folder List* window is displayed.
2. Click **New**; the *New Hot Folder* window is displayed.
3. Click the **Selection** button. A browser window is displayed.
4. From the browser, select an input hot folder on the local Brisque, from the browser.

Note: You cannot create a hot folder whose Input Folder is located on a mounted station.

5. From the Template area, click **New**. The *Template Builder* window is displayed.
6. Create a template with the Send application.
7. Double-click the **Send** icon to display its process parameters.

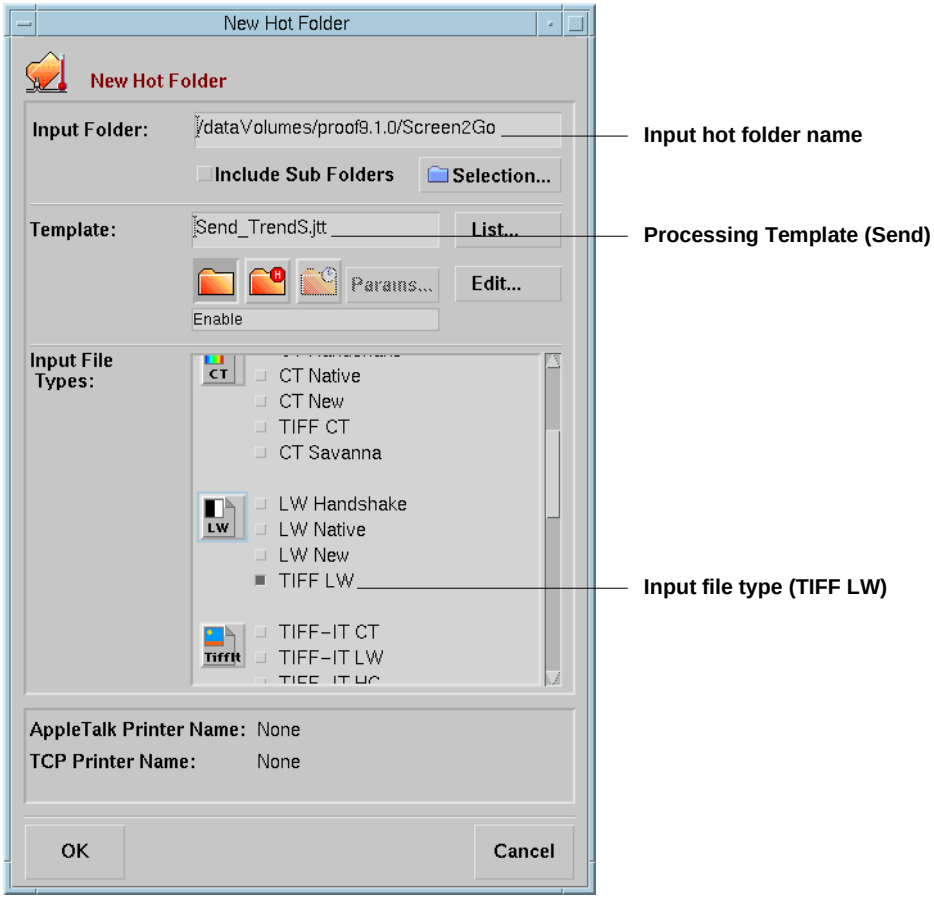


Brisque Send parameters

8. Click the **List** button, located to the right of the *Destination* field. Select the local Brisque station Host name.
9. Click the **List** button, located to the right of the *Volume* field. Select the mounted Print Console volume/drive on which the destination hot folder resides.
10. Click the **Selection** button, located to the right of the *Path* field. Select a destination hot folder on the Print Console workstation, which controls output to a Trendsetter, Trendsetter Spectrum, ThermoFlex, or Proofsetter device.
11. Click **OK**. You exit the *Send* window.

12. Click **Save**. You exit the *Template Builder* window and return to the *New Hot Folder* window.

13. In the *Input File Types* area, select the **TIFF LW** check box.



Creating a new hot folder on the Brisque DFE

14. Click **OK**. The hot folder parameters are saved and you exit the *New Hot Folder* window. The input folder you selected is assigned a hot folder icon.

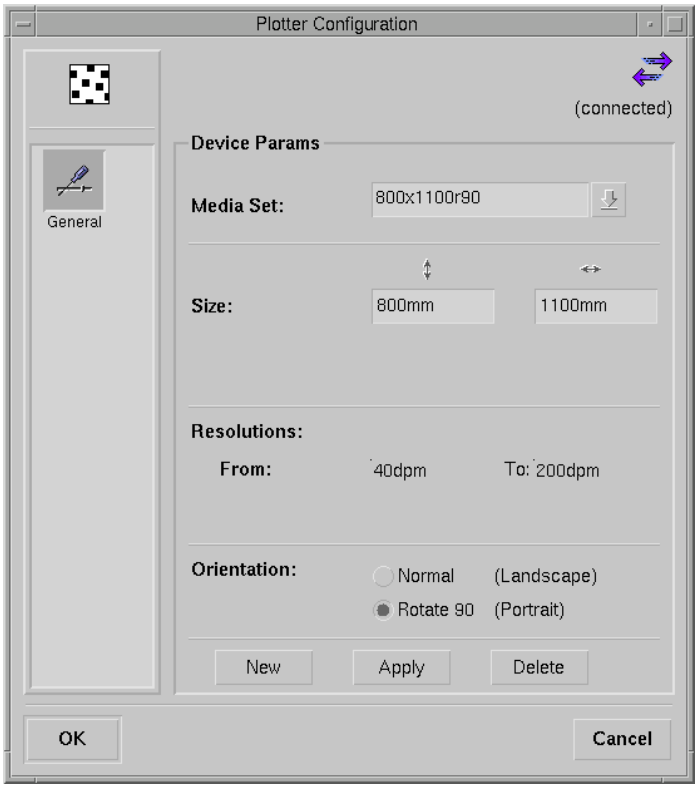
15. Click **OK**. You exit the *Hot Folder Setup* application.

Step 5 - Configuring Screen2Go

You configure Screen2Go on the Brisque according to the Media Sizes of the output device you are exposing to. To do so, you create new Media Sets that include the Media Size parameters listed on the Print Console workstation.

To configure Screen2Go:

1. From the Brisque *Launch Pad,* open the **Setup** panel, then double click the **Config** icon; the *Config* window is displayed.
2. Click the **Screen2Go** icon; the following dialog box is displayed.



3. Click **New**; the existing *Media Set* and *Size* parameters are cleared.
4. In the *Size* field, type the height and width of the Media Size (taken from the Print Console workstation).
5. In the *Orientation* area, select the appropriate orientation for the plate.
6. In the *Media Set* field, type a name for the new Media Set.

Tip: You may want to include size and/or orientation parameters in the name of the Media Set so that you can recognize it quickly in the list of Media Sets.

7. If you want to create another new Media Set, click **Apply** and repeat *steps 4* to *6*.

   Or:

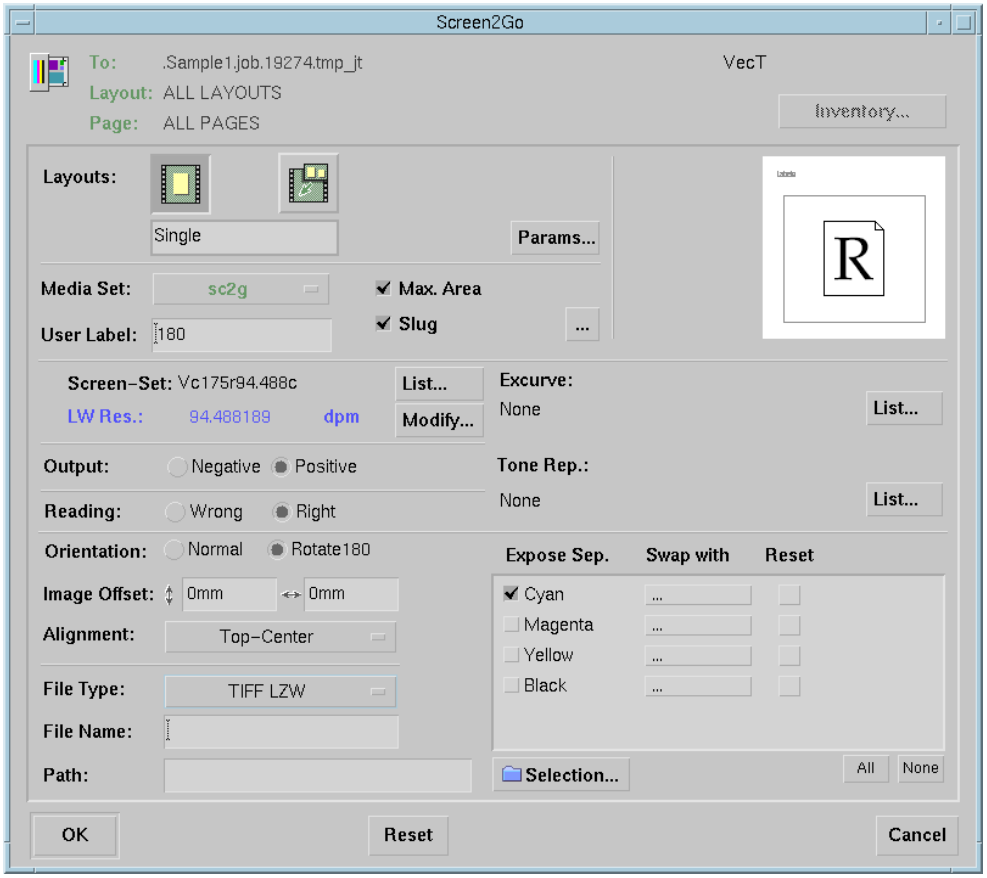
   Click **OK** to save the new Media Set.

Step 6 - Defining a Screen2Go Job Template

Screen2Go cannot be launch manually from the Brisque *Launch Pad* or from the right-click popup menu. To submit Jobs to Screen2Go, use a Brisque template containing the Screen2Go step. Then, link Screen2Go to the "Send" hot folder you defined in the previous section, which will copy the output TIFF files to the Trendsetter's Print Console workstation for exposure.

To define a Screen2Go Job Template:

1. From the Brisque *Launch Pad*, open the **Automation Tools** panel.
2. Double-click the **Builder** icon. The *Template Builder* window is displayed.
3. Create a template with the **Screen2Go** step.
4. Double-click the **Screen2Go** icon to display the Screen2Go process parameters.



Brisque Screen2Go parameters

5. Define the SCreen2Go process parameters according to your needs. Note, the parameters in the *Screen2Go* window are very similar to those in the Expose application on the Brisque DFE.

   ➢ In the *File Type* field, select **TIFF LZW** (for faster TIFF file creation).

6. To align the input file with the output media:

   - From the *Media Set* list, select a Media Set that matches the parameters of the output media that you are going to use.

     Note: See ***Step 5 - Configuring Screen2Go*** on ***page 18*** to add new Media Sets to the *Media Set* list.

   - Select the **Max. Area** check box to process the input file in the measurements of the output media.

   - In the *Alignment* field, choose whether you want to set alignment from Top-Center, Bottom-Right, Bottom Center or Top-Left and type the *Image Offset* values accordingly.

7. Click the **List** button, located to the right of the *Screen-Set* field. Select an appropriate TurboScreen Set.

   Important: Define a screen resolution of 2400 dpi (94.488 dpm).

   The following default Screen Sets are supplied with this version of Screen2Go:

FORMAT NAME	MESH		NOISE				SPEED	CHANGE
	CMY	Y	C	M	Y	K		
Vc85r94.488c	3.42632	3.4995626	0	0	0	0		
Vc120r94.488c	4.772374	4.973063	0	0	0	0		
Vc133r94.488c	5.345059	5.558129	0	0	0	0		
Vc150r94.488c	5.56777	5.905512	0	0	0	0		
Vc175r94.488c	7.032959	7.268308	0	0	0	0		
Vc200r94.488c	7.860366	7.874	0	0	0	0		
Vs85r94.488c	3.435934	3.435934	0	0	0	0		
Vs120r94.488c	4.845548	4.845548	0	0	0	0		
Vs133r94.488c	5.39933	5.39933	0	0	0	0		
Vs150r94.488c	6.096012	6.096012	0	0	0	0		
Vs175r94.488c	6.999125	6.999125	0	0	0	0		
Vs200r94.488c	7.874016	7.874016	0	0	0	0		
Vs250r94.488c	10.051915	10.051915	0	0	0	0		
Vy175r94.488c	6.6813241		0	0	0	0		Angle =Yfree2 Yellow Scr. Freq. = Low
Vy200r94.488c	8.3189035		0	0	0	0		Angle =Yfree2 Yellow Scr. Freq. = Low

If you wish to create a customized Screen Set, use the data provided in the table below:

COMPOSED DOT				
Default parameters:	**Dot Type** = Composed **D-Ratio** = 80 **P-Noise** = 0			
Shifted angles:	**C**=112.5	**M**=-7.5	**Y**=97.5	**K**=-37.5
Conventional angles:	**C**=105	**M**=-15	**Y**=90	**K**=45
YMoireFree angles:	**C**=15	**M**=75	**Y**=0	**K**=45

8. After you select a Screen Set, click **OK** to return to the *Screen2Go* window.
9. Click the **Selection** button, located to the right of the *Path* field. Use the browser to select the Brisque hot folder you defined previously as the output destination (see ***Step 4 - Defining a Brisque "Send" Hot Folder*** on ***page 16***).
10. From the *Screen2Go* window, click **OK**. You exit back to the Template Builder.
11. Click **Save**. The template file is automatically saved in the system's ***Templates*** folder. You automatically exit the *Template Builder* window and return to the Brisque CDE (Common Desktop Environment).

Defining Print Setups and Hot Folder Input Queues in Print Console

You create print setups in the *Configure Print Setups* dialog box, which is opened from the **Configuration** > **Print Setups** menu command.

In this section, we describe making print setups for proof, film and plate output.

Creating a Film-Making Print Setup

This section describes how to configure a print setup for film-making. When creating a print setup for film-making, set the following options as indicated in the *Configure Print Setups* dialog box in Print Console.

1. In the **Output Medium** box, select an output medium for film-making.
2. In the **RIP Name** box, select **CreoScitex TIFF Downloader**.
3. In the **Data Format** box, select **TIFF**.
4. Clear the **Scan for Output Medium name** check box.
5. Select the **Auto approve** check box to turn automatic job approval on.
6. In the **Separation** tab, select the **Ignore RIP color names when matching** check box.

You can set the remaining options in the *Configure Print Setups* dialog box as desired.

To create a print setup for film-making:

- Follow the procedure in the *How to Create New Print Setups* section of *Chapter 7* in the *Print Console Reference Guide* and set the options as described in this section.

Creating a Digital Halftone Proofmaking Print Setup

This section describes how to configure a print setup for digital halftone proofmaking. When creating a print setup for digital halftone proofmaking, set the following options as indicated in the *Configure Print Setups* dialog box in Print Console.

1. In the **Output Medium** box, select an output medium for digital halftone proofmaking.
2. In the **RIP Name** box, select **Creo TIFF Downloader**.
3. In the **Data Format** box, select **TIFF**.
4. Clear the **Scan for Output Medium name** check box.
5. Clear the **Auto approve** check box to turn automatic job approval off.
6. In the **Separation** tab, select the **Ignore RIP color names when matching** check box.

You can set the remaining options in the *Configure Print Setups* dialog box as desired.

To create a print setup for digital halftone proofmaking:

- Follow the procedure in the *How to Create New Print Setups* section of *Chapter 7* in the *Print Console Reference Guide* and set the options as described in this section.

Creating a Plating Print Setup

This section describes how to configure a print setup for platemaking. When creating a print setup for platemaking, set the following options as indicated in the *Configure Print Setups* dialog box in Print Console.

1. In the **Output Medium** box, select an output medium for platemaking.
2. In the **RIP Name** box, select **Creo TIFF Downloader**.
3. In the **Data Format** box, select **TIFF**.
4. Clear the **Scan for Output Medium name** check box.
5. Select the **Auto approve** check box to turn automatic job approval on.
6. In the **Separation** tab, select the **Ignore RIP color names when matching** check box.

You can set the remaining options on the *Configure Print Setups* dialog box as desired.

To create a print setup for platemaking:

- Follow the procedure in the *How to Create New Print Setups* section of *Chapter 7* in the *Print Console Reference Guide* and set the options as described in this section.

Creating Hot Folder Input Queues in Print Console

Hot folders are a means of submitting jobs to Print Console. In Print Console, job submission mechanisms are called input queues. You must create a hot folder input queue for each print setup. You must then attach each print setup to its hot folder. When you submit a file to Print Console via a hot folder that has a print setup attached to it, Print Console uses the print setup configurations to initialize job properties for the incoming files. You can edit job properties as desired.

In summary, for every job type, you must create a print setup and hot folder. You must then attach the print setup to its hot folder. (These are the hot folders to which the Brisque Send command must automatically file-copy TIFF files.) For example, if you are imaging four-up and eight-up digital halftone proofs, plates, or film you need to create:

Print Setup Name	Hot Folder Name
4-Up	4-Up
8-Up	8-Up
Plating	Plating
Film	Film
Note: If you know the size of the plates, specify the plate size in the print setup name. For example, plate 32 × 30.	

You attach the **4-Up** print setup to the **4-Up** hot folder and the **8-Up** print setup to the **8-Up** hot folder, etc. You then submit 4-up jobs to the **4-Up** hot folder and 8-up jobs to the **8-Up** hot folder, and so on.

To create a hot folder input queue:

1. From the **Configuration** menu, select **Input Queue**.

   The *Configure Input Queues* dialog box is displayed.

2. Click **Add**.

   The *Create New Input Queue* dialog box is displayed.

3. Select **Hot Folder**, and click **OK**.

   The *Create New Hot Folder Input Queue* dialog box displays.

4. In the **Name** field, type a name for the hot folder input queue.

5. Select the **Enabled** check box to enable the hot folder input queue.

6. If you want to store the imaged files on the Print Console workstation, select the **Use done directory** and **Use failed directory** check boxes and type in the directory paths for the **done** and **failed** folders.

   Note: It is recommended that you create ***done*** and ***failed*** folders for TIFF files that are dragged and dropped into Print Console because it will ensure that you have a copy of the TIFF file that could be resubmitted should an error occur on the first attempt at imaging.

   If you want to store the imaged files on the Brisque workstation, do not create ***done*** or ***failed*** folders. A copy of the file will remain on the Brisque DFE, that can be resent to Print Console should an error occur during imaging.

7. Click the **Hot Folder** tab.

   The options on the **Hot Folder** tab are displayed.

8. Set the **Scan for new files every** and **File Stabilization** time options.

9. Click **OK**.

   Print Console creates the hot folder input queue and adds it to the list of input queues on the *Configure Input Queues* dialog box.

Creating a Hot Folder Input Queue and Attaching a Print Setup to It

You must create a hot folder for each print setup you create; then you must attach the print setup to its hot folder.

To create a hot folder input queue and attach a print setup to it:

1. Create a hot folder input queue.

   See the procedure before.

2. In the **Job Setup Options** section, select the **Use print setup** check box, and select a print setup from the menu list.

3. Click **OK**.

   Print Console attaches the correct print setup to the hot folder input queue.

For more information, see the procedure in the *How to Attach a Print Setup to an Input Queue* section of *Chapter 7* in the *Print Console Reference Guide*.

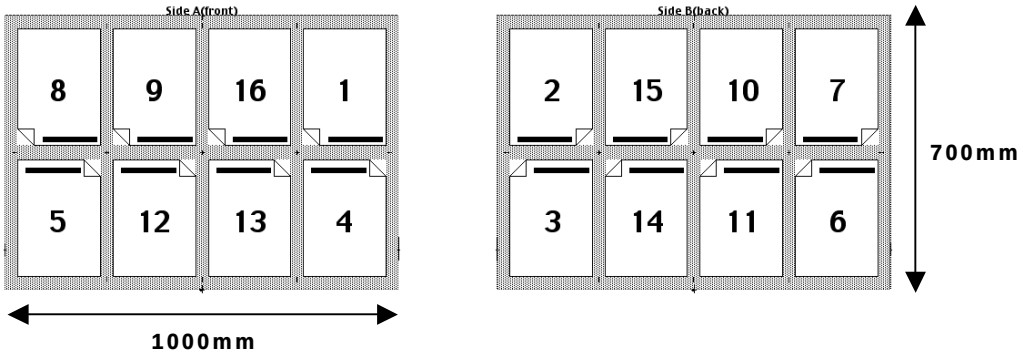
Sending Brisque Files to Print Console

Once you have completed setting up your Screen2Go template, and Brisque and Print Console hot folders, you may begin imaging your Brisque Jobs to any of the supported output devices, via Print Console.

Important Notes

- When you RIP your files on the Brisque DFE, make sure the *LW Resolution* parameter is set to **2400 dpi** (94.48819 dpm).
- Make sure the imposition layout fits the dimensions of the intended output device. Use a suitable PPD. Create your Brisque Pages, Brisque Jobs, and Imposition Jobs (from *Preps*) as you normally do, according to the size of your plates.

  For example, the Trendsetter 3244 dimensions are 1117mm (H) × 812mm (W). Your 8-up imposition layout should then look similar to the one displayed in the following diagram.



  There is no need to rotate your files before they reach the Print Console, since Print Console can do this for you, *on-the-fly*. If you are creating an imposition from *Preps*, we suggest you use Print Console's rotate options to define the final exposure orientation. See ***Rotating and Mirroring Files*** on ***page 27*** for more information on file rotation.

Exposing from the Brisque DFE to the Trendsetter

To expose your Brisque Job to a Trendsetter device from the Brisque DFE:

➢ Drag the Brisque Page/Job to the Screen2Go template and submit the Job Ticket. You may modify the Screen2Go parameters on-the-fly, before you submit the Job Ticket.

  Once you submit the Job Ticket for processing from the Brisque DFE, the exposure to the desired output device taken over by Print Console.

Important: Make sure the Print Console workstation is mounted on your Brisque, before you submit the Job.

Rotating and Mirroring Files

For faster throughput, we recommend you use rotate and mirror print (known as *flip* on the Brisque) from the RIP application on the Brisque DFE. If your file is already RIPped and for some reason, it is impractical to re-RIP with the desired rotation and mirror settings, we suggest you do the following (recommendation is based on preferable throughput times):

- To rotate 180° (clockwise) or mirror print, define the *Reading* and *Orientation* fields of the Screen2Go parameters accordingly. For details, see ***Step 6 - Defining a Screen2Go Job Template*** on ***page 19***.
- To rotate 90° (clockwise), select **Rotate 90 (Portrait)** in the *Orientation* field of the Screen2Go configuration window. For details, see ***Step 5 - Configuring Screen2Go*** on ***page 18***.

To rotate and mirror print from Print Console:

1. On Print Console, select **Print Setups** from the *Configuration* menu.
2. The *Configure Print Setups* dialog box displays.
3. Create a new print setup (see ***Defining Print Setups and Hot Folder Input Queues in Print Console*** on ***page 22***). Make sure **TIFF Downloader** is selected in the *Rip name* field, under the *General* tab.
4. To instruct the TIFF Downloader to rotate the TIFF files 90° clockwise, in the *TIFF Downloader* tab, select **Transform**.

   To mirror the image about the drum axis, select the **Mirror print** check box. Mirror printing is useful when imaging transparent media.

Original TIFF Image	Print Console Transform	Print Console Mirror Print	Output on Device
	Off	Off	
	On	Off	
	Off	On	
	On	On	

Print Console rotation and mirroring scenarios

5. Click **OK**.

Brisque TIFF Files and Color Separation

If you are submitting separated files, Print Console can automatically populate the color separation list with the names of the color separations, based on the file name extension, the file name, or the file scan results.

For Brisque RIP workflow TIFF files, Print Console populates the color separation list based on the file name ***<filename>-<sep>.tiff*** or ***<filename>.<sep>.tiff***. For example, Print Console determines that a TIFF file with the name ***test-c.tiff*** or ***test.cyan.tiff***, is a cyan color separation file.

See *Chapter 3* in the *Print Console Reference Guide*, for more information on color separations and Print Console.

Note: When creating a print setup, make sure the **Ignore RIP color names when matching** option in the **Separation** tab on the *Print Setups* dialog box is selected. See ***Defining Print Setups and Hot Folder Input Queues in Print Console*** on ***page 22*** for more information on creating print setups.

Grouping Jobs In Print Console

When you submit proof jobs to Print Console, on the pending queue, you must group the color separations before approving the job.

Important: Do not group platemaking jobs together.

To group pending proof jobs:

1. Click the **Queues** button.

   The *Queues* window is displayed.

2. Click the **Pending** tab.

   The jobs on the **Pending** tab is displayed.

3. Select the jobs you want to group.

   To individually select files, press and hold down the <**Ctrl**> key while you select the jobs you want to group together.

   Or,

   To select a range of files, select a job, and then press and hold down the <**Shift**> key while you select another job. Print Console selects both jobs, plus any jobs in between.

4. From the **Job** menu, select **Group**.

   Print Console groups the jobs you selected into one job. The grouped job assumes the job properties and job name from the first job you selected.

For information of approving jobs see the *Print Console User Guide*.

Known Bugs and Limitations

- Output to Trendsetters is currently limited to a screen resolution of 2400 dpi (94.48819 dpm) only. Therefore, make sure:
  - the output files are RIPped at this resolution. If not, re-RIP the files accordingly.
  - you select a Screen Set with this resolution.

Note: To create the output files in the exact resolution of 2400 dpi (94.48819 dpm): Double click the **Prefs** icon (*Utilities* panel), and click the **PS RIP** icon; The *RIP Preferences* window appears. Change the *Field Precision* parameter to **5**. Then, RIP the files at 2400dpi (94.48819dpm).

- Before proofing to a Trendsetter Spectrum, make sure that you select **All to Process** for the *Spot Colors* option in the RIP.

Note: If you wish to image a spot color on a spot color donor, there is no need to convert it to process in the RIP. You can map the spot color to the spot color donor in Print Console. For example, if you want to image an orange spot color on an orange donor you can do this in Print Console. You can have 6 donor colors in a cassette.

- You cannot manually launch Screen2Go from the Brisque *Launch Pad* or from a right-click popup menu. Screen2Go can only be launched from a Brisque template.
- Screen Sets: After installing the Update, if a platesetter and/or an imagesetter are connected to the Brisque, all screen sets may disappear from the list.

  Workaround: From the *Setup* panel, double click the **Config** icon and click **Expose**. Verify that the *status indicator* indicates that the output device is connected.
- License: The new options, screen2go_VLF, screen2go_8UP and screen2go_4UP are not displayed in the license list of Brisque Impose.

  Workaround: In the *scismit*, select **Licensing**, then **Update Options**, then **Brisque-Base.** Return to **Brisque-Impose**.
- Template: When you change a parameter(s) in the template (such as Max Area, Screen Set, or File Type) and then change the *Media Set*, all of the parameters you changed are restored to their previous settings.

  Workaround: First change the *Media Set* and then change the other parameters.

Appendix - NFS Configuration

See the next page for NFS Configuration.

NFS Configuration

Brisque to Print Console via Hummingbird Configuration Tips

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Section

1

Pre-Installation

Copy Password and Group file from Brisque

At NT station, open a command prompt window and run the following FTP session:

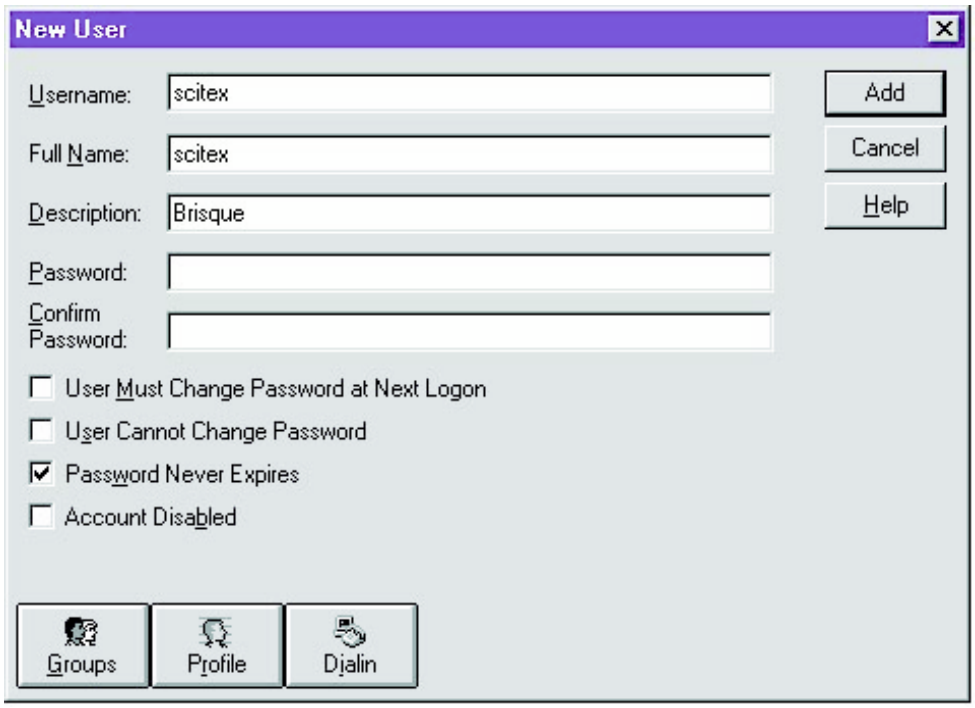
1). Open an MS-Dos shell.

2). Type the following:

ftp (brisque's IP address) <enter>
login as root (default password is ripro)
lcd c:\winnt\system32\drivers\etc <enter>
cd /etc <enter>
ascii <enter>
get passwd <enter>
get group <enter>
quit

Create a Scitex user

Go to Administrative tools→Users for local domains, create a user named “scitex”. No password should be given and “Password never expires” should be checked.



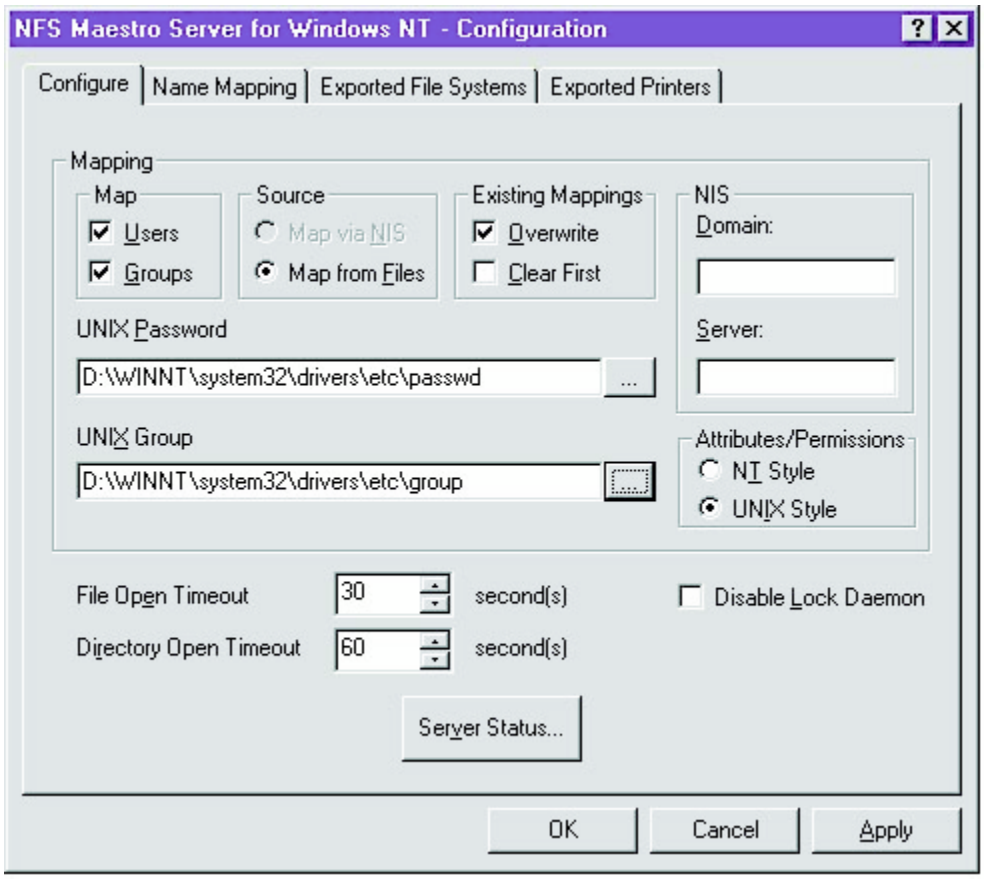
Section
2

Configuration

Hcl NFS Control Panel

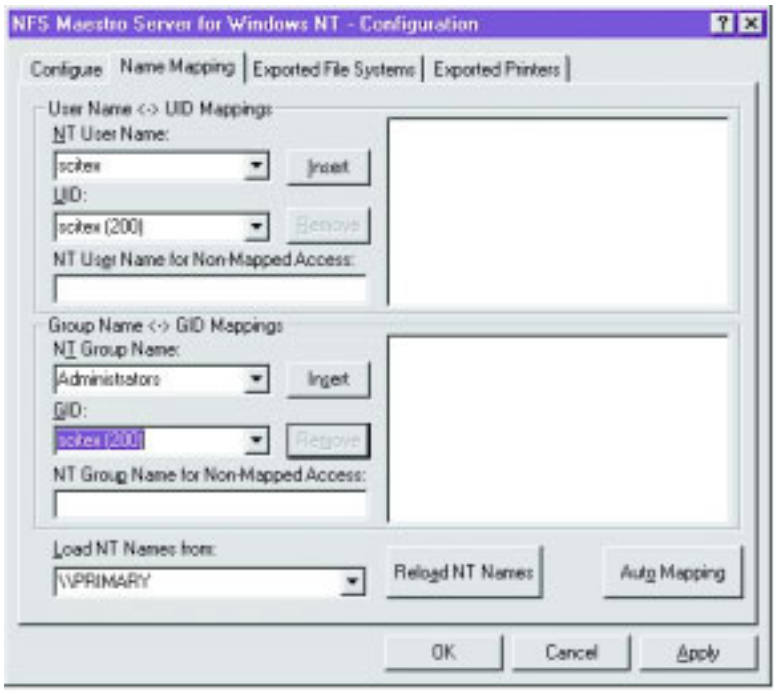
The following menus should be configured in the Hcl NFS Control Panel:

In the configure tab, browse to password and group file that was FTP'd from Brisque. Click "Apply" when done.

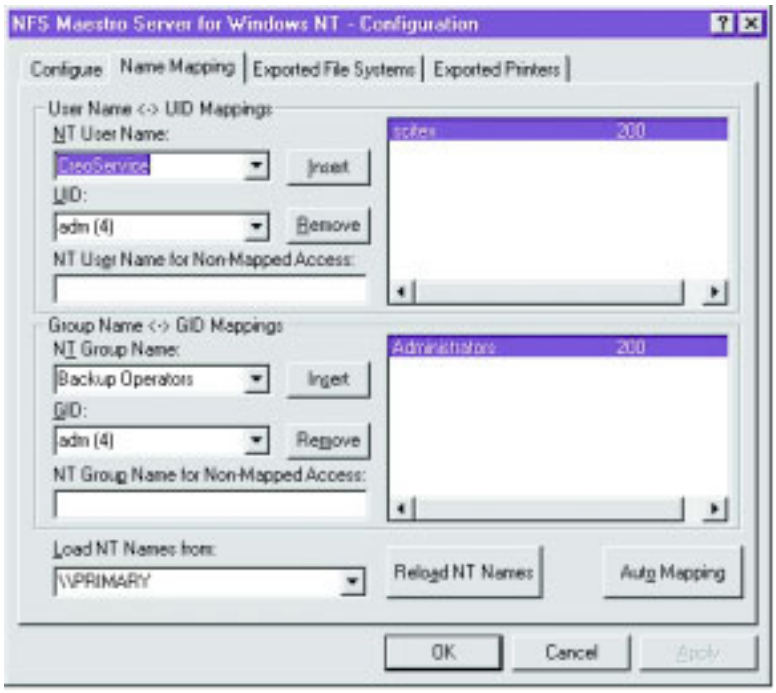


In the “Name Mapping” tab, make sure station hostname is selected in the “Load NT Names from:” area and click “Reload NT Names”.

Map User “scitex and Group “Administrators” to “scitex(200)” UID and GID. **Click “Insert”.**



When done, menu should look like this:



Click “Apply” when done.

In the “Exported File Systems” tab, browse to the “BrisqueIn” folder. Make sure “Restrict to Hosts” is unchecked**. Click “Apply” when done.** You will be asked if you want to give folder Everyone and Full Control access. **Select OK.**

