Installation Guide and Workflows

English

Brisque to Trendsetter MPE (S, F, and V models) Direct Connectivity via SCSI

Brisque version **4.1.76**

653-00014C

www.creo.com

Brisque to Trendsetter MPE (S, F, and V models) Direct Connectivity via SCSI

Brisque version 4.1.76

Installation Guide and Workflows

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4743091	5291273	5459505	5625766	5854883	6014471	6159659
4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
5111308	5331439	5508828	5691823	5894342	6063528	6186068
5113249	5333064	5509561	5691828	5900981	6063546	6189452
5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
5132723	5355446	5526143	5699740	5946426	6096461	6208369
5150225	5359451	5532728	5708736	5947028	6098544	6252522
5153769	5359458	5561691	5713287	5958647	6107011	6260482
5155782	5367360	5568595	5739819	5966504	6112663	
5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
5208888	5384899	5592309	5771794	5986819	6130702	
5247174	5412491	5594556	5785309	5995475	6134393	

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Contents

Using This Manual v

Who Should Use This Manual vi
Conventions Used in This Manual vi
Fonts vi
Symbols vi
Introduction vii
In This Document vii
Additional Documentation viii
Brisque Documentation viii
Print Console Documentation viii
Hardware Documentation viii

1 Installation for Brisque to Trendsetter V Model Connectivity 1

1.1 Requirements, Supported Devices and Logistics 2
1.1.1 Software Requirements 2
1.1.2 Hardware Requirements 2
1.1.3 Print Console and Output Device Hardware 3
1.1.4 Brisque Version 4 Minimum Platform Configurations 3
1.2 Connecting Brisque to a Trendsetter 4
1.2.1 System Data and I/O Transfer 4
1.3 Hardware Installation 4
1.3.1 Installing the Hardware 5
1.3.2 Installing the Hardware on the F50 Platform 5
1.3.3 Installing the Hardware on the 6F1 (Condor) Platform 9
1.4 Software Installations on Workstation 13
1.4.1 Checking if BrisqueAgent is Working in Background 13
1.4.2 Setting Up the BrisqueAgent Utilities 14

2 Installation for Brisque to Trendsetter S and F Model Connectivity 17

2.1 Requirements, Supported Devices and Logistics 18
2.1.1 Software Requirements 18
2.1.2 Hardware Requirements 18
2.1.3 Print Console and Output Device Hardware 18
2.2 Connecting Brisque to a Trendsetter 19
2.2.1 System Data and I/O Transfer 19
2.2.2 Hardware Installation 20
2.2.3 Installing the Hardware on the 43P-150 platform 20
2.2.4 Installing the Hardware on the 44P-170 (Hammerhead) platform 24
2.2.5 Installing the Hardware on the F50 platform 28
2.2.6 Installing the Hardware on the 6F1 (Condor) platform 31
2.3 Software Verification on the Workstation 34

2.3.1 Checking if BrisqueAgent is Working in Background 35

3 Trendsetter Configurations on the Brisque (S, F and V models)37

3.1 General 38
3.2 Configuring the Trendsetter on the Brisque 39
3.2.1 Configuring the Trendsetter as a Platesetter 40
3.3 Configuring the Proofsetter Spectrum as a Halftone Proofer 44
3.3.1 Re-configuring the Trendsetter or Proofsetter 48
3.3.2 Establishing SCSI Connection with the Trendsetter or Proofsetter Spectrum 49
3.3.3 Displaying the Trendsetter Configurations 50
3.3.4 Viewing the Trendsetter Parameters 51
3.4 Troubleshooting the Configuration 53
3.4.1 Problem 1: 54
3.4.2 Problem 2: 57

4 Brisque to Trendsetter Workflows 59

4.1 PlateExp Workflow 60
4.1.1 Defining a PlateExp Template 60
4.1.2 Exposing a Job to the Trendsetter 65
4.2 Spectrum Workflow 68
4.2.1 Defining a Spectrum Template 68
4.2.2 Spot Color Handling 71
4.2.3 A Quick Method to Define a Spectrum Template 73
4.2.4 Proofing a Job to the Proofsetter Spectrum or Trendsetter Spectrum 74

A Appendix 77

A.1 Installing BrisqueAgent on the Windows Workstation 78
A.2 Attaching BrisqueAgent to Print Console 79
A.3 Troubleshooting the Configuration 81
A.3.1 Problem 1: 81
A.3.2 Problem 2: 85
A.4 Checking the Workstation IP Address 87
A.5 Displaying File Extension 88

Using This Manual

Who Should Use This Manual vi
Conventions Used in This Manual vi
Introduction vii
In This Document vii
Additional Documentation viii

Who Should Use This Manual

This manual is intended for anyone who is involved in installing hardware and software to enable Brisque to Trendsetter V model connectivity.

To use this manual, you should:

- Have a working knowledge of prepress operations
- Be familiar with the IBM AIX operating system

Conventions Used in This Manual

This section describes the fonts and symbols used in this manual.

Fonts

Bold Text Used to indicate elements displayed in the user interface. These elements include: **boxes, tabs, screen and frame names, check boxes, and group box names.**

Italicized Text *Used for emphasize and for cross-reference statements.*

SMALL CAPS is used for a key or key combination on your keyboard.Symbols

Symbols



Important: This symbol indicates things that may cause process delays or reduce functionality, reliability, or quality.



Note: A note provides additional information that you may need to consider.



Tip: This symbol indicates information that can help you perform a task more quickly or easily.



The reference symbol tells you that related information on the topic is available in another Creo document.

Introduction

Brisque Version 4.0 introduces a direct connection to Creo Trendsetter, Proofsetter Spectrum or Trendsetter Spectrum via a dedicated cable (SCSI).

The Spectrum application on Brisque version 4.0 takes Brisque Jobs and sends them to be proofed on the Proofsetter Spectrum or Trendsetter Spectrum.

The PlateExp application on Brisque version 4.0 takes Brisque Jobs and sends them to be exposed on the Trendsetter (platesetter).

The Print Console is part of this configuration but only holds media size information and does not send any image data to the device. The image data is sent to the Trendsetter, the Proofsetter Spectrum or the Trendsetter Spectrum directly from the Brisque.

In This Document

This document describes the Brisque direct connectivity to the Trendsetter.

This document includes the following topics:

- Software and hardware requirements
- Hardware installation instructions
- Software loading instructions
- Configuration of Trendsetter or Proofsetter Spectrum for Brisque-to-Trendsetter direct connectivity

Additional Documentation

Brisque Documentation

- **Brisque User Guide, version 4.0 (399Z1R387B, 399Z1R388B, 339Z1R389B, 399Z1R390B)-**
  Describes the operation of Brisque version 4.0.

Print Console Documentation

- **Print Console Online Help -**
  Inherent to the Print Console application.
- **Print Console Installation Guide (73-3305c-a-pr01) -**
  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.
  Shipped only with CD, as a PDF file.

Hardware Documentation

- **F50 Installation Guide (399Z51293B) -**
  Contains installation and operation procedures for the F50 platform.
- **6F1 Installation Guide (399Z1R166A) -**
  Contains installation and operation procedures for the 6F1 platform.

1

Installation for Brisque to Trendsetter V Model Connectivity

Requirements, Supported Devices and Logistics.....2
Connecting Brisque to a Trendsetter.....4
Software Installations on Workstation 13

This chapter describes the requirements and procedures for connecting Brisque to Trendsetter V models.



Note: For instructions on connecting Brisque to Trendsetter S and F models, see *Chapter 2, Installation for Brisque to Trendsetter S and F Model Connectivity* on page 17.

1.1 Requirements, Supported Devices and Logistics

1.1.1 Software Requirements

- Brisque Software version 4.1.x.x
- Brisque Agent (GDAPI Server) 1.00.053 or later
- Print Console Software version 2.1.1.24 or later

1.1.2 Hardware Requirements

- Brisque F50 or 6F1 platform with a minimum of 1 GB RAM and at least four (4) free slots. For more details, see the table describing "Brisque Version 4 Minimum Platform Configurations" on page 3.
- Connectivity kit containing the following:
  - Two (2) TurboScreen Processor (TSP) boards, Revision B or later (503D03465L)
  - Rotation2 Board (510K1N51962A - 128MB)
  - Ultra SCSI Differential Adapter (605B00415).
  - SCSI cable - 20m (199D20027A).
  - BrisqueAgent Application and Documentation CD for trendsetters V models (501V3R334B).

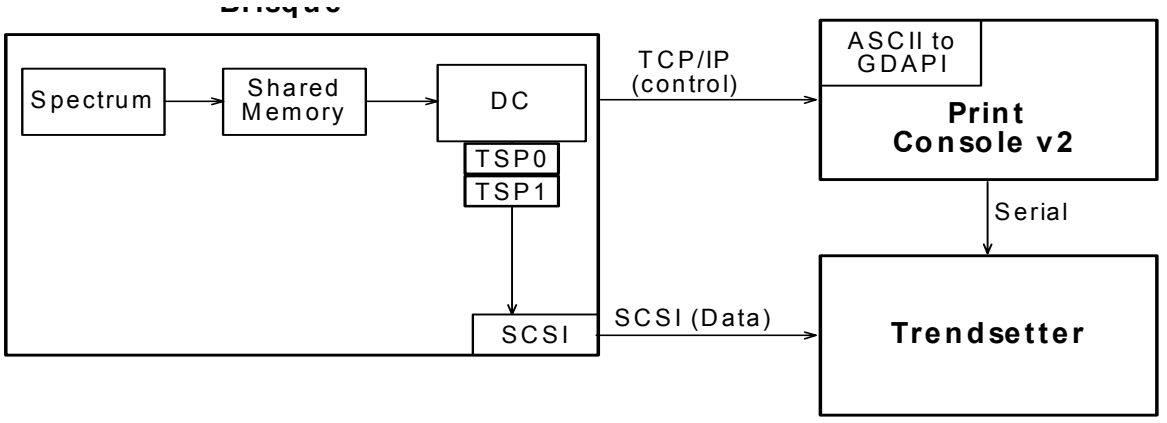
1.1.3 Print Console and Output Device Hardware

- Print Console workstation with Intel processor
- Proofsetter Spectrum
- Trendsetter 800 V
- Trendsetter 400 V
- VLF Trendsetter 4557V, 5067V, 5080V, 5467V and 5880V

1.1.4 Brisque Version 4 Minimum Platform Configurations

Platform Configurations	Minimum Platform Requirements
Trendsetter Family 4 up	
TS 400 V /AL	F50-2 and 6F1-2: 1 GB RAM
Trendsetter Family 8 up	
TS 800 Quantum V /AL	F50-2 and 6F1-2: 1 GB RAM
Trendsetter Family 16+ up	
TS VLF 4557 V	6F1-4: 1 GB RAM
TS VLF 5067 V	6F1-4: 1 GB RAM
TS VLF 5467 V	6F1-4: 1 GB RAM
TS VLF 5080 V	6F1-4: 1 GB RAM
TS VLF 5880 V	6F1-4: 1 GB RAM

1.2 Connecting Brisque to a Trendsetter



1.2.1 System Data and I/O Transfer

Brisque Connection to the Print Console Workstation

The Brisque runs on an AIX server. The Print Console workstation runs on a Windows NT/2000 server.
ASCII I/O managing commands are exchanged between the Brisque and the Print Console via TCP/IP.

Brisque Connection to Trendsetter

The Brisque transfers output files directly to the Trendsetter via the SCSI cable.

1.3 Hardware Installation

The following platforms are currently available for Brisque to Trendsetter direct connectivity:

- F50
- 6F1

Note: See Brisque Version 4 minimum platform configurations, see the table describing “Brisque Version 4 Minimum Platform Configurations” on page 3

1.3.1 Installing the Hardware

For a proper connection between the Brisque and a Trendsetter, you must install the following hardware items on the Brisque:

- A SCSI controller board with cable
- Two (2) TSP boards
- A Rotation board.



Tip: The items are installed in different slots for each platform. Follow the individual instructions for your particular platform.

1.3.2 Installing the Hardware on the F50 Platform

1. If the Trendsetter is connected to the Print Console:
   a. Shut down the Trendsetter.
   b. Shut down Print Console workstation.
   c. Remove SCSI connector from SCSI Board on the Print Console.
2. Shut down the Brisque using the appropriate Shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 5, 6, 7 and 8.
6. Insert the Ultra SCSI Differential Adapter (605B00415) in slot 7.
7. Insert one TSP Board (503D03465L) in slot 5 and the other TSP Board (503D03465L) in slot 6.
8. Insert Rotation2 Board (510K51962A - 128MB) in slot 8.



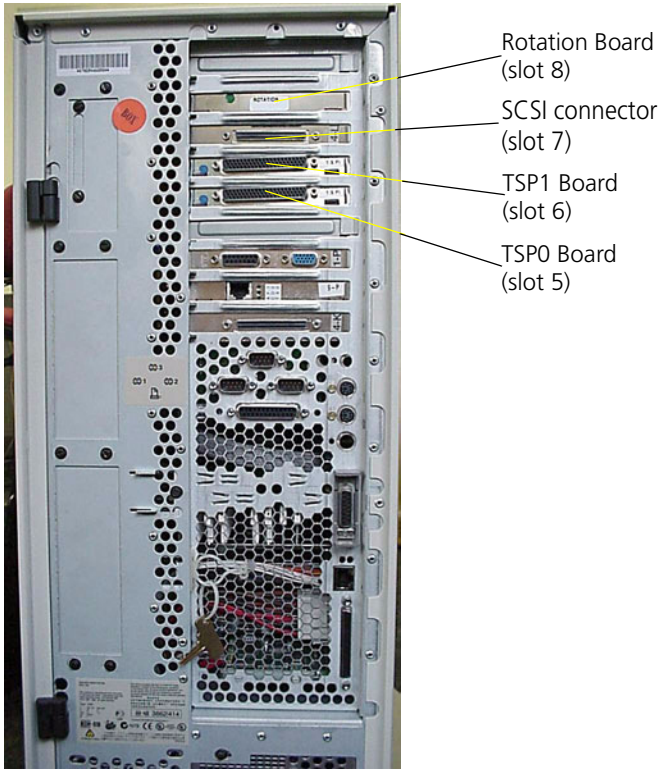
Note: TSP and Rotation kits come with brackets. Mount brackets on boards before inserting boards in slots.

9. Replace computer cover.
10. Connect SCSI cable between Trendsetter SCSI connector and SCSI Board in slot 7, on the Brisque.



Important: The distance between the Brisque and the Trendsetter can be no more than 20 meters.

11. Power ON the Trendsetter.
12. Power ON the Print Console workstation.
13. On the Print Console workstation, run the Print Console application.
14. Power ON the Brisque.



15. Log in as `root` with your password.
16. Perform Board Identification.
    a. At the Command prompt, type `lsdev -Cspci` and press ENTER. A list of currently installed boards is displayed.
    b. Verify that the correct SCSI board appears in the list. The following line must appear:
    `SCSI2 Available 10-70 Wide / Fast-20 I/O Controller`



Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-70 Wide / Fast-20 I/O Controller`
If the line does not appear in the list as described above, remove and re-insert the board (after shutting down the system) and repeat procedure. If problem persist, replace board.

17. At the Command prompt, type `smit` and press ENTER. The System Management window appears.
18. From the System Management window, select **Devices** -> **SCSI Adapter** -> **Change/Show Characteristics of a SCSI Adapter**. The list of available SCSI controllers is displayed.
19. From the list of SCSI controllers, select **SCSI2 Available 10-70 Wide/ Fast-20 SCSI I/O Controller** and press ENTER.



Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-B0 Wide / Fast-20 I/O Controller`

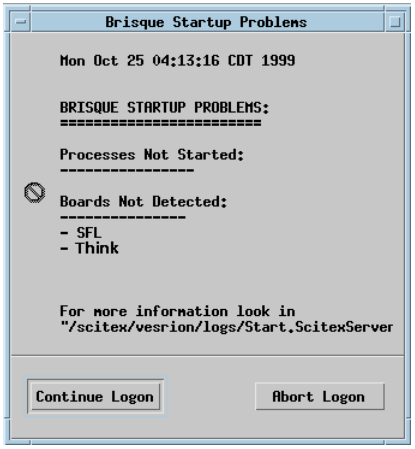
20. From the list, Select **Ultra Speed on SE Bus with External Cable.**
21. Change status to **Enabled**, using the TAB key and press ENTER. If procedure was successful, `OK` appears in **command** box
22. Press F10 to exit **smit.**



Note: If `Failed` appears in the **Command** box, press F3, select **Apply Changes to DATABASE only**, change status to `YES` using the TAB key and press ENTER. OK is displayed in the Command box.
F10 to exit smit.
Reboot the system. Changes will take affect after a successful reboot.

23. At the command prompt, type `exit` to log out.

24. From the Login prompt, type `cdesci` and press ENTER twice. The Brisque Startup Problems window appears.



25. Ensure that the TSP0 and Rotation boards do not appear on the Board Not Detected list.

Important: If one of the boards appears on the list, contact your local service center.

To verify the successful installation of both TSP boards:

1. From the Launch Pad, open the **Services** panel and double-click the **Terminal** icon. The Password window appears.
2. On the Password window, type `root` in the **User** box and the local password in the **Password** box, then press ENTER.
3. At the Command prompt that appears, type `lsdev -Cspci` and press ENTER. A list of devices appear.
4. Verify that the nsp0 and nsp1 boards are marked **Available**.

Important: If the boards are not marked **Available**, verify the Brisque application is up and running – see step 24, "If the Trendsetter is connected to the Print Console:" on page 5.
If you are logged in and the boards are not marked **Available**, contact your local service center.

1.3.3 Installing the Hardware on the 6F1 (Condor) Platform

1. If the Trendsetter is connected to the Print Console:
   a. Shut down the Trendsetter.
   b. Shut down Print Console workstation.
   c. Remove SCSI connector from SCSI Board on the Print Console.
2. Shut down the Brisque using the appropriate Shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 7, 9, 11 and 12.
6. Insert the Ultra SCSI Differential Adapter (605B00415) in slot 9.
7. Insert one TSP Board (503D03465L) in slot 7 and the other TSP Board (503D03465L) in slot 11.
8. Insert Rotation2 Board (510K51962A - 128MB) in slot 12.



Note: TSP and Rotation kits come with brackets. Mount brackets on boards before inserting boards in slots.

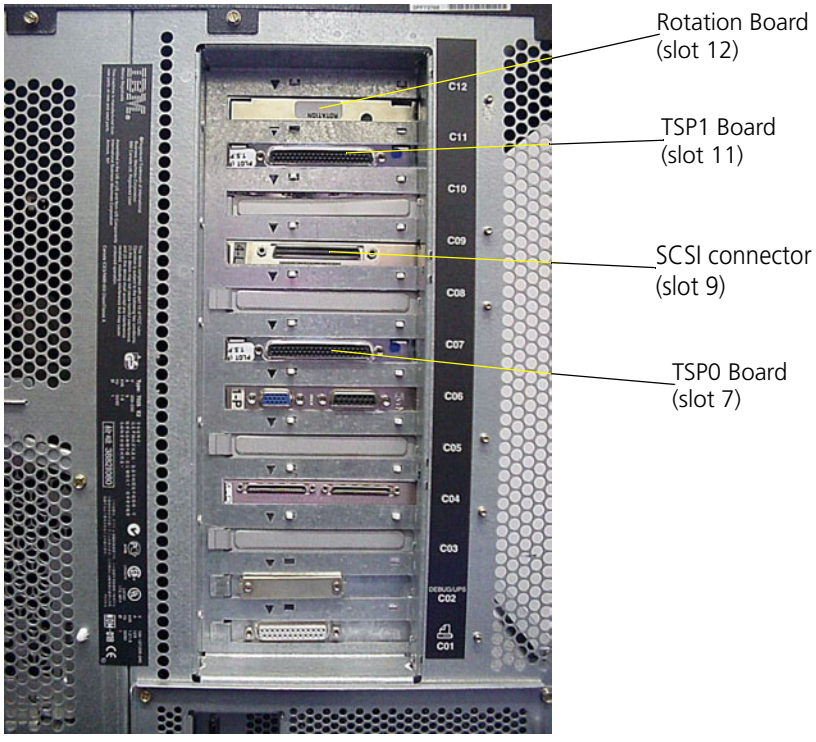
9. Replace computer cover.
10. Connect SCSI cable between Trendsetter SCSI connector and SCSI Board in slot 9, on the Brisque.



Important: The distance between the Brisque and the Trendsetter can be no more than 20 meters.

11. Power ON the Trendsetter.
12. Power ON the Print Console workstation.
13. On the Print Console workstation, run the Print Console application.

14. Power ON the Brisque.



15. Log in as `root` with your password.

16. Perform Board Identification.

    a. At the Command prompt, type `lsdev -Cspci` and press ENTER. A list of currently installed boards is displayed.

    b. Verify that the correct SCSI board appears in the list. The following line must appear:
    `SCSI4 Available 34-08 Wide / Fast-20 I/O Controller`

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI5 Available 34-08 Wide / Fast-20 I/O Controller`

Note: If line does not appear in the list as described above, remove and re-insert the board (after shutting down the system) and repeat procedure. If problem persist, replace board.

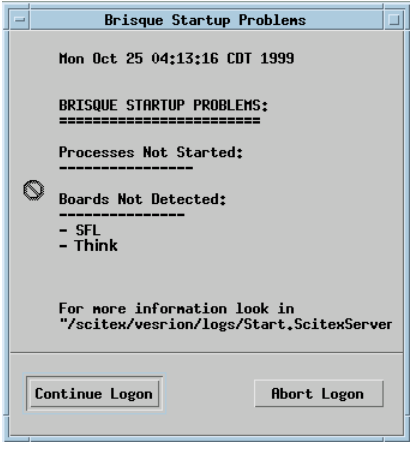
17. At the Command prompt, type `smit` and press ENTER. The System Management window appears.
18. From the System Management window, select **Devices** -> **SCSI Adapter** -> **Change/Show Characteristics of a SCSI Adapter**. The list of available SCSI controllers is displayed.
19. From the list of SCSI controllers, select **SCSI4 Available 34-08 Wide/ Fast-20 SCSI I/O Controller** and press ENTER.

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI5 Available 10-B0 Wide / Fast-20 I/O Controller`

20. From the list, Select **Ultra Speed on SE Bus with External Cable**.
21. Change status to **Enabled**, using the TAB key and press ENTER. If the procedure is successful, `OK` appears in **command** box.
22. Press F10 to exit **smit.**

Note: If `Failed` appears in the **Command** box, press F3, select **Apply Changes to DATABASE only**, change status to `YES` using the TAB key and press ENTER. OK is displayed in the Command box.
F10 to exit smit.
Reboot the system. Changes will take affect after a successful reboot.

23. At the command prompt, type **exit** to log out.
24. From the Login prompt, type `cdesci` and press ENTER twice. The Brisque Startup Problems window appears.



25. Ensure that the TSP0 and Rotation boards do not appear on the Board Not Detected list.



Important: If one of the boards appears on the list, contact your local service center.

To verify the successful installation of both TSP boards:

1. From the Launch Pad, open the **Services** panel and double-click the **Terminal** icon. The Password window appears.
2. On the Password window, type `root` in the **User** box and the local password in the **Password** box, then press ENTER.
3. At the Command prompt that appears, type `lsdev -Cspci` and press ENTER. A list of devices appear.
4. Verify that the nsp0 and nsp1 boards are marked **Available**.



Important: If the boards are not marked **Available**, verify the Brisque application is up and running – see step 24, "If the Trendsetter is connected to the Print Console:" on page 5.
If you are logged in and the boards are not marked **Available**, contact your local service center.

1.4 Software Installations on Workstation

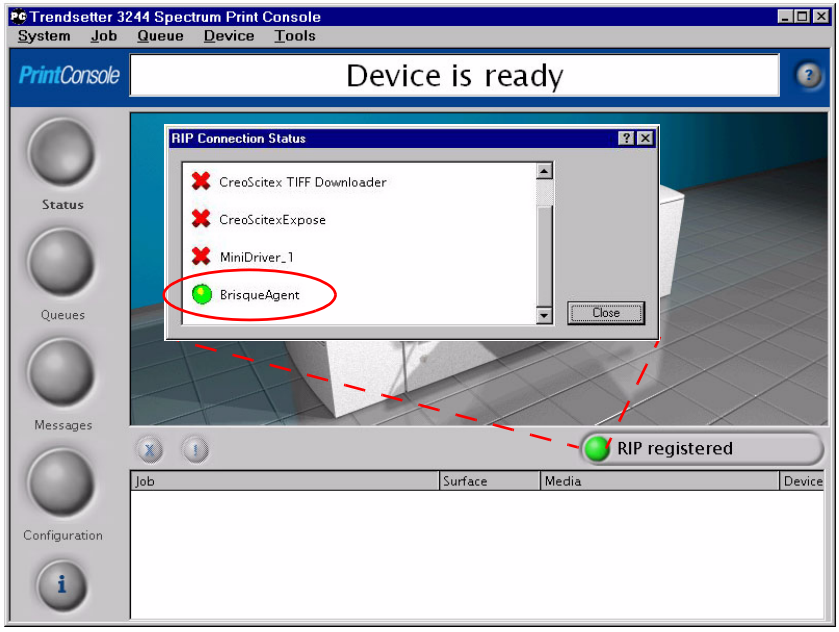
We assume you have the following software installed on your workstation:

- Windows NT4 Service Pack 5 or Windows 2000
- Print Console version 2.1.1.24 or later

1.4.1 Checking if BrisqueAgent is Working in Background

To check if the BrisqueAgent is enabled on the Print Console:

➢ On the Print Console, click **Rip Registered**. The RIP Connection Status window is displayed with the Brisque Agent listed, and a **green** light to its left.



1.4.2 Setting Up the BrisqueAgent Utilities

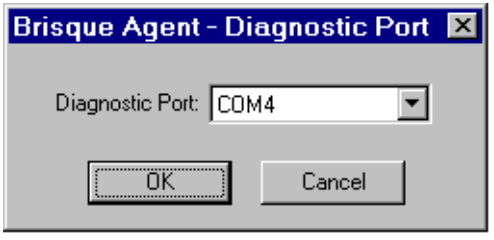
The utilities enables you to:

- Define/verify an appropriate COM port connected to the Trendsetter Diagnostic Port.
- Manually initiate the SCSI Interface on the Trendsetter, when required
- Monitor the activities of the BrisqueAgent, when required.



To set or verify Trendsetter Diagnostic port:

1. Right-click the **BrisqueAgent** icon on the Task bar, and from the popup menu select **Set Diagnostic Port.** The Brisque Agent - Diagnostic Port dialog box appears.



2. From the **Diagnostic Port** box, select an appropriate COM port and click **OK** (COM 4 is the default).

Note: If you do not know the COM port number, use the HyperTerminal utility (**Start Menu -> Programs -> Accessories -> HyperTerminal**) to verify which COM port is connected to the diagnostic port of the Trendsetter, then exit the HyperTerminal utility to avoid conflict with BrisqueAgent.

To initiate SCSI port:

1. Right-click the BrisqueAgent icon on the Task bar, and from the popup menu select Init SCSI Port.

   Possible replies:

   a. `SCSI port successfully Initialized` - when COM port is correctly set.

   b. `Unable to open com port` - when the wrong port is set, or the port is in use by another application (such as HyperTerminal)

To enable the BrisqueAgent log:

➢ From the Task bar, right-click the **BrisqueAgent** icon, and from the popup menu select **Enable Log**. A check mark appears next to the selection and the log is enabled.

Note: The log file **\BrisqueAgent\Version\Logs\GDAPI_Logfile_log** is provided for BrisqueAgent operations monitoring for R&D purposes, and should not be used continuously because it takes up unnecessary resources.

To disable the BrisqueAgent log:

➢ From the Task bar, right-click the **BrisqueAgent** icon, and from the popup menu select **Enable Log**. The check mark is removed from the Enable Log option.

2

Installation for Brisque to Trendsetter S and F Model Connectivity

Requirements, Supported Devices and Logistics.....18
Connecting Brisque to a Trendsetter.....19
Software Verification on the Workstation.....34

This chapter describes the requirements and procedures for connecting Brisque to Trendsetter S and F models.



Note: For instructions on connecting Brisque to Trendsetter V models, see *Installation for Brisque to Trendsetter V Model Connectivity* on page 1.

2.1 Requirements, Supported Devices and Logistics

2.1.1 Software Requirements

- Brisque Software version 4.1.76or later
- Brisque Agent (GDAPI Server) 1.00.53 or later
- Print Console Software version 2.1.1.24 or later.

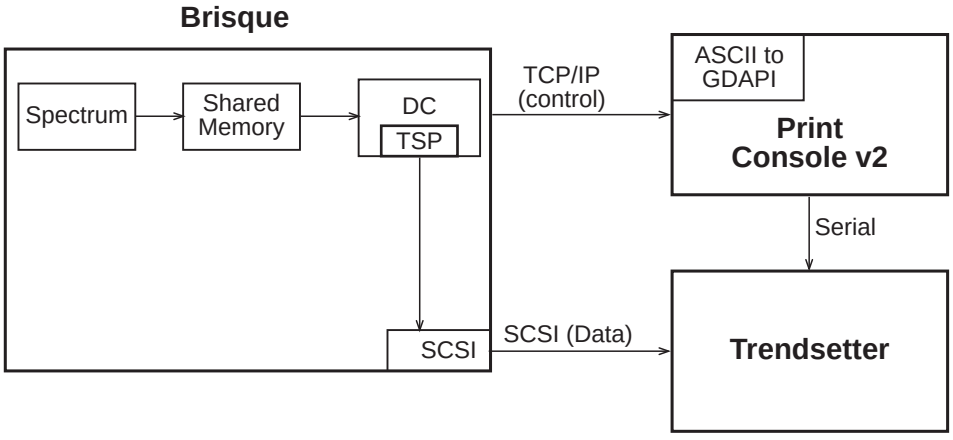
2.1.2 Hardware Requirements

- Brisque with at least three (3) free slots (43P-150, 44P-170, F50 or 6F1 platform).
- Connectivity kit (510K1R145) containing the following:
  - TurboScreen Processor (TSP) board, Revision B or later (503D03465)
  - Rotation2 Board (510K1N51962A - 128MB)
  - Ultra SCSI Differential Adapter (605B00410).
  - SCSI cable - 20m (199D20027A).
  - BrisqueAgent Application and Documentation CD (501V3R334B).

2.1.3 Print Console and Output Device Hardware

- Print Console workstation with Intel processor
- Proofsetter Spectrum
- Trendsetter 800 S and F
- Trendsetter 400 S and F
- VLF Trendsetter 4557, 5067, 5080, 5467 and 5880

2.2 Connecting Brisque to a Trendsetter



2.2.1 System Data and I/O Transfer

Brisque Connection to the Print Console Workstation

The Brisque runs on an AIX server. The Print Console workstation runs on a Windows NT/2000 server.
ASCII I/O managing commands are exchanged between the Brisque and the Print Console via TCP/IP.

Brisque Connection to Trendsetter

The Brisque transfers output files directly to the Trendsetter via the SCSI cable.

2.2.2 Hardware Installation

The following platforms are currently available for Brisque to Trendsetter direct connectivity:

- 43P-150
- 44P-170
- F50
- 6F1



Note: Platforms E30 and 43P-140 are not supported.

Installing the Hardware

For a proper connection between the Brisque and a Trendsetter, you must install the following hardware items on the Brisque:

- A SCSI controller board with cable
- A TSP board
- A Rotation board.



Tip: The items are installed in different slots for each platform. Follow the individual instructions for your particular platform.

2.2.3 Installing the Hardware on the 43P-150 platform

1. If the Trendsetter is connected to the Print Console:
   a. Shut down the Trendsetter.
   b. Shut down Print Console workstation.
   c. Remove SCSI cable from SCSI Board on the Print Console.
2. Shut down the Brisque using the appropriate Shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 2, 3 and 4.
6. Insert the Ultra SCSI Differential Adapter (605B00410) in slot 2.

7. Insert TSP Board (503D03465) in slot 3.



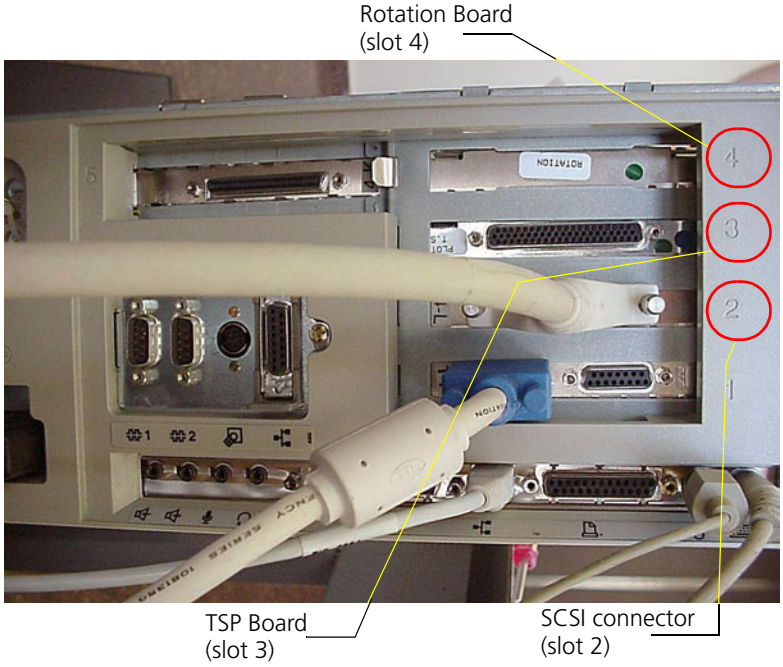
Note: TSP and Rotation kits come with brackets. Mount brackets on boards before inserting boards in slots.

8. Insert Rotation2 Board (510K51962A - 128MB) in slot 4.
9. Replace computer cover.
10. Connect SCSI cable between Trendsetter SCSI connector and SCSI Board in slot 2, on the Brisque.



Important: The distance between the Brisque and the Trendsetter can be no more than 20 meters.

11. Power ON the Trendsetter.



12. Power ON the Print Console workstation.
13. On the Print Console workstation, run the Print Console application.
14. Power ON the Brisque.
15. Login as `root` with your password.
16. Perform Board Identification.
    a. At the Command prompt, type `lsdev -Cspci` and press ENTER. A list of currently installed boards is displayed.
    b. Verify that the correct SCSI board appears in the list. The following line must appear:
    `SCSI2 Available 10-B0 Wide / Fast-20 I/O Controller`

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-B0 Wide / Fast-20 I/O Controller`

Note: If line does not appear in the list as described above, remove and re-insert the board (after shutting down the system) and repeat procedure. If problem persist, replace board.

17. At the Command prompt, type `smit` and press ENTER. The System Management window appears.
18. From the System Management window, select **Devices** -> **SCSI Adapter** -> **Change/Show Characteristics of a SCSI Adapter**. The list of available SCSI controllers is displayed.
19. From the list of SCSI controllers, select **SCSI2 Available 10-B0 Wide/ Fast-20 SCSI I/O Controller** and press ENTER.

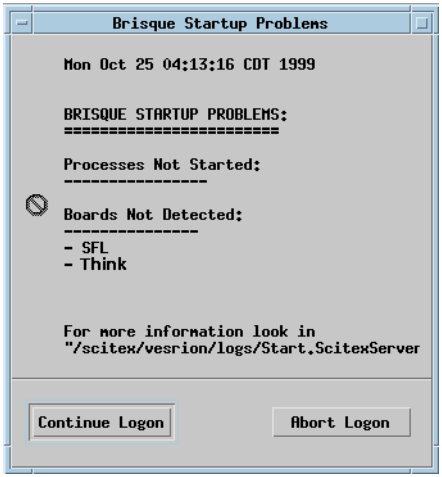
Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-B0 Wide / Fast-20 I/O Controller`

20. From the list, Select **Ultra Speed on SE Bus with External Cable**.
21. Change status to **Enabled**, using the TAB key and press ENTER. If procedure was successful, `OK` appears in **command** box
22. Press F10 to exit **smit.**

Note: If `Failed` appears in the **Command** box, press F3, select **Apply Changes to DATABASE only**, change status to `YES` using the TAB key and press ENTER. OK is displayed in the Command box.
F10 to exit smit.
Reboot the system. Changes will take affect after a successful reboot.

23. At the command prompt, type **exit** to log out.

24. From the Login prompt, type `cdesci` and press ENTER twice. The Brisque Startup Problems window appears.



25. Make sure the TSP and Rotation boards do not appear on the Board Not Detected list.



Important: If one of the boards appears on the list, contact your local service center.

2.2.4 Installing the Hardware on the 44P-170 (Hammerhead) platform

1. If the Trendsetter is connected to the Print Console:
   a. Shut down the Trendsetter.
   b. Shut down Print Console workstation.
   c. Remove SCSI connector from SCSI Board on the Print Console.
2. Shut down the Brisque using the appropriate Shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 3, 4 and 5.
6. Insert the Ultra SCSI Differential Adapter (605B00410) in slot 5.

7. Insert TSP Board (503D03465) in slot 4.



Note: TSP and Rotation kits come with brackets. Mount brackets on boards before inserting boards in slots.

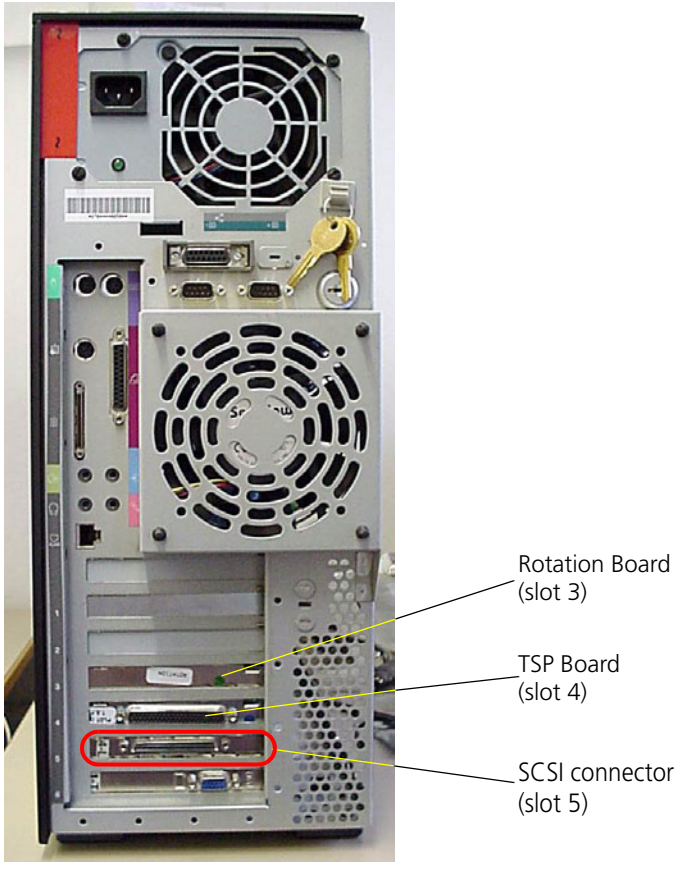
8. Insert Rotation2 Board (510K51962A - 128MB) in slot 3.
9. Replace computer cover.
10. Connect SCSI cable between Trendsetter SCSI connector and SCSI Board in slot 5, on the Brisque.



Important: The distance between the Brisque and the Trendsetter can be no more than 20 meters.

11. Power ON the Trendsetter.
12. Power ON the Print Console workstation.
13. On the Print Console workstation, run the Print Console application.

14. Power ON the Brisque.



15. Login as `root` with your password.

16. Perform Board Identification.

    a. At the Command prompt, type `lsdev -Cspci` and press ENTER. A list of currently installed boards is displayed.

    b. Verify that the correct SCSI board appears in the list. The following line must appear:
    `SCSI2 Available 10-78 Wide / Fast-20 I/O Controller`

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-78 Wide / Fast-20 I/O Controller`

Note: If line does not appear in the list as described above, remove and re-insert the board (after shutting down the system) and repeat procedure. If problem persist, replace board.

17. At the Command prompt, type `smit` and press ENTER. The System Management window appears.
18. From the System Management window, select **Devices** -> **SCSI Adapter** -> **Change/Show Characteristics of a SCSI Adapter.** the list of available SCSI controllers is displayed.
19. From the list of SCSI controllers, select **SCSI2 Available 10-78 Wide/ Fast-20 SCSI I/O Controller** and press ENTER.

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-B0 Wide / Fast-20 I/O Controller`

20. From the list, Select **Ultra Speed on SE Bus with External Cable.**
21. Change status to **Enabled**, using the TAB key and press ENTER. if procedure was successful, `OK` appears in **command** box
22. Press F10 to exit **smit.**

Note: If `Failed` appears in the **Command** box, press F3, select **Apply Changes to DATABASE only**, change status to `YES` using the TAB key and press ENTER. OK is displayed in the Command box.
F10 to exit smit.
Reboot the system. Changes will take affect after a successful reboot.

23. At the command prompt, type **exit** to log out.
24. From the Login prompt, type `cdesci` and press ENTER twice. The Brisque Startup Problems window appears.
25. Ensure that the TSP and Rotation boards do not appear on the Board Not Detected list.
(See *page 24*).

Important: If one of the boards appears on the list, contact your local service center.

2.2.5 Installing the Hardware on the F50 platform

1. If the Trendsetter is connected to the Print Console:
   a. Shut down the Trendsetter.
   b. Shut down Print Console workstation.
   c. Remove SCSI connector from SCSI Board on the Print Console.
2. Shut down the Brisque using the appropriate Shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 4, 5 and 7.
6. Insert the Ultra SCSI Differential Adapter (605B00410) in slot 4.
7. Insert TSP Board (503D03465) in slot 5.
8. Insert Rotation2 Board (510K51962A - 128MB) in slot 7.



Note: TSP and Rotation kits come with brackets. Mount brackets on boards before inserting boards in slots.

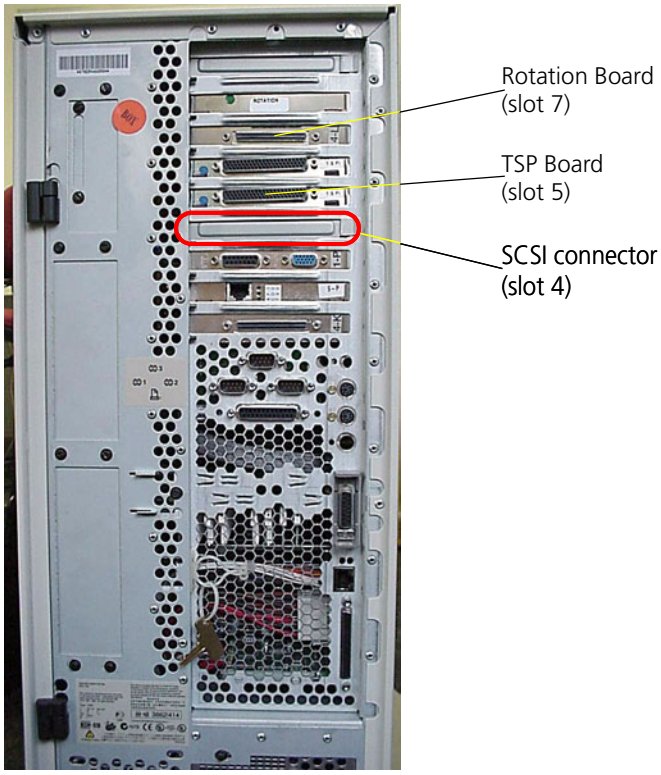
9. Replace computer cover.
10. Connect SCSI cable between Trendsetter SCSI connector and SCSI Board in slot 4, on the Brisque.



Important: The distance between the Brisque and the Trendsetter can be no more than 20 meters.

11. Power ON the Trendsetter.
12. Power ON the Print Console workstation.
13. On the Print Console workstation, run the Print Console application.

14. Power ON the Brisque.



15. Login as `root` with your password.

16. Perform Board Identification.

    a. At the Command prompt, type `lsdev -Cspci` and press ENTER. A list of currently installed boards is displayed.

    b. Verify that the correct SCSI board appears in the list. The following line must appear:
    `SCSI2 Available 10-70 Wide / Fast-20 I/O Controller`

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-70 Wide / Fast-20 I/O Controller`

Note: If line does not appear in the list as described above, remove and re-insert the board (after shutting down the system) and repeat procedure. If problem persist, replace board.

17. At the Command prompt, type `smit` and press ENTER. The System Management window appears.
18. From the System Management window, select **Devices** -> **SCSI Adapter** -> **Change/Show Characteristics of a SCSI Adapter**. The list of available SCSI controllers is displayed.
19. From the list of SCSI controllers, select **SCSI2 Available 10-70 Wide/ Fast-20 SCSI I/O Controller** and press ENTER.

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-B0 Wide / Fast-20 I/O Controller`

20. From the list, Select **Ultra Speed on SE Bus with External Cable.**
21. Change status to **Enabled**, using the TAB key and press ENTER. If procedure was successful, `OK` appears in **command** box
22. Press F10 to exit **smit.**

Note: If `Failed` appears in the **Command** box, press F3, select **Apply Changes to DATABASE only**, change status to `YES` using the TAB key and press ENTER. OK is displayed in the Command box.
F10 to exit smit.
Reboot the system. Changes will take affect after a successful reboot.

23. At the command prompt, type **exit** to log out.
24. From the Login prompt, type `cdesci` and press ENTER twice. The Brisque Startup Problems window appears.
25. Ensure that the TSP and Rotation boards do not appear on the Board Not Detected list.
    (See the Brisque Startup Problems window on *page 24*).

Important: If one of the boards appears on the list, contact your local service center.

2.2.6 Installing the Hardware on the 6F1 (Condor) platform

1. If the Trendsetter is connected to the Print Console:
   a. Shut down the Trendsetter.
   b. Shut down Print Console workstation.
   c. Remove SCSI connector from SCSI Board on the Print Console.
2. Shut down the Brisque using the appropriate Shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 7, 11 and 12.
6. Insert the Ultra SCSI Differential Adapter (605B00410) in slot 11.
7. Insert TSP Board (503D03465) in slot 7.
8. Insert Rotation2 Board (510K51962A - 128MB) in slot 12.



Note: TSP and Rotation kits come with brackets. Mount brackets on boards before inserting boards in slots.

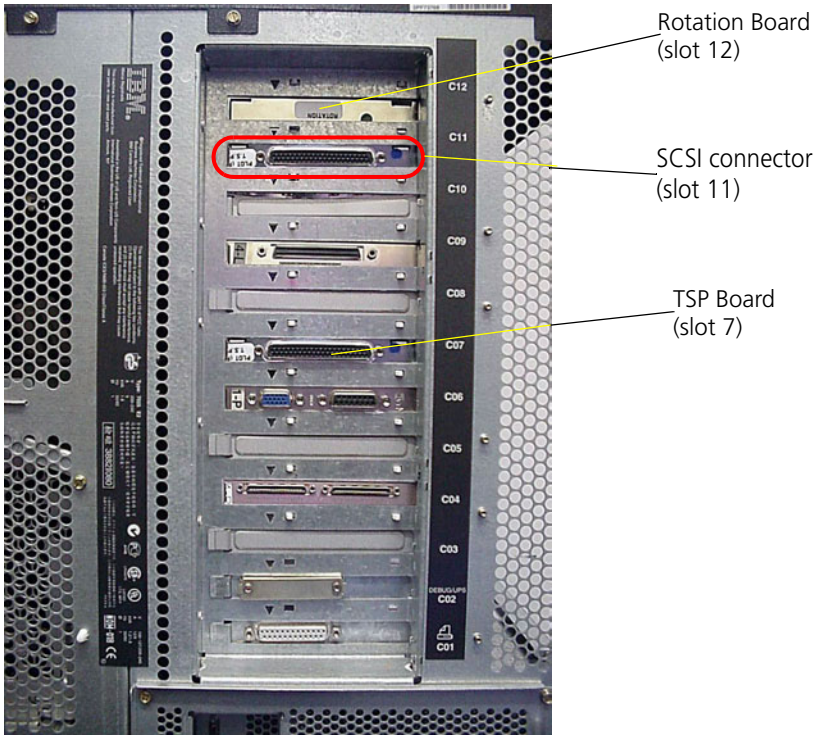
9. Replace computer cover.
10. Connect SCSI cable between Trendsetter SCSI connector and SCSI Board in slot 11, on the Brisque.



Important: The distance between the Brisque and the Trendsetter can be no more than 20 meters.

11. Power ON the Trendsetter.
12. Power ON the Print Console workstation.
13. On the Print Console workstation, run the Print Console application.

14. Power ON the Brisque.



15. Login as `root` with your password.

16. Perform Board Identification.

    a. At the Command prompt, type `lsdev -Cspci` and press ENTER. A list of currently installed boards is displayed.

    b. Verify that the correct SCSI board appears in the list. The following line must appear:
    `SCSI4 Available 34-08 Wide / Fast-20 I/O Controller`

Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI5 Available 34-08 Wide / Fast-20 I/O Controller`

Note: If line does not appear in the list as described above, remove and re-insert the board (after shutting down the system) and repeat procedure. If problem persist, replace board.

17. At the Command prompt, type `smit` and press ENTER. the System Management window appears.
18. From the System Management window, select **Devices** -> **SCSI Adapter** -> **Change/Show Characteristics of a SCSI Adapter**. The list of available SCSI controllers is displayed.
19. From the list of SCSI controllers, select **SCSI2 Available 34-08 Wide/ Fast-20 SCSI I/O Controller** and press ENTER.



Note: If more than the standard number of SCSI cards are installed on the workstation, the SCSI number may increase. However, the slot is always recognized by the slot number.
For example:
`SCSI3 Available 10-B0 Wide / Fast-20 I/O Controller`

20. From the list, select **Ultra Speed on SE Bus with External Cable**.
21. Change status to **Enabled**, using the TAB key and press ENTER. If procedure was successful, `OK` appears in **command** box
22. Press F10 to exit **smit.**



Note: If `Failed` appears in the **Command** box, press F3, select **Apply Changes to DATABASE only**, change status to `YES` using the TAB key and press ENTER. OK is displayed in the Command box.
F10 to exit smit.
Reboot the system. changes will take affect after a successful reboot.

23. At the command prompt, type **exit** to log out.
24. From the Login prompt, type `cdesci` and press ENTER twice. The Brisque Startup Problems window appears.
25. Ensure that the TSP and Rotation boards do not appear on the Board Not Detected list.
(See *page 24*).



Important: If one of the boards appears on the list, contact your local service center.

2.3 Software Verification on the Workstation

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

- Windows 2000
- Print Console version 3.4.06 or later
- BrisqueAgent 1.00.053

To verify the workstation's software:

1. Startup the Print Console workstation.
2. Run the Print Console application. The BrisqueAgent application runs in the background, as indicated by the icon displayed in the task bar.



BrisqueAgent taskbar icon

To check the BrisqueAgent version:

1. In the Windows task bar, right-click the **Creo** icon and select **About BrisqueAgent**.
2. Make sure that BrisqueAgent 1.00.053 is displayed.
   If this version is not displayed,



Note: If the BrisqueAgent icon is not displayed in the Windows taskbar, or if the BrisqueAgent version is earlier than 1.00.053, refer to section A-1, *Installing BrisqueAgent on the Window Workstation*, in the appendix.

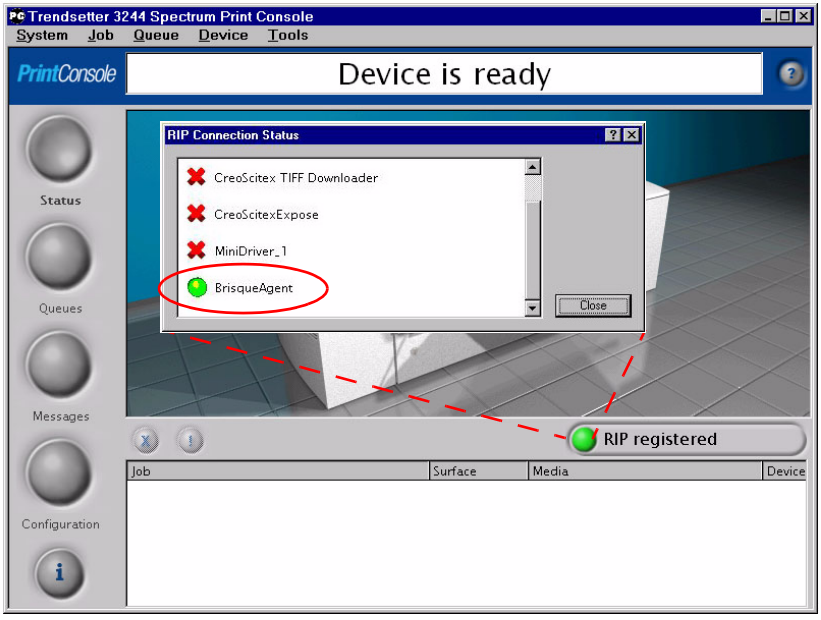
To check the Print Console version:

1. From the Menu bar of the Print Console application, select **System/ About Print Console.**
2. Make sure that Print Console 2.1.24 or later is displayed.

2.3.1 Checking if BrisqueAgent is Working in Background

To check if the BrisqueAgent is enabled on the Print Console:

➢ On the Print Console, click **Rip Registered**. The RIP Connection Status window is displayed with the BrisqueAgent listed, and a **green** light to its left.



3

Trendsetter Configurations on the Brisque (S, F and V models)

General....38
Configuring the Trendsetter on the Brisque....39
Configuring the Proofsetter Spectrum as a Halftone Proofer....44
Troubleshooting the Configuration....53

3.1 General

The Trendsetter is a dual purpose device. It may function as a platesetter, a halftone proofer, or both, depending on the setup you purchased.
The platesetter is called Trendsetter, the halftone proofer is called Proofsetter Spectrum. If both functions are available the device is called Trendsetter Spectrum.
Each function of the device must be configured separately on the Brisque even though both share the same TCP/IP address.

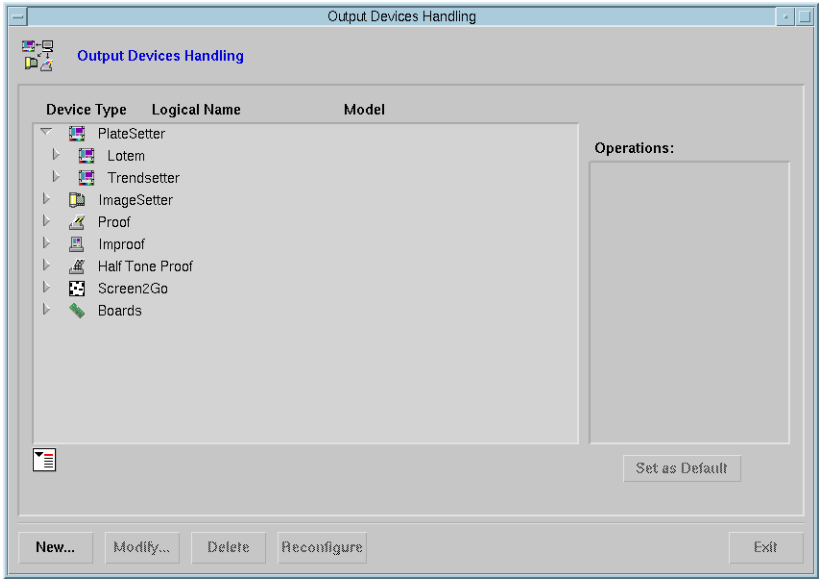
Brisque utilizes two different applications to expose or proof media to the Trendsetter, Proofsetter Spectrum or Trendsetter Spectrum, depending on the Job.

- **PlateExp -** used to expose Jobs to plates.
- **Spectrum -** used to proof Jobs to proofing media.

3.2 Configuring the Trendsetter on the Brisque

To launch Device Configuration:

1. From the Brisque Launch Pad, open the Setup panel.
2. Double-click the **Devices** icon. The Output Devices Handling window appears.



For additional information on Output Device Configuration (see *Brisque 4.0 User Guide, Chapter 38, Configuring Output Devices*).

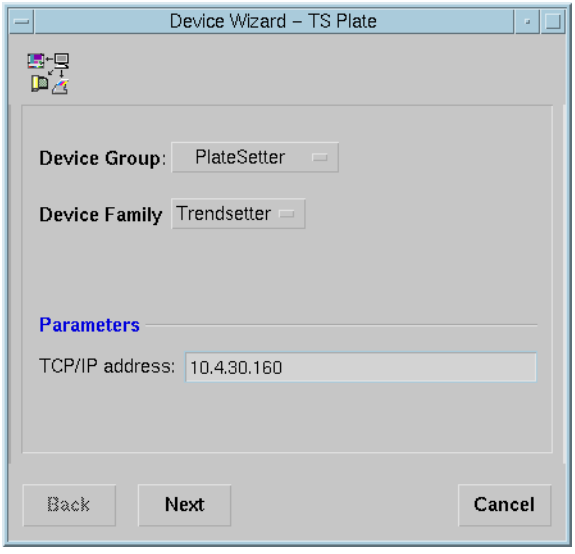
Important: The Trendsetter can perform as a platesetter, a halftone proofer or both.
Each function must be configured separately, even if both functions utilize the same physical device.

3.2.1 Configuring the Trendsetter as a Platesetter

(To configure the Proofsetter Spectrum see *page 44*).

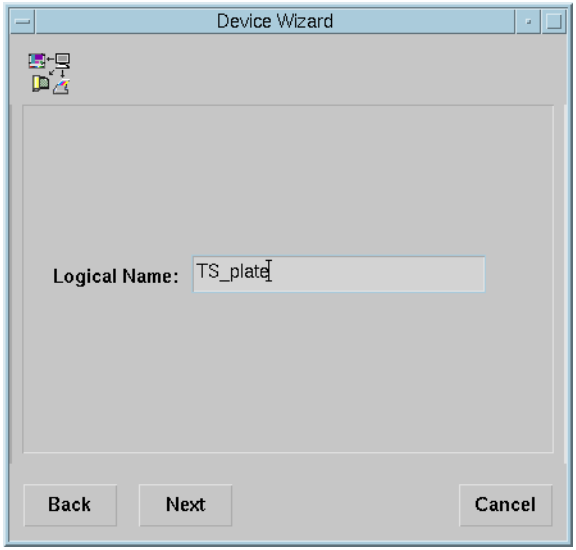
Note: Make sure the HyperTerminal utility or any other application that uses the Trendsetter diagnostic port is not running on your workstation.

1. From the Output Devices Handling window, click **New**. The Device Wizard window appears.



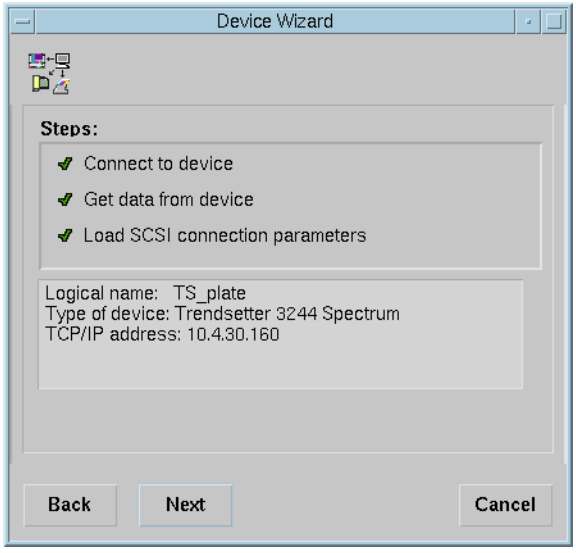
2. From the **Device Group** list box, select **PlateSetter**.
3. From the **Device Family** list box, select **Trendsetter**.
4. In the **TCP IP address** box, type the TCP/IP address of the Print Console workstation.
   (To find the workstation IP address, refer to section A-4, *Checking the Workstation IP Address*, in the appendix.

5. Click **Next.** The following window is displayed.

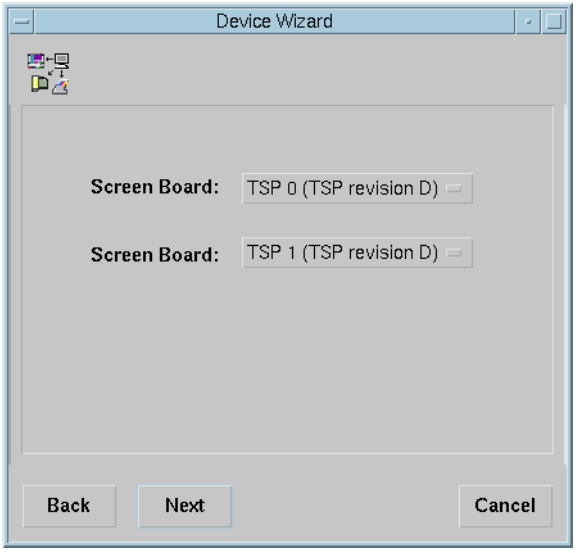


6. In the **Logic Name** box, type a name for the Trendsetter you want to configure.

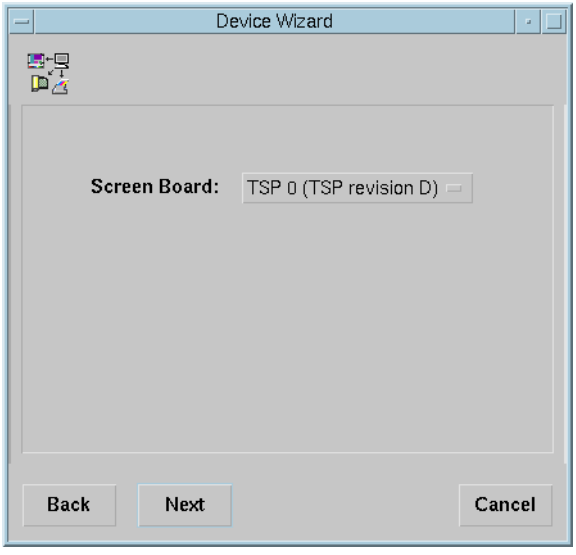
7. Click **Next.** If the configuration was successful, the following window appears. Check marks are displayed next to the three steps.



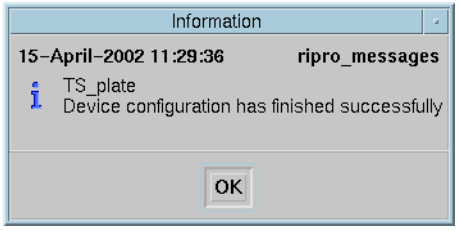
8. Click **Next**.
Trendsetter V models display the following window:



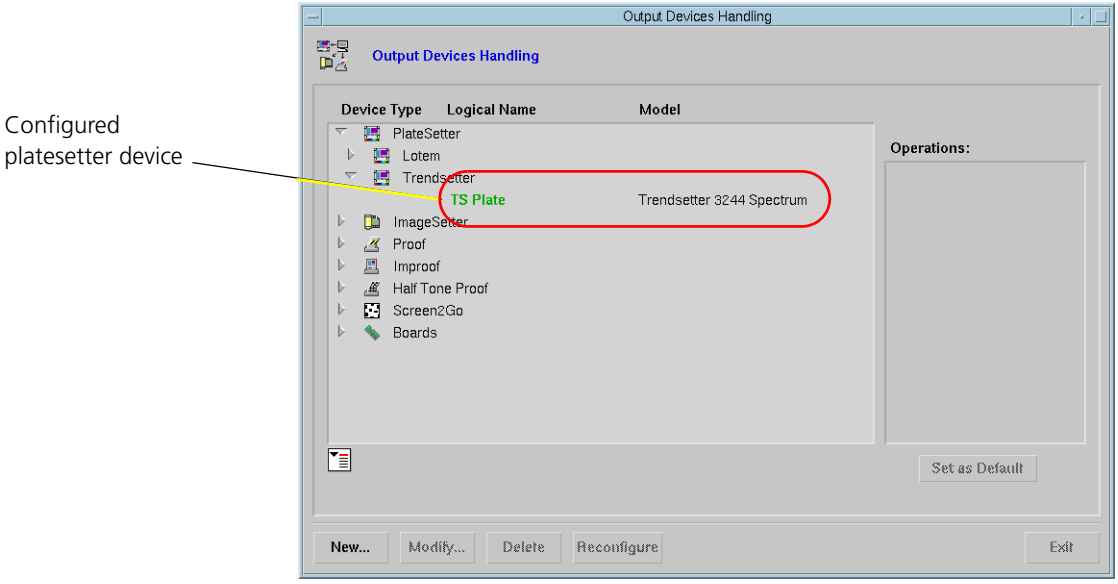
From the **Screen Board** list box, select the Correct TSP board. Do the same for the second **Screen Board** list box and select the second TSP board (TSP0 and TSP1).
Trendsetter S and F models display the following window:



The following dialog box appears for a short while, then disappears.



The configuration process is completed. You return to the Output Devices Handling window.



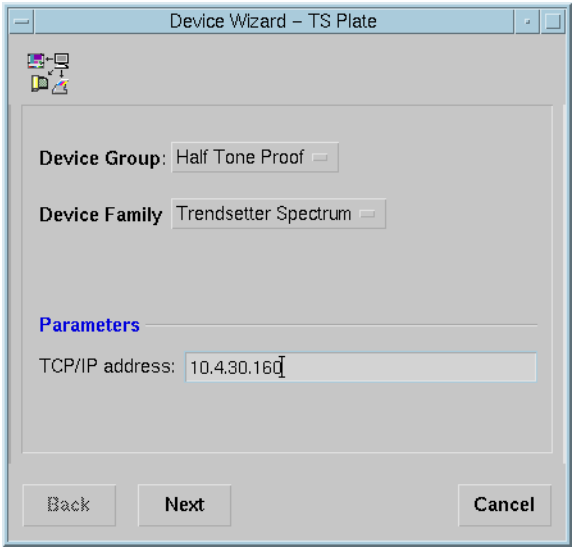
Note: Configuring the Trendsetter imports the Media Device information from the Print Console via the TCP/IP (see *Re-configuring the Trendsetter or Proofsetter* on page 48), as well as initialize the device driver directly via the SCSI cable (see *Establishing SCSI Connection with the Trendsetter or Proofsetter Spectrum* on page 49).

3.3 Configuring the Proofsetter Spectrum as a Halftone Proofer

(To configure the Trendsetter see *page 40*).

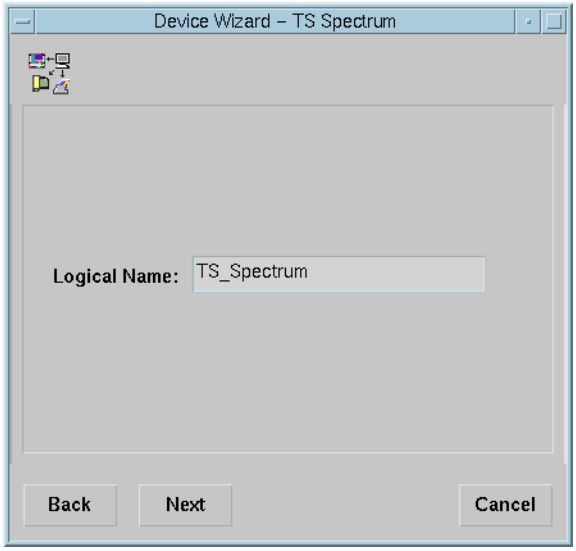
Note: Make sure the HyperTerminal utility or any other application that uses the Trendsetter diagnostic port is not running on your workstation.

1. From the Output Devices Handling window, click **New**. The Device Wizard window appears.

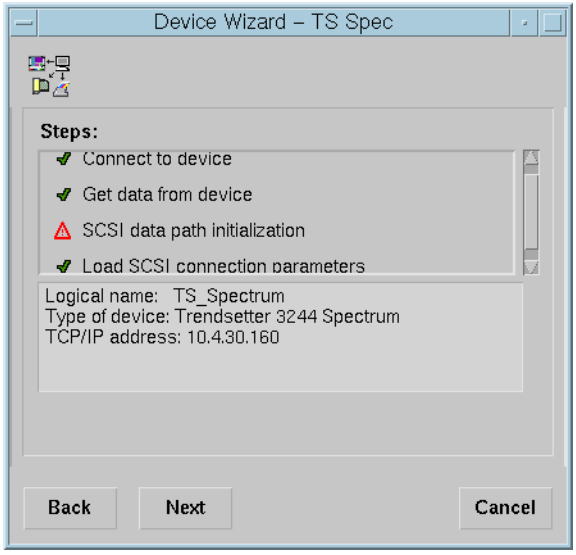


2. From the **Device Group** list box, select **Half Tone Proof**.
3. From the **Device Family** list box, select **Trendsetter Spectrum**.
4. In the **TCP/IP address** box, type the TCP/IP address of the Print Console workstation.
   (To find the workstation IP address, refer to section A-4, *Checking the Workstation IP Address*, in the appendix.

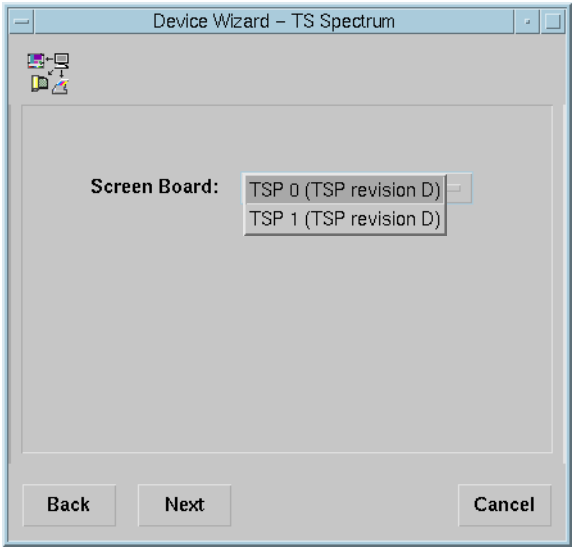
5. Click **Next.** The following window appears.



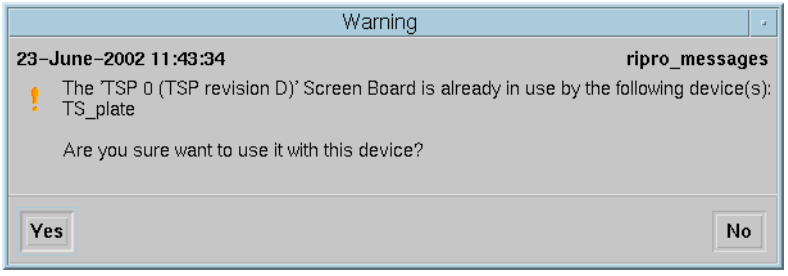
6. In the **Logical Name** box, type a name for the Proofsetter Spectrum you want to configure.
7. Click **Next.** The following window appears.



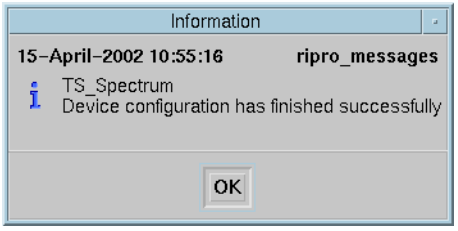
8. Click **Next**. The following window appears.



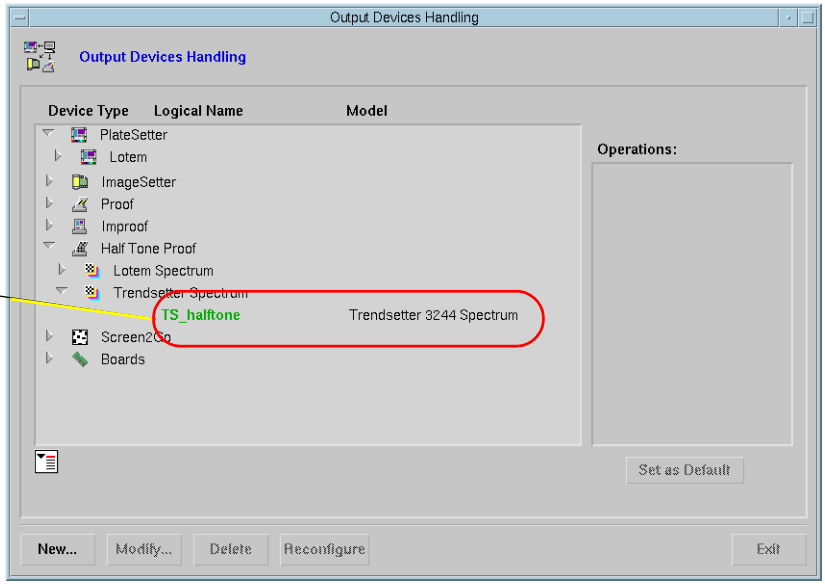
9. From the Screen Board list box, select the TSP0 board and then click **Next**. If a warning dialog appears, click Yes again.



The following dialog box appears for a short while, then disappears.



The configuration process is completed. You return to the Output Devices Handling window.



Configured half tone proof device

10. Click **Save** to complete the process and return to the Output Devices Handling window.

Note: Configuring the Proofsetter Spectrum imports the Media Device information from the Print Console via the TCP/IP (see *Re-configuring the Trendsetter or Proofsetter* on page 48), as well as initialize the device driver directly via the SCSI cable (*Establishing SCSI Connection with the Trendsetter or Proofsetter Spectrum* on page 49).

3.3.1 Re-configuring the Trendsetter or Proofsetter

The Brisque requests Media Device information from the Print Console via the TCP/IP.

To Re-configure the Trendsetter (platesetter):

1. In the Output Devices Handling window, click the arrow to the left of the PlateSetter. The arrow points downwards now and the Platesetter - devices are displayed.
2. Click the arrow to the left of the Trendsetter. The arrow points downwards now and the Trendsetter configurations are displayed.
3. Select a configuration. The row is highlighted.
4. Click **Reconfigure**. The Trendsetter data is imported from the Print Console. The device is configured once again.

To Re-configure the Proofsetter Spectrum:

1. In the Output Devices Handling window, click the arrow to the left of the Half Tone Proof. The arrow points downwards now and the Half Tone proof devices are displayed.
2. Click the arrow to the left of the Trendsetter Spectrum. The arrow points downwards now and the Trendsetter Spectrum configurations are displayed.
3. Select a configuration. The row is highlighted.
4. Click **Reconfigure**. The Proofsetter Spectrum data is imported from the Print Console. The device is configured once again.

   The Configuration is completed.

3.3.2 Establishing SCSI Connection with the Trendsetter or Proofsetter Spectrum

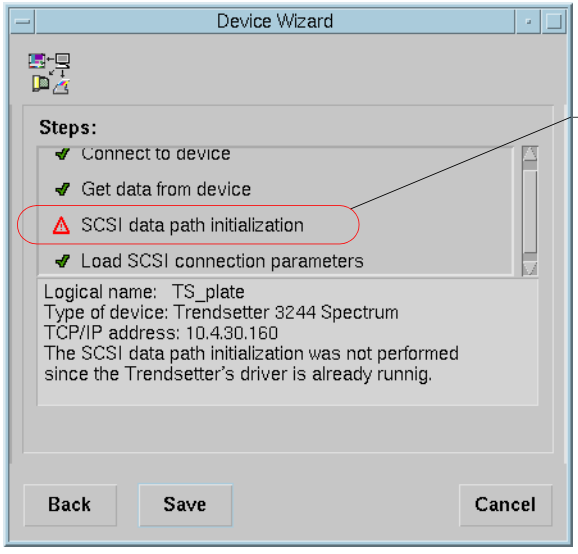
The Brisque initializes the output device driver directly via the SCSI cable.

Important: Boot initializes the Trendsetter, Proofsetter Spectrum or Trendsetter Spectrum automatically, unless other applications using the diagnostic port are active.

To establish SCSI connection with Trendsetter Proofsetter Spectrum or Trendsetter Spectrum:

Note: Make sure the HyperTerminal utility or any other application that uses the Trendsetter diagnostic port is not running on your workstation.

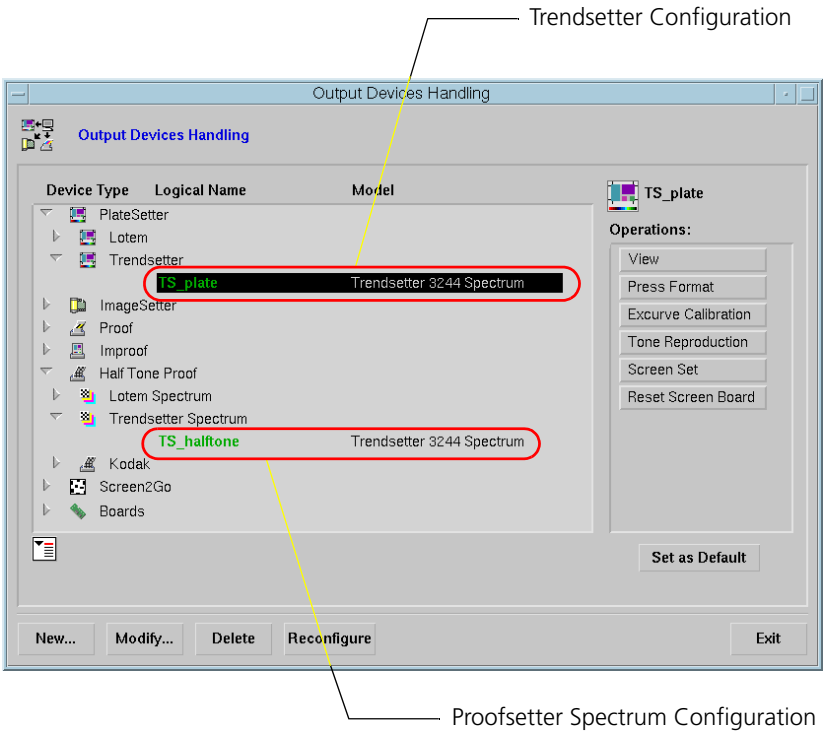
1. In the Output Devices Handling window, select a configuration. The row is highlighted.
2. Click **Modify**, then **Next**, then **Save**. The device driver is Initialized and the device is re-configured.



3.3.3 Displaying the Trendsetter Configurations

To display the Trendsetter configurations:

1. On the Output Devices Handling window, click the triangle next to PlateSetter then the triangle next to Trendsetter. The Trendsetter configuration is displayed.
2. Click the triangle next to Half Tone Proof and then the triangle next to Trendsetter Spectrum. The Proofsetter Spectrum configuration is displayed.
3. To enable operations for the specific device, select the configuration. The relevant operations are accessible in the Operations section.



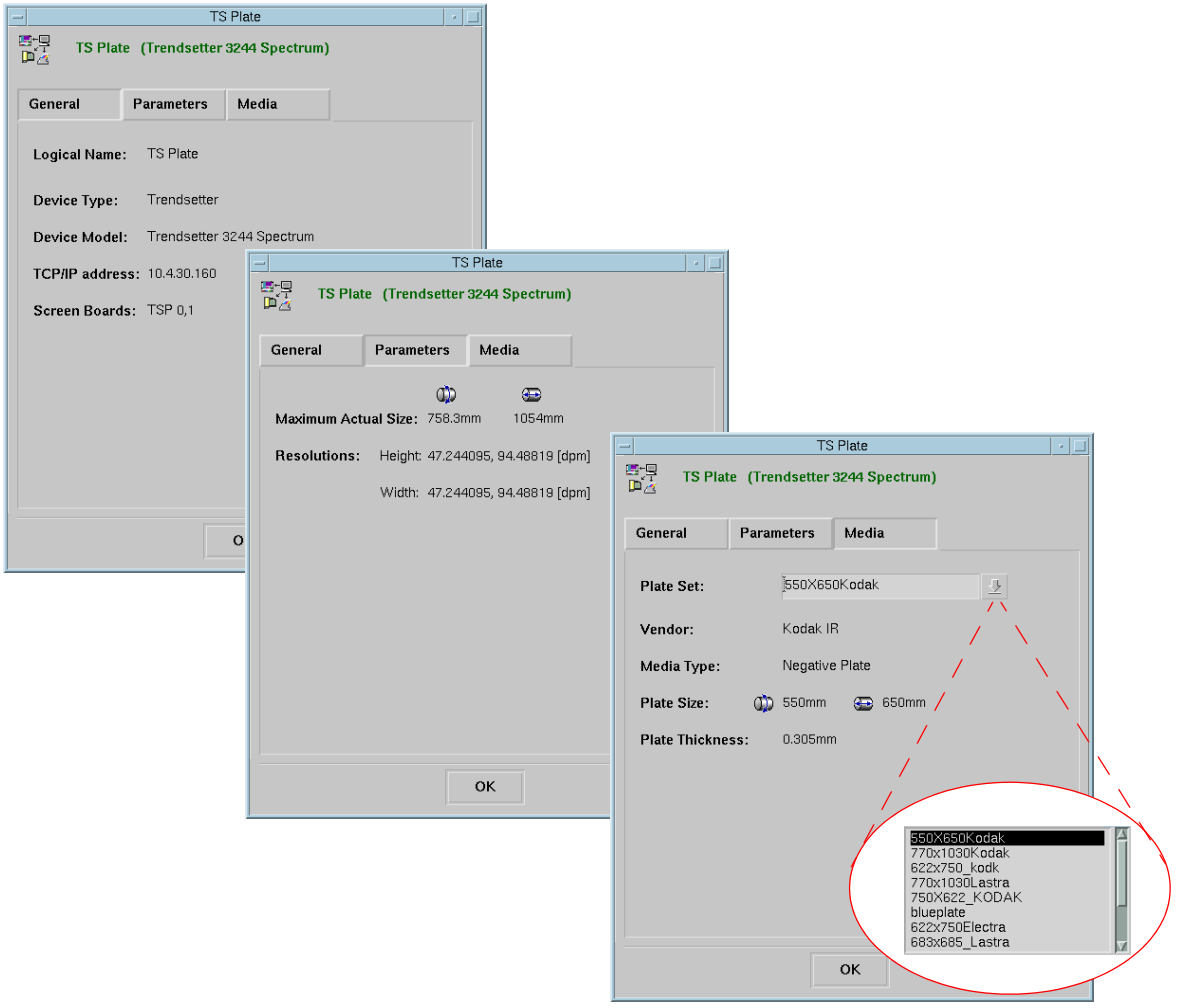
3.3.4 Viewing the Trendsetter Parameters

To view the Trendsetter parameters:

1. On the Output Devices Handling window, select a configuration row. The row is highlighted and relevant operations are enabled.
2. Click the **View** button. The device parameter tabs are displayed.

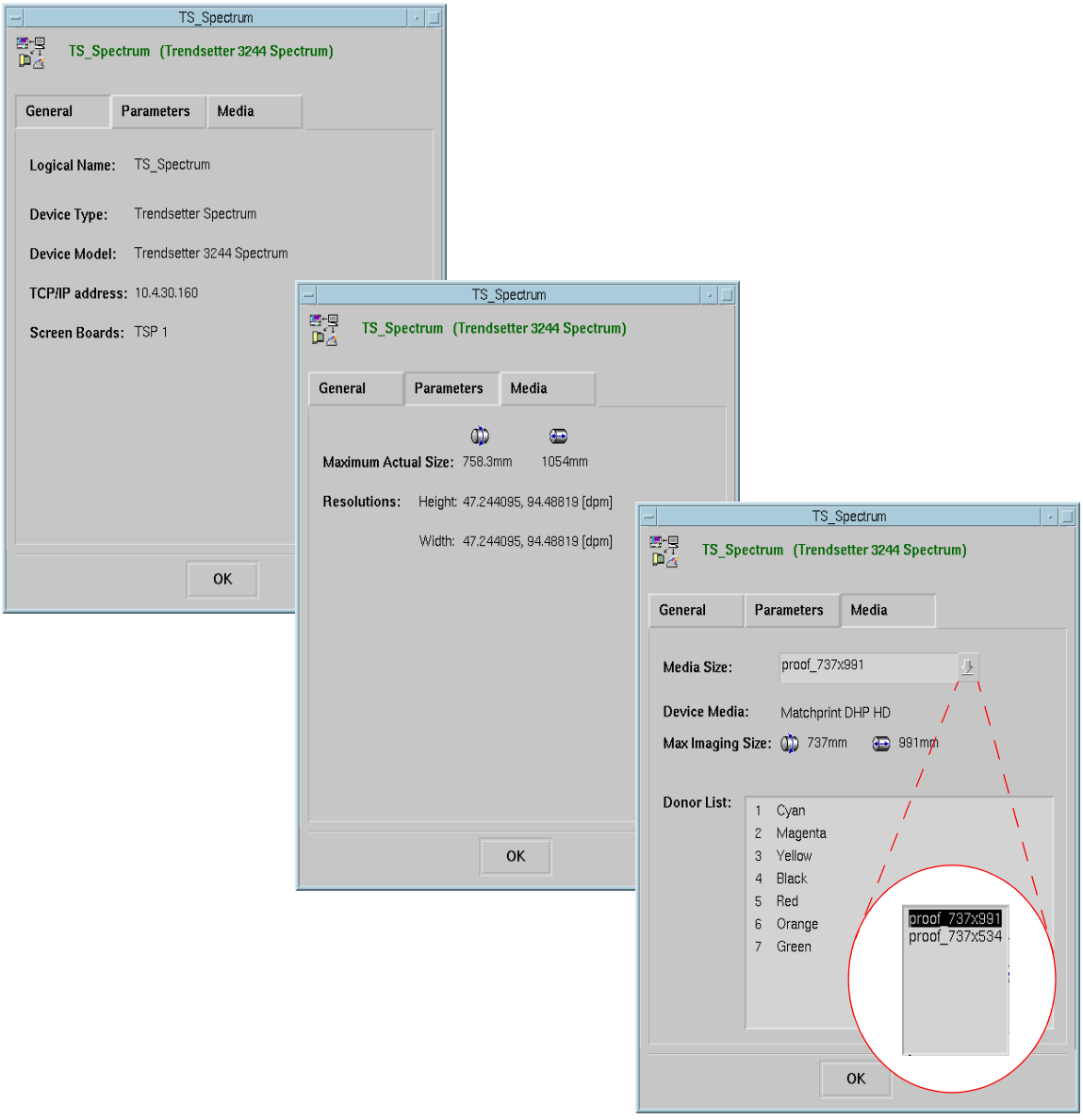
Platesetter parameters:

The following are examples of the Trendsetter Platesetter parameters.



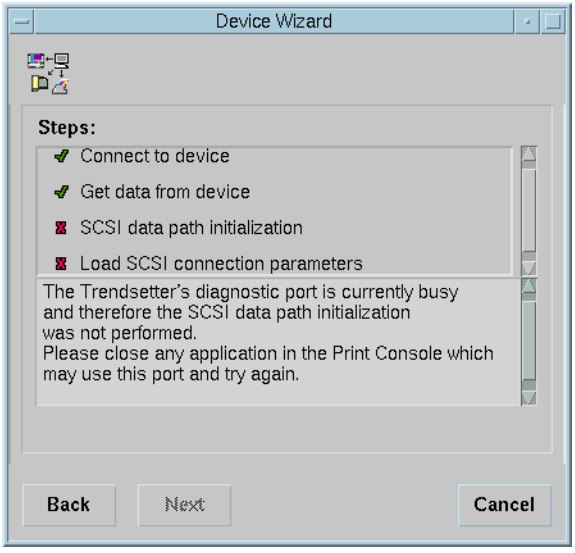
Half Tone proofer parameters:

The following are examples of the Trendsetter Half Tone proofer parameters.



3.4 Troubleshooting the Configuration

When the configuration fails, check any one of the following items:



Example of device configuration with SCSI failure

When Configuration Fails with Message	Perform these actions
Connecting to device	1. Verify the correct Print Console IP Address. 2. Verify a good Ethernet connection between the Brisque and the Trendsetter (ping the Print Console IP Address). See *Checking the Workstation IP Address* on page 87.
Get data from device	➢ Make sure the Print Console and BrisqueAgent are running. See *Checking if BrisqueAgent is Working in Background* on page 13.

When Configuration Fails with Message	Perform these actions
Load SCSI connection parameters	1. Check for proper SCSI cable connection between the Brisque and the Trendsetter. 2. Make sure there are no bent pins in the SCSI cable connectors.

3.4.1 Problem 1:

While saving the configuration, error messages, such as 5408 or 5412, may appear.

Or,

After saving the configuration, the following may be missing:

- Plate Sets in the **Device View** tab **Plate Set** list (for plates)
- Media Sizes in the **Device View** tab **Media Size** list (for proofs).

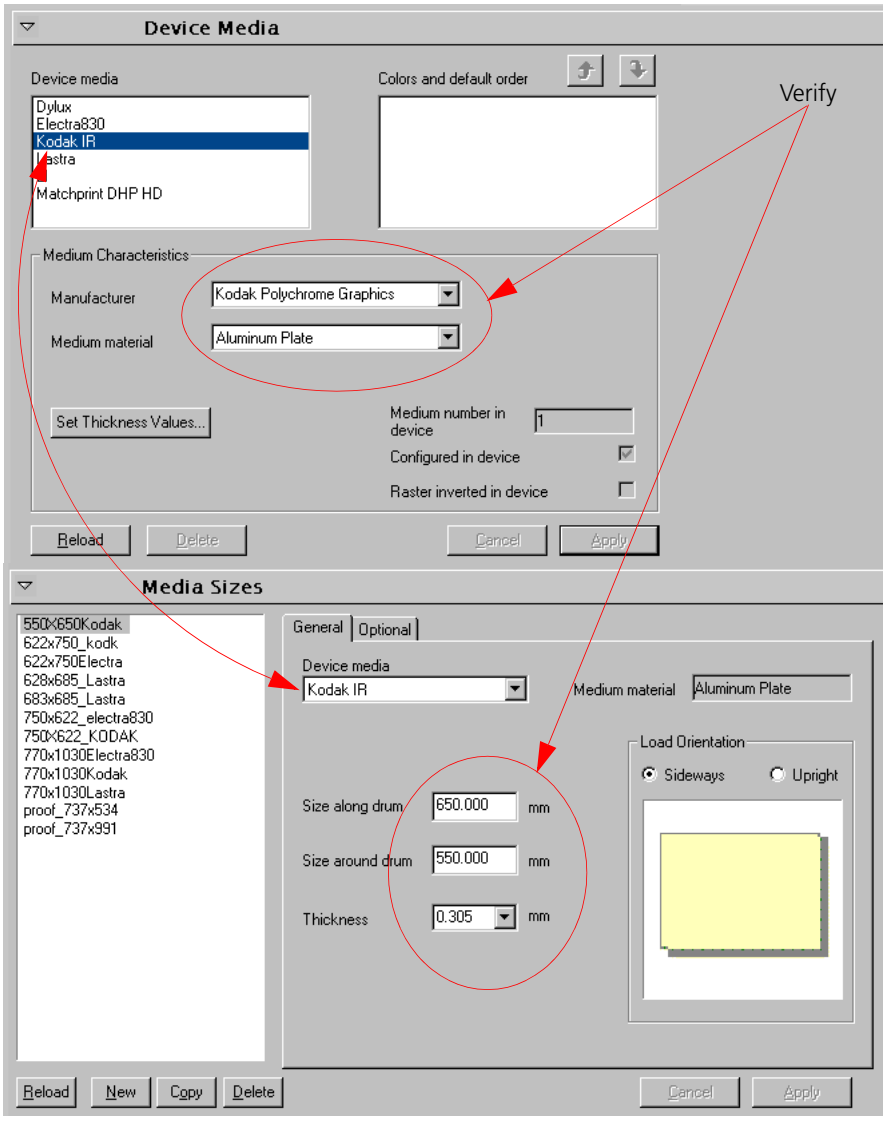
Cause:

The Print Console Media Size configuration may be the cause.
When Device Media or Media Sizes are defined in the Print Console (information which is mirrored in the Brisque), information vital to the definitions must be entered. If not, the Brisque ignores specific Plate Sets or Media Sizes and excludes them from the lists on the Brisque configuration View (Plate Set or Media Size lists on the **Media** tab).

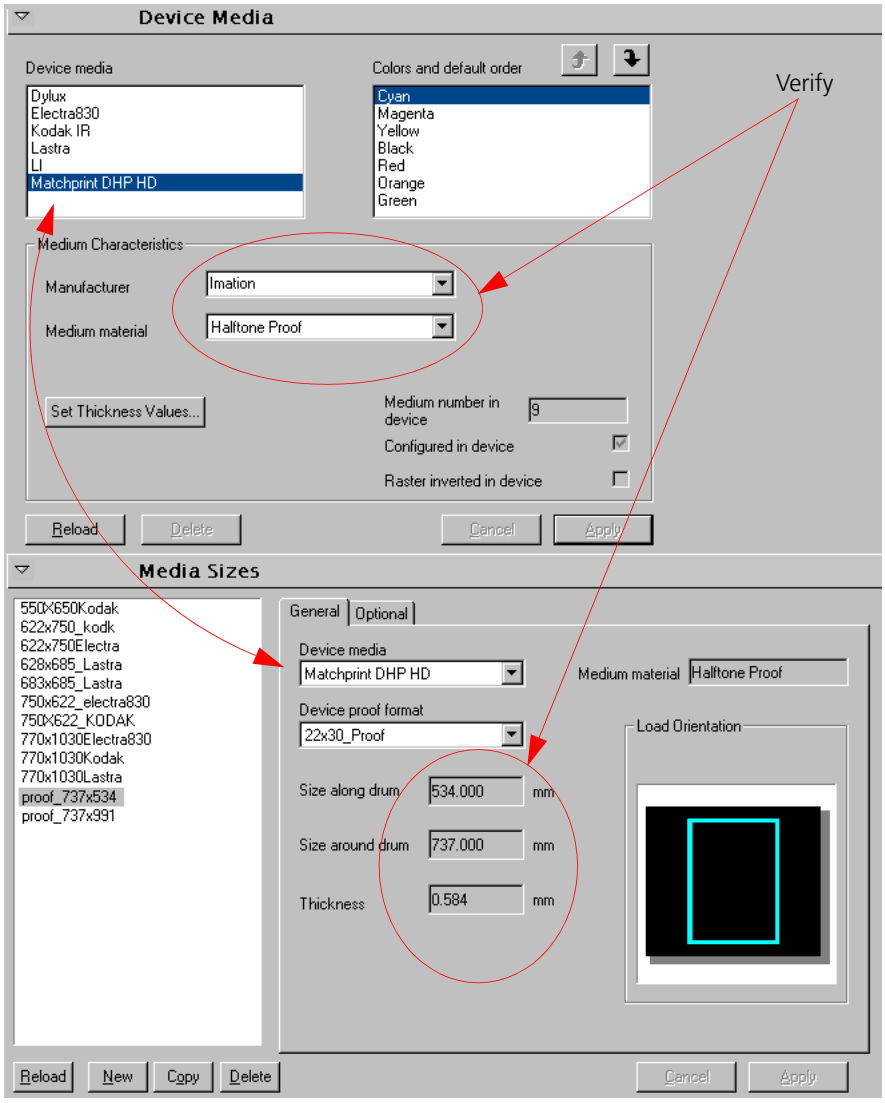
Solution:

When configuring the plate or proof parameters on the Print Console, make sure all the information is selected. do not leave any box without a value or with value **Other**.

For plates:


Device Media
Device media
Dylux
Electra830
Kodak IR
Lastra
Matchprint DHP HD
Colors and default order
Verify
Medium Characteristics
Manufacturer
Kodak Polychrome Graphics
Medium material
Aluminum Plate
Set Thickness Values...
Medium number in device
1
Configured in device
Raster inverted in device
Reload
Delete
Cancel
Apply
Media Sizes
550X650Kodak
622x750_kodk
622x750Electra
628x685_Lastra
683x685_Lastra
750x622_electra830
750X622_KODAK
770x1030Electra830
770x1030Kodak
770x1030Lastra
proof_737x534
proof_737x991
General
Optional
Device media
Kodak IR
Medium material
Aluminum Plate
Load Orientation
Sideways
Upright
Size along drum
650.000
mm
Size around drum
550.000
mm
Thickness
0.305
mm
Reload
New
Copy
Delete
Cancel
Apply

For proofs:


Device Media
Device media
Dylux
Electra830
Kodak IR
Lastra
LI
Matchprint DHP HD
Colors and default order
Cyan
Magenta
Yellow
Black
Red
Orange
Green
Verify
Medium Characteristics
Manufacturer
Imation
Medium material
Halftone Proof
Set Thickness Values...
Medium number in device
9
Configured in device
Raster inverted in device
Reload
Delete
Cancel
Apply
Media Sizes
550X650Kodak
622x750_kodk
622x750Electra
628x685_Lastra
683x685_Lastra
750x622_electra830
750X622_KODAK
770x1030Electra830
770x1030Kodak
770x1030Lastra
proof_737x534
proof_737x991
General
Optional
Device media
Matchprint DHP HD
Medium material
Halftone Proof
Device proof format
22x30_Proof
Load Orientation
Size along drum
534.000
mm
Size around drum
737.000
mm
Thickness
0.584
mm
Reload
New
Copy
Delete
Cancel
Apply

3.4.2 Problem 2:

The SCSI driver error message 5175 is displayed during expose.

Cause:

There are three possible reasons why error 5175 is displayed:

- The **platesetter0** driver is not running.
- After the Brisque has booted, you do not modify the Trendsetter/ Spectrum using the Output Device Configuration application.
- There is a problem with a SCSI cable or SCSI interface board.

Solution:

1. Open an AIX terminal.
2. From the command line prompt, type the command:
   `# lsdev -Csscsi`
3. Verify that the Trendsetter device exists in the SCSI device list. This list should display the TrendSetter similarly to the following line:

```
PlateSetter0 Available 10-b0-00-5,0 PlateSetter -
CreoScitex TrendSetter
```

(in certain AIX terminals, `N/A` appears instead)

If the Trendsetter device does not exist, do the following:

1. Close all applications that are using the Trendsetter's diagnostic port (usually Com port 4).
   Examples of these application include: HyperTerminal, ProComm, Splot, and Service Host.
2. Start the BrisqueAgent application.
3. Check the setting of the Com port in the BrisqueAgent using the **Set Diagnostic Port** option.
   See "To set or verify Trendsetter Diagnostic port:" on page 14.
4. Start the Output Device Configuration application.
5. Run **Modify Device** or **New Device.** For more information, see 3.3.2 "Establishing SCSI Connection with the Trendsetter or Proofsetter Spectrum" on page 49.

If error message 5175 still displays, do the following:

1. Check that there are no bent pins in the SCSI cable connectors.
2. Replace the SCSI cable.
3. Replace the SCSI Interface board on the Brisque.

4 Brisque to Trendsetter Workflows

PlateExp Workflow 60
Spectrum Workflow 68

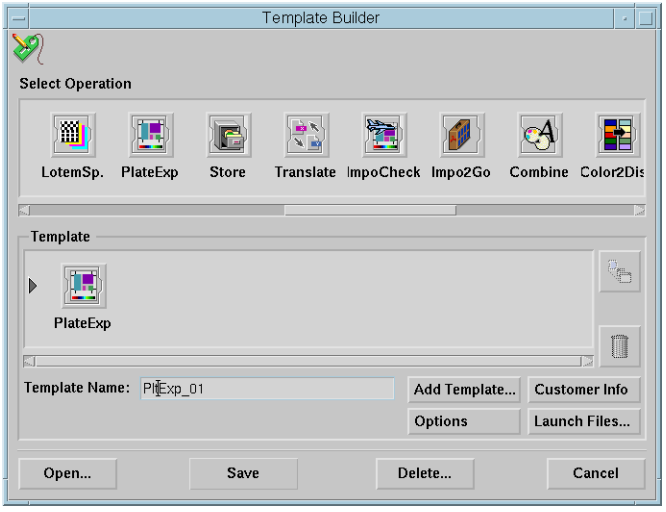
4.1 PlateExp Workflow

This workflow starts with the definition of the Expose Template and is completed when the Print Console oversees the exposure of a Job to a plate on the Trendsetter.

4.1.1 Defining a PlateExp Template

To define a new plate expose template:

1. From the Brisque Launch Pad, open the Automation Tools panel.
2. Double-click the **Builder** icon. The **Template Builder** icon appears.



3. Double-click the **PlateExp** icon. The icon is placed in the Template section.

4. Double-click the **PlateExp** icon in the Templates section. The Plate Expose Template window appears.



5. Define the Plate-Expose process parameters according to your needs.

   a. From the **Screen-Set** list box, select a screen set with a resolution compatible with the device.

Note: Input Orientation option is available only when **Allow Input Orientation Selection** is selected in the Plate Expose Output Preferences.

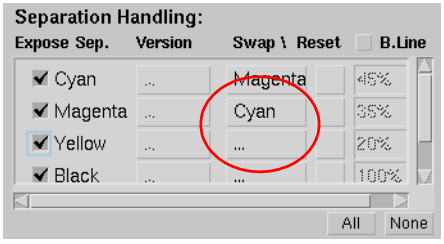
b. From the **Press Format** list box, select a Press Format.

c. From the **Plate Set** list box, select the plate set (plate sets compatible with the press format are defined in the Print Console and displayed in **green**).

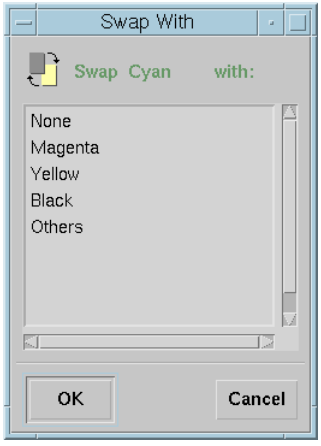
Important: The plate set and the press format selected must be compatible. when correctly selected they will both be displayed in **green**.

d. In the Separation Handling section, select the separations you want to expose.

e. Each separation is assigned an exposure angle. you can assign another separation's exposure angle. This option is used to prevent Moire.



In the Separation Handling section, select a separation then click the button under Swap. The Swap With window appears.



f. In the Swap With window, select a separation assigned the exposure angle you wish to change to.

g. Click **OK**. The exposure angles are switched. The new separation name is displayed on the **Swap** button, next to the selected separation, and the old name is displayed on the **Swap** button next to the separation selected to switch with.
For example: If you wish to assign the Magenta exposure angle to the Cyan separation, select the Cyan separation in the Separation Handling section and in the Swap With window select Magenta. The Magenta exposure angle will now be assigned to the Cyan separation and the Cyan exposure angle will be assign to the Magenta separation.

h. To create a Blue Line (expose all the separations on a single plate), select the **B.Line** check box.



For complete information on the PlateExp template parameters, see *Brisque 4.0 User Guide, Chapter 43 Exposing to Plate*.

6. Click **OK**. The Plate Expose window is closed. You are returned to the Template Builder window.

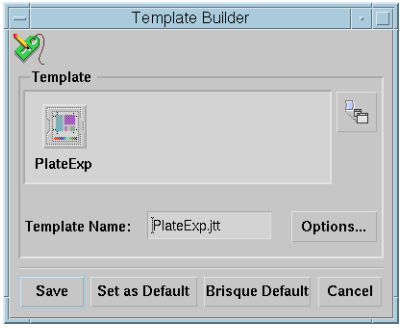
7. In the **Template Name** box type the new template name and click **Save**. You return to the Brisque CDE and the template is saved in the **templates** folder.



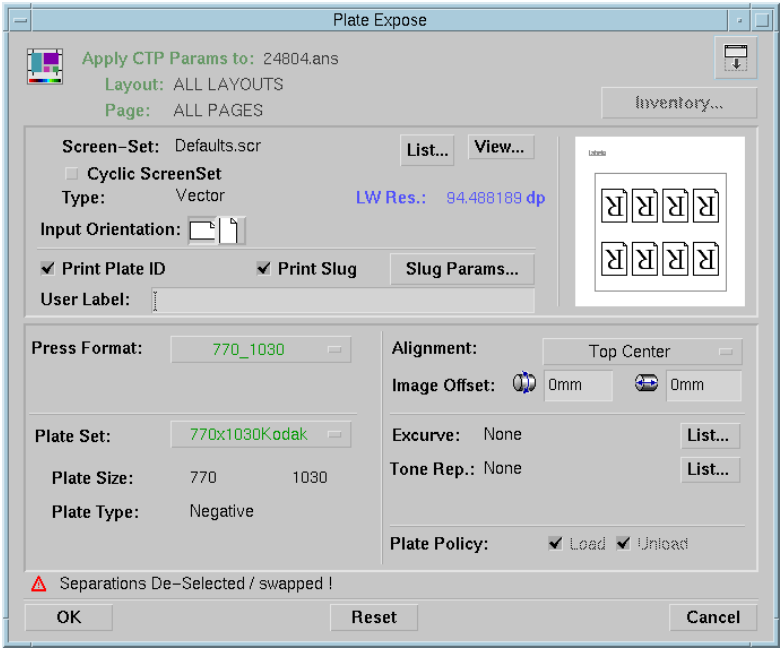
Note: Define as many templates as needed and save them to the **templates** folder. Use distinctive names to identify each template designed for a specific operation.

A quick method to define a plate expose template:

1. From the Output panel, double-click the **PlateExp** icon. The Template Builder window appears.



2. Click the **PlateExp** icon. The Plate Expose window appears.



3. In the Plate Expose window, define the plate parameters and click **OK**. The Plate Expose window is closed.

4. Type a new name in the **Template Name** box and click **Save**, to save the template to the **templates** folder. You return to the Brisque.



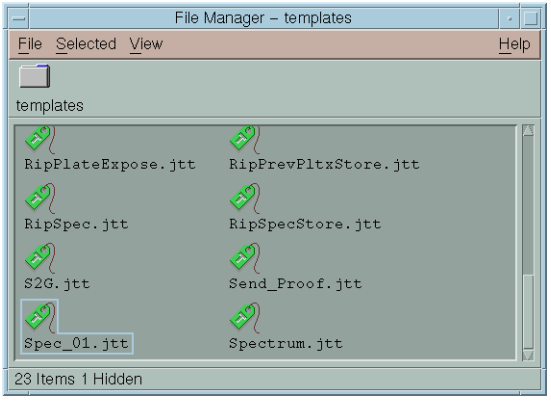
Note: You can click **Save As Default** to save the parameters to the default template which will display each time you double-click the **PlateExp** icon on the Output panel.

4.1.2 Exposing a Job to the Trendsetter

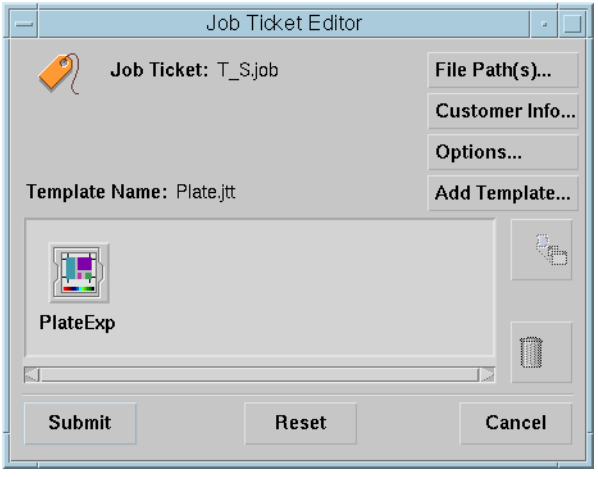
To expose the Job using the PlateExp application:

1. On the Brisque:

   a. From the Automation Tools panel, double-click the **Templates** icon. The **templates** folder is displayed, showing the available templates with extension .jtt.



   b. Select a pre-defined Job, drag and drop it over the defined PlateExp template. The Job Ticket Editor window appears.



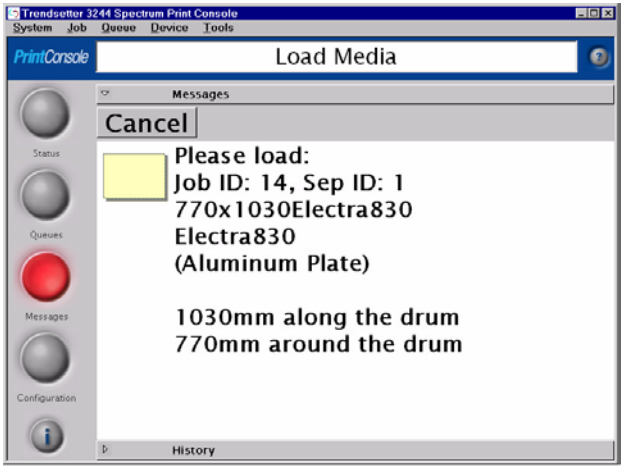
Note: Double-clicking the **PlateExp** icon opens the template for local modifications. The modifications are not saved for future use.

Tip: If you set the PlateExp icon to display on the Launch Pad, each time you drag and drop a Job onto the icon, the default template with the previously defined parameters is used.

c. From the Job Ticket Editor window on the Brisque, click **Submit**. The progress Indicator reflects the process initiation.

2. On the Print Console:

a. When the Print Console requests manual loading of a plate, the LOAD indicator lights.



b. Place the unexposed plate in the Trendsetter and press START. The plate slides into the Trendsetter.

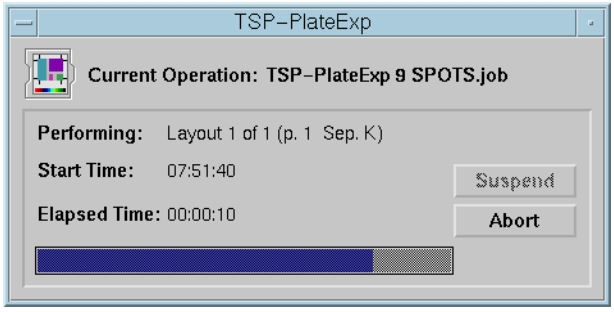
c. When the plate is fixed in place, the Brisque sends the Job data to the Trendsetter and the Print Console overseers the exposure process.

d. The Trendsetter exposes the plate to a single separation (or simultaneously to all, in a case of Blue Line exposure).

Note: The process cycles for each separation. When one is completed, the Print Console requests manual loading of the next plate. Until all separations are exposed.

3. On the Brisque:

   a. The Progress Indicator on the Brisque continues to show the Job progress.



   b. When the Job is done the Progress Indicator is dismissed.

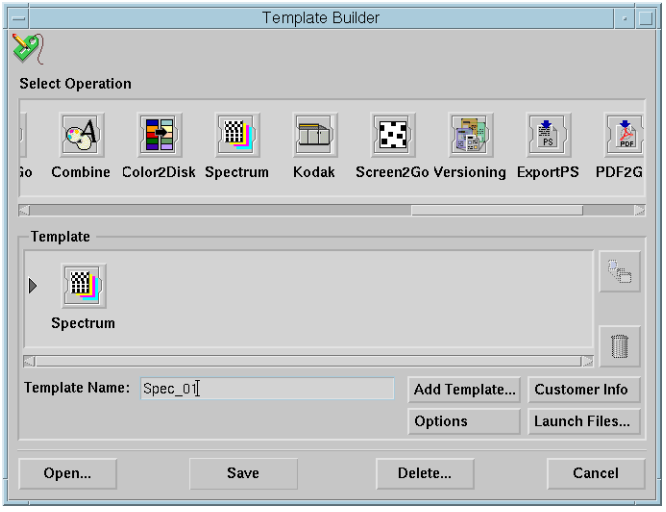
4.2 Spectrum Workflow

This workflow starts with the definition of a Spectrum Template and is completed when the Print Console overseers the proofing of a Job to a Proofsetter Spectrum or Trendsetter Spectrum.

4.2.1 Defining a Spectrum Template

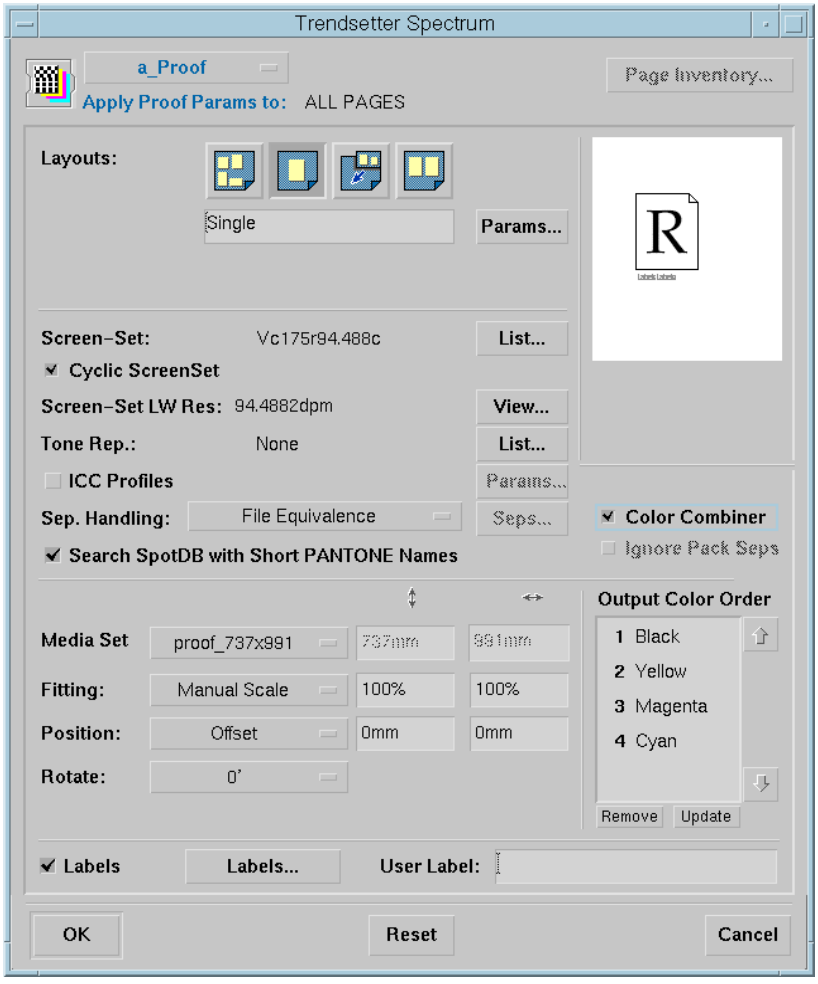
To define a new Spectrum template:

1. From the Brisque Launch Pad, open the Automation Tools panel.
2. Double-click the **Builder** icon. The **Template Builder** window appears.



3. Double-click the **Spectrum** icon. The icon is placed in the Template section.

4. Double-click the **Spectrum** icon in the Templates section. The Trendsetter Spectrum Template window appears.



5. In the Output Color Order section, click **Update**, to update the list of donors from the Print Console. To remove a donor from the list, select it and click **Remove**.

Note: To restore the complete list of donors from the Print Console (after removing donors from the Output Color Order list), click **Update**.

6. From the **Screen-Set** list box, select a screen set with a resolution compatible with the device (2400 dpi/94.48819 dpm).

7. To automatically define spot color dot shape angle parameters in a cyclic manner (CMKCMK, and so on), select the **Cyclic ScreenSet** check box.



To learn more about Manual or Automatic assignment of Spot Color Separation dot shape angle, see *Brisque 4.0 User Guide, Chapter 40, Screen Sets*.

8. From the **Spot-color Handling** list box, select spot color handling method.
(See *Spot Color Handling* on page 71).
9. To select a Tone Reproduction curve, click **List**, to the right of Tone Rep. The Tone Rep. curve list appears.
10. Select a curve and click **OK**. A Tone Rep. curve is not mandatory and **None** can be selected.
11. To simulate the hue and halftone dot structure of spot colors using only CMYK process colors, select the **Color Combiner** check box.
12. To exclude postpress die line data being included with the proof , select the **Ignore Pack Seps** check box.
13. From the **Media Set** list box, select a Media Set that matches the parameters of the output media that you are going to use.
14. To fit the image (clip or scale) to the output, select an option from the **Fitting** list box. When using scale or offset, type the values in the boxes to the right.
15. From the **Image Position** list box, select a defined position. If the image is to be offset, type offset values in the boxes to the right.
16. If image has to be rotated, select Rotate 90° from **Rotate** list box.
17. To add labels to the output, select the **Labels** check box.
To edit the labels, click Labels, edit the labels window and click **OK**.
To add a user label, type a comment in the **User Label** box.
18. Click **OK**. The Spectrum window is closed.
19. In the **Template Name** box type the new template name and click **Save**. You return to the Brisque CDE and the template is saved in the **templates** folder.



Note: Define as many templates as needed and save them to the **templates** folder. Use distinctive names to identify each template designed for a specific operation.

4.2.2 Spot Color Handling

This option enables you to specify which special color donor to apply to what spot color, when you apply a template to a Job containing Spot Color separations.

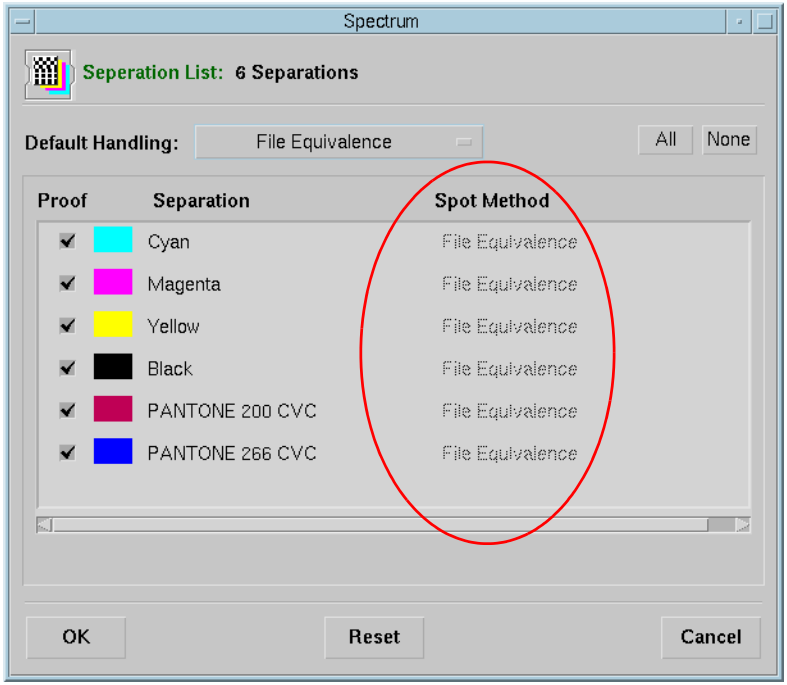
Two methods are available:

- Convert all spot colors to process colors
- Specify special color donors for spot colors.

To convert all spot colors to the process colors:

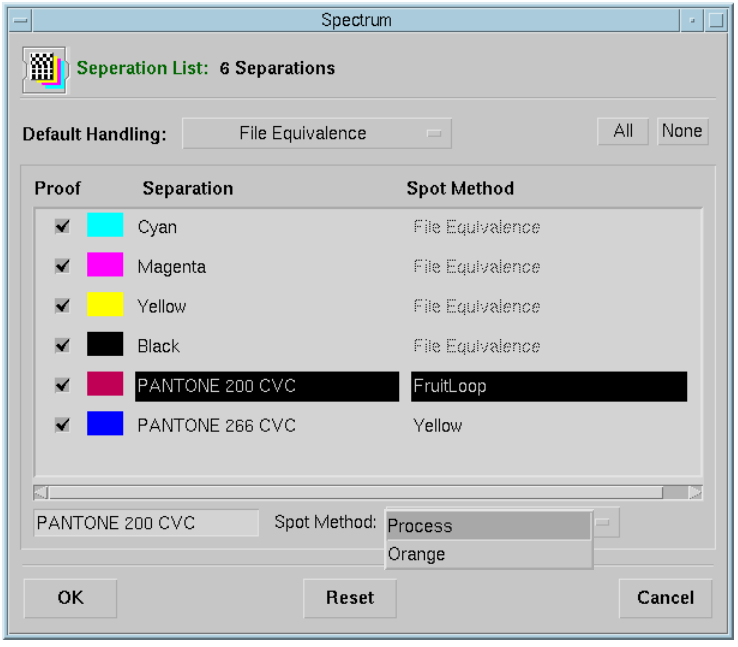
1. Select **All to Process** from the **Spot-color Handling** list box. All the spot colors will be converted to the process (CMYK) colors.
   For example, if a spot color is composed of 20% Cyan, 30% Magenta, 35% Yellow and 10% Black, the **All to Process** option will cause the spot color to be composed of only process colors (CMYK), each contributing its relative part of the spot color.

Note: To view the separations click **specify**. The Spectrum Separation List window is displayed, showing separations only.



To specify which donor to assign to which spot color:

1. select **Specific** from the **Spot-color Handling** list box. The Spectrum Separation List window appears.



2. Make sure all separations required for current exposure are selected, in the Proof column.
3. Select the specific spot color, then from the **Spot Method** list box select the special donor to match. The selected donor is removed from the list of available donors and is listed in the Spot Method column.
4. Repeat process for spot colors, as required, until no more special color donor appear on the list. Additional spot colors will be automatically converted process.
5. Click **OK**. You return to the Spectrum window.

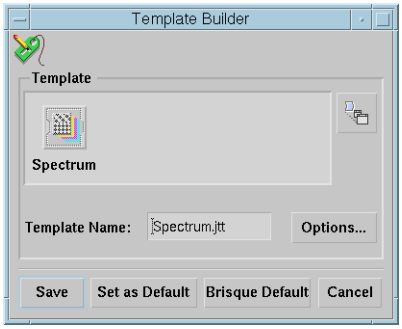


Important: The list of special color donors is defined in the Print Console, and is displayed in the Output Color Order section of the Spectrum window when clicking **Update**. You can only assign one special color donors to one spot color. Excess spot colors are converted to process colors.

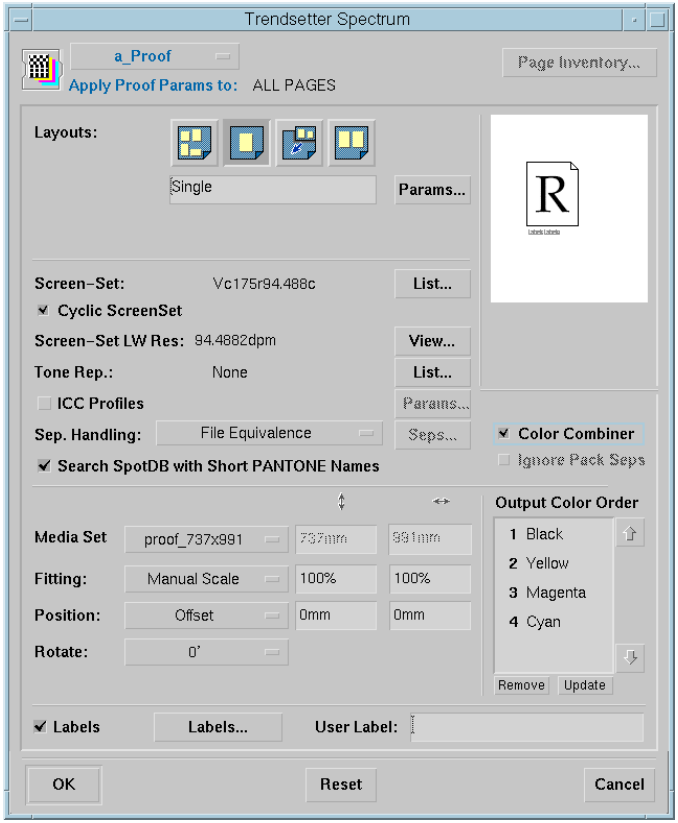
4.2.3 A Quick Method to Define a Spectrum Template

To define a Spectrum template:

1. From the Output panel, double-click the **Spectrum** icon. The Template Builder window appears.



2. Click the **Spectrum** icon. The Trendsetter Spectrum window appears.



3. In the Trendsetter Spectrum window, define the proof parameters and click **OK**. The Trendsetter Spectrum window is closed.

4. Type a new name in the **Template Name** box and click **Save**, to save the template to the **templates** folder. You return to the Brisque CDE.

Note: You can click **Save As Default** to save the parameters to the default template which will display each time you double-click the **Spectrum** icon on the Output panel.

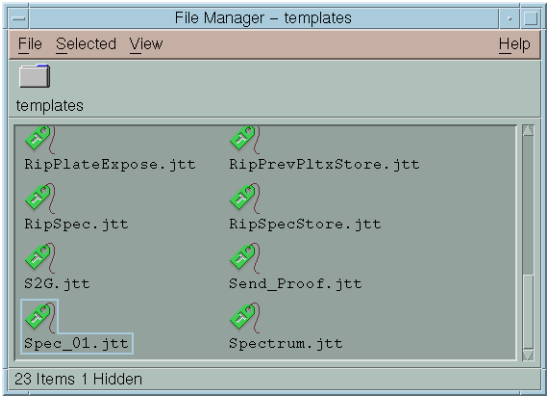
4.2.4 Proofing a Job to the Proofsetter Spectrum or Trendsetter Spectrum

Important: Before the Job is submitted, the Trendsetter must be made ready. The Print Console must be up. The carrier and the media tray with correct set of donors are prompted for by Print Console.

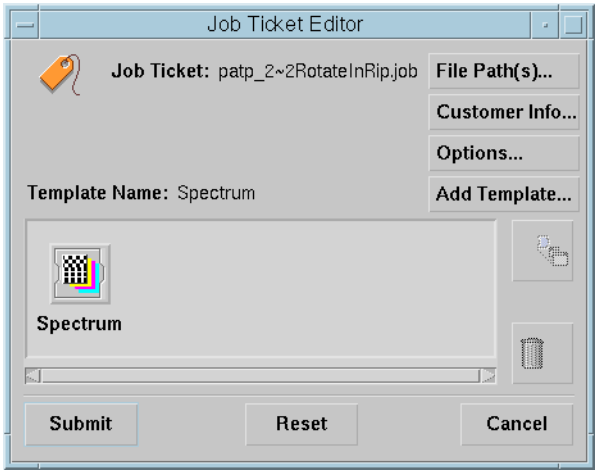
To proof a Job using the Spectrum application:

1. On the Brisque:

   a. From the Automation Tools panel, double-click the **Templates** icon. The **templates** folder appears, showing the available templates with .jtt extension.



b. Select a pre-defined Job and drag and drop it over the defined Spectrum template. The Job Ticket Editor window appears.





Tip: If you set the Spectrum icon to display on the Launch Pad, each time you drag and drop a Job to the icon, the default template with the previously defined parameters is used.

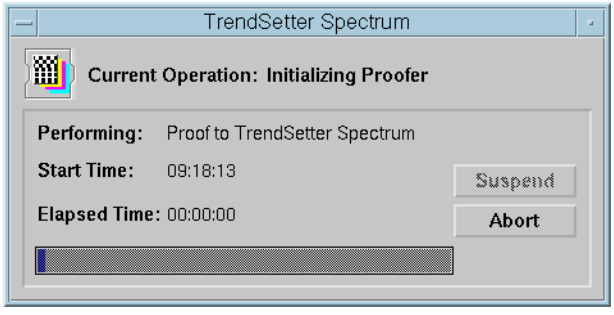


Note: Double-clicking the **Spectrum** icon opens the template for local modifications. The modifications are not saved for future use.

c. In the Job Ticket Editor window, double-click the **Spectrum** icon, the Spectrum Template window appears.

d. After parameters are set, click **OK** to exit back to the Job Ticket Editor.

e. From the Job Ticket Editor, click **Submit.** Brisque sends the Job data to the Proofsetter Trendsetter or Trendsetter Spectrum. Progress is followed on the Process Indicator.



2. On the Print Console:

   a. The Print Console overseers the proof process. The Proofsetter Spectrum or Trendsetter Spectrum proofs the receiver to each donor in turn, ejecting the spent donors back o the tray one at a time.

   b. When the job is done the finished receiver is expelled to the tray.

A

Appendix

A.1 Installing BrisqueAgent on the Windows Workstation 78
A.2 Attaching BrisqueAgent to Print Console 79
A.3 Troubleshooting the Configuration 81
A.4 Checking the Workstation IP Address 87
A.5 Displaying File Extension 88

A.1 Installing BrisqueAgent on the Windows Workstation

BrisqueAgent is an application used to link between the Brisque ASCII commands and the Print Console GDAPI.



Important:

- You must install BrisqueAgent on the workstation where the Print Console application resides.
- When upgrading from a previous version, you must remove the previous version, then reboot the computer before you begin the installation of the new version of BrisqueAgent.
- The workstation login user must have administrator privileges.

To install BrisqueAgent on the Windows workstation:

1. First, make sure that the Print Console application is installed on the Print Console workstation.
2. If the Print Console application is running, quit the application.
3. Insert the Release Control software CD-ROM in the CD-ROM drive.
4. From the compact disc, open the **BrisqueAgent** folder.
5. Run **setup.exe**.

   The Set Up Wizard is activated.
6. Follow the instructions of the Setup Wizard.



Note: When a previous version is detected, the wizard inquires whether to remove or override it. Remove previous version, then run setup again, this time install.

7. When installation is complete the workstation reboots automatically.

A.2 Attaching BrisqueAgent to Print Console

When Print Console is launched, BrisqueAgent must be launched as well, therefore the launching command is placed in the Print Console initialization file.



Note: Only perform the following procedure if the Print Console was configured to work with the Tiffdownloader program.

To attach BrisqueAgent to Print Console:

1. On the Print Console workstation, locate the **Print Console** folder (found on disk E or system disk), using the Browser.
2. In the **Print Console** folder, find the **begin.inf** file (located in the **bin** folder).
3. Open the file with any editor. (Double-click to open or right-click the file and select **Edit** from the popup.)
4. Edit the file as follows:
   a. Add a #(pound symbol) before the sentence that starts with "`tiffdownloader`.
   The edited sentence should read:
   `#"tiffdownloader /.. /testscsi" /unique /noconsole /min /exit 0 /restartdelay 10`
   b. Remove the comment from the line
   `\brisqueagent\version\scripts\brisqueagent.bat`

```
# start the debugger ...
"debugger /a \PrintConsole\log\debug.log" /unique debugger /noconsole /min /restartdelay 10
# ... and wait for it to start up before starting the other processes
"debugger /w" /sync


############### start Print Console ######################

# the following line should be uncommented to start the spool folder (hot folder) input
"spoolers /h" /unique /noconsole /min /exit 0 /restartdelay 10

# the following lines should be uncommented to start the simulator
#startsim.bat /unique "Simulator" /newconsole /min /title "Simulator" /nowatch

# the following lines should be uncommented to start the printconsole
printconsole /unique /newconsole /exit 0 /master /quit /restartdelay 10

# the following lines should be uncommented to start the tiff downloader
#"tiffdownloader /sws1048576 /tib7 /testscsi /testlzw /auxthreads4 /regver2.0" /unique /noco

# the following lines should be uncommented to start the sample RIP
#samplrip /unique /noconsole /min /exit 0 /restartdelay 10
\brisqueagent\version\script\brisqueagent.bat
```

5. From the **File** menu, select **Save** to save the modification.
6. Close the **begin.inf** file.
7. To verify the installation, see .

A.3 Troubleshooting the Configuration

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When Configuration Fails with Message	Perform these actions
Connecting to device	3. Verify the correct Print Console IP Address. 4. Verify a good Ethernet connection between the Brisque and the Trendsetter (ping the Print Console IP Address). See *Checking the Workstation IP Address* on page 87.
Get data from device	➢ Make sure the Print Console and BrisqueAgent are running. See *Checking if BrisqueAgent is Working in Background* on page 35.
Load SCSI connection parameters	1. Check for proper SCSI cable connection between the Brisque and the Trendsetter. 2. Make sure there are no bent pins in the SCSI cable connectors.

A.3.1 Problem 1:

While saving the configuration, error messages, such as 5408 or 5412, may appear.

Or,

After saving the configuration, the following may be missing:

- Plate Sets in the **Device View** tab **Plate Set** list (for plates)
- Media Sizes in the **Device View** tab **Media Size** list (for proofs).

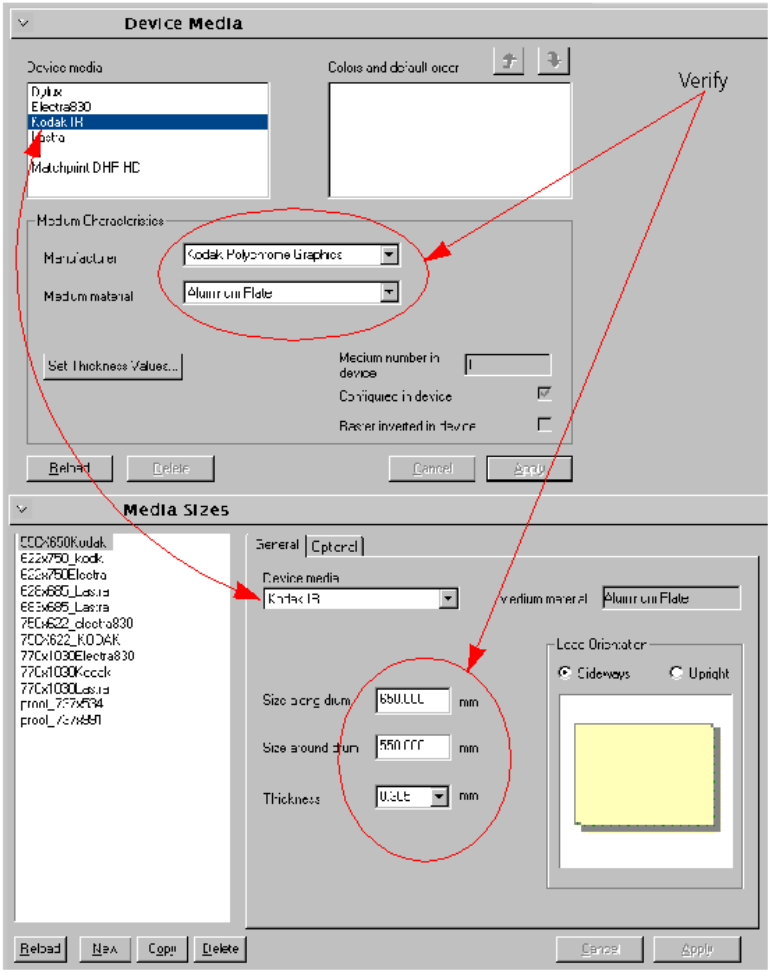
Cause:

The Print Console Media Size configuration may be the cause. When Device Media or Media Sizes are defined in the Print Console (information which is mirrored in the Brisque), information vital to the definitions must be entered. If not, the Brisque ignores specific Plate Sets or Media Sizes and excludes them from the lists on the Brisque configuration View (Plate Set or Media Size lists on the **Media** tab).

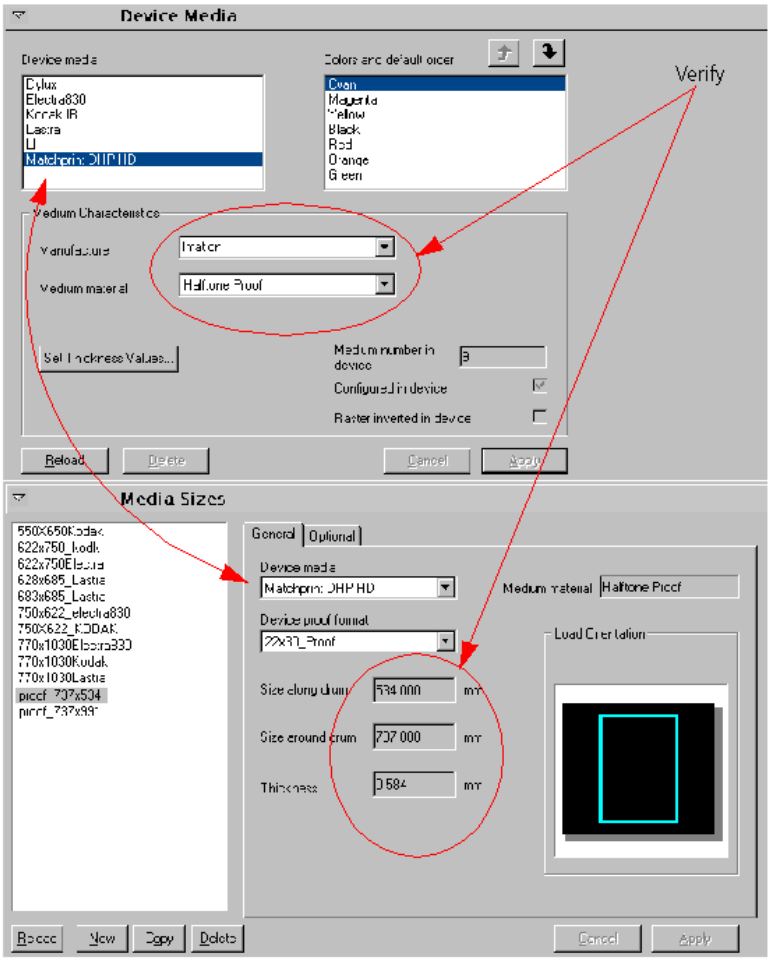
Solution:

When configuring the plate or proof parameters on the Print Console, make sure all the information is selected. do not leave any box without a value or with value **Other**.

For plates:


Device Media
Device media
Colors and default order
Verify
Dylux
Electra830
Kodak IR
Lectra
Matchprint DHF HC
Medium Characteristics
Manufacturer
Kodak Polychrome Graphics
Medium material
Aluminum Plate
Set Thickness Values...
Medium number in device
Configured in device
Raster inverted in device
Reload
Delete
Cancel
Apply
Media Sizes
650x550Kodak
822x750_kodk
822x750Electra
826x685_Lectra
685x685_Lectra
750x622_electra830
750x622_KODAK
770x1030Electra830
770x1030Kodak
770x1030Lectra
proof_737x534
proof_737x951
General
Optional
Device media
Kodak IR
Medium material
Aluminum Plate
Loop Orientation
Sideways
Upright
Size along drum
650.000
mm
Size around drum
550.000
mm
Thickness
0.015
mm
Reload
New
Copy
Delete
Cancel
Apply

For proofs:


Device Media
Device media
Colors are default order
Verify
Medium Characteristics
Manufacturer
Medium material
Halftone Proof
Set Thickness Values...
Medium number in device
Configured in device
Raster inverted in device
Reload
Delete
Cancel
Apply
Media Sizes
General
Optional
Device media
Matchprint: DHP HD
Medium material
Halftone Proof
Device proof format
Load Orientation
Size along drum
Size around drum
737.000
mm
Thickness
0.584
mm
Reset
New
Copy
Delete
Cancel
Apply

A.3.2 Problem 2:

The SCSI driver error message 5175 is displayed during expose.

Cause:

There are three possible reasons why error 5175 is displayed:

- The **platesetter0** driver is not running.
- After the Brisque has booted, you do not modify the Trendsetter/ Spectrum using the Output Device Configuration application.
- There is a problem with a SCSI cable or SCSI interface board.

Solution:

1. Open an AIX terminal.
2. From the command line prompt, type the command:
   `# lsdev -Csscsi`
3. Verify that the Trendsetter device exists in the SCSI device list. This list should display the TrendSetter similarly to the following line:

```
PlateSetter0 Available 10-b0-00-5,0 PlateSetter -
CreoScitex TrendSetter
```

(in certain AIX terminals, `N/A` appears instead)

If the Trendsetter device does not exist, do the following:

1. Close all applications that are using the Trendsetter's diagnostic port (usually Com port 4).
   Examples of these application include: HyperTerminal, ProComm, Splot, and Service Host.
2. Start the BrisqueAgent application.
3. Check the setting of the Com port in the BrisqueAgent using the **Set Diagnostic Port** option.
   See
   See "To set or verify Trendsetter Diagnostic port:" on page 14.
4. Start the Output Device Configuration application.
5. Run **Modify Device** or **New Device.**

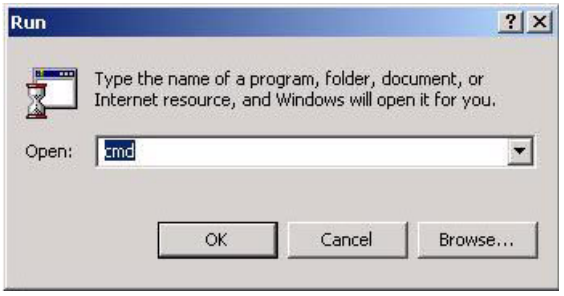
If error message 5175 still displays, do the following:

1. Check that there are no bent pins in the SCSI cable connectors.
2. Replace the SCSI cable.
3. Replace the SCSI Interface board on the Brisque.

A.4 Checking the Workstation IP Address

To check the workstation IP address:

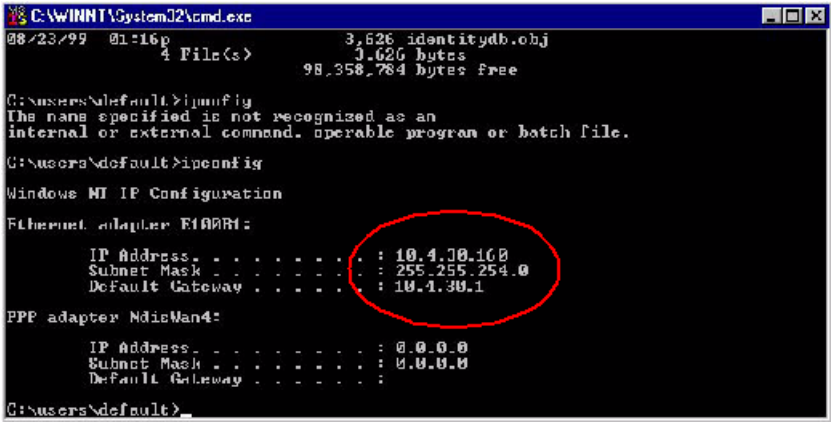
1. From Windows Start menu, select **Run**. The Run window appears.



2. In the **Open** box, type `cmd` and click **OK**.

   The DOS window appears.

3. At the DOS prompt type `ipconfig`. The IP address is displayed.



4. At the DOS prompt, type `exit`, to quit.

A.5 Displaying File Extension

To show file names with extension:

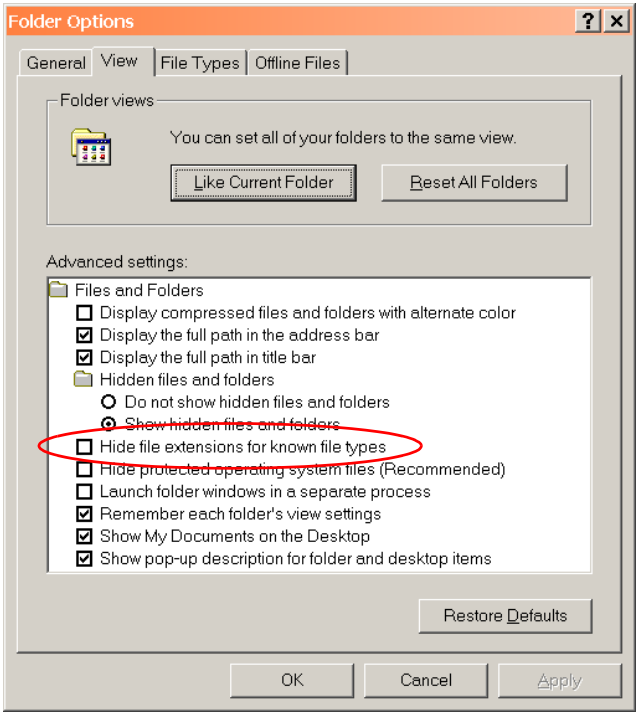
For Window NT platform -

1. From any folder on the desktop, select **Options** from the **View** menu. The Folder options appear.
2. Select the View tab. The folders view window appears.
3. In the View tab select **Hide or Display file extension of all known file types** and click **Apply** or **OK**. The file extensions appear at the end of file names.

For Window 2000 platform -

1. From any folder on the desktop, select **Folder Options** from the **Tools** menu. The Folder options appear.
2. Select the View tab. The folders view window appears.

3. In the View tab, clear **Hide file extension of known file types** from the Advanced setting section and click **Apply** or **OK**.



The file extensions appear at the end of file names.