

Brisque to Trendsetter Connectivity via Screen2Go

INSTALLATION GUIDE

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4.456.924	4.500.919	5.079.721	5.103.407	5.111.308	5.113.249	5.122.871	5.124.547
5.150.225	5.153.769	5.155.782	5.157.516	5.208.888	5.247.174	5.247.352	5.283.140
5.296.935	5.313.278	5.323.248	5.325.217	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	5.459.505
5.473.733	5.481.379	5.488.906	5.497.252	5.508.828	5.509.561	5.519.852	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	5.636.330	5.649.220	5.650.076	5.652.804	5.691.823	5.691.828
5.699.174	5.708.736	5.739.819	5.742.743	5.764.381	5.771.794	5.785.309	5.813.346
5.861.904	5.864.651	5.875.288	5.894.342	5.900.981	5.934.196	5.942.137	5.946.426
5.966.504	5.969.872	5.973.801	5.986.819	6.003.442	6.014.471	6.016.752	6.031.932
6.043.865	6.098.544	6.115.056	6.134.393	6.164.637			

For additional information, see our website at www.creoscitex.com.

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Document Conventions

Bold Text Elements in the User Interface. For example: **boxes, tabs, check boxes, screen/frame names and group box names.**

Italicized Text *Used to emphasize some items. Also used for the cross-reference statements.*



WARNING: This is the warning statement.
The caution statement and danger statements use the same icon.



Attention: This is the attention statement.



Important: This statement is important.



Note: This is the note statement. It is used for additional information



Tip: This statement is used for special tips and work-around procedures.



This is the cross-reference statement.

In This Document

This document describes the setup for the Brisque DFE connectivity to the Print Console workstation.

This document includes the following topics:

- Hardware requirements
- Software requirements
- Logistics
- Hardware installation instructions
- Software installation instructions
- NFS configuration on the Print Console instruction
- Licensing.

Additional Documentation

Brisque Documentation

- **Brisque version 3.0 Documentation Set.** (**Cat. No. 501V50356D**). Contains the entire Brisque documentation set, such as the Brisque User Guide and Brisque Quick Start on a single CD-ROM. 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 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 features to the Brisque DFE, including major enhancements to the Brisque Extreme environment, and additional workflow-related tools and solutions.
- **Brisque to Trendsetter Connectivity via Screen2Go - User Guide** (**Cat. No. 399Z1P904A**)**.** Describes the setup for the Brisque DFE connectivity via Screeen2Go to the Print Console workstation, which enables direct exposure of Brisque files from the Brisque DFE to any Trendsetter, Trendsetter Spectrum, ThermoFlex, and Proofsetter, over the network.

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.

Introduction

Screen2Go is a new application operating 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, LZW TIFF and MAC Packbit. Each color separation is converted to a TIFF file which 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 using 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 connect to Print Console and TIFF Downloader.

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 in three sizes:

- Screen2Go_4up - 4 up
- Screen2Go_8up - 8up
- Screen2Go_VLF - 32 up.

1 Requirements and Logistics

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Hardware Requirements

Brisque DFE Hardware:

- Brisque DFE: 43P or F50 platforms
- Rotation Board (supplied only for 8up and VLF connectivity kits)
- TSP (TurboScreen Processor) board, Revision B or above.

Print Console and Output Device Hardware:

- Print Console workstation with Intel processor.

Supported Output Devices and their connectivity to different platforms:

Output Devices	F50 2/4 CPUs 256MB	43P-150 256MB	43P-140 256MB
Proofsetter Spectrum	1	1	1
Trendsetter 3244S	1	1	1
Trendsetter 3244F	1	1	3
Trendsetter 3244V	1	3	3
Trendsetter 3230S	1	1	1
Trendsetter 3230F	1	1	1
Trendsetter 3230V	1	1	3
TermoFlex 5067	1	1	1
TermoFlex 5280	1	1	1
VLF	1	3	3
VLF V	2	3	3

1 - Supports creation of Screen2Go files in FULL engine speed.

2 - Supports creation of approximately 85% of full engine speed.

3 - Not supported.

Software Requirements

Brisque DFE Software:

- Brisque Impose or Brisque Base version 3.0.38
- Brisque 3.0 Options Revision 2 update
- 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 or above
- TIFF Downloader version 2.0
- Network File System (NFS) client/server software application - Hummingbird version 7.0 for Windows NT/2000 or version 6.2 for Windows NT.

Logistics

Screen2Go application for Brisque version 3.0 CD-ROM (Cat. No. 510V1P848).

Screen2Go documentation for version 3.0 CD-ROM (Cat. No. 510V1P896).

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Hardware Installation

TSP Board

For F50 -



See Brisque Installation Guide F50 platform, Cat. No. 399Z51293B, chap. 2, sec. 2.2.1, pg. 2-7.

For 43P -



See Brisque Installation Guide 43P-140/150, Cat. No. 399Z51279B, chap. 2, sec. 2.2.1, pg. 2-6.

Rotation Board

For F50 -



See Brisque Installation Guide F50 platform, Cat. No. 399Z51293B, chap. 2, sec. 2.5, pg. 2-25.

For 43P -



See Brisque Installation Guide 43P-140/150, Cat. No. 399Z51279B, chap. 2, sec. 2.5, pg. 2-24.

Software Installation

Installing the Screen2Go Application on the Brisque DFE

To enable Brisque-to-Print Console connectivity, the Screen2Go module must be installed on the Brisque DFE.



Important: Before upgrading from previous versions, write down all Media Set parameters (from the Config window) and retype them after the installation is completed.

To install Screen2Go:

1. Verify that the Brisque 3.0 Options Revision 2 update software is installed; 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. Type in your **password** (ripro is the default password).
4. Place the Screen2Go CD into the CD drive.
5. At the console prompt, type **UpdInstall UpdScreen2Go** and then press ENTER; the update procedure is launched.
6. Remove the CD from the drive, when done.
7. At the command prompt, type **reboot** and press ENTER to reboot the Brisque.
8. At the command prompt, 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.

Licensing

The basic Brisque package does not include some applications which are provided for an additional fee. The Licensing mechanism insures proper ownership of specific additions to the Brisque package.

To add a license:

1. From the Launch Pad, select the **Services** panel, then double-click **scismit**; the Password window displays.
2. Type user **root** and password **ripro** (default); the CreoScitex Admin window displays.
3. Click **Licensing**; the Licensing window displays.
4. Click **Update Options**; the Single Select window displays.
5. Select **Brisque-Base**, then click **Cancel** in the Option List.
6. Click **Update Options** - once more; the Single Select window displays.
7. Select the appropriate station type; the option list is displayed.
8. Select one of the **Screen2Go** options (Screen2Go_4Up, Screen2Go_8Up or Screen2Go_VLF); the **Update Option** window displays with the specific Screen2go name in the **Option Name** box.
9. Click the Up or Down arrows on the right, until you change the value in the **Value** box to `YES`, then click **OK**; a confirmation appears.
10. Click **Done**, then close the **Update Options** window; the Licensing window displays.
11. Select **Update Options** - once more.
12. Select the appropriate station type (depending on availability), then select **Password**.
13. Type in your new password and click **OK**.
14. From the Licensing window, click **Activate Password**; a confirmation window displays.
15. In the Active Password window, click **OK**; the message `Password is set successfully` appears if the process ended successfully.
16. From the CreoScitex Admin window menu, select **Exit**, then click **Exit Smit** to exit to the Brisque CDE.

Setting Up the NFS

NFS must be established in order to send 1-bit TIFF files from the Brisque to the Print Console.

Defining the Print Console Workstation TCP/IP address on the Brisque



Important: At this point, the TCP/IP protocol should be up and running, on both the Brisque DFE and the Print Console.

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

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



Note: MountPro uses the value typed into the **comment** box to define under which listing in MountPro to display the workstation.With the NT comment it shows up under the NT server listing in MountPro. Without the comment NT it will show up under the Brisque/AIX listing in MountPro.

9. Click **OK,** then exit **Smit.**
10. Close the **Terminal** window.

Configuring NFS on the Print Console

Pre-Installation



Important: The NFS Hummingbird (version 6.2 for Windows NT, or version 7.0 for Windows NT/2000) should already be installed on the Print Console (use the Hummingbird CD for installation).

To copy the password and group files from the Brisque to the Print Console via FTP:

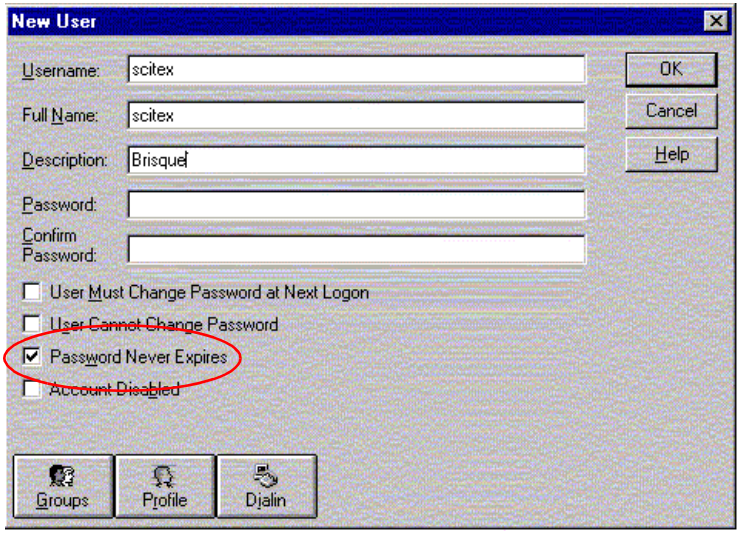
1. Open an MS-DOS shell; the command prompt displays.
2. At the command prompt, type **ftp <brisque IP address>** and press ENTER.
3. Login as user **root**; (default password is ripro); the ftp prompt displays.
4. In the ftp session, type
   lcd <*system disk*>:\winnt\system32\drivers\etc
   and press ENTER.
5. Type **cd /etc** and press ENTER.
6. Type **ASCII** and press ENTER.
7. Type **get passwd** and press ENTER; the password file is transferred to current directory.
8. Type **get group** and press ENTER; the group file is transferred to current directory.
9. Type **quit** to exit the FTP session and return to the MS-DOS shell.

Creating a Scitex User

To create a Scitex User:

1. At the Print Console, click **Start** then select **Programs -> Administrative tools -> Users manager;** the User Manager window displays.

2. From the User Manager window, select **User -> New User**; the New User window displays.

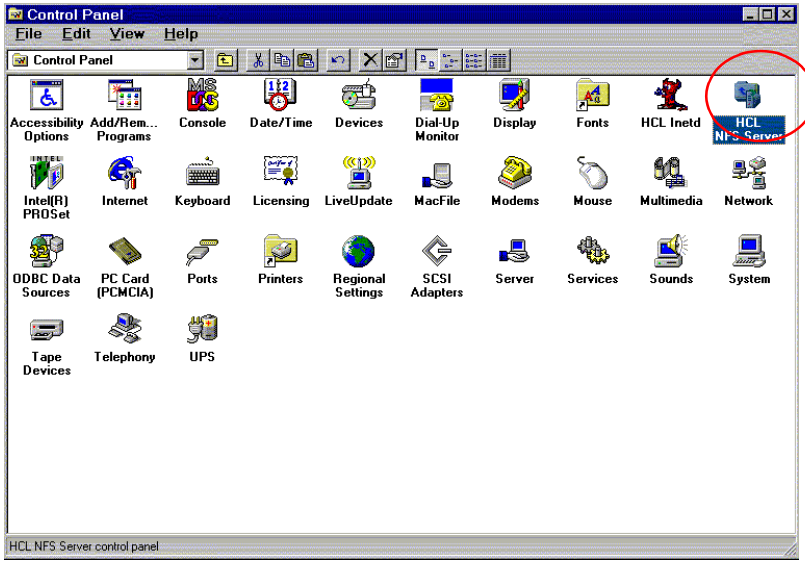


3. Type **scitex** in the **Username** box. Do not type a password, and select the **Password never expires** box.
4. Click **OK**; the new user appears in the User Manager window.
5. From the menu, select **User -> exit**.

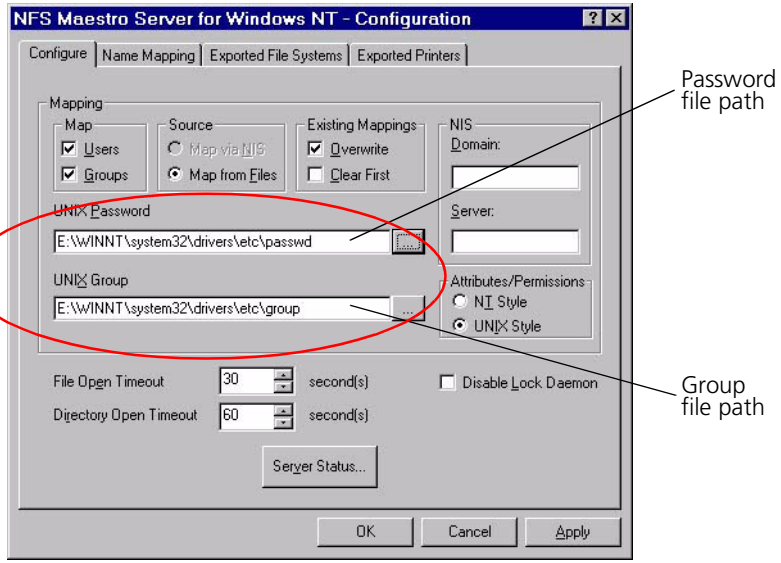
Configuring the HCL NFS Control Panel

To configure the HCL NFS Server:

1. From the Print Console, click **Start** and select **Settings -> Control Panel**; the Control Panel window displays.



2. Click the **HCL NFS server** icon to open the Hummingbird setting; the NFS Maestro configuration window displays.



3. Click the **configure** tab. Browse and locate the **password** and **group** files that were previously copied (via FTP) from the Brisque.

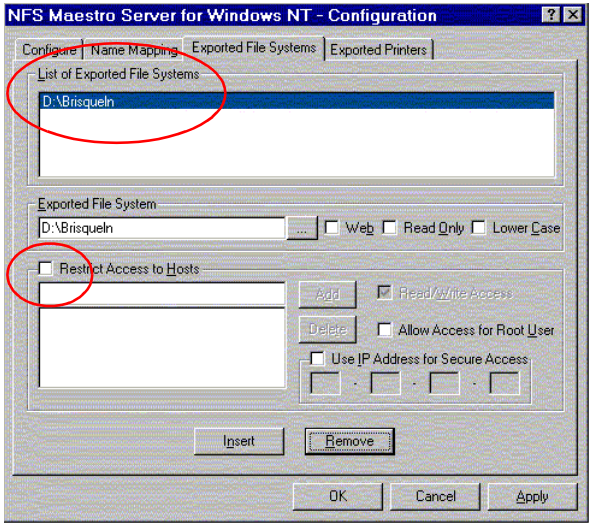
See Pre-Installation on page 9.

4. Click **Apply** when done.

Important: Make sure that the BrisqueIn export folder is already defined.

5. Click the **Exported File Systems** tab. Browse and locate the **BrisqueIn** folder. Make sure Restrict to Hosts box is cleared.

6. Click **Insert**; the exported file folder appears in the Exported File System tab.



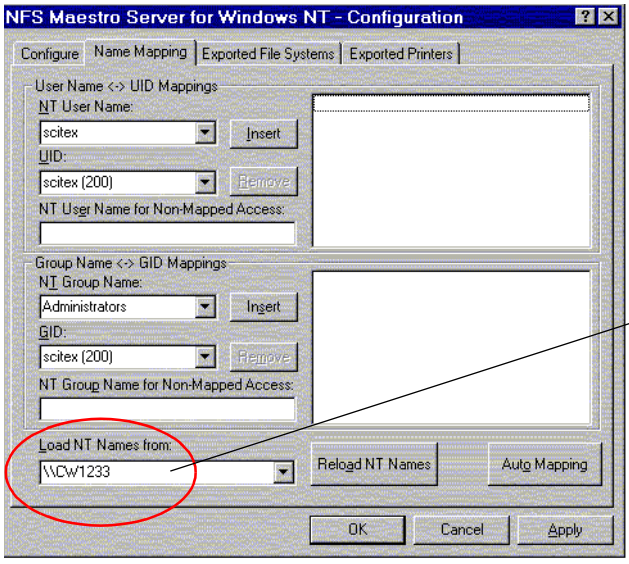
7. Click **Apply** when done; a dialog box is displayed, prompting for folder access control to everyone.

8. Click **YES**.



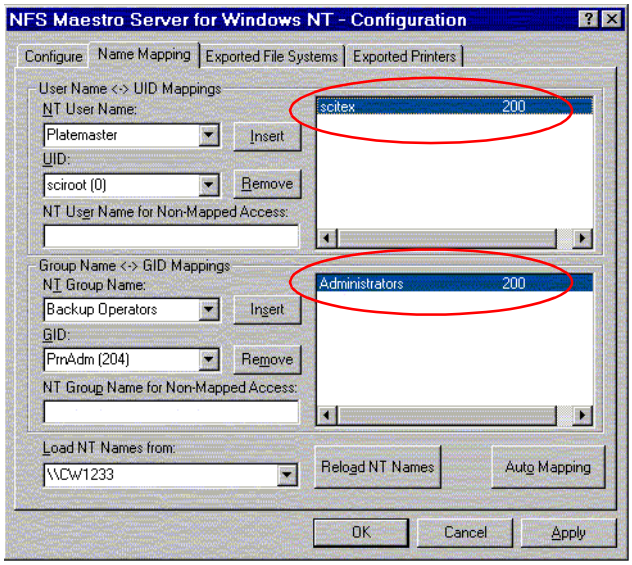
Tip: To ensure access control: select the folder (Brisqueln, and right-click **properties**. In the Properties window, click the **Security** tab then select **Everyone**. Make sure that Allow is selected in all boxes.

9. Click the **Name Mapping** tab.



10. Select a station hostname in the **Load NT Names From list** box and click **Reload NT Names**.

11. Map User and Group IDs.
    Select **scitex** from **NT User Name** drop list and **scitex (200)** from the UID drop list, then click **Insert**.
    Select **Administrators** from the **NT Group Name** list box and **scitex(200)** from the **GID** list box, then click **Insert**; the following window displays.



12. Click **Apply**, or **OK** when done.

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Outputs

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.
- To select a Screen Set with this resolution.

To create the output files in the exact resolution of 2400 dpi (94.48819 dpm):

1. Double click the **Prefs** icon (Utilities panel), and click the **PS RIP** icon; the RIP Preferences window displays.
2. Change the Field Precision parameter to 5, then RIP the files at 2400dpi (94.48819dpm).
3. Before proofing to a Trendsetter Spectrum, make sure that you select All to Process for the Spot Colors option in the RIP.

There is no need to convert a spot color to a process color in the RIP in order to image it on a spot color donor.
The spot color can be mapped to the spot color donor in the Print Console. For example: imaging an orange spot color on an orange donor can be done in Print Console.

Screen2Go cannot be manually launched from the Brisque Launch Pad or from the 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:

1. From the Setup panel, double click the **Config** icon; the Config window displays.
2. 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 the Brisque Impose.

Workaround:

1. In the scismit, select **Licensing**. Update **Options**, then **Brisque-Base**.
2. 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:

▶ Change the Media Set before you change the other parameters.