Installation Guide and Workflows

English

Brisque to Trendsetter and Magnus VLF Direct Connectivity

(Brisque version **5.0**)

731-00404A-EN

www.creo.com

Brisque to Trendsetter and Magnus VLF Direct Connectivity

version 5.0

Installation Guide and Workflows

creo™

Copyright

Copyright © 2005 Creo Inc. All rights reserved.

No copying, distribution, publication, modification, or incorporation of this document, in whole or part, is permitted without the express written permission of Creo. In the event of any permitted copying, distribution, publication, modification, or incorporation of this document, no changes in or deletion of author attribution, trademark legend, or copyright notice shall be made.

No part of this document may be reproduced, stored in a retrieval system, published, used for commercial exploitation, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the express written permission of Creo Inc.

This document is also distributed in Adobe Systems Incorporated's PDF (Portable Document Format). You may reproduce the document from the PDF file for internal use. Copies produced from the PDF file must be reproduced in whole.

Trademarks

The Creo wordmark, Creo logo, and the names of the Creo products and services referred to in this document are trademarks of Creo Inc.

Adobe, Acrobat, Adobe Illustrator, Distiller, Photoshop, PostScript, and PageMaker are trademarks of Adobe Systems Incorporated.

Apple, iMac, Power Macintosh, AppleShare, AppleTalk, TrueType, ImageWriter, and ImageWriter are registered trademarks of Apple Computer, Inc. Macintosh is a trademark of Apple Computer, Inc., registered in the U.S.A. and other countries.

Other brand or product names are the trademarks or registered trademarks of their respective owners.

FCC Compliance

The Creo equipment referred to in this document complies with the requirements in Part 15 of FCC Rules for a Class A computing device. Operation of the Creo equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

Limitation of Liability

The product, software or services are being provided on an “as is” and “as available” basis. Except as may be stated specifically in your contract, Creo Inc. expressly disclaims all warranties of any kind, whether express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose and non-infringement.

You understand and agree that Creo Inc. shall not be liable for any direct, indirect, incidental, special, consequential or exemplary damages, including but not limited to, damages for loss of profits, goodwill, use, data or other intangible losses (even if Creo has been advised of the possibility of such damages), resulting from: (i) the use or the inability to use the product or software; (ii) the cost of procurement of substitute goods and services resulting from any products, goods, data, software, information or services purchased; (iii) unauthorized access to or alteration of your products, software or data; (iv) statements or conduct of any third party; (v) any other matter relating to the product, software, or services.

The text and drawings herein are for illustration and reference only. The specifications on which they are based are subject to change. Creo Inc. may, at any time and without notice, make changes to this document. Creo Inc., for itself and on behalf of its subsidiaries, assumes no liability for technical or editorial errors or omissions made herein, and shall not be liable for incidental, consequential, indirect, or special damages, including, without limitation, loss of use, loss or alteration of data, delays, or lost profits or savings arising from the use of this document.

Patents

This product is covered by one or more of the following U.S. patents:

RE37,376	5,412,737	5,699,174	6,014,471	6,189,452	6,396,422	6,579,660
D478,608	5,420,702	5,699,740	6,016,752	6,191,882	6,407,849	6,587,211
4,558,302	5,420,722	5,708,736	6,043,865	6,204,874	6,409,331	6,589,710
4,743,091	5,459,505	5,713,287	6,060,208	6,205,364	6,414,755	6,590,635
4,992,864	5,473,733	5,742,743	6,063,528	6,208,369	6,422,801	6,593,064
5,049,901	5,481,379	5,764,374	6,063,546	6,214,276	6,425,565	6,601,888
5,113,249	5,488,906	5,771,794	6,072,518	6,217,965	6,430,136	6,605,407
5,132,723	5,508,828	5,785,309	6,090,529	6,252,241	6,435,091	6,609,459
5,155,782	5,509,561	5,802,034	6,093,447	6,252,522	6,441,914	6,611,363
5,157,516	5,517,359	5,813,346	6,096,461	6,255,033	6,443,571	6,618,187
5,177,724	5,519,852	5,818,498	6,098,544	6,260,482	6,450,092	6,628,435
5,208,818	5,576,754	5,854,883	6,107,011	6,266,080	6,456,396	6,632,584
5,208,888	5,579,115	5,861,904	6,112,663	6,266,134	6,471,335	6,637,329
5,247,174	5,583,551	5,861,992	6,115,056	6,267,054	6,476,342	6,637,860
5,249,067	5,592,309	5,875,288	6,116,160	6,268,948	6,476,931	6,640,713
5,283,140	5,594,556	5,894,342	6,121,996	6,270,204	6,477,955	6,641,772
5,291,273	5,600,448	5,900,981	6,130,702	6,283,589	6,493,064	6,641,978
5,305,091	5,608,822	5,934,196	6,134,393	6,295,076	6,494,965	6,646,669
5,323,248	5,615,282	5,946,426	6,136,509	6,299,572	6,503,691	6,648,468
5,325,217	5,625,397	5,947,028	6,137,580	6,318,266	6,509,903	6,652,088
5,339,176	5,625,766	5,958,647	6,147,789	6,328,408	6,511,163	6,654,147
5,343,059	5,636,330	5,966,504	6,158,345	6,336,708	6,520,084	6,660,997
5,355,446	5,649,220	5,969,872	6,159,659	6,340,817	6,530,317	6,661,561
5,359,451	5,650,076	5,973,801	6,164,637	6,352,816	6,541,181	6,665,048
5,359,458	5,652,804	5,986,819	6,165,658	6,353,216	6,544,336	6,665,121
5,367,360	5,680,129	5,995,475	6,180,325	6,366,339	6,545,772	6,670,986
5,384,648	5,691,823	5,996,499	6,181,362	6,371,026	6,550,388	6,684,783
5,384,899	5,691,828	5,998,067	6,181,439	6,377,739	6,564,018	6,704,123
5,412,491	5,696,393	6,003,442	6,186,068	6,387,597	6,567,713	

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: +1.604.451.2700
Fax: +1.604.437.9891

http://www.creo.com

Internal 731-00404A-EN Rev A

Revised February 2005

Contents

1 Introduction 1

1.1 About This Guide ... 2
1.2 Device Platform Overview ... 3
1.3 Additional Documentation ... 4
1.3.1 Brisque Software Documentation ... 4
1.3.2 Learning Guide ... 4
1.3.3 Hardware Documentation ... 5

2 Installation for Brisque to Trendsetter and Magnus VLF with 2 TSPs 7

2.1 Requirements, Supported Devices and Logistics ... 8
2.1.1 Software Requirements ... 8
2.1.2 Hardware Requirements ... 8
2.1.3 Print Console and Output Device Hardware ... 8
2.2 Connecting Brisque to a Trendsetter ... 9
2.2.1 System Data and I/O Transfer ... 9
2.3 Hardware Installation ... 10
2.3.1 Installing Hardware on the 44P-170 Platform ... 10
2.3.2 Installing Hardware on the F50 Platform ... 12
2.3.3 Installing Hardware on the 6F1 Platform ... 15
2.3.4 Installing Hardware on the 6E3 Platform ... 17
2.3.5 Installing Hardware on the 6E4 Platform ... 19
2.4 Software Verification on the Workstation ... 21
2.4.1 Checking if Brisque Agent is Working in Background ... 23

3 Installation for Brisque to Trendsetter and Magnus VLF with 1 TSP 25

3.1 Requirements, Supported Devices and Logistics ... 26
3.1.1 Software Requirements ... 26
3.1.2 Hardware Requirements ... 26
3.1.3 Print Console and Output Device Hardware ... 26
3.2 Connecting Brisque to a Trendsetter ... 27
3.2.1 System Data and I/O Transfer ... 27
3.3 Hardware Installation ... 28
3.3.1 Installing Hardware on the 43P-150 Platform ... 28
3.3.2 Installing Hardware on the 44P-170 Platform ... 30
3.3.3 Installing Hardware on the F50 Platform ... 32
3.3.4 Installing the Hardware on the 6F1 Platform ... 34
3.3.5 Installing Hardware on the 6E3 Platform ... 36
3.3.6 Installing Hardware on the 6E4 Platform ... 38
3.4 Software Verification on the Workstation ... 39
3.4.1 Checking if Brisque Agent is Working in Background ... 41

4 Brisque to Trendsetter MCE Configuration and Workflow 43
4.1 Configuring Trendsetter in Brisque 44
4.2 Brisque to Trendsetter Workflow 45

A Appendix 47
A.1 Installing Brisque Agent on the Windows Workstation 48
A.2 Attaching Brisque Agent to Print Console 49
A.3 Troubleshooting Configuration and Expose 51
A.3.1 Problem 1: 51
A.3.2 Problem 2: 54
A.3.3 Problem 3: 54
A.4 Checking the Workstation IP Address 55
A.5 Displaying File Extension 56
A.6 Connecting TSP Cable to Trendsetter MCE 58
A.7 Connecting TSP Cable to Magnus VLF 59

1 Introduction

About This Guide 2
Device Platform Overview 3
Additional Documentation 4

1.1 About This Guide

This guide is intended for anyone who is involved in installing hardware and software to enable connectivity between Brisque and Trendsetter/ Magnus VLF platesetter. This guide is relevant to the following platesetters:

- Trendsetter MCE (S, F and V speeds)
- Trendsetter NEWS 50, 50c, 70, 70C, 100, 100c and 150 models
- Magnus VLF (S and F speed)

To use this guide, you should:

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

This installation guide includes the following topics:

- Installation for Brisque to Trendsetter with 2 TSP/TSP_U boards (see *Installation for Brisque to Trendsetter and Magnus VLF with 2 TSPs* on page 7)
- Installation for Brisque to Trendsetter with one TSP/TSP_U board (see *Installation for Brisque to Trendsetter and Magnus VLF with 1 TSP* on page 25)
- Trendsetter configuration and workflow for Brisque-to-Trendsetter direct connectivity (see *Brisque to Trendsetter MCE Configuration and Workflow* on page 43)
- Troubleshooting (see *Appendix* on page 47)

1.2 Device Platform Overview

Brisque Version 5.0 provides direct connection to the Creo Trendsetter family and Magnus VLF platesetters via a dedicated TSP cable. The table below lists the Brisque platforms and the number of TSP/TSP_U boards (1 or 2), for a specific platesetter.

	Brisque Platform					
Platesetter model	43P-150	44P-170	6F1	F50	6E3	6E4
Trendsetter 400/ 800 Quantum S speed Proofsetter Spectrum Trendsetter VLF family S & F speed Trendsetter 800/ 400 II Quantum S & F speed	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U
Trendsetter 400 Quantum V speed	not applicable	2xTSP / TSP_U	2xTSP / TSP_U	2xTSP / TSP_U	2xTSP_U	2xTSP_U
Trendsetter 800 II Quantum V speed Trendsetter VLF family V speed	not applicable	not applicable	2xTSP / TSP_U	2xTSP / TSP_U	2xTSP_U	2xTSP_U
Magnus VLF S speed	not applicable	not applicable	1xTSP / TSP_U	not applicable	1xTSP_U	1xTSP_U
Magnus VLF F speed	not applicable	not applicable	2xTSP / TSP_U	not applicable	2xTSP_U	2xTSP_U

The PlateExp application on Brisque version 5.0 receives Brisque Jobs and sends them to be exposed on the Trendsetter or Magnus VLF 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 directly from the Brisque.

1.3 Additional Documentation

1.3.1 Brisque Software Documentation

- **Brisque 5.0 Online Help** (Inherent to the Brisque 5.0 application)
- **Brisque 5.0 What's New (653-00582A)**
- **Brisque 5.0 What's New Supplement (739-00096A)**

1.3.2 Learning Guide

Brisque to Platesetter Connectivity for Brisque Version 5 Learning Guide (653-00762A)
Contains detailed configuration and workflow procedures for Brisque to Trendsetter connectivity. Specific references to this Learning Guide are provided in Chapter 4 *Brisque to Trendsetter MCE Configuration and Workflow* on page 43.

1.3.3 Hardware Documentation

- **43P-150 Installation Guide (399Z51279B)**
  Contains installation and operation procedures for the 43P-150 platform.
- **44P-170 Installation Guide (399Z1R165B)**
  Contains installation and operation procedures for the 44P-170 platform.
- **F50 Installation Guide (399Z51293B)**
  Contains installation and operation procedures for the F50 platform.
- **6F1 Installation Guide (399Z1R166B)**
  Contains installation and operation procedures for the 6F1 platform.
- **6E3 Installation Guide (719-00158A)**
  Contains installation and operation procedures for the 6E3 platform.
- **6E4 Installation Guide (653-00558A)**
  Contains installation and operation procedures for the 6E4 platform.
- **TSP/TSP_U Installation Guide (653-00766A)**
  Describes the TSP configurations installing procedures depending on your output device and Brisque platform.

2

Installation for Brisque to Trendsetter and Magnus VLF with 2 TSPs

Requirements, Supported Devices and Logistics....8
Connecting Brisque to a Trendsetter....9
Hardware Installation....10
Installing Hardware on the 44P-170 Platform....10
Installing Hardware on the F50 Platform....12
Installing Hardware on the 6F1 Platform....15
Installing Hardware on the 6E3 Platform....17
Installing Hardware on the 6E4 Platform....19
Software Verification on the Workstation....21

2.1 Requirements, Supported Devices and Logistics

2.1.1 Software Requirements

- Brisque Software version 5.0
- For Trendsetter: Brisque Agent (GDAPI Server) 1.00.053 or later
  For Magnus VLF: Brisque Agent (GDAPI Server) 1.00.054 or later
- Print Console Software version 3.4.06 or later

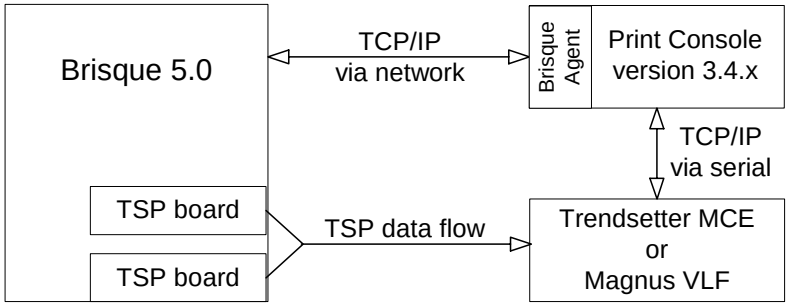
2.1.2 Hardware Requirements

- Brisque with at least three (3) free slots (44P-170, F50, 6F1, 6E3, or 6E4 platform).
- Connectivity kits containing the following:
  - 2 x TurboScreen Processor (TSP/TSP_U) board
  - Rotation2 board (510K1N51962A - 128MB) (not supplied with Trendsetter 400 kits, and with 6E3 and 6E4 platforms)
  - TSP cable (199D20022)
  - Brisque Agent documentation CD (510V3R333B)

2.1.3 Print Console and Output Device Hardware

- Print Console workstation with Intel processor
- Trendsetter 800 II Quantum V speed models
- Trendsetter 400 II Quantum V speed model
- Trendsetter 800 II V speed models
- Trendsetter 400 II V speed models
- Trendsetter NEWS models 70c and 100c
- Magnus VLF F speed model

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 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 TSP cable.

2.3 Hardware Installation

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

- 44P-170
- F50
- 6F1
- 6E3
- 6E4



Note: Platforms E30 and 43P-150 are not supported.

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

- 2 TSP/TSP_U boards
- TSP cable
- A Rotation board (not supplied with Trendsetter 400, and with 6E3 and 6E4 Brisque platforms).



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

2.3.1 Installing Hardware on the 44P-170 Platform

1. Shut down the device.
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.

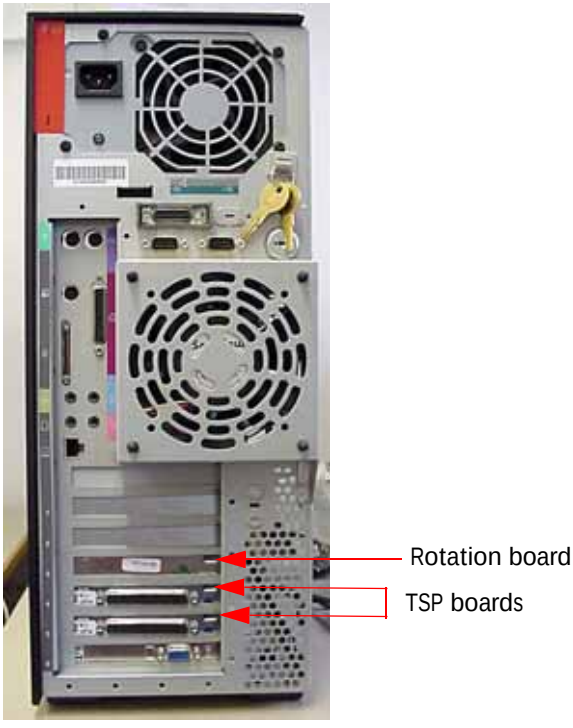


Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

6. Insert one TSP/TSP_U board in slot 4, and the second TSP/TSP_U board in slot 5.
7. Insert Rotation2 board (510K51962A - 128 MB) in slot 3.

Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the 44P-170 platform:



8. Replace computer cover.
9. Connecting TSP cable to Brisque: connect one 72-pin end of the TSP cable (199D20022) that is labelled TSP1 to slot 4, and connect the other 72-pin end of the cable that is labelled TSP2 to slot 5.
10. Make sure that the TSP cable is connected to the device.

Note: If the TSP cable is not connected to your device, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.



Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `root` with your password.
14. To check whether the slot configuration is correct:
    a. From Brisque, at the command line prompt, use the **lsdev -Cspci** command to verify that nsp0 is located in slot 4 (slot ID 10-70) and nsp1 is located in slot 5 (slot ID 10-78).
    or,
    Run **SciSmit > Information > Platform Information**, and scroll downwards to see the results.
    b. If nsp0 is located in slot 5 and nsp1 is located in slot 4, then type the following commands to correct the slot driver assignments:
    rmdev -l nsp0 -d and press ENTER
    rmdev -l nsp1 -d and press ENTER
    cfgmgr and press ENTER



WARNING: If you do not follow the above procedure and do not connect the TSP connectors to the correct TSP/TSP_U boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

2.3.2 Installing Hardware on the F50 Platform

1. Shut down the device.
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, and 8.



Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

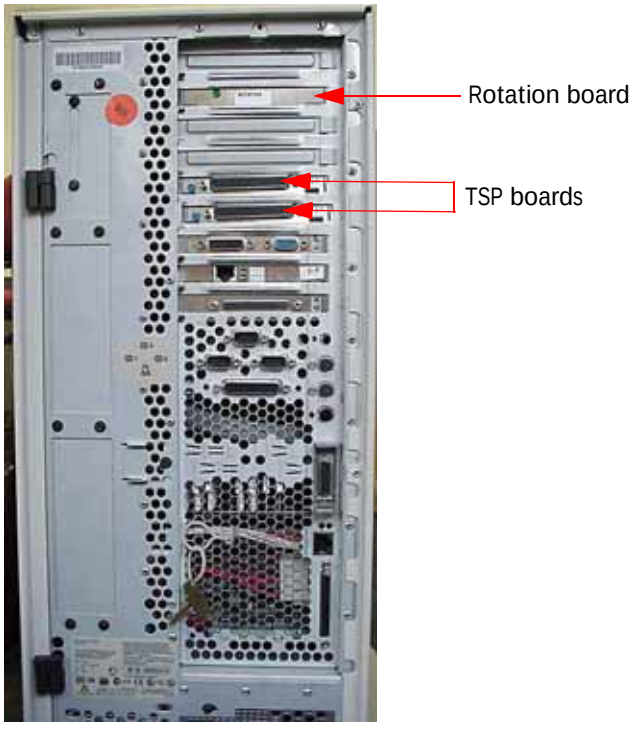
6. Insert one TSP/TSP_U board in slot 5, and the second TSP/TSP_U board in slot 6.

7. Insert Rotation2 board (510K51962A - 128MB) in slot 8.



Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the F50 platform.



8. Replace computer cover.
9. Connecting TSP cable to Brisque: connect one 72-pin end of the TSP cable (199D20022) that is labelled TSP1 to slot 5, and connect the other 72-pin end of the cable that is labelled TSP2 to slot 6
10. Make sure that the TSP cable is connected to the device.

Note: If the TSP cable is not connected to your device, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.

Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `root` with your password.

14. To check whether the slot configuration is correct:

    a. From Brisque, at the command line prompt, use the **lsdev -Cspci** command to verify that nsp0 is located in slot 5 (slot ID 10-78) and nsp1 is located in slot 6 (slot ID 30-60).
    or,
    Run **SciSmit > Information > Platform Information**, and scroll downwards to see the results.

    b. If nsp0 is located in slot 5 and nsp1 is located in slot 6, then type the following commands to correct the slot driver assignments:
    rmdev -l nsp0 -d and press ENTER
    rmdev -l nsp1 -d and press ENTER
    cfgmgr and press ENTER**.**



WARNING: If you do not follow the above procedure and do not connect the TSP connectors to the correct TSP/TSP_U boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

2.3.3 Installing Hardware on the 6F1 Platform

1. Shut down the device.
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.



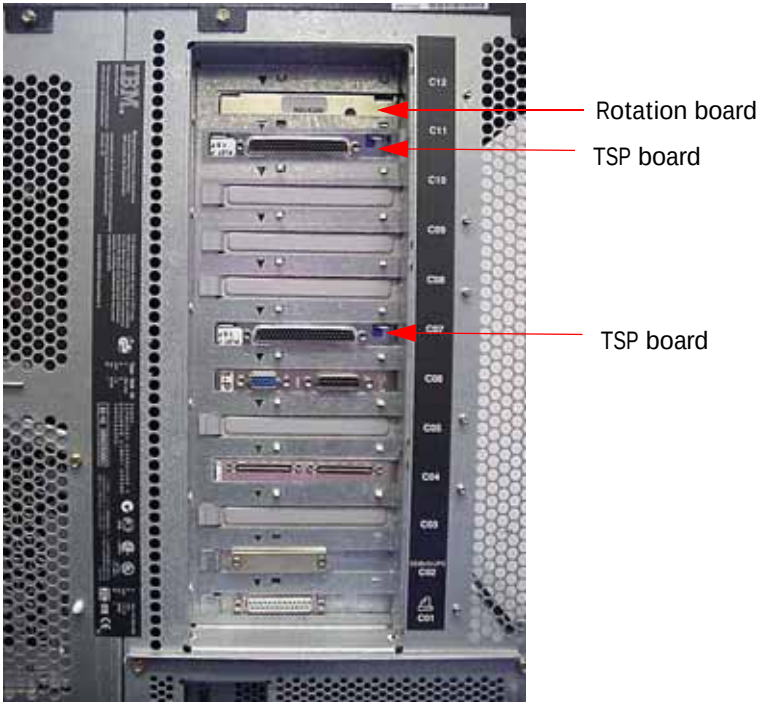
Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

6. Insert one TSP/TSP_U board in slot 7, and the second TSP/TSP_U board in slot 11.
7. Insert Rotation2 board (510K51962A - 128MB) in slot 12.



Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the 6F1 platform.



8. Replace computer cover.
9. Connecting TSP cable to Brisque: connect one 72-pin end of the TSP cable (199D20022) that is labelled TSP1 to slot 7, and connect the other 72-pin end of the cable that is labelled TSP2 to slot 11.
10. Make sure that the TSP cable to the device.

Note: If the TSP cable is not connected to your device, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.

Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `root` with your password.

14. To check whether the slot configuration is correct:

    a. From Brisque, at the command line prompt, use the **lsdev -Cspci** command to verify that nsp0 is located in slot 7 (slot ID 2A-08) and nsp1 is located in slot 11 (slot ID 34-08).
    or,
    Run **SciSmit > Information > Platform Information**, and scroll downwards to see the results.

    b. If nsp0 is located in slot 11 and nsp1 is located in slot 7, then type the following commands to correct the slot driver assignments:
    rmdev -l nsp0 -d and press ENTER
    rmdev -l nsp1 -d and press ENTER
    cfgmgr and press ENTER**.**



WARNING: If you do not follow the above procedure and do not connect the TSP connectors to the correct TSP/TSP_U boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

2.3.4 Installing Hardware on the 6E3 Platform



Note: Although only TSP_U boards can be installed in the 6E3, the term TSP will be used.

1. Shut down the device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove the computer covers (refer to *IBM 6E3 Service Guide, SA38-0630-02, Chapter 9*).
5. Remove the expansion slot cover from slots 4 and 5.
6. Install one TSP_U board in slot 4, and the second TSP_U board in slot 5.

The following figure shows a rear view of the 6E3 platform.



7. Ensure that the boards are firmly fitted into the slots.
8. Replace the computer covers.
9. Reconnect the Brisque power cord.
10. Power on the device.
11. Power on the Brisque.
12. Log in as `root` with your password.
13. To check if the slot configuration is correct and if the TSP/TSP_U board is recognized:
    a. From Brisque, at the command line prompt, use the **lsdev -Cspci** command to verify that nsp0 is located in slot 5 (slot ID 1H-08) and nsp1 is located in slot 4 (slot ID 1N-08) and available, or,

Run the **Scismit** program from the AIX terminal or the Brisque application. Select **Information > Platform Information**, and scroll down to see the results.

b. If nsp0 is located in slot 4 and nsp1 is located in slot 5, type the following commands to correct the slot driver assignments:
rmdev -l nsp0 -d and press ENTER
rmdev -l nsp1 -d and press ENTER
cfgmgr and press ENTER**.**



WARNING: If you do not follow the above procedure and do not connect the TSP connectors to the correct TSP/TSP_U boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

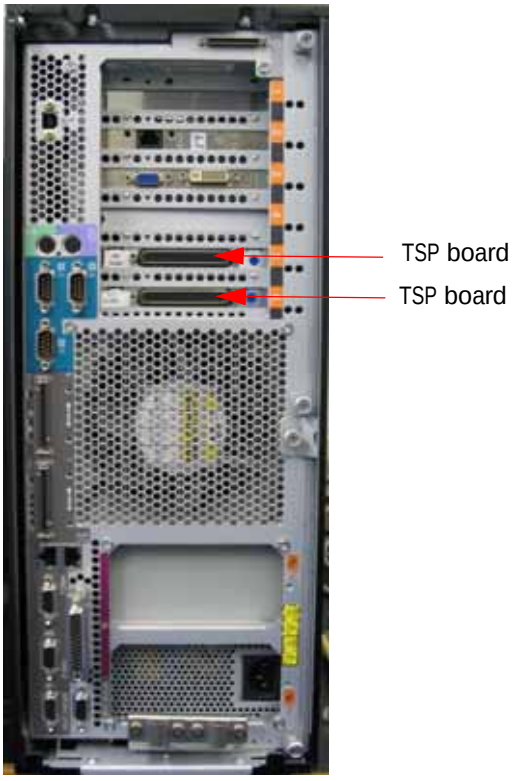
2.3.5 Installing Hardware on the 6E4 Platform



Note: Although only TSP_U boards can be installed in the 6E4, the term TSP will be used.

1. Shut down the device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the Brisque power cable.
4. Remove the computer covers (refer to the *IBM 6E4 Service Guide, Chapter 9*).
5. Remove the expansion slot cover from slots 5 and 6.
6. Install the first TSP_U board in slot 6, and the second TSP_U board in slot 5.

The following figure shows a rear view of the 6E4 platform.



7. Ensure that the boards are firmly fitted into the slots.
8. Replace the computer covers.
9. Reconnect the Brisque power cable.
10. Power on the device.
11. Power on the Brisque.
12. Log in as `root` with your password.
13. To check if the slot configuration is correct and if the TSP/TSP_U board is recognized:
    a. From Brisque, at the command line prompt, use the **lsdev -Cspci** command to verify that nsp0 is located in slot 6 (slot ID 11-08) and nsp1 is located in slot 5 (slot ID 1D-08) and available,
    or,

Run the **Scismit** program from the AIX terminal or the Brisque application. Select **Information > Platform Information**, and scroll down to see the results.

b. If nsp0 is located in slot 5 and nsp1 is located in slot 6, then type the following commands to correct the slot driver assignments:
rmdev -l nsp0 -d and press ENTER
rmdev -l nsp1 -d and press ENTER
cfgmgr and press ENTER**.**

WARNING: If you do not follow the above procedure and do not connect the TSP connectors to the correct TSP/TSP_U boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

2.4 Software Verification on the Workstation

The following software should be installed on your workstation:

- Windows 2000
- Print Console version 3.4.06 or later
- Brisque Agent 1.00.053 for all Trendsetters, except Magnus VLF and Trendsetter Continuous Load that require Brisque Agent 1.00.054.

To verify the workstation software:

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



To verify the Brisque Agent version:

1. In the Windows task bar, right-click the **Creo** icon and select **About Brisque Agent**.
2. Make sure that Brisque Agent 1.00.053 or 1.00.054 is displayed, (the required version depends on your device as mentioned at the top of this page).



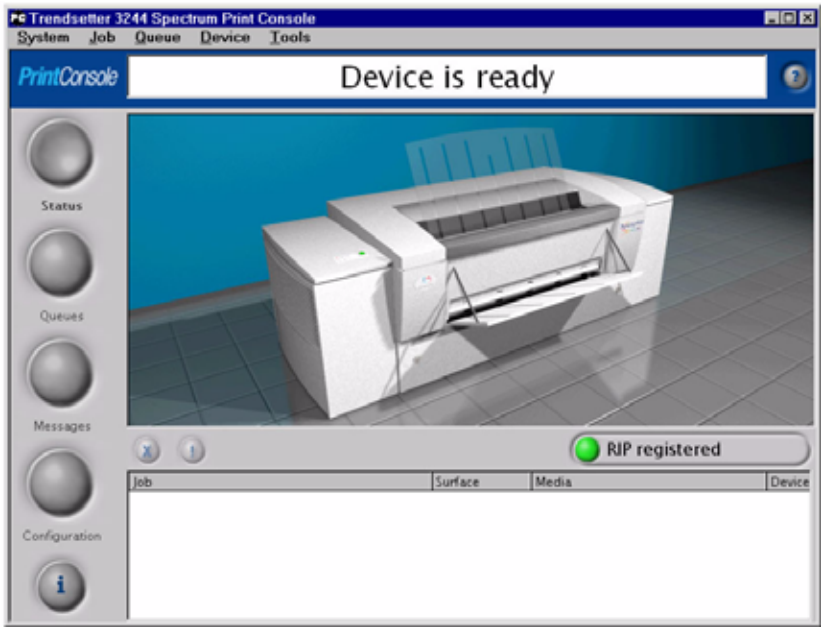
Note: If the Brisque Agent icon is not displayed in the Windows task bar, or if the Brisque Agent version is not the version required for your device, refer to *Installing Brisque Agent on the Windows Workstation* on page 48 and *Attaching Brisque Agent to Print Console* on page 49.

To verify 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 3.4.06 or later is displayed.

2.4.1 Checking if Brisque Agent is Working in Background

To check if the Brisque Agent is enabled on the Print Console, click **Rip Registered** on the Print Console.



The RIP Connection Status window is displayed, listing the Brisque Agent and a **green** light to its left.

3

Installation for Brisque to Trendsetter and Magnus VLF with 1 TSP

Requirements, Supported Devices and Logistics....26
Connecting Brisque to a Trendsetter....27
Installing Hardware on the 43P-150 Platform....28
Installing Hardware on the 44P-170 Platform....30
Installing Hardware on the F50 Platform....32
Installing the Hardware on the 6F1 Platform....34
Installing Hardware on the 6E3 Platform....36
Installing Hardware on the 6E4 Platform....38
Software Verification on the Workstation....39

3.1 Requirements, Supported Devices and Logistics

3.1.1 Software Requirements

- Brisque Software version 5.0
- For Trendsetter: Brisque Agent (GDAPI Server) 1.00.053 or later
  For Magnus VLF: Brisque Agent (GDAPI Server) 1.00.054 or later
- Print Console Software version 3.4.06 or later

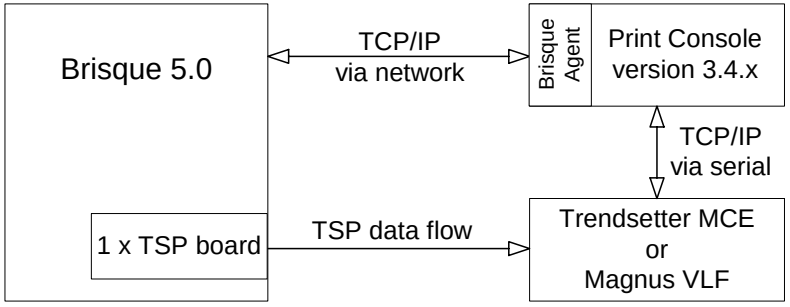
3.1.2 Hardware Requirements

- Brisque with at least two (2) free slots (44P-170, F50, 6F1, 6E3, or 6E4 platform).
- Connectivity kits containing the following:
  - 1 x TurboScreen Processor (TSP/TSP_U) board
  - Rotation2 board (510K1N51962A - 128MB) (not supplied with Trendsetter 400 kits, and with 6E3 and 6E4 platforms)
  - TSP cable (199D20025A)
  - Brisque Agent documentation CD (510V3R333B)

3.1.3 Print Console and Output Device Hardware

- Print Console workstation with Intel processor
- Trendsetter 800 II Quantum S and F speed models
- Trendsetter 400 II Quantum S and F speed model
- Trendsetter 800 II S and F speed models
- Trendsetter 400 II S and F speed models
- Trendsetter NEWS models 50, 50c, 70, 100, and 150
- Magnus VLF S speed model

3.2 Connecting Brisque to a Trendsetter



3.2.1 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 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 TSP cable.

3.3 Hardware Installation

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

- 43P-150
- 44P-170
- F50
- 6F1
- 6E3
- 6E4



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

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

- TSP/TSP_U board
- TSP cable (199D20025A)
- Rotation board (not supported with Trendsetter 400 kits, and with 6E3 and 6E4 Brisque platforms)



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

3.3.1 Installing Hardware on the 43P-150 Platform

1. Shut down the device.
2. Shut down 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 and 4.

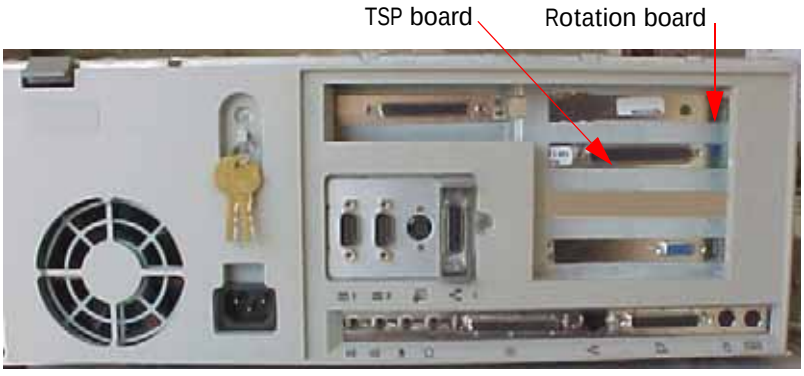
6. Insert TSP/TSP_U board in slot 3.

Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

7. Insert Rotation2 board (510K51962A - 128MB) in slot 4.

Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the 43P-150 platform:



8. Replace the computer cover.
9. Connecting TSP cable to Brisque: connect the 72-pin end of the TSP cable (199D20025A) to the TSP/TSP_U board in slot 3.
10. Make sure that the TSP cable is connected to the device.

Note: The TSP cable should be connected to your device. If not, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.

Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `cdesci` to start the Brisque application.

14. To check if the TSP/TSP_U board is recognized:
    Open AIX terminal, and at the command line prompt, type **lsdev -Cspci** to verify that nsp0 located at slot 3 (slot ID 10-90) is in available status.

3.3.2 Installing Hardware on the 44P-170 Platform

1. Shut down the device.
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 and 4.



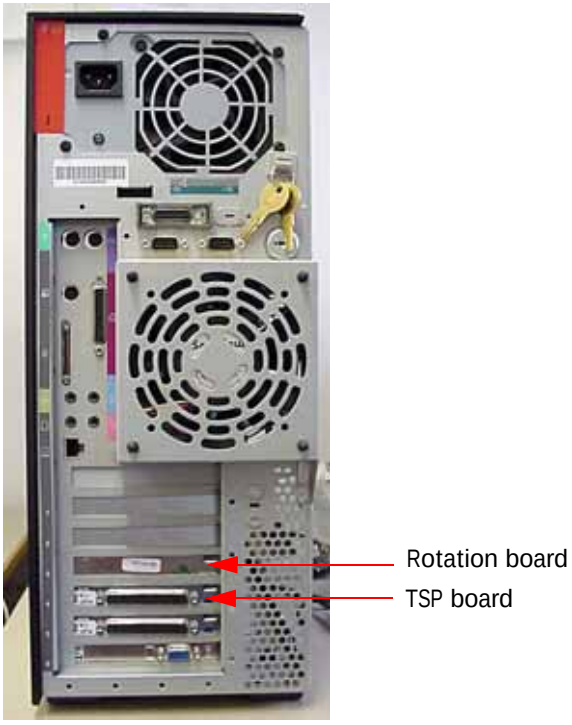
Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

6. Insert TSP/TSP_U board in slot 4.
7. Insert Rotation2 board (510K51962A - 128MB) in slot 3.



Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the 44P-170 platform:



8. Replace computer cover.
9. Connect the TSP cable to the Brisque: connect the 72-pin end of the TSP cable (199D20025A) to the TSP/TSP_U board in slot 4.
10. Make sure that the TSP cable is connected to the device.

Note: The TSP cable should be connected to your device. If not, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.

Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `dcesci` to start the Brisque application.

14. To check if the TSP/TSP_U board is recognized:
    Open AIX terminal, and at the command line prompt, type **lsdev -Cspci** to verify that nsp0 located in slot 4 (slot ID 10-70) is in available status.

3.3.3 Installing Hardware on the F50 Platform

1. Shut down the device
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 and 8.



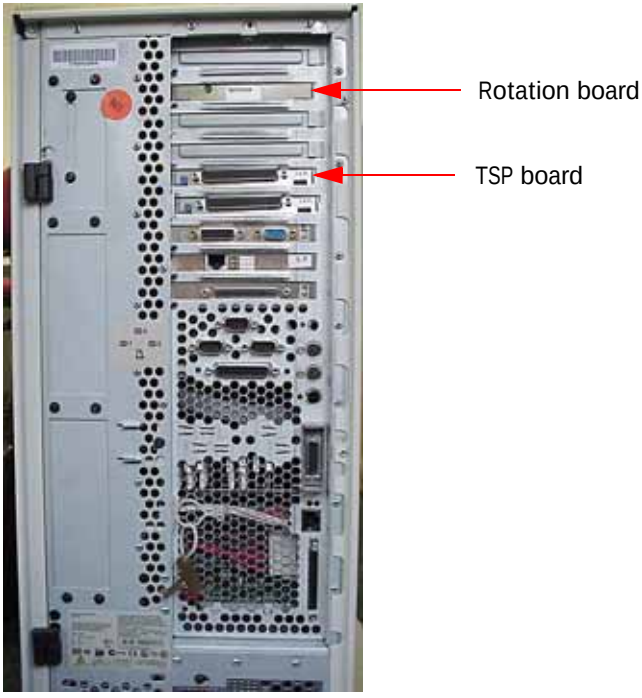
Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

6. Insert TSP/TSP_U board in slot 5.
7. Insert Rotation2 board (510K51962A - 128MB) in slot 8.



Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the F50 platform.



8. Replace computer cover.
9. Connect the TSP cable to the Brisque: connect the 72-pin end of the TSP cable (199D20025A) to the TSP/TSP_U board in slot 5.
10. Make sure that the TSP cable is connected to the device.

Note: The TSP cable should be connected to your device. If not, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.

Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `dcesci` to start the Brisque application.

14. To check if the TSP/TSP_U board is recognized:
    Open AIX terminal, and at the command line , type
    lsdev -Cspci to verify that nsp0 located in slot 5 (slot ID 10-78) is in available status.

3.3.4 Installing the Hardware on the 6F1 Platform

1. Shut down the device.
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 and 12.



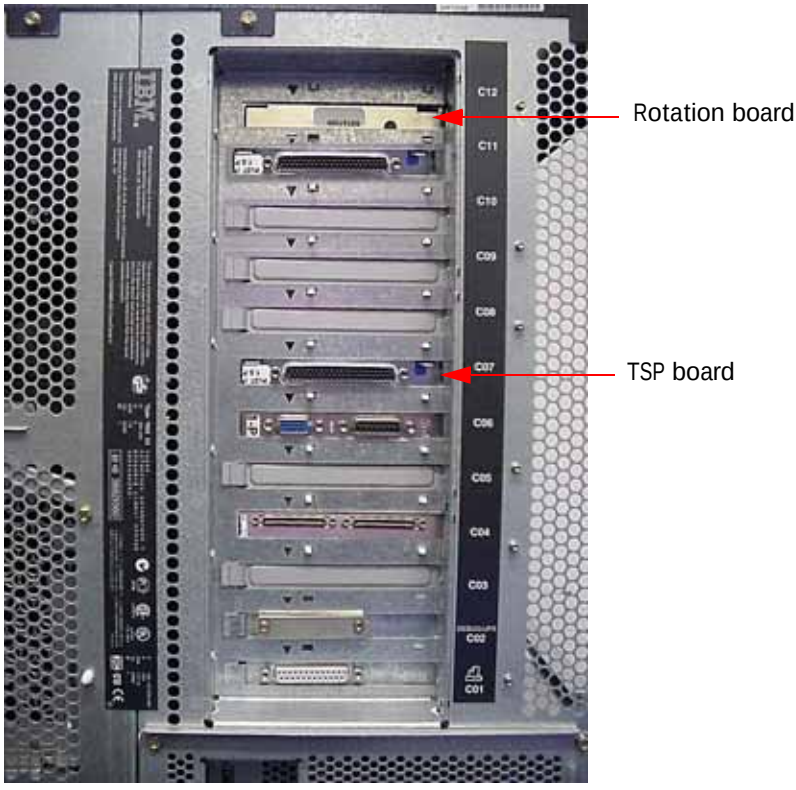
Note: TSP and Rotation kits contain brackets. Mount the brackets on the boards before inserting boards in slots.

6. Insert TSP/TSP_U board in slot 7.
7. Insert Rotation2 board (510K51962A - 128MB) in slot 12.



Note: The Rotation board is not supplied with Trendsetter 400 kits, and with Brisque platforms 6E3 and 6E4.

The following figure shows a rear view of the 6F1 platform:



8. Replace computer cover.
9. Connect the TSP cable to the Brisque: connect the 72-pin end of the TSP cable (199D20025A) to the TSP/TSP_U board in slot 7.
10. Make sure that the TSP cable is connected to the device.

Note: The TSP cable should be connected to your device, refer to *Connecting TSP Cable to Trendsetter MCE* on page 58 or *Connecting TSP Cable to Magnus VLF* on page 59.

Important: The distance between the Brisque and the device should be a maximum of 30 meters. A 30 meter cable is supplied with the installation kit.

11. Power on the device.
12. Power on the Brisque.
13. Log in as `dcesci` to start the Brisque application.

14. To check if the TSP/TSP_U board is recognized:
    Open AIX terminal, and at the command line prompt, type **lsdev -Cspci** to verify that nsp0 located in slot 7 (slot ID 2A-08) is in available status.

3.3.5 Installing Hardware on the 6E3 Platform



Note: Although only TSP_U boards can be installed in the 6E3, the term TSP will be used.

1. Shut down the device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove the computer covers (refer to *IBM 6E3 Service Guide, SA38-0630-02, Chapter 9*).
5. Remove the expansion slot cover from slot 5.
6. Install the TSP_U board in slot 5.

The following figure shows a rear view of the 6E3.



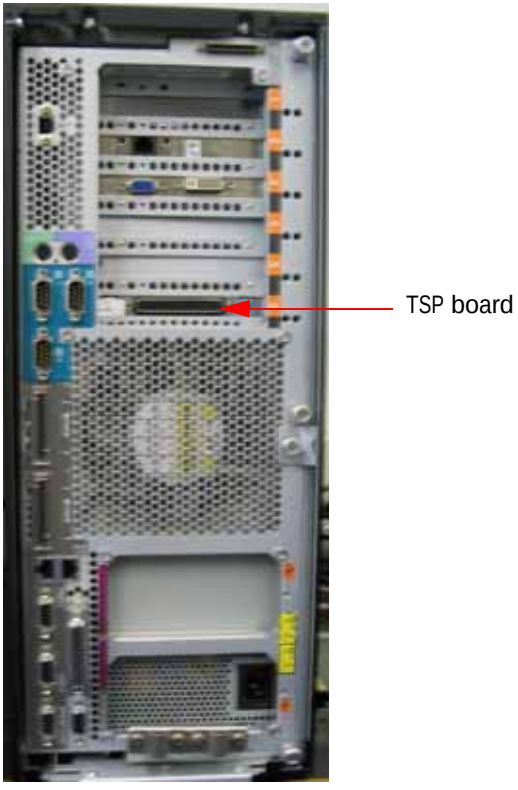
7. Ensure that the board is firmly fitted into the slot.
8. Replace the computer covers.
9. Reconnect the Brisque power cord.
10. Power on the device.
11. Power on the Brisque.
12. Log in as `dcesci` to start the Brisque application.
13. To check if the TSP_U board is recognized:
    Open AIX terminal, and at the command line prompt, type **lsdev -Cspci** to verify that nsp0 located in slot 5 (slot ID 1H-08) is in available status.

3.3.6 Installing Hardware on the 6E4 Platform

Note: Although only TSP_U boards can be installed in the 6E4, the term TSP will be used.

1. Shut down the device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the power cable.
4. Remove the computer covers (refer to the *IBM 6E4 Service Guide, Chapter 9*).
5. Remove the expansion slot cover from slot 6.
6. Install the TSP_U board in slot 6.

The following figure shows a rear view of the 6E4.



7. Ensure that the board is firmly fitted into the slot.

8. Replace the computer covers.
9. Reconnect the power cable.
10. Power on the device.
11. Power on the Brisque.
12. Log in as `dcesci` to start the Brisque application.
13. To check if the TSP_U board is recognized:
    Open AIX terminal, and at the command line prompt, type **lsdev -Cspci** to verify that nsp0 located in slot 6 (slot ID 1H-08) is in available status.

3.4 Software Verification on the Workstation

The following software should be installed on your workstation:

- Windows 2000
- Print Console version 3.4.06 or later
- Brisque Agent 1.00.053 for all Trendsetters, except Magnus VLF and Trendsetter Continuous Load that require Brisque Agent 1.00.054

To verify the workstation software:

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



To verify the Brisque Agent version:

1. In the Windows task bar, right-click the **Creo** icon and select **About Brisque Agent**.
2. Make sure that Brisque Agent 1.00.053 or 1.00.054 is displayed, (the required version depends on your device as mentioned at the top of this page).



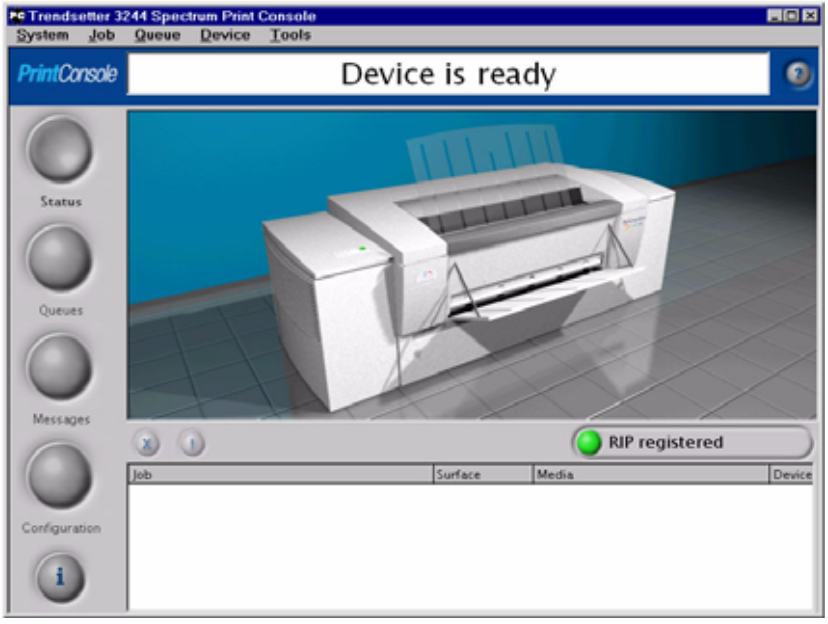
Note: If the Brisque Agent icon is not displayed in the Windows task bar, or if the Brisque Agent version is not the version required for your device, refer to *Installing Brisque Agent on the Windows Workstation* on page 48 and *Attaching Brisque Agent to Print Console* on page 49.

To verify 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 3.4.06 or later is displayed.

3.4.1 Checking if Brisque Agent is Working in Background

To check if the Brisque Agent is enabled on the Print Console, click **Rip Registered** on the Print Console.



The RIP Connection Status window is displayed, listing the Brisque Agent and a **green** light to its left.

4

Brisque to Trendsetter MCE Configuration and Workflow

Configuring Trendsetter in Brisque 44
Brisque to Trendsetter Workflow 45

4.1 Configuring Trendsetter in Brisque

After installing the TSP/TSP_U board(s) in your Trendsetter, and verifying that the necessary software is installed on your workstation (as explained in Chapters 2 and 3), you should perform the necessary configuration procedures. These are described in the *Brisque to Platesetter Connectivity For Brisque Version 5 Learning Guide* (part number 653-00762), which is posted on TechPlanet on the *Brisque 5* site, under *Reference > Training*.

For detailed configuration procedures, refer to the sections below of the *Brisque to Platesetter Connectivity For Brisque Version 5 Learning Guide*:



Note: The referenes and links below are to the English version of the *Brisque to Platesetter Connectivity For Brisque Version 5 Learning Guide*. This guide is also available in other languages, posted on the same TechPlanet page as the English.

Configure media in the Print Console software:

Refer to *Lesson 3 of Module 2 on page 25*

Configuring Trendsetter in Brisque:

Refer to L*esson 1 of Module 3 on page 34*

Creating Press Formats:

Refer to *Lesson 2 of Module 3 on page 41*

4.2 Brisque to Trendsetter Workflow

For all Trendsetters, the PlateExp workflow is used to expose plates from the Brisque to a Trendsetter platesetter. This workflow is described in detail in the *Brisque to Platesetter Connectivity For Brisque Version 5 Learning Guide*, mentioned in the previous section. For detailed workflow procedures, refer to the sections below of this learning guide.

Set the Plate Expose Parameters, including working with templates and exposing an imposition job:

Refer to *Lesson 1 of Module 4 on page 48*.

Monitoring production, including the Queue Manager:

Refer to *Lesson 2 of Module 4 on page 63*.

A

Appendix

Installing Brisque Agent on the Windows Workstation 48
Attaching Brisque Agent to Print Console 49
Troubleshooting Configuration and Expose 51
Checking the Workstation IP Address.....55
Displaying File Extension 56
Connecting TSP Cable to Trendsetter MCE.....58
Connecting TSP Cable to Magnus VLF.....59

A.1 Installing Brisque Agent on the Windows Workstation

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



Important:

- You must install Brisque Agent 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 Brisque Agent.
- The workstation login user must have administrator privileges.

To install Brisque Agent on the Windows workstation:

1. 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 Device Software CD in the CD drive.
4. From the CD, open the **Brisque Agent** 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 Brisque Agent to Print Console

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

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

To attach Brisque Agent 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 *Software Verification on the Workstation* on page 21, or *Software Verification on the Workstation* on page 39.

A.3 Troubleshooting Configuration and Expose

.

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 55.
Get data from device	➢ Make sure the Print Console and Brisque Agent are running. See *Checking if Brisque Agent is Working in Background* on page 23.

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).

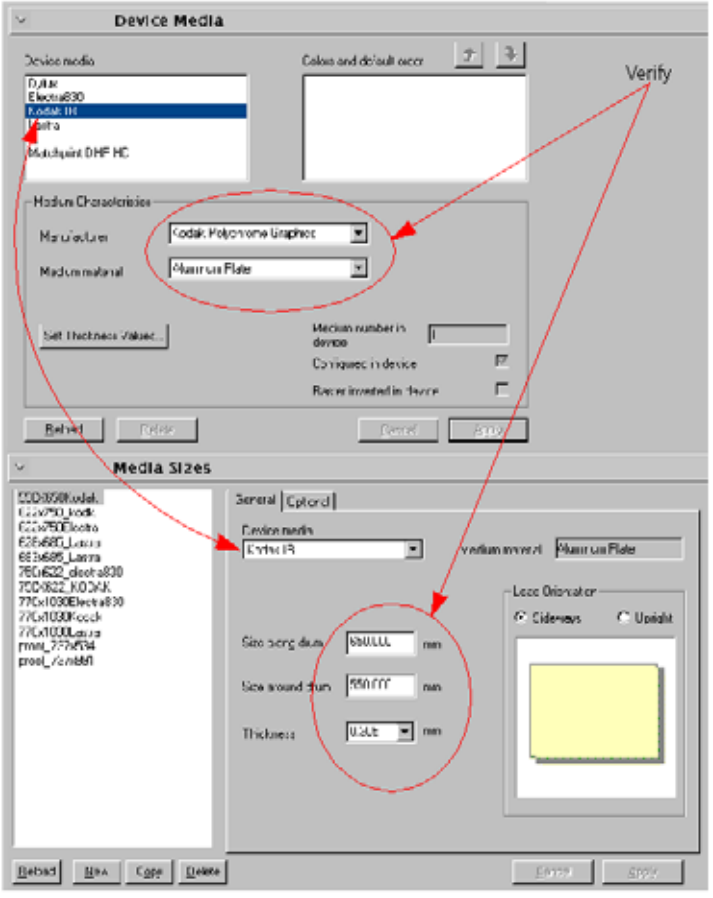
Cause:

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).

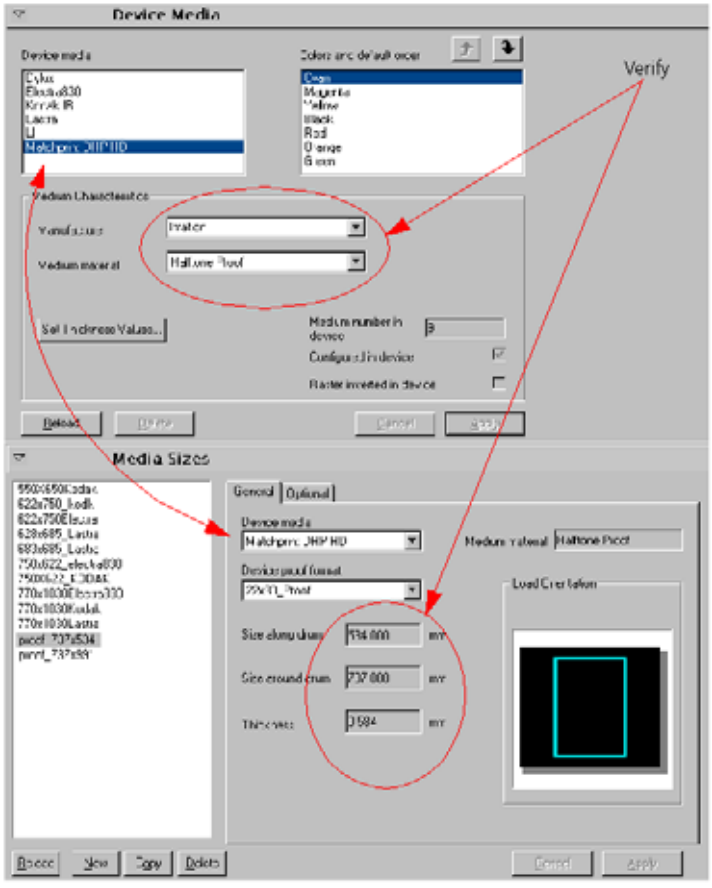
Solution:

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:



For proofs:



A.3.2 Problem 2:

The Brisque sends a job to expose, the plate is loaded on the drum, and the Print Console displays the following message: “Waiting for SCSI data.”

Cause:

The Print Console version may not support the TSP cable connection.

Solution:

Verify that the Print Console version is 3.4.06 or later.

A.3.3 Problem 3:

The Brisque sends a job to expose, the plate is loaded on the drum, and the Print Console displays the following message: “Data channel not detected.”

Cause:

A possible problem with the TSP cable or the TSP cable connection between the Brisque and the Trendsetter.

Solution:

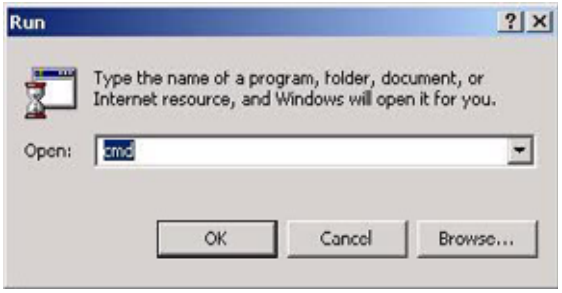
Do the following:

- Verify the TSP cable connection, as described in section A-6, Connecting the TSP cable to the Trendsetter.
- According to your platform type, verify the hardware installation on your platform. Refer to the guidelines described in *Chapter 1, Introduction*, and then locate the specific instructions for your platform in Chapters 2 and 3 of this guide.

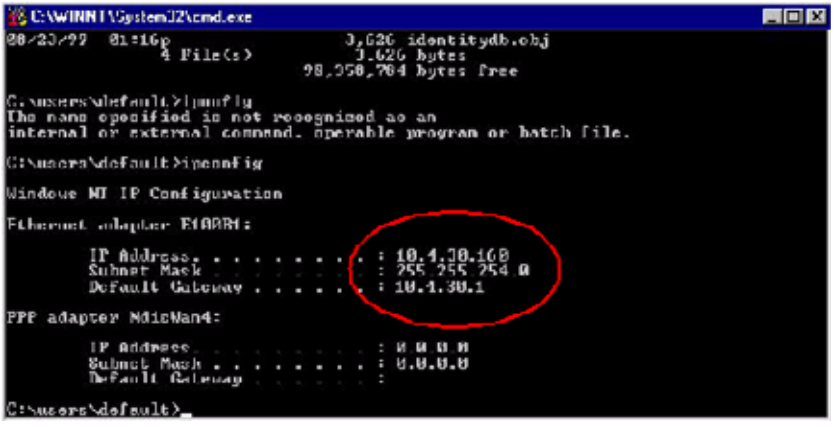
A.4 Checking the Workstation IP Address

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:

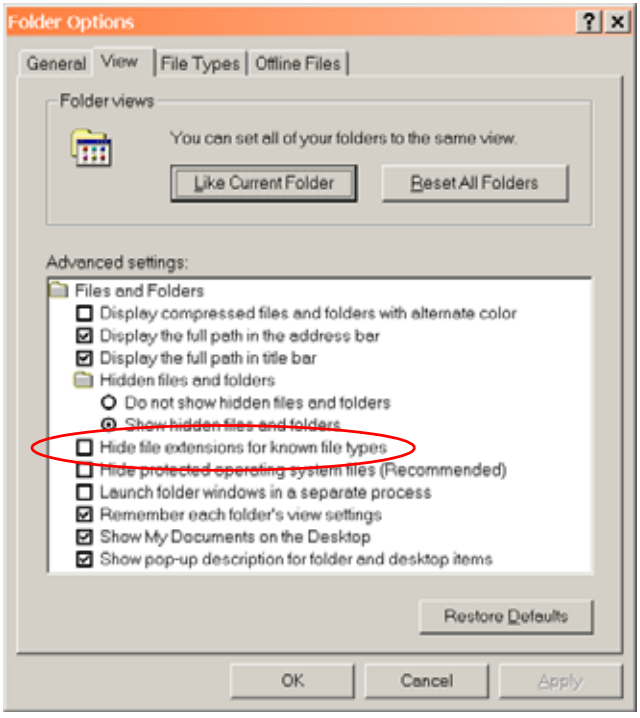
For Window NT platform

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.

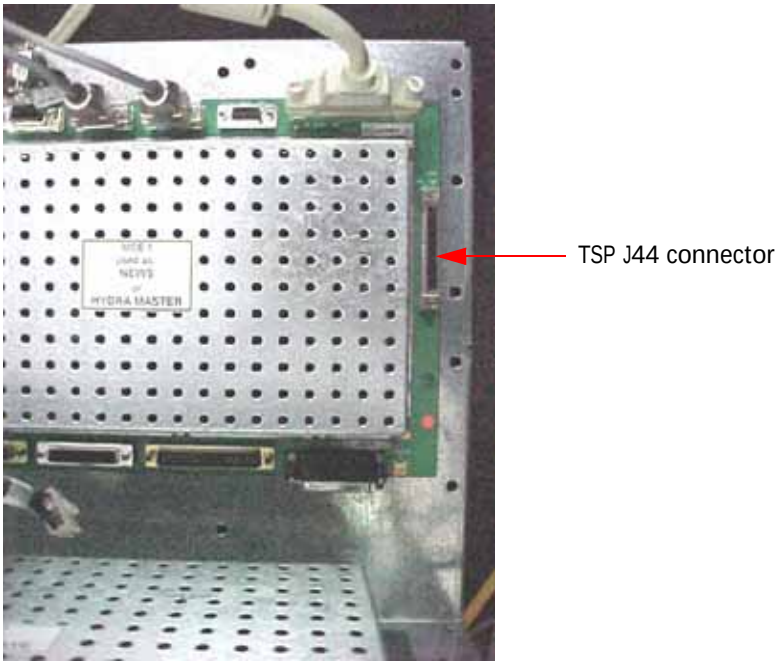
3. In the View tab, clear **Hide file extension of known file types** from the Advanced setting section and click **Apply** or **OK**.



The file extensions appear at the end of file names.

A.6 Connecting TSP Cable to Trendsetter MCE

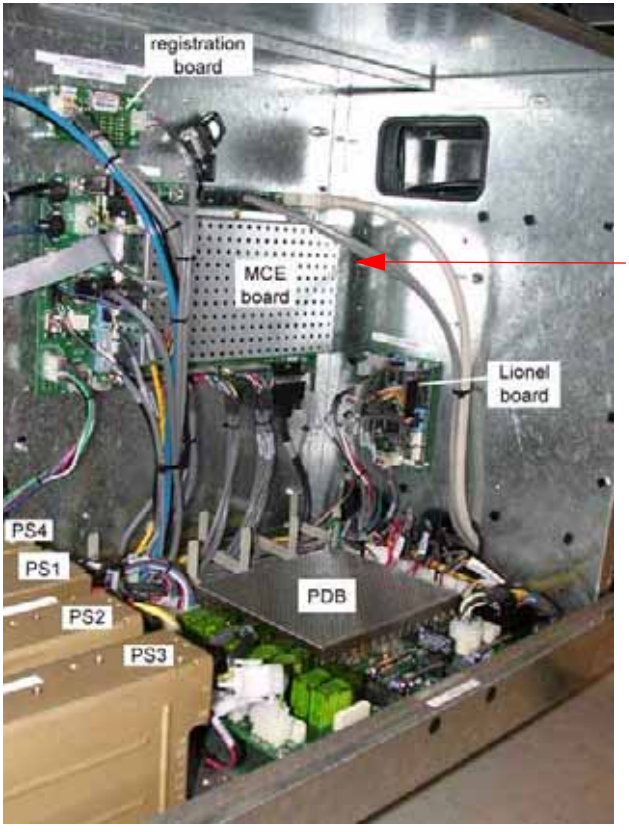
Connect the end of the 68-pin TSP cable (199D20022) to the TSP J44 connector in the Trendsetter electronic box.
The following figure shows the location of the TSP J44 connector.



Note: To access the TSP J44 connector in the electronic box, on the upper left-hand side of the Trendsetter, push the outer metal cover to open it and then using the appropriate screwdriver, remove the inner metal cover plate.

A.7 Connecting TSP Cable to Magnus VLF

Connect the end of the 68-pin TSP cable (199D20022) to the TSP J44 connector of the MCE board in the Magnus VLF power box.
The following figure shows the location of the MCE board and the TSP J44 connector.



Note: To access the TSP J44 connector in the power box, open the front panel on the right-hand side of the Magnus VLF. Then unscrew the thumb screws of the inner panel. The MCE board is located in the left compartment of the power box.

The following modules are from the
Brisque to Platesetter Connectivity for Brisque Version 5
Learning Guide
(part number 653-00762)

Lesson 3 Configure Media in the Print Console Software



Why You Need to Know This

Before loading and exposing plates on the Trendsetter platesetter, you must configure the media that you will be using. You configure the media in the Print Console software, which connects Brisque to your output device.



What You Need to Know

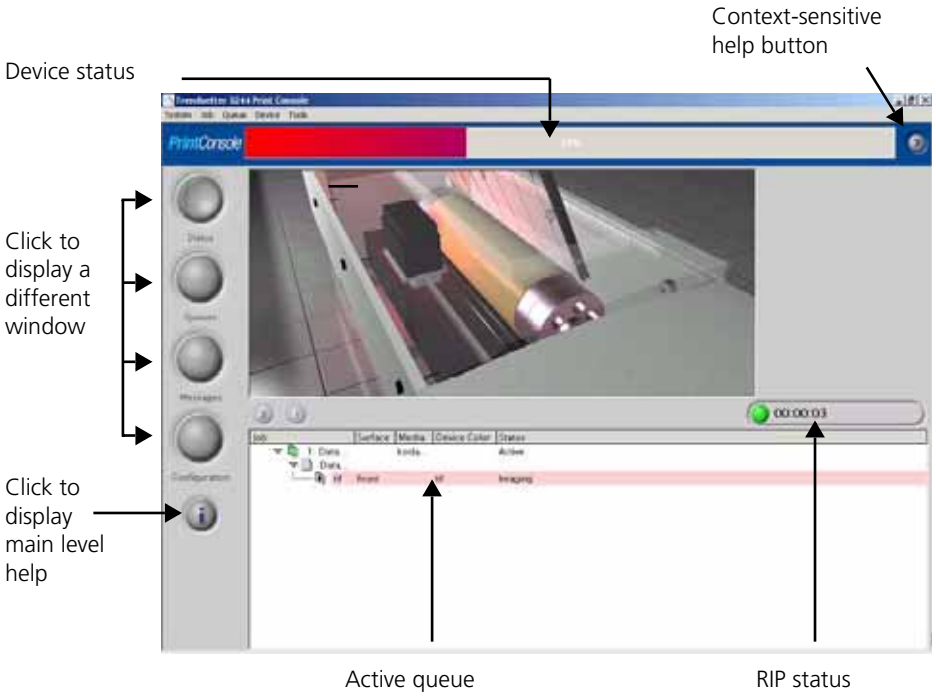
- Print Console Interface
- Configuring Media in Print Console

Print Console Interface

The Print Console software and the Trendsetter platesetter communicate with each other. Print Console reads the supported media from the platesetter and communicates with it when raster data is about to be processed for exposure. When plates need to be loaded or unloaded or there is a problem with the platesetter, the Print Console software displays a message in the Messages window.

Brisque obtains from Print Console the media types and sizes that the platesetter supports. The Plate Expose dialog box in Brisque also displays the types and sizes of media that the platesetter supports.

The Print Console interface consists of four windows: Status, Queues, Messages, and Configuration. When you start Print Console, the Status window is the first window displayed.



Print Console Status window

Note: The Device status box, online help buttons, and left hand buttons appear from all four windows.

For more information on the Print Console user interface, see the *Print Console* quick start guide or the Print Console online help.

Configuring Media in Print Console

Your service representative configures device media information in your output device when your system is installed. To add new device media, you must contact your service representative.

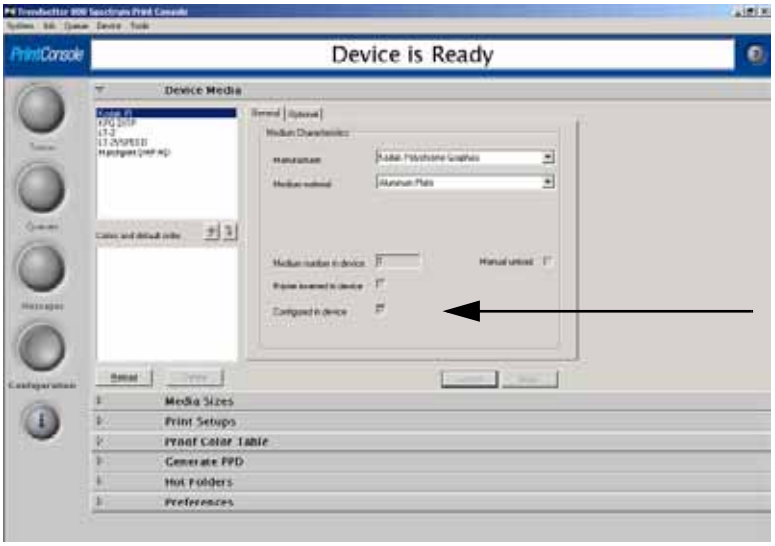
You must configure the device media that your service representative configured in the output device, with thickness values, before you can configure the media sizes.

The **Device Media** pane is populated automatically with the device media configured in the output device when Print Console first connects to the output device.

Configuring media in Print Console requires the following steps:

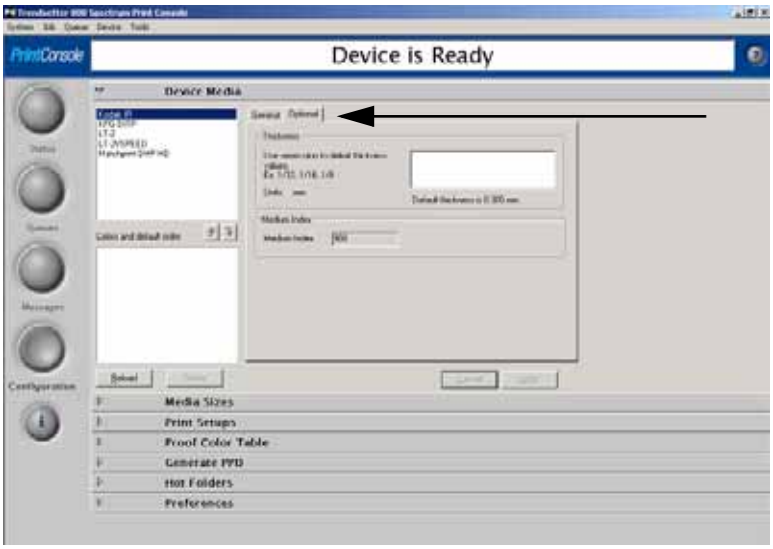
- Confirming that the device media is configured in the device.
- Defining the correct media thickness values are applied to the device media.
- Creating and configuring new media sizes.

Print Console obtains the list of media configured in the device and displays this list in the Configuration window, in the **Device Media** pane.



Before you configure your medium with thickness values and media sizes, make sure that the medium is configured in the device by checking that the **Configured in device** check box on the **Device Media** pane is selected.

Defining Device Media Thickness



On the **Optional** tab, you can define a thickness value for your medium.

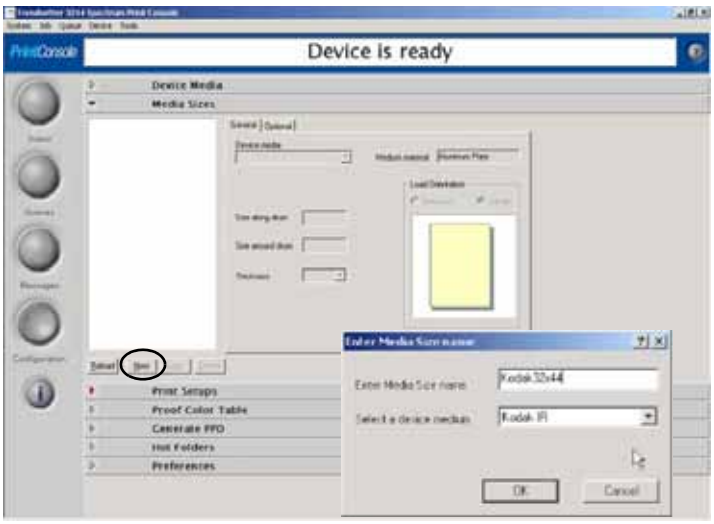
Creating New Media Sizes

In the **Media Sizes** pane, you define the size of the medium that your workflow is going to use. The size appears in Brisque, in the Plate Expose dialog box.

To create a media size:

1. In the **Media Sizes** pane, click **New**.
2. In the Enter Media Size name dialog box, type the name of the new media size and select a device medium.

3. Click **OK**.



Configuring the Size of a Medium



1. From the list of media on the left, select the new medium.
2. In the **Device media** box, make sure that the correct type appears.
3. In the **Size along drum** box, type the height (the distance along the drum) of the medium.
4. In the **Size around drum** box, type the width (the distance around the drum) of the medium.
5. In the **Thickness** box, type the thickness of the medium in inches or select a value from the list.
6. Set other parameters as necessary.
7. Click **Apply**.



Apply What You Know

Activity: Configuring Media in Print Console

Checking Your Device and Defining Thickness Values

1. In the Print Console Configuration window, in the **Device Media** pane, select the medium that you are going to use—for example, **KodakIR**.
2. Make sure that the **Configured in device** check box is selected.

Note: If the **Configured in device** check box is not selected, the selected is not configured in the Trendsetter. Contact your service representative to have medium configured.

3. Type the thickness value of the medium, as listed on the medium packaging.

Configuring Plate Size

1. Define a new medium for the plates that you will be using at your site. Alternatively, define the size with these values:

- **Along the drum** (height): 32" or 812.8 mm
- **Around the drum** (width): 44" or 1117.6 mm
- **Thickness** of the medium: 0.012" or 0.3 mm

Note: You can also type the thickness value directly into the **Thickness** box, if the value was not defined with the medium.

2. Save the settings for the new medium.

Module Wrap-up

Having completed this module, you should now be able to:

- Describe plate types
- Configure media in your platesetter

Self-Assessment #2: Preparing Your Platesetter to Work With Brisque

This self-assessment activity will help you:

- Confirm your knowledge of preparing your platesetter to work with Brisque.
- Identify areas for more practice



Important: You are responsible for your own learning. If you do not understand any of the components of this course, be sure to let your instructor know. This form can serve as a tool to communicate to your instructor any issues or problems you may have.

How well are you doing?

Check the box that best represents your confidence in your ability to do each task.

	Very High	High	Average	Low	Very Low
Describe Plate Types	☐	☐	☐	☐	☐
Configure Media in the Lotem Controller Software	☐	☐	☐	☐	☐
Configure Media in the Print Console Software	☐	☐	☐	☐	☐

Areas where you feel you need more training and practice:

1.

2.

3.

MODULE 3

Preparing Brisque to Work With Your Platesetter

Why You Need to Know This

After defining the media on your platesetter, you have to make some preparations in the Brisque software so that it will work with the platesetter; these preparations include configuring Brisque to connect to the platesetter and creating press formats to match the press that you are printing to.

Lessons in This Module

Lesson 1: Set Up the Brisque-Platesetter Connection

Lesson 2: Create Press Formats

Lesson 1

Set Up the Brisque-Platesetter Connection



Why You Need to Know This

To expose Brisque Jobs on a platesetter, you must first set up a connection between Brisque and the platesetter. Then the Brisque software and the platesetter can communicate and exchange data to expose Brisque Jobs.



What You Need to Know

- Configuring the platesetter in Brisque
- Viewing platesetter parameters
- Modifying platesetter parameters

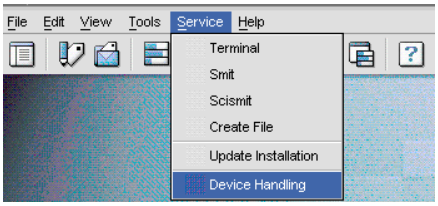
Configuring the Platesetter in Brisque

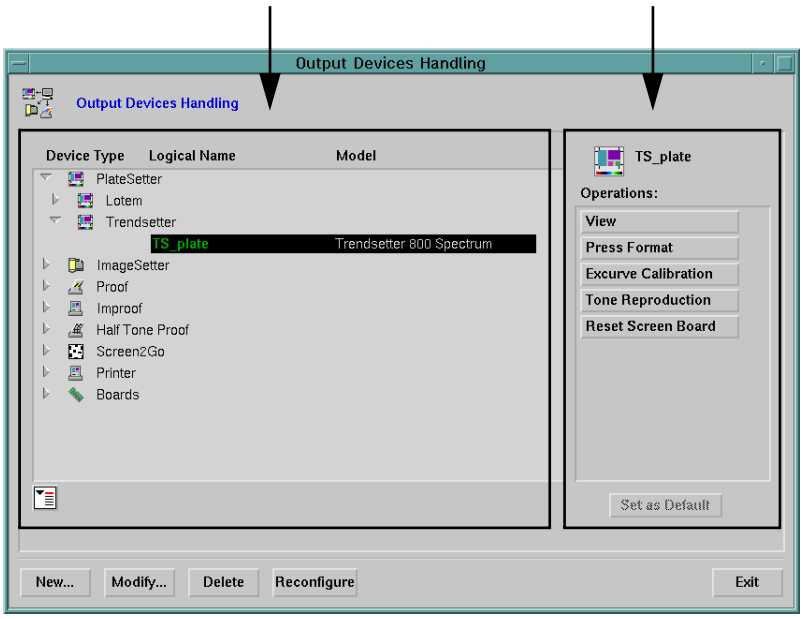
To set up a connection between the Brisque software and an output device, you configure the output device in Brisque. After completing the configuration, we recommend that you perform a "reconfiguration" process to confirm that the connection is set up correctly. The reconfiguration process also stores the output device information in the Brisque database.

You configure an output device in the Brisque Output Devices Handling window, on the Brisque host station.

To open the Output Devices Handling window:

1. In the Brisque software, open the **Service** menu.
2. Select **Device Handling**.





The Output Devices Handling window is divided into two sections: the device section, which lists all the devices that can be configured in Brisque, and the operation section, which lists all the operations associated with the selected device.

The device section has three columns:

- **Device Type**: This column displays the device groups, such as platesetters, imagesetters, and proofers. Under each group, the list of device families appears, such as Lotem and Trendsetter for the platesetter group. You can expand and collapse each level.
- **Logical Name**: This column displays the name of a specific configuration connection. When you select a logical name, the associated operations become available in the operation section.
- **Model**: This column displays the model name of the device, such as Lotem 800.

Some operations are device specific, and others are applicable to all output devices.

To configure a platesetter in Brisque:

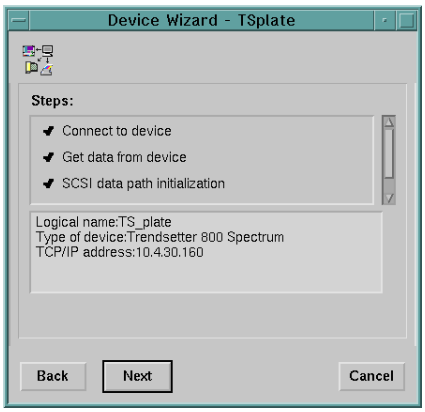
1. Make sure that the controller application of the platesetter is running.
2. In the Brisque Output Devices Handling window, click **New**.
   The Device Wizard appears.

3. From the **Device Group** list, select **PlateSetter**.
4. From the **Device Family** list, select a platesetter.
5. In the **TCP/IP** address box, type the device address.
6. Click **Next**.



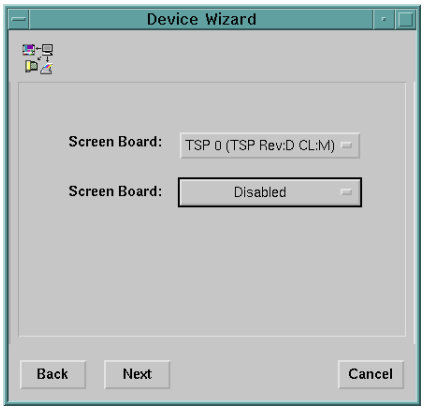
To find out the IP address of your platesetter, see *Finding Out Your Platesetter's IP Address* on page 39.

7. In the **Logical Name** box, type a name and click **Next.** The following window appears:



Check marks appear next to the three steps.

8. Click **Next**.
9. From the **Screen Board** list, select the required TSP board and then click **Next**.

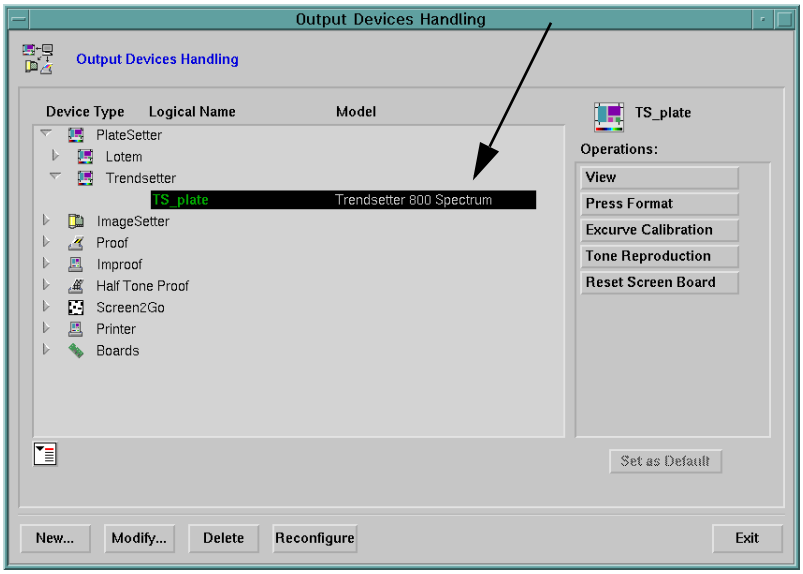


If more than one TSP boards are mounted on the Brisque, in the **Screen Board** box, select one, then click **Next.**

Note: If the selected screen board is in use, a warning message appears, halting the device configuration to enable another board selection.

10. Click **Save** to save the configuration. The configuration process is completed. You return to the Output Devices Handling window.

Configured device

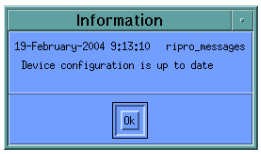


Reconfiguring a Platesetter

To reconfigure the platesetter:

- In the Output Devices Handling window, select the platesetter that you want to reconfigure, and click **Reconfigure**.

The following message appears, indicating that the device is configured:



Note: A message informs you if the device hasn't been configured correctly or if the connection has been broken. Check the physical connection between the output device and the Brisque host station, and then try the reconfiguration process again.

When a device is configured, Brisque reads the data and registers it in the Brisque database. To make sure that the connection between the output device and Brisque is functional, we recommend that you reconfigure the output device before every use. If you have a problem, contact your Creo service representative.

Viewing Platesetter Parameters

You can view the platesetter parameters that Brisque has now saved in its database. If the controller software is not running, Brisque displays data from the previous configuration.

To view the selected device's parameters:

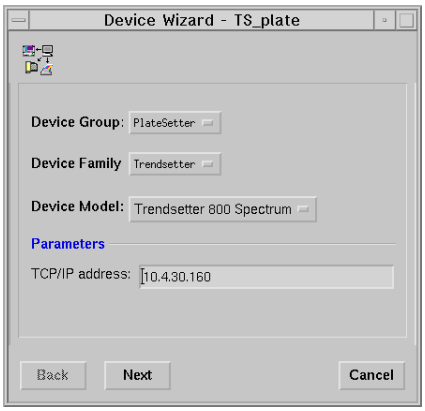
1. In the Output Devices Handling window, select a platesetter.
2. Under **Operations**, click **View**.



3. Click the **General** tab.
   The connection parameters appear.
4. Click the **Parameters** tab. Exposure parameters, maximum actual media size, length, width, resolution, and the installed punch system are displayed.
5. Click the **Media** tab.
   In the **Plate Set** list, you can see all the plate sets for the selected device. The plate size and thickness for the selected plate set also appears.

Modifying Platesetter Parameters

1. In the Output Devices Handling window, select the platesetter whose parameters you want to modify and click **Modify.**



2. If the **TCP/IP** address needs to be changed, change it as required and click **Next.**
3. If more than one TSP board is mounted in Brisque, select a board in the **Screen Board** list and then click **Next.**
4. If necessary, modify other parameters.
5. Click **Save** to save the modified configuration.

Deleting a Platesetter Configuration

- To delete a platesetter configuration, in the Output Devices Handling window, select the platesetter and click **Delete**.

The configuration is removed from the Output Devices Handling window.

Finding Out Your Platesetter's IP Address

Trendsetter or Lotem platesetters running on Windows 2000 or Windows NT

1. In the Print Console or Lotem Controller software, from the **Start** menu, select **Run**.
2. Type `cmd` and click **OK**.
3. In the DOS window, type `ipconfig` and press ENTER.
   The IP address of the Trendsetter platesetter appears.
4. Type `exit` to quit.

Lotem platesetters running on Windows 95

1. In the Lotem Controller software, from the **Start** menu select **Run.**

2. Type `winipcfg` and click **OK**.
   The IP address of the Lotem device appears.
3. Type `exit` to quit.

Lesson 2 Create Press Formats



Why You Need to Know This

Before you start exposing Brisque Jobs on your platesetter, it is recommended that you create a press format for each press at your site. This will help you match the requirements of your press to the exposure settings on the platesetter.



What You Need to Know

- What a press format is
- How to create a new press format

What Is a Press Format?

A press format is a group of parameters that define the plates that you use on a specific press. These parameters include plate size, plate thickness, gripper margins, and punch system(s). The plate that you are exposing must conform to the parameters defined in the press format.

Different presses may need different settings, so you should create a press format for each press at your site.

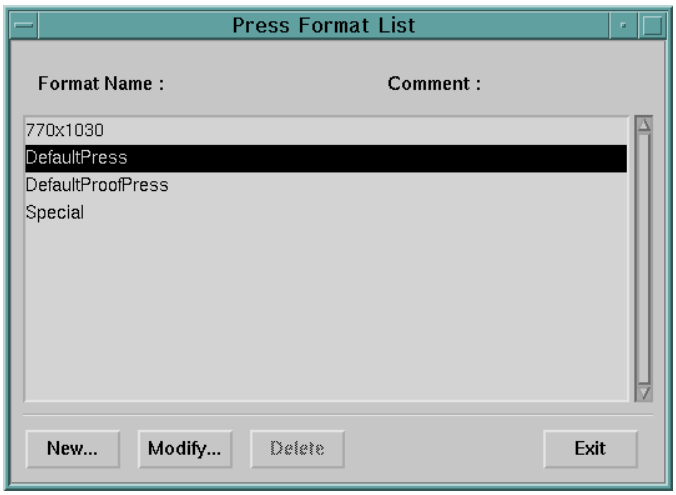
In the Press Format dialog box, you can create, modify, and delete press formats.

Creating a New Press Format

You can access the Press Format List dialog box from the Brisque host only.

To access the Press Format List dialog box:

1. From the Brisque **Service** menu, select **Device Handling**.
   The Output Devices Handling window appears.
2. In the Output Devices Handling window, select a platesetter configuration.
3. In the Operations section, click **Press Format**.
   The Press Format List dialog box appears.



Using the **Modify** and **Delete** buttons in the Press Format List dialog box, you can modify and delete press formats. Use the **New** button to create a new press format.

Note: Two press formats are predefined in Brisque: **DefaultPress** and **DefaultProofPress**. They cannot be deleted.

To create a new press format:

1. In the Press Format List dialog box, click **New**.
   The New Press Format dialog box appears.

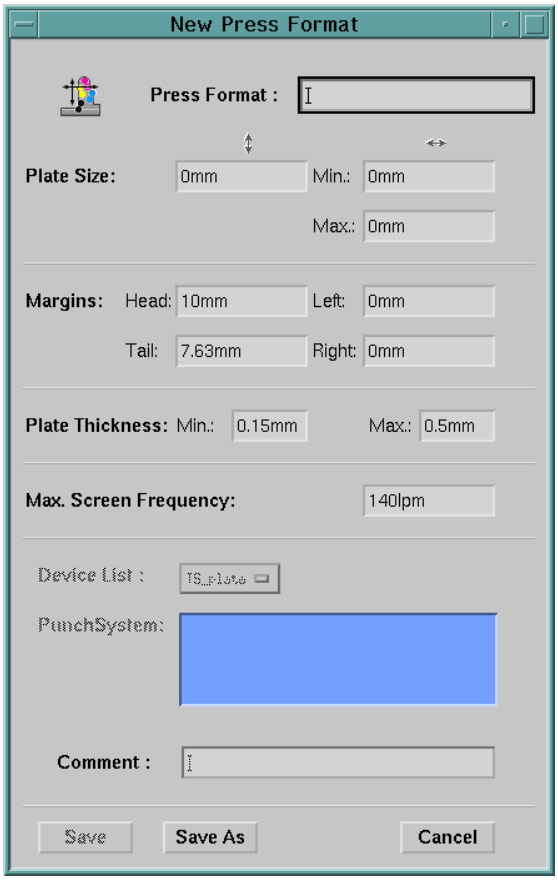
Plate Size:
The height of plates is fixed, but their length may vary. Make sure that you define the minimum and maximum values of the plates.

Margins:
The default margins refer to the platesetter. Change the margins as necessary to suit the requirements of the press.

Plate Thickness:
Type the minimum and maximum thickness values of the plates to be used on the specific press.

Device List:
This list shows the platesetters that are configured on the Brisque host.

Punch System:
Select the punch system that the specific press uses.



2. In the **Press Format** box, type a name for the press format that you are creating. We recommend that you choose a name that is related to the actual press. The name that you type will appear in the Plate Expose window.

Note: Do not use the following characters: \ / , : , * , ? , " , < , > , | . Do not use any spaces. These characters are automatically replaced with an underscore (_).

Set the rest of the parameters as required and click **Save** to store the new press format. The new press format is added to the Press Format List dialog box.

Note: The parameters of the press format must match the parameters of the plate defined in the platesetter.

Important: In the Plate Expose window, be sure to select the correct press format from the **Press Format** list. The **Plate Set** list shows all the defined plates that match the press format.

Note: You can create press formats only for a platesetter that you have configured in Brisque.



Apply What You Know

Activity: Create Press Formats for Your Site

In this activity, you create press formats for all the presses at your site. Ask the press operator(s) at your site for any information that you might need, such as the sizes of the plates, their thickness, and the punch system.

If you prefer, you can use the following specifications to create a press format:

- Press format name: Speedmaster SM 102
- Height: 770 mm
- Length: 1000-1030 mm
- Head margin: 10 mm
- Tail margin: 10 mm
- Thickness: 0.2 - 0.5 mm

Module Wrap-up

Having completed this module, you should now be able to:

- Configure Brisque to connect to an output device
- Create press formats

Self-Assessment #3: Preparing Brisque to Work With Your Platesetter

This self-assessment activity will help you:

- Confirm your knowledge of preparing Brisque to work with your platesetter.
- Identify areas for more practice



Important: You are responsible for your own learning. If you do not understand any of the components of this course, be sure to let your instructor know. This form can serve as a tool to communicate to your instructor any issues or problems you may have.

How well are you doing?

Check the box that best represents your confidence in your ability to do each task.

	Very High	High	Average	Low	Very Low
Set Up the Brisque-Platesetter Connection	☐	☐	☐	☐	☐
Create Press Formats	☐	☐	☐	☐	☐

Areas where you feel you need more training and practice:

1.

2.

3.

MODULE 4

Exposing and Monitoring Brisque Jobs

Why You Need to Know This

After you finish setting up the connection between the Brisque software and the platesetter, you can start exposing Jobs. To expose Brisque Jobs, you have to be familiar with the parameters for the Plate Expose operation and know how to set them correctly.

While Brisque Jobs are in production, you can use Brisque tools to monitor the workload and the status of your output devices.

Lessons in This Module

Lesson 1: Set the Plate Expose Parameters

Lesson 2: Monitor Production

Lesson 1

Set the Plate Expose Parameters

Why You Need to Know This

Before you expose different types of Jobs to plate, you should understand all the parameters that you can select in the Plate Expose dialog box.

In this lesson you review the Plate Expose parameters and expose a typical Brisque Imposition Job.

What You Need to Know

- Working with templates
- Setting Plate Expose parameters
- Exposing a typical Imposition Job

Working With Templates



A template is a set of file-processing instructions (for example, from the RIP operation to the FAF operation to the Plate Expose operation) that you can define and save to help automate repetitive production tasks. When you drag a file onto a template, Brisque creates and launches a Job ticket, which is queued and processed according to the file-handling instructions defined in the template.

You can define any number of templates in Brisque. Once you have defined the workflow steps in a template, you can use it repeatedly for production. This makes it possible to minimize the number of actions required by the operator.

For more information on creating and working with templates see the Brisque online help system and the *Brisque Operator* learning guide.

Creating a New Template

To create a new template:

1. On the Brisque toolbar click the **Job Ticket Editor** button.

2. Click anywhere in the gray area to add operations to the template.
   The list of operations appears.



3. Click an operation.

4. To add an operation that precedes one in the template, click the arrow to the left of the operation in the template. To add an operation that follows one in the template, click either the arrow or the area to the right of the operation in the template.

5. Define the parameters for the operation.

6. Repeat this procedure as many times as necessary to complete the template, and then click **Save As.**

7. In the Save As dialog box, type a name for the template, and click **OK**.

Note: This course focuses on the Plate Expose operation and its parameters.

The Plate Expose Operation

The Plate Expose (**PlateExp**) operation enables you to define exactly how a Brisque Job is going to be exposed on a plate.

In the Plate Expose dialog box, you can choose a predefined press format, punch system, plate set, and screen set. You can also define parameters such as **Marks**, **Plate ID, Image Offset, Layout Rotation**, and **Separation Handling**. In addition, you can designate an Excurve and a tone-reproduction curve.

If you do not include the Plate Expose operation in the template assigned to the hot folder, you can activate it manually.

To activate the Plate Expose operation, drag the Brisque Job to the **PlateExp** icon in the Workflow Palette.

When you expose a Brisque Imposition Job, the pages are arranged according to the imposition information that was defined in an Imposition Control File (ICF), the Brisque Arrange operation, or the Brisque Preview workspace.



Note: Before exposing a Brisque Imposition Job, make sure that the pages of the Job are RIPed and that they reside in the location that you indicated when creating the Imposition Job.

Setting the Plate Expose Parameters

The PlateExp Parameters dialog box contains six tabs:

- **Device&Media**
- **Layout**
- **Marks&Lables**
- **Screen**
- **Separations**
- **Summary**

Device&Media Tab

Click this arrow to expand the PlateExp Parameters dialog box.



The **Device** option shows all the platesetter devices connected to Brisque. From the list, select the device that you want to you use.

The Plate Remake Database records the parameters of a successfully exposed Job ticket and enables you to reexpose it with the same parameters.

To add the parameters of a successfully exposed Job ticket to the Plate Remake database:

- Select the **Update the Plate Remake Database** check box.

Note: You will learn more about the Plate Remake database later in this lesson.

The **Media** section contains the following options:

- **Press Format**: The plate must conform to the range of parameters defined in the press format. From the list, select the press format you want to use. The press format that you choose should match the press that will be used to print your Job.

Note: The press format that you select affects the number of plate sets and punch systems that are available. If you select the **None** option, all plate sets and punch systems for the configured device are available.

- **Plate Set**: The parameters of a plate set include the type, size, and thickness of a specific plate. When you select a plate set from the list, the plate size and type associated with this plate set are displayed in the **Plate Size** and **Plate Type** boxes. These boxes cannot be edited. The available plate sets are determined by the configured device and the selected press format. The list of plate sets is defined in the platesetter software.



Note: If the plate to be used is positive, the plate exposure will be negative, and vice versa.

- **Loading Policy**: This option is relevant to automatically loading devices only. Select the **Load** check box to instruct the platesetter to automatically load a new plate before the exposure begins. Select the **Unload** check box to instruct the platesetter to automatically unload the plate when the exposure is finished. To reexpose the plate, clear the **Unload** check box.



Note: The loading policy is defined at the Brisque Job level and cannot be customized per Layout, Page, or separation.

In the **Punch** section, you select a punch system that the press machine supports. A punch system defines punch-related parameters for exposing the plate with the currently selected press format. The configured device and the selected press format determine which punch systems are available. If you select the **None** option in the Press Format box, all punch systems for the configured device are available.

Select the check box for a punch system that your press supports. If you want to use the plate on more than one press, select more than one punch system.

Layout Tab



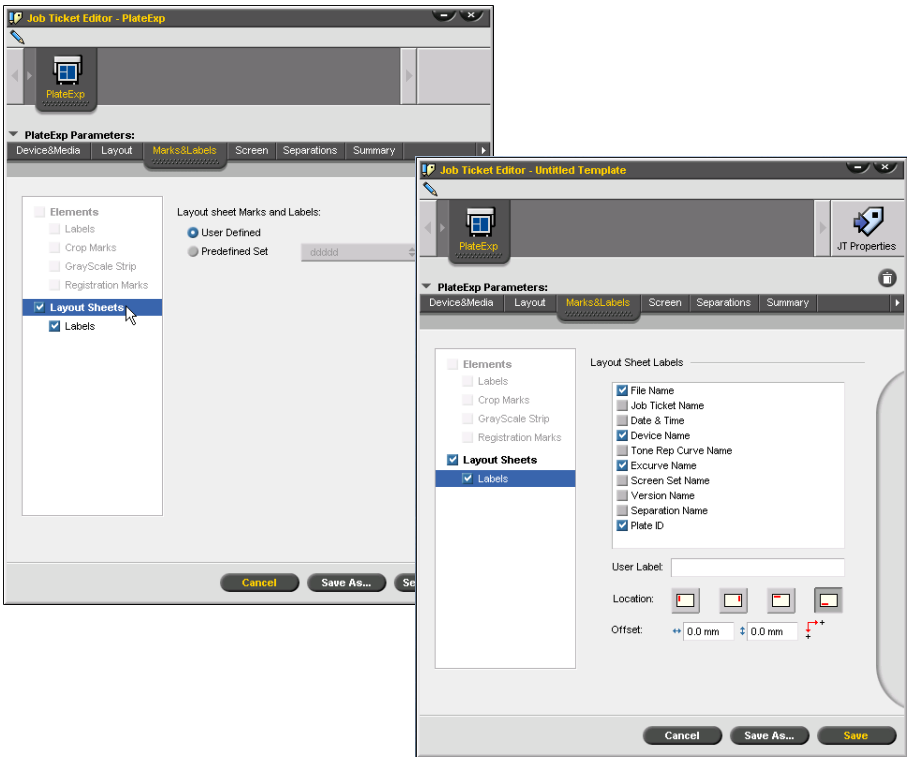
The **Layout** tab contains the following options:

- **Alignment**: Use this parameter to define the alignment of the image in reference to the plate. On the right side, you can see where the Job will be placed on the plate. Remember to take into consideration the margins already selected in the **Press Format** settings.
- **Offset**: Use this parameter to shift the layout on the plate, if required. The offset values specify the point at which the platesetter begins to expose the image. In the horizontal and vertical offset boxes, type the horizontal and vertical offset values. The offset direction is always top-left ( ).
- **Rotate**: Select this option to change the orientation of the image on the plate. Look at the letter "R" on the right to see how your changes affect the positioning of the image on the plate.
- **Expose**: Select whether the image should be exposed as is (**Right Reading**) or as a mirror image (**Wrong Reading**).

For more information about the rotation settings, see *Adjust Plate Rotation Settings* on page 72

Marks&Labels Tab

You can apply marks and labels to a layout or to specific elements in a layout, either individually or as a mark set. You can also add a mark set and then any additional individual marks.



To add labels to a layout:

1. Under **Layout Sheets** check box, select the **Layout** check box.
2. Select the **Plate ID** option to give each plate a unique name. This option will help you search for a plate in the Plate Remake database.
3. Select any other label that you think is important to add to the plate.
4. Use the **User Label** box to include information that is not represented by any of the label options.
5. For location, select the option that shows where you want your labels and marks to appear on the plate.
6. For the two Offset settings, we recommend that you enter **0.0 mm**.

To add a user-defined label to a layout:

1. Select the **Layout Sheets** check box.
2. In the **Layout sheet Marks and Labels** section, select the **User Defined** option.
3. Select the **Labels** check box on the left.
4. From the **Layout Sheet Labels** list, select one or more label types.

5. In the **User Label** box, type any text that you would like to appear in the layout. The text appears on the same line as, and directly follows, the label that you selected in the previous step.



Note: Note that some labels are already selected by default. We recommend that you not change these selections.

6. In the **Location** section, choose the position for the label on the layout.
7. In the horizontal and vertical **Offset** boxes, type the size of the horizontal and vertical offset from the corner that you selected in the previous step. The offset direction is always top-left (Optional).

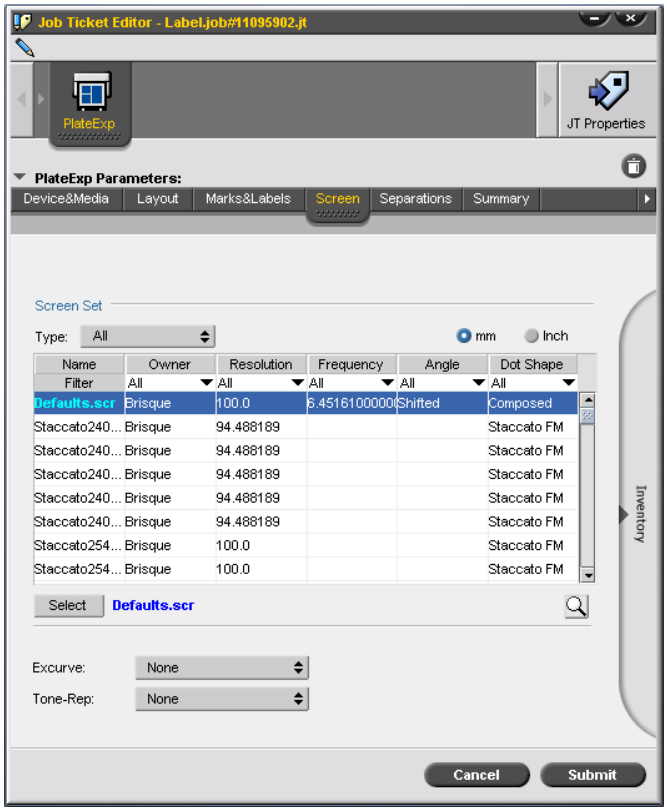


For more information about working with mark sets, see the following guides:

- *Brisque Operator* learning guide
- *Brisque Impose* learning guide

Screen Tab

A screen set specifies all the screening parameters required for the exposure, including resolution.



On the **Screen** tab, you select screening parameters, tone-reproduction curves, and Excurves.

The **Screen Set** section contains a list of all the screen sets available for the selected platesetter. For each screen set, the table displays the resolution, frequency, angle, and dot shape. You can view the resolution and frequency values in millimeters or inches.

The screen set table is similar to an Excel sheet. You can filter the screen sets according to several categories. To view only screen sets that meet your specific needs, click the arrow in the **Owner**, **Resolution**, **Frequency**, **Angle**, and **Dot Shape** columns, and then select an option from the list.

Selecting a Screen Set

1. In the **Type** box, select a screen type to view screen sets only of a certain type.
2. To view the parameters of a screen set, in the **Name** column, double-click the screen set name.
3. Select the screen set that you want to use for your exposure and click **Select**.

Selecting an Excurve

The **Excurve** option enables you to designate an exposure curve to correct density and dot percentage variations.



Note: You can expose an image without using an Excurve.

To select an Excurve:

- From the Excurve list, select an Excurve; or, to have the system automatically choose the most appropriate Excurve file, select **AutoSelect**.

  If you use the **AutoSelect** option, Brisque chooses an Excurve on the basis of:

  – The parameters of the screen set that was selected in the output operation

  – The Excurve **AutoSelect** parameter settings that were defined in the Output Devices Handling window on your Brisque host.

Selecting a Tone-Reproduction Curve

A tone-reproduction curve is a graph showing the density of each point of the original printout from your press and its corresponding required density. Tone reproduction curves are built according to data measured off the press and according to precalculated correction tables supplied by the printer. The curves are created to compensate for press-related effects (such as dot gain) and to control image tonality.

To designate a tone-reproduction curve for the exposure, select one from the **Tone-Rep** list.



Note: You can expose an image without using a tone-reproduction curve.

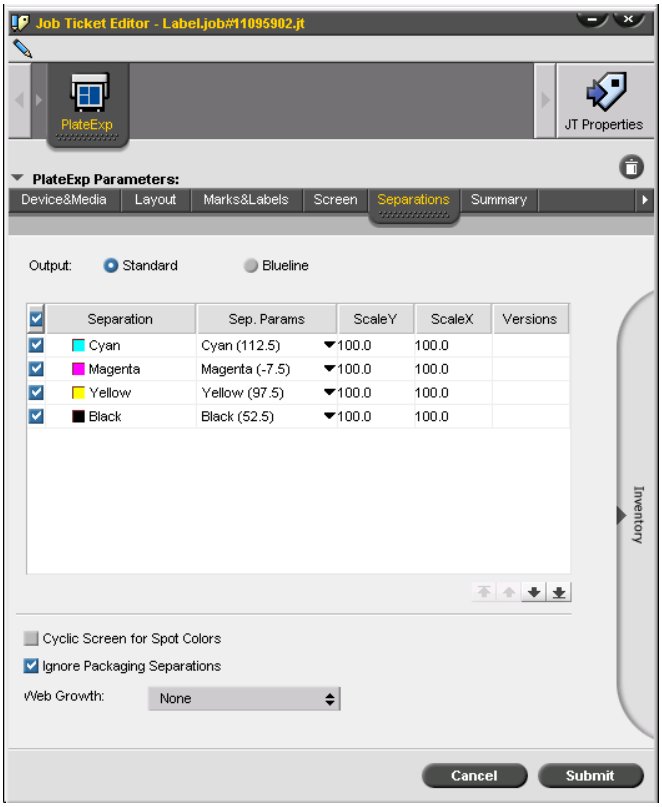


For more information about Excurves and tone-reproduction curves, see module 6, *Calibration* on page 87.



For more information about screen sets, see the *Brisque Operator* learning guide.

Separations Tab



Brisque enables you to expose selected separations, assign screen parameters to separations, and expose a blueline plate of all separations.

In the **Standard** output mode, you can select the separation that you want to output: In the **Separation** column, select the check box next to the name of that separation.

You can assign the screen set parameters of a specific separation to any other separation in the input file.

For example, you can assign the cyan screen set parameters to the magenta separation of the input file. Any data relating to the cyan separation will be implemented in the magenta separation.

To assign screen parameters of one separation to another:

1. In **Separation** column, select the separation that you want to assign different screen parameters to.
2. In the **Sep. Params** column, select the separation whose screen parameters you want to assign to the separation selected in step 1.

You can also assign the parameters of the cyan, magenta, and black (CMK) separations to spot colors in a systematic, cyclic manner.

For example, if the file contains cyan, magenta, yellow, black, and five spot colors, the first spot color takes on the cyan parameters, the second spot color takes on the magenta parameters, the third spot color takes on the black parameters, the fourth spot color takes on the cyan parameters, and the fifth spot color takes on the magenta parameters.

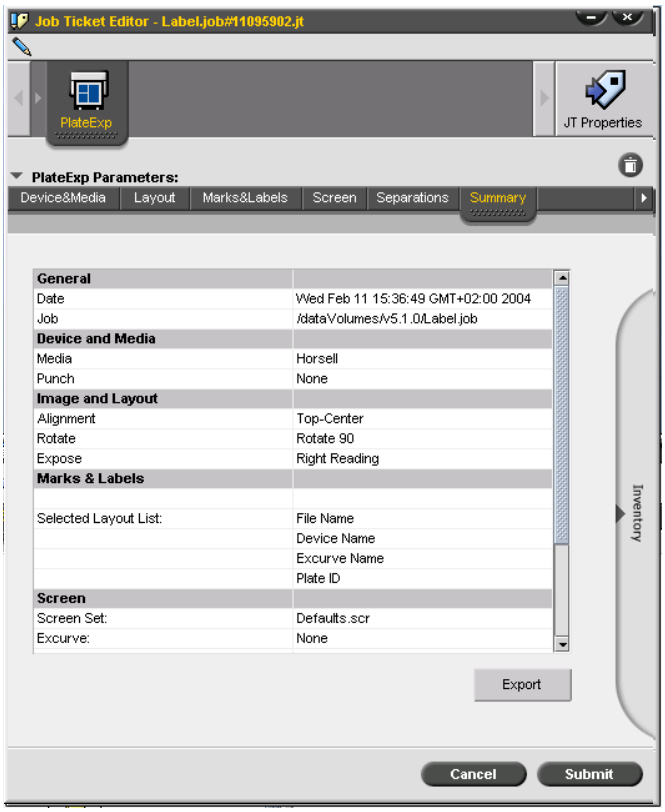
To avoid moiré problems, the yellow separation parameters are not used. However, if you are working with the Staccato or Turbo FM screens, the cyclic sequence includes the screen set parameters assigned to the yellow separation as well.

Separations are exposed in the order in which they are listed. You can change the order in which the separations are exposed to plate by changing the order of the separations in the list.

To assign the screen parameters of process colors to the spot color separations in a systematic manner, select the **Cyclic Screens for Spot Colors** check box.

You can instruct Brisque to expose all separations of a Brisque Job except the separations specific to packaging, such as die line, by selecting the **Ignore Packaging Separations** check box.

Summary Tab

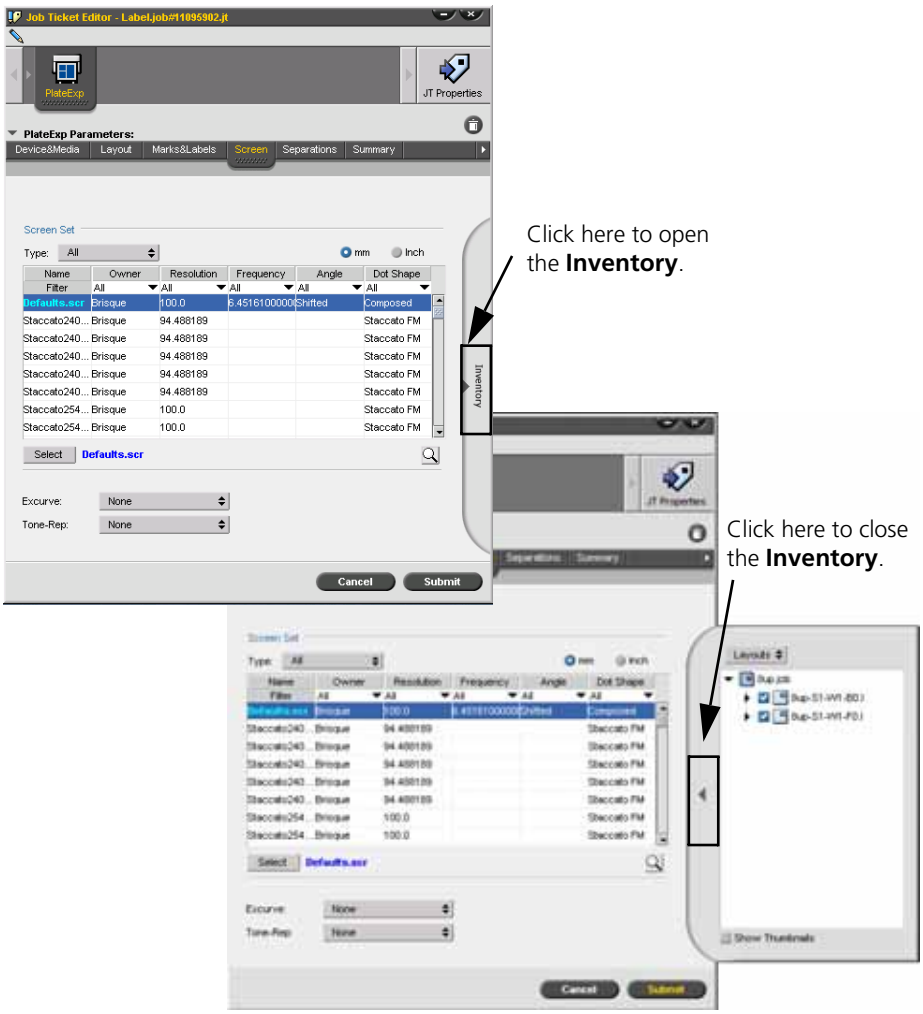


The **Summary** tab shows you at a glance all the main parameters that you selected in the PlateExp dialog box.

Plate Expose Inventory

The Plate Expose Inventory lists all the layouts and pages of an Imposition Job.

To view the Plate Expose Inventory, click **Inventory** in the right side of the Plate Expose window.



Layouts and **Pages** lists are available only for Brisque Imposition Jobs.

You can view the Layouts or Pages of the Imposition Job. When viewing pages, you can also select the **Show Thumbnails** check box to view the thumbnail of a page.

When the Inventory window is open, you can also select layouts or pages and customize parameters on the Screen tab for them.

Incomplete layouts or missing pages are marked as such in the Inventory window.

To select only one layout for exposure:

- Clear the check box for a layout that you don't want to expose.

  All check boxes are selected by default.



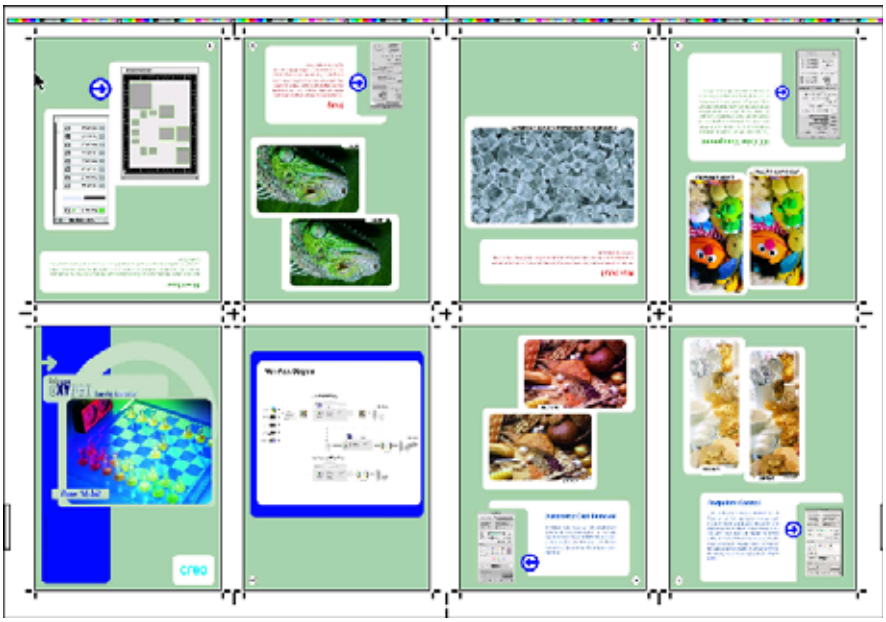
Apply What You Know

Activity: Expose a Typical Imposition Job

Probably most of the Brisque Jobs that you will be exposing on a daily basis will be Imposition Jobs. Knowing how to select the most appropriate settings in the PlateExp Parameters dialog box will help you expose the image correctly on the plate.

In this activity, you can use any of your 4-up or 8-up Brisque Imposition Jobs, or the following files located on your training CD:

- **2x8up.job** for 8-up platesetters
- **2x4up.job** for 4-up platesetters



Activity Procedures

1. Drag the Imposition Job to the **PlateExp** operation icon.
2. Select exposure parameters according to the requirements listed below.
3. Save the settings as **Brisque Training** template.
4. Submit the Job.
5. Check the exposed plate.



Apply What You Know

Required Exposure Settings:

1. On the **Device&Media** tab:
   - Select the **Update the Plate Remake Database** check box (you will use this option in another exercise later on in this course).
   - Use the press format created in *Activity: Create Press Formats for Your Site* on page 44.
2. On the **Layout** tab:
   - Center the image horizontally at the top center of the plate.
   - The image should be exposed 10 mm from the head edge. Remember to take into consideration the margins specified in the press format.
   - For the layout setting, select **Rotation: 180°**
3. On the **Marks&Labels** tab:
   - Select **Plate ID.**
   - In the **User Label** box, type `Typical ImpoJob`.
   - Select a location for your labels.
4. On the **Screen** tab choose a resolution that matches your platesetter:
   - For **Frequency** select either **170 ipi** or **180 ipi** (adjusted to 175 ipi).
   - For **Angle** select **Conventional.**
   - For **Dot Shape** select **Composed**.
   - Screen name is **Vc175r94.488c** or **Vc175r10c.**



Note: On the **Screen** tab, you can view the measurements in millimeters or inches as desired.

Note: If you want to expose only one layout, open the Inventory window and clear the check box for the front or back layout.

Lesson 2 Monitor Production



Why You Need to Know This

Using the Brisque Monitor palette and Queue Manager, you can view and monitor production workloads and the status of your devices.



What You Need to Know

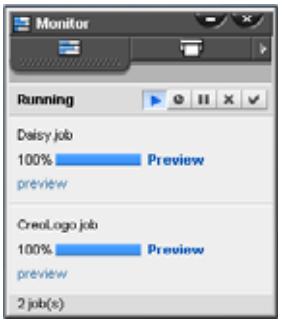
- Monitoring workloads and device status

Monitoring Workloads and Device Status

The Monitor palette enables you to monitor workloads and the status of your devices. The Monitor palette is always accessible making all the necessary information from the Queue Manager easily available. The Monitor palette is constantly updated with information about the Brisque host, including the status and workload of the connected devices.

The Monitor palette contains two tabs: **Queues** and **Devices**.

The **Queues** tab lists the Job tickets in the queue according to their status: running, waiting, on hold, failed, or successful.



Monitor palette, Queues tab

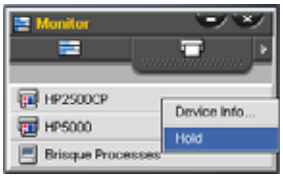
The **Processes & Devices** tab contains a list of all the devices configured to the Brisque host. Next to each device there is an indication of the device's status (idle, unavailable, or running). You can view information and settings for the configured devices, such as the name, type, TCP/IP address, screen boards, maximum available size, range of resolution, and orientation.

Each device entry is collapsible. You can view a list of running and waiting Job tickets and processes in the queue.



Monitor palette - Processes & Devices tab

Suspending an Operation



You can temporarily prevent all processes in the queue from proceeding to a certain device by suspending the device. If, for example, you anticipate that the connected platesetter will run out of plates, you can suspend the device so that Job tickets that include exposure for that device will stop when they reach that step.

- To suspend a device, right-click the device's name on the **Devices** tab of the Monitor palette and then click **Hold**.

Once the new plate is loaded into the platesetter, you can cancel the suspension and the affected Job tickets will continue to be processed. Suspending one device does not affect any Job tickets in the queue that do not include that device in their processing instructions.

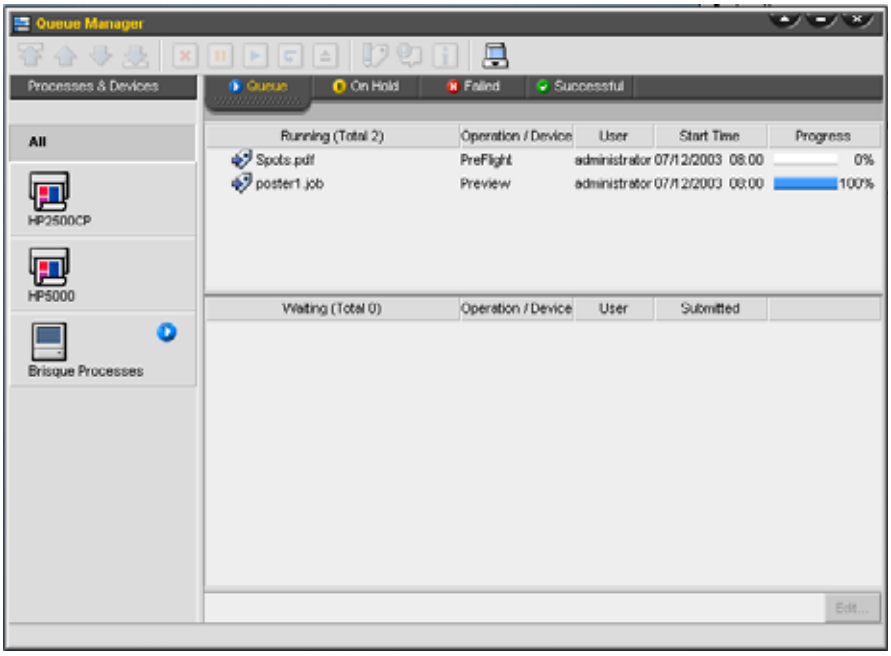
- To release a device from the suspended mode, right-click the device's name on the **Devices** tab of the Monitor palette and then click **Release**.

Queue Manager

The Queue Manager provides a detailed listing of the current and future Brisque processes and of the status of devices that are connected to the Brisque host.

Using the Queue Manager you can monitor Jobs/processes being run on the Brisque workstation and on devices configured to the Brisque workstation.

To access the Queue Manager, click the **Queue Manager** button  on the Brisque toolbar.



The Queue Manager contains two panes: the **Processes & Devices** pane and the main pane.

The **Processes & Devices** pane lists all the devices that are configured to the Brisque station and includes the status of the devices and device operations. Use the buttons on the **Processes & Devices** pane to filter processes so that you can view only those associated with selected devices.

The **main** pane indicates the status of processes that are currently running on the Brisque host, categorized according to their current status: running, waiting, on hold, failed, or successful. The **main** pane also lists processes which are queued. These processes are divided into those that are currently running and those that are waiting.

Imposition Job tickets appear as collapsible elements in the queue and list the different layouts included in the Brisque Imposition Job.

Use the Queue Manager toolbar to abort, hold, resume, resubmit, or remove processes; to view messages and information related to the processes; and to perform additional tasks such as such as exporting messages, a process status, or Job tickets. Administrators can change the order of processes in the queue.

Buttons on the toolbar are only available when certain conditions are met. For example, if a selected Job ticket is currently on hold, the **Resume** button would be available on the toolbar, but the **Hold** button would be unavailable.

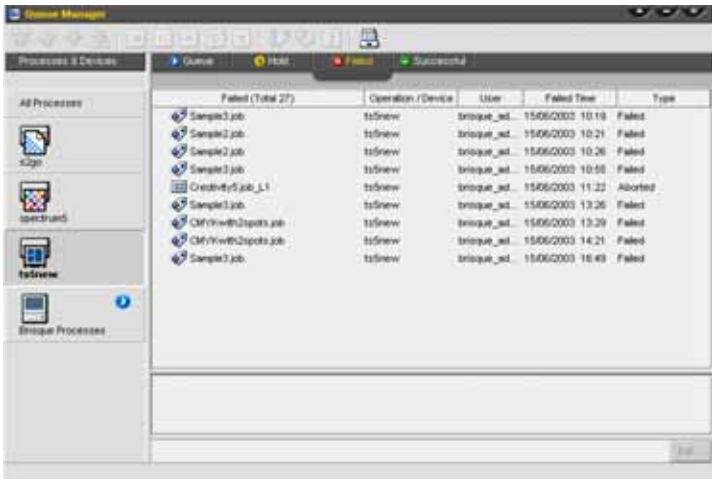


For more information about performing tasks in the Queue Manager, see:

- Brisque online help
- *Brisque Operator* learning guide

Filtering Processes by Device

You can filter the list of processes displayed in the queue using the **Processes & Devices** pane.

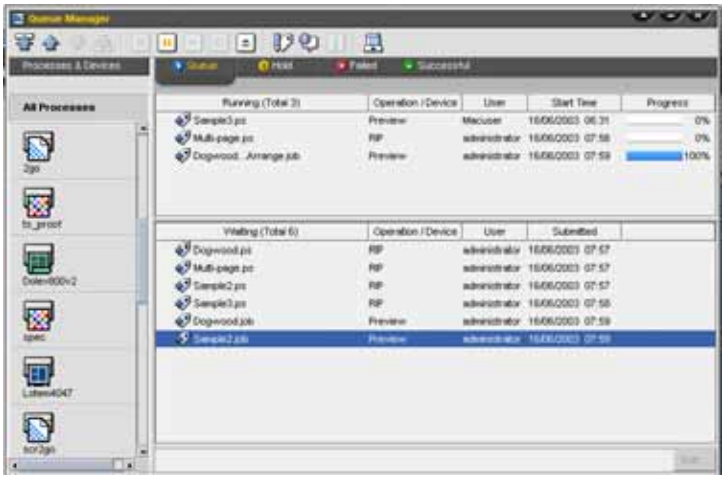


1. On the **Processes & Devices** pane, click **All Processes.**
2. Click only the names of the devices you want to display.

Only processes that are associated with these devices are listed.

Moving a Process in the Queue

You can change the order of a process in the **Waiting** or **Hold** queues by changing its location in the **Waiting** list.



1. In the **Waiting** queue, select a Brisque Job or process.
2. Use the arrows on the **Queue Manager** toolbar to move the Job or process upwards or downwards.



Note: Only system administrators can use this feature and move processes in the queue.

Resubmitting a Job Ticket

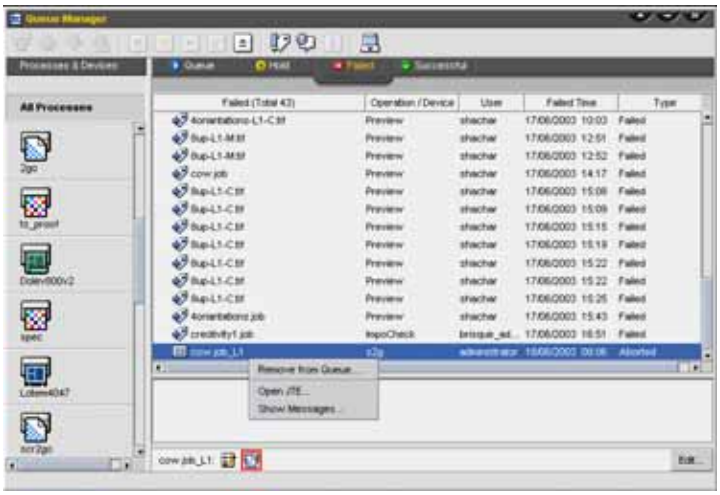
When you click a process name on the **Queue** tab, its operations are listed at the bottom of the Queue Manager window with the current stage marked in blue.

When you click a process name on the **Failed** tab, its operations are listed at the bottom of the Queue Manager window with the failed step marked in red.

If a Job ticket has failed, you can access the Job Ticket Editor (JTE) and resubmit the Job ticket to the queue.

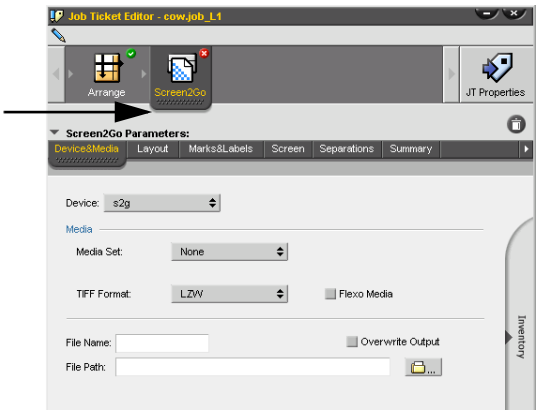
To resubmit a Job ticket:

1. Right-click the Job ticket you want to resubmit.



2. Select **Open Job Ticket Editor**.

The operation that caused the Job ticket to fail is marked in the **template** section.



3. In the Job Ticket Editor window, make the appropriate changes and click **Resubmit**.
4. Resubmit the Job ticket from the first step or from the failed step.

Module Wrap-up

Having completed this module, you should now be able to:

- Set the Plate Expose parameters
- Expose a typical Brisque Imposition Job
- Monitor workloads and device status

Self-Assessment #4: Exposing and Monitoring Brisque Jobs

This self-assessment activity will help you:

- Confirm your knowledge of exposing and monitoring Brisque Jobs.
- Identify areas for more practice

Important: You are responsible for your own learning. If you do not understand any of the components of this course, be sure to let your instructor know. This form can serve as a tool to communicate to your instructor any issues or problems you may have.

How well are you doing?

Check the box that best represents your confidence in your ability to do each task.

	Very High	High	Average	Low	Very Low
Set the Plate Expose Parameters	☐	☐	☐	☐	☐
Monitor Production	☐	☐	☐	☐	☐

Areas where you feel you need more training and practice:

1.

2.

3.