Installation Guide

English

TSP/TSP_U

653-00766A-EN Rev A
Internal 731-00163A-EN Rev A

www.creo.com

TSP/TSP_U

Installation Guide

creo™

Copyright

Copyright © 2004 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, and the Acrobat logo are registered trademarks of Adobe Systems Incorporated, and are registered in the U.S. Patents and Trademark Office and may be registered in other jurisdictions.

Apple, AppleTalk, AppleShare, EtherTalk, LocalTalk, Macintosh, and LaserWriter are trademarks of Apple Computer, Inc.

Microsoft, Windows, Windows 2000, and Windows NT are trademarks or registered trademarks of Microsoft Corp.

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	5,325,217	5,532,728	5,742,743	5,996,499	6,158,345	6,353,216
4,558,302	5,339,176	5,561,691	5,764,374	5,998,067	6,159,659	6,366,339
4,743,091	5,343,059	5,568,595	5,764,381	6,003,442	6,164,637	6,371,026
4,992,864	5,355,446	5,576,754	5,771,794	6,014,471	6,180,325	6,377,739
5,049,901	5,359,451	5,579,115	5,785,309	6,016,752	6,181,362	6,387,597
5,079,721	5,359,458	5,592,309	5,813,346	6,031,932	6,181,439	6,396,422
5,103,407	5,367,360	5,594,556	5,818,498	6,043,865	6,186,068	6,396,618
5,111,308	5,384,648	5,600,448	5,854,883	6,060,208	6,189,452	6,407,849
5,113,249	5,384,899	5,608,822	5,861,904	6,063,528	6,191,882	6,414,755
5,122,871	5,412,491	5,615,282	5,861,992	6,063,546	6,204,874	6,422,801
5,124,547	5,412,737	5,625,766	5,875,288	6,072,518	6,208,369	6,435,091
5,132,723	5,420,702	5,636,330	5,894,342	6,090,529	6,214,276	6,441,914
5,150,225	5,420,722	5,649,220	5,900,981	6,096,461	6,217,965	6,450,092
5,153,769	5,459,505	5,650,076	5,934,196	6,098,544	6,260,482	6,456,396
5,155,782	5,473,733	5,652,804	5,942,137	6,107,011	6,266,080	6,476,931
5,157,516	5,481,379	5,680,129	5,946,426	6,112,663	6,266,134	6,477,955
5,208,818	5,488,906	5,691,823	5,947,028	6,115,056	6,267,054	6,509,903
5,208,888	5,497,252	5,691,828	5,958,647	6,121,996	6,268,948	6,541,181
5,247,174	5,508,828	5,696,393	5,966,504	6,130,702	6,283,589	6,545,772
5,249,067	5,509,561	5,699,174	5,969,872	6,134,393	6,295,076	6,564,018
5,283,140	5,517,359	5,699,740	5,973,801	6,136,509	6,299,572	
5,291,273	5,519,852	5,708,736	5,986,819	6,137,580	6,318,266	
5,323,248	5,526,143	5,713,287	5,995,475	6,147,789	6,352,816	

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 731-00163A-EN Rev A

Revised February 2004

Contents

1 Introduction 1

Using This Guide 2
Introducing the TSP_U Board 3
Device and Platform Configuration 4
- Lotem CTP Families 4
- Trendsetter Family 5
- Dolev Family 6
- Other 6

2 TSP Board Installation 7

Overview 8
Installing One TSP Board 8
- Brisque 43P-150 Platform 9
- Brisque 44P-170 Platform 10
- Brisque F50 Platform 12
- Brisque 6F1 Platform 13
- Brisque 6E3 Platform 15
- Brisque 6E4 Platform 16

Installing Two TSP Boards 17
- Brisque 44P-170 Platform 17
- Brisque F50 Platform 19
- Brisque 6F1 Platform 21
- Brisque 6E3 Platform 23
- Brisque 6E4 Platform 24

Installing TSP Board on Macintosh 26

3 TSP Cable Connection 29

TSP Slot Assignment Per Brisque Platform 30
Trendsetter MCE Family 31
Lotem 800 II S & F, Lotem 800 II Quantum S & F, Lotem 400 Quantum S 32
Lotem 400/Lotem 800 (FH), ThermoFlex Mid/Narrow 34
Dolev Family 35

4 Configuration 37

Configuration Procedures 38

1 Introduction

Using This Guide 2
Introducing the TSP_U Board 3
Device and Platform Configuration 4
Lotem CTP Families 4
Trendsetter Family 5
Dolev Family 6
Other 6

Using This Guide

The TSP/TSP_U Installation Guide describes the various TSP configurations, depending on your Brisque® or Macintosh® platform, and your output device.



Note: Although this guide also includes the Macintosh platform, most of the information pertains to the various Brisque platforms. Therefore, the term Brisque will be used when referring to the workflow platform, unless there are differences between the platforms.

This guide includes the following information:

- Does your Brisque platform require one or two TSP boards, and does it support a TSP or TSP_U board.
- How to install the TSP or TSP_U board in the Brisque.
- How to connect the TSP cable between the Brisque and device.
- References to configuration procedures that are required after TSP installation.

To help you locate the specific information for your device and Brisque platform, key information is presented in a table format, arranged according to device families and Brisque platform. It is important that you locate the exact information for your device and Brisque platform.

This guide includes the following chapters:

- **Chapter 1** (this chapter): Introducing the new TSP_U board, and the device and Brisque configuration table
- **Chapter 2**, Installing the TSP board
- **Chapter 3**, Connecting the TSP cable
- **Chapter 4**, Configuring the output device

Introducing the TSP_U Board

The TSP_U is a new unified board, and its design is based on the current TSP board. The functionality of both boards is the same.

The differences between TSP and TSP_U in terms of slot usage:

- The TSP board can be installed only in a 5V slot (physically, you cannot insert a TSP board into a 3.3V slot).
- The TSP_U can be installed in either a 3.3V or a V5 slot.

The differences between TSP and TSP_U in terms of platform support:

- TSP_U can replace any TSP currently existing in the field, in any Brisque and Macintosh platform that is compatible with the current TSP.
- The new Brisque platforms, namely 6E3 and 6E4, and the new Macintosh G5 platform are compatible only with TSP_U. For these platforms, you can only use the TSP_U board.
- In Brisque platforms that are compatible with both board types (namely, all platforms excluding 6E3, 6E4 and Mac G5), and that require 2 TSP boards, you can install 1 TSP board and 1 TSP_U board on the same Brisque or Macintosh. This feature is useful for logistics and spares inventory.

Device and Platform Configuration

The table below lists the available configurations of the different output devices, Brisque platforms and number of TSP boards.

Lotem CTP Families

Output Device	Brisque Platform					
	43P-150	44P-170	6F1	F50	6E3	6E4
Lotem 800 II Lotem 800 II Spectrum S & F speed Lotem 800 II Quantum S & F speed	not applicable	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U
Lotem 800 II Spectrum V speed Lotem 400 II Quantum V speed Lotem 800 II Quantum V speed	not applicable	2xTSP / TSP_U	2xTSP / TSP_U	2xTSP / TSP_U	2xTSP_U	2xTSP_U
Lotem 400 Quantum S speed	not applicable	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U
ThermoFlex Narrow (2630) ThermoFlex Mid (4045/4048) Lotem 400/Lotem 800 (FH)	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U

Trendsetter Family

Output Device	Brisque Platform					
	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



Note: For Trendsetter Spectrum, the number of TSP boards depends on the Trendsetter speed (S, F or V).

Dolev Family

Output Device	Brisque Platform					
	43P-150	44P-170	6F1	F50	6E3	6E4
Dolev 800V+/ 800V^2 Dolev 800V^3 (TSP100) Dolev 4press family	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U



Note: For Macintosh G5 only TSP_U can be used. For Dolev 800V^3 with Macintosh G5 only TSP100_U can be used. For other Macintosh platforms, you can use TSP or TSP_U.

Other

Output Device	Brisque Platform					
	43P-150	44P-170	6F1	F50	6E3	6E4
Screen2Go	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U
Kodak XP4 - TSP & TCP/IP	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP / TSP_U	1xTSP_U	1xTSP_U

2

TSP Board Installation

Overview **8**

Installing One TSP Board **8**

Brisque 43P-150 Platform 9

Brisque 44P-170 Platform 10

Brisque F50 Platform 12

Brisque 6F1 Platform 13

Brisque 6E3 Platform 15

Brisque 6E4 Platform 16

Installing Two TSP Boards **17**

Brisque 44P-170 Platform 17

Brisque F50 Platform 19

Brisque 6F1 Platform 21

Brisque 6E3 Platform 23

Brisque 6E4 Platform 24

Installing TSP Board on Macintosh **26**

Overview

This chapter describes where the TSP/TSP_U board(s) is inserted into the device, for one TSP and two TSP configurations, whenever applicable.



Note: TSP refers to the entire TSP board family, including TSP-25, TSP-100, TSP_U-75, and TSP_U-100.

The following table summarizes the slot assignment and slot IDs per Brisque platform, for one and two TSP configurations.

Brisque platform	one TSP configuration	two TSP configuration
43P-150	slot 3 (10-90)	not applicable
44P-170	slot 4 (10-70)	slots 4 & 5 (10-70, 10-78)
F50	slot 5 (10-78)	slots 5 & 6 (10-78, 30-60)
6F1	slot 7 (2A-08)	slots 7 & 11 (2A-08, 34-08)
6E3	slot 5 (1H-08)	slots 4 & 5 (1H-08, 1N-08)
6E4	slot 6 (11-08)	slots 5 & 6 (1D-08, 11-08)

Installing One TSP Board

One TSP board may be installed in the following platforms:

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



Note: The slot into which the TSP board is inserted is platform-dependent, so it is important that you follow the instructions for your particular platform, as provided in this section.

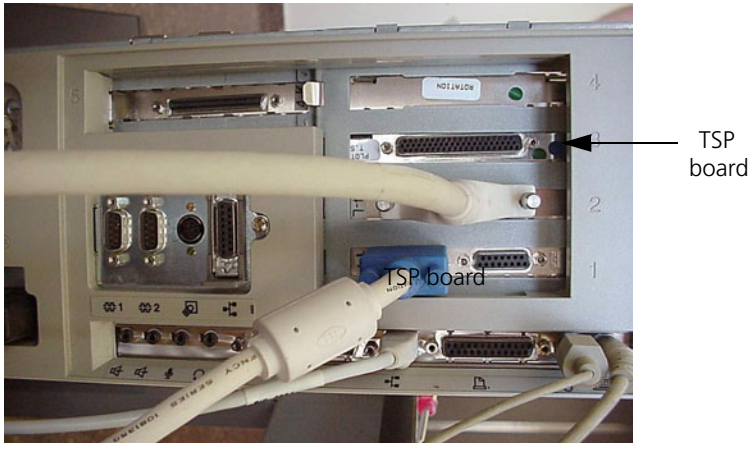
Brisque 43P-150 Platform

To install the TSP board:

1. Shut down the output 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 slot 3.

Note: The TSP kit is supplied with brackets. Mount brackets on the board before inserting board in slot.

6. Insert the TSP board in slot 3. The following figure shows the rear view of the 43P-150 platform:



7. Replace computer cover.
8. Reconnect the Brisque power cord.
9. Power **on** the Brisque.
10. Log in as `root` with your password.
11. To check if the TSP board is recognized:
    From Brisque, at the command line prompt, use the **lsdev -Cspci** command to verify that nsp0 is located in slot 3 (slot ID 10-90) 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.

Brisque 44P-170 Platform

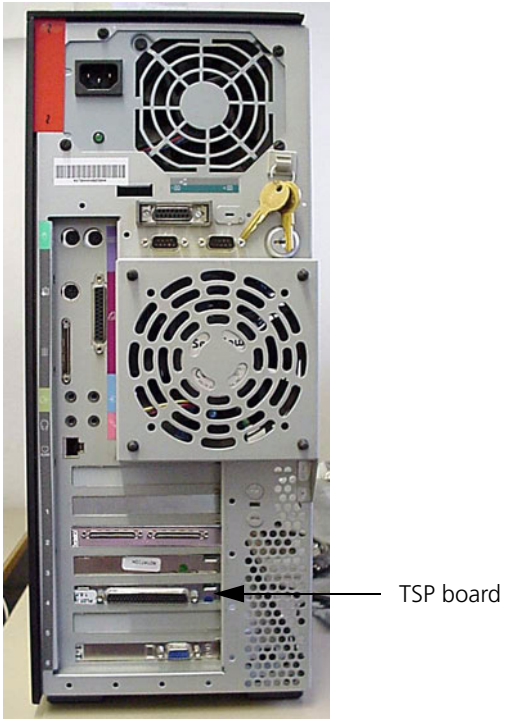
To install the TSP board:

1. Shut down the output 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 slot 4.



Note: The TSP kit is supplied with brackets. Mount brackets on the board before inserting board in slot.

6. Insert the TSP board in slot 4. The following figure shows the rear view of the 44P-170 platform:



7. Replace computer cover.
8. Reconnect the Brisque power cord.
9. Power **on** the Brisque.
10. Log in as `root` with your password.
11. To check if the TSP board is recognized:
    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 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.

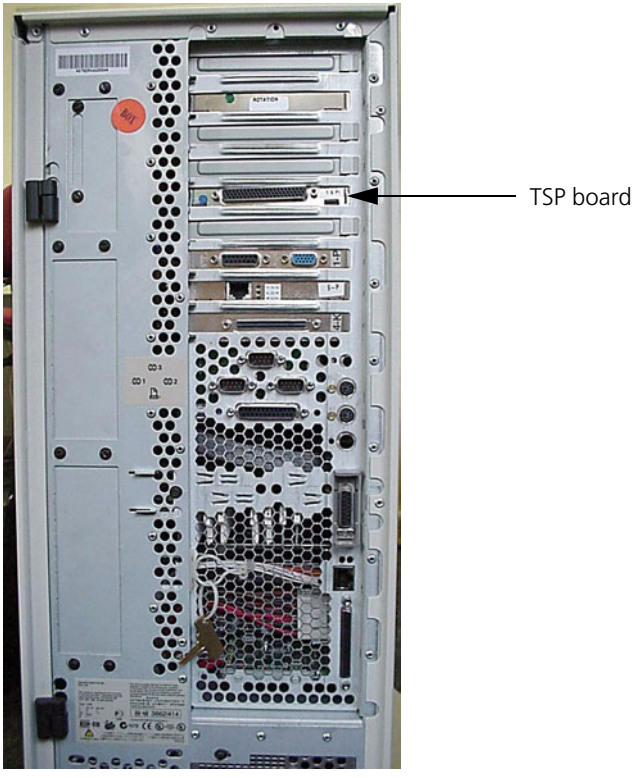
Brisque F50 Platform

To install the TSP board:

1. Shut down the output 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 slot 5.

Note: The TSP kit is supplied with brackets. Mount the brackets on the board before inserting the board in slot.

6. Insert the TSP board in slot 5. The following figure shows the rear view of the F50 platform



7. Replace computer cover.
8. Reconnect the Brisque power cord.

9. Power **on** the Brisque.
10. Log in as `root` with your password.
11. To check if the TSP board is recognized:
    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 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.

Brisque 6F1 Platform

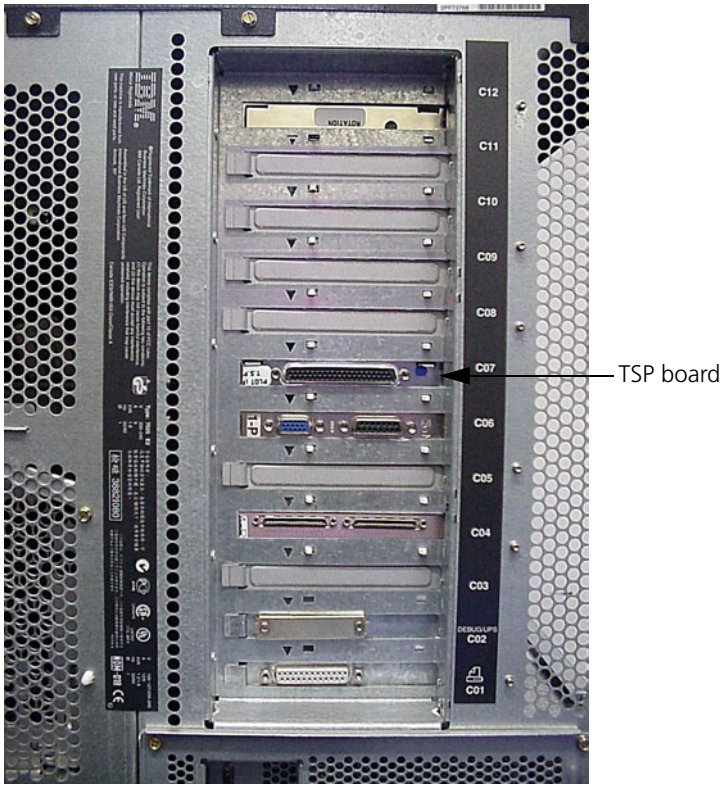
To install the TSP board:

1. Shut down the output 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 slot 7.



Note: The TSP kit is supplied with brackets. Mount brackets on boards before inserting boards in slots.

6. Insert the TSP board in slot 7. The following figure shows the rear view of the 6F1 platform:



7. Replace computer cover.
8. Reconnect the Brisque power cord.
9. Power **on** the Brisque.
10. Log in as `root` with your password.
11. To check if the TSP board is recognized:
    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 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.

Brisque 6E3 Platform

Installing the TSP_U board requires the following:

- TSP_U board
- Brisque software version 5 or higher.



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

To install the TSP board:

1. Shut down the output 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 board in slot 5.
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 Brisque.
11. Log in as `root` with your password.

12. To check if the TSP board is recognized:
    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 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.

Brisque 6E4 Platform

Installing the TSP board requires the following:

- TSP-U board
- Brisque software version 5.0 or higher

To install the TSP board:



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

1. Shut down the output 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 board in slot 6.
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 Brisque.
11. Log in as `root` with your password.

12. To check if the TSP board is recognized:
    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 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.

Installing Two TSP Boards

Two TSP boards may be installed in the following platforms:

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



Note: The slots into which the TSP boards are inserted are platform-dependent, so it is important that you follow the instructions for your particular platform, as provided in this section.

Brisque 44P-170 Platform

To install the TSP board:

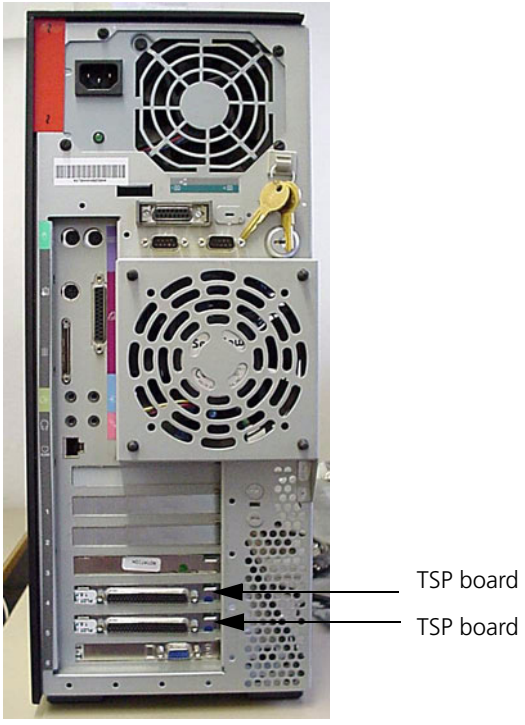
1. Shut down the output device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 4 and 5.



Note: The TSP kit is supplied with brackets. Mount the brackets on the boards before inserting the boards in the slots.

6. Insert the first TSP board in slot 4.
7. Insert the second TSP board in slot 5.

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



8. Replace computer cover.
9. Reconnect the Brisque power cord.
10. Power **on** the Brisque.
11. Log in as `root` with your password.
12. To check if the slot configuration is correct and if the TSP board is recognized:
    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 available, that and nsp1 is located in slot 5 (slot ID 10-78) 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 4, 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 boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

Brisque F50 Platform

To install the TSP board:

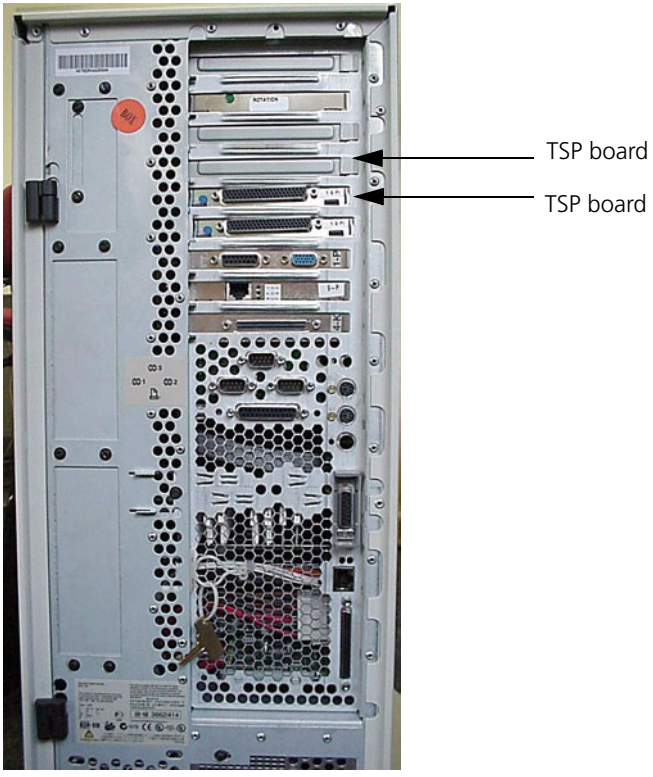
1. Shut down the output device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 5 and 6.



Note: The TSP kit is supplied with brackets. Mount the brackets on the boards before inserting the boards in slots.

6. Insert the first TSP board in slot 5.

7. Insert the second TSP board in slot 6. The following figure shows the rear view of the F50 platform.



8. Replace computer cover.
9. Reconnect the Brisque power cord.
10. Power **on** the Brisque.
11. Log in as `root` with your password.
12. To check if the slot configuration is correct and if the TSP 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 10-78) and nsp1 is located in slot 6 (slot ID 30-60) 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, 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 boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

Brisque 6F1 Platform

To install the TSP board:

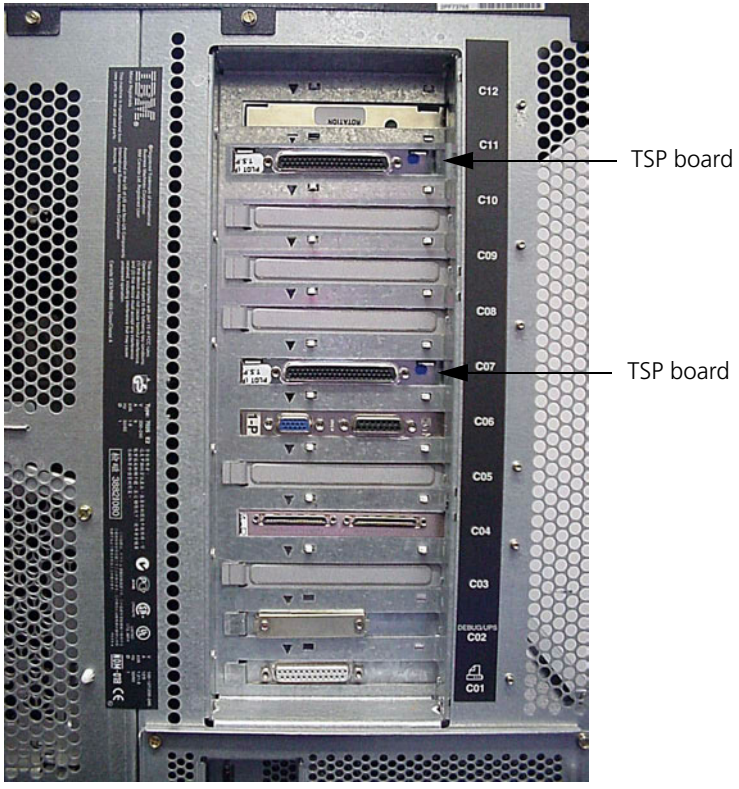
1. Shut down the output device.
2. Shut down the Brisque using the appropriate shutdown commands.
3. Disconnect the Brisque power cord.
4. Remove computer cover.
5. Remove the expansion slot covers from slots 7 and 11.



Note: The TSP kit is supplied with brackets. Mount the brackets on the boards before inserting the boards in the slots.

6. Insert the first TSP board in slot 7.
7. Insert the first TSP board in slot 11.

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



8. Replace computer cover.
9. Reconnect the Brisque power cord.
10. Power **on** the Brisque.
11. Log in as `root` with your password.
12. To check if the slot configuration is correct and if the TSP board is recognized:
    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) 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 11 and nsp1 is located in slot 7, 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 boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

Brisque 6E3 Platform

Installing the TSP_U boards requires the following:

- TSP_U board
- Brisque software version 5 or higher.



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

To install the TSP boards:

1. Shut down the output 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 in slot 4, and the second TSP in slot 5.
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 Brisque.
11. Log in as `root` with your password.

12. To check if the slot configuration is correct and if the TSP 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 boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

Brisque 6E4 Platform

Installing the TSP boards requires the following:

- TSP-U board
- Brisque software version 5.0 or higher

To install the TSP board:



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

1. Shut down the output 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 in slot 6, and the second TSP in slot 5.

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 Brisque.
11. Log in as `root` with your password.
12. To check if the slot configuration is correct and if the TSP 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 boards, the expose operation will stop responding at 99% completion and lines will appear on the plate.

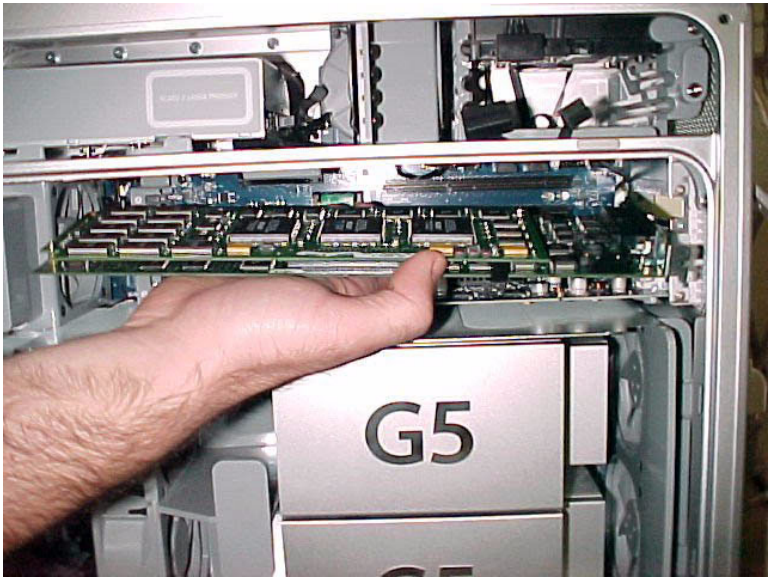
Installing TSP Board on Macintosh

The following describes how to install a TSP board on a Macintosh computer.

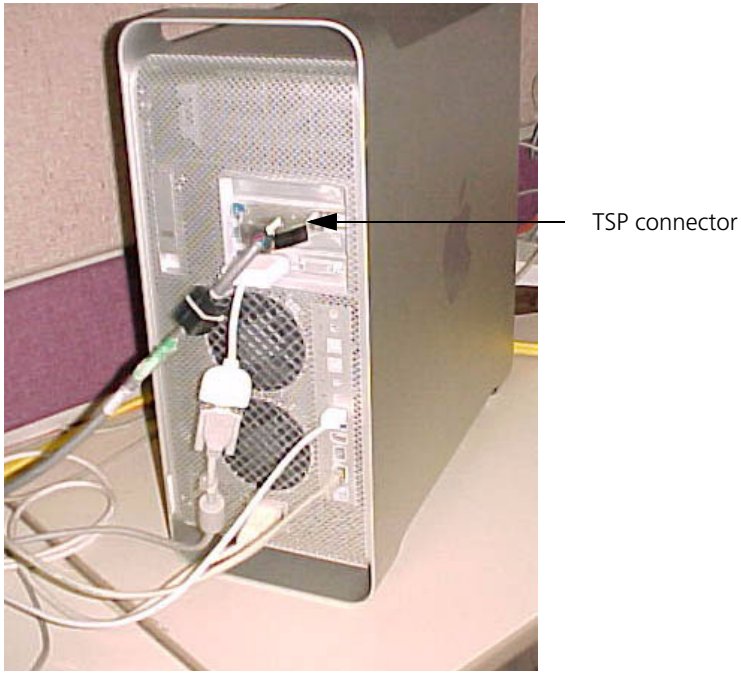
Note: You can install only a TSP_U board in a Macintosh G5. Previous Macintosh computers can have a TSP board.

1. Turn off the Dolev imagesetter and the Macintosh.
2. Open the computer: lift the back panel latch, remove the side panel, and the plastic side panel.
3. Install the TSP board in the computer, and replace the screws.

Note: The figures below show a Macintosh G5.



4. Connect the TSP cable to the 62-pin connector of the TSP board .



5. Power **on** the Dolev imagesetter and verify that it is in standby mode.

3

TSP Cable Connection

TSP Slot Assignment Per Brisque Platform 30

Trendsetter MCE Family.....31

Lotem 800 II S & F, Lotem 800 II Quantum S & F, Lotem 400 Quantum S 32

Lotem 400/Lotem 800 (FH), ThermoFlex Mid/Narrow.....34

Dolev Family 35

TSP Slot Assignment Per Brisque Platform

This chapter describes, per device family, how to connect the TSP cable from the TSP board in the Brisque to the device. The slot assignment of the TSP cable depends on the Brisque platform, as detailed in the table below.

Brisque Platform	slots	lsdev	TSP cable label
43P-150	3	nsp0	TSP1
44P-170	4 *	nsp0	TSP1
	5	nsp1	TSP2
F50	5 *	nsp0	TSP1
	6	nsp1	TSP2
6F1	7 *	nsp0	TSP1
	11	nsp1	TSP2
6E3	5 *	nsp0	TSP1
	4	nsp1	TSP2
6E4	6 *	nsp0	TSP1
	5	nsp1	TSP2

* - This is the slot assignment for one TSP configurations.



Note: In two TSP configurations, it is important that you verify that the labels marked on the TSP connector are connected to the correct TSP board.

It is recommended that you connect the device and the Brisque to the network before connecting the TSP cable.



Note: There is no TSP cable for Screen2Go, Kodak XP, Trendsetter MPE and VLF, and Thermoflex Wide.

Trendsetter MCE Family

This section describes how to connect the TSP cable between the Trendsetter and the Brisque.

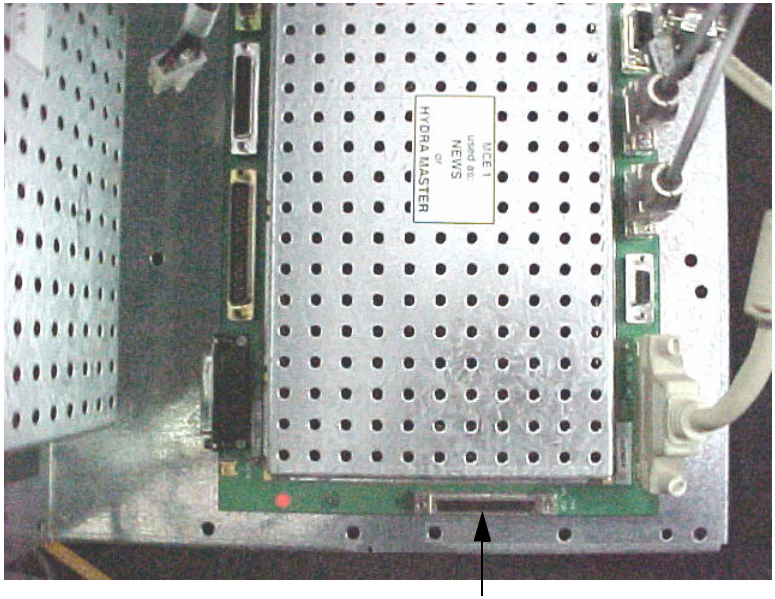
For one TSP configurations, use TSP cable # 199D20025A.
For two TSP configurations, use TSP cable # 199D20022.

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

To connect the TSP cable to the Trendsetter:

Note: The TSP cable is normally connected to the Trendsetter in the factory. But if it is not, you need to connect it as instructed in the following procedure.

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



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 the cover and then using the appropriate screwdriver, remove the inner metal cover plate.

To connect the TSP cable to the Brisque:

Note: When connecting the TSP cable to your Brisque platform, refer to the table on page 30.

1. For one TSP configurations: connect the 72-pin end of the TSP cable to the connector of the TSP board which is inserted into the assigned slot in the Brisque (as performed in *Chapter 2, TSP Board Installation* on page 7).
2. For two TSP configurations: connect the 72-pin end of the TSP cable that is labelled TSP1 to the assigned slot (as performed in *Chapter 2, TSP Board Installation* on page 7), and connect the other 72-pin end of the TSP cable that is labelled TSP2 to the assigned slot.

Lotem 800 II S & F, Lotem 800 II Quantum S & F, Lotem 400 Quantum S

This section describes how to connect the TSP cable between the Lotem 800 II S & F, Lotem 800 II Quantum S & F and Lotem 400 Quantum S platesetters, and the Brisque.

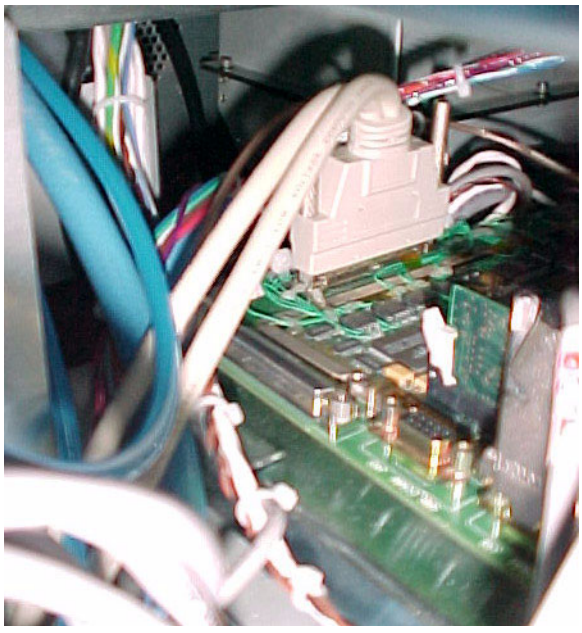
Note: The descriptions below apply to Lotem 400 Quantum, Lotem 800 Quantum and Lotem 800 II families.

For one TSP configurations, use TSP cable # 199D20025A
For two TSP configurations, use TSP cable # 199D20022.

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

To connect the TSP cable to the Lotem:

Connect one end of the TSP cable to connector J44 on the TMCE board in the Lotem. The following figure shows the connector location.



Note: To access the TSP J44 connector: open the left side door. On the Lotem 800 II /800 II Quantum, you can also access it by removing the lower rear panel.

To connect the TSP cable to the Brisque:

Note: When connecting the TSP cable to your Brisque platform, refer to the table on page 30.

1. For one TSP configurations: connect the 72-pin end of the TSP cable to the connector of the TSP board which is inserted into the assigned slot in the Brisque (as performed in *Chapter 2, TSP Board Installation* on page 7).
2. For two TSP configurations: connect the 72-pin end of the TSP cable that is labelled TSP1 to the assigned slot (as performed in *Chapter 2, TSP Board Installation* on page 7), and connect the other 72-pin end of the TSP cable that is labelled TSP2 to the assigned slot.

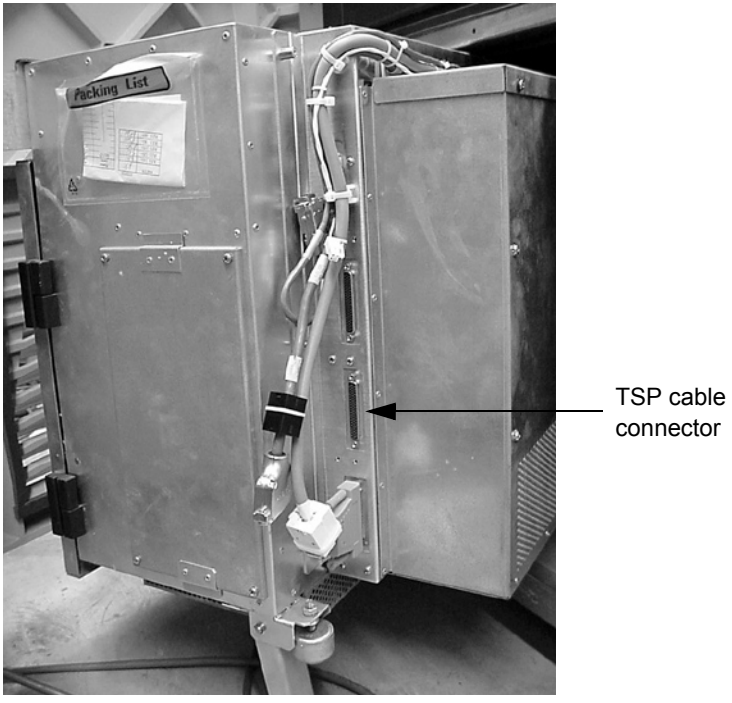
Lotem 400/Lotem 800 (FH), ThermoFlex Mid/Narrow

Only one TSP configuration is applicable for the Lotem 400/Lotem 800 (FH) and the ThermoFlex Mid/Narrow platesetters.
Use TSP cable # 504L1L670.

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

To connect the TSP cable to the Lotem:

Connect one end of the TSP cable to the TSP connector in the Lotem. The following figure shows the location of the TSP connector.



Note: To access the TSP connector: open the left side door.

To connect the TSP cable to the Brisque:

Note: When connecting the TSP cable to your Brisque platform, refer to the table on page 30.

Connect the other end of the TSP cable to the connector of the TSP board which is inserted into the assigned slot in the Brisque (as performed in *Chapter 2, TSP Board Installation* on page 7).

Dolev Family

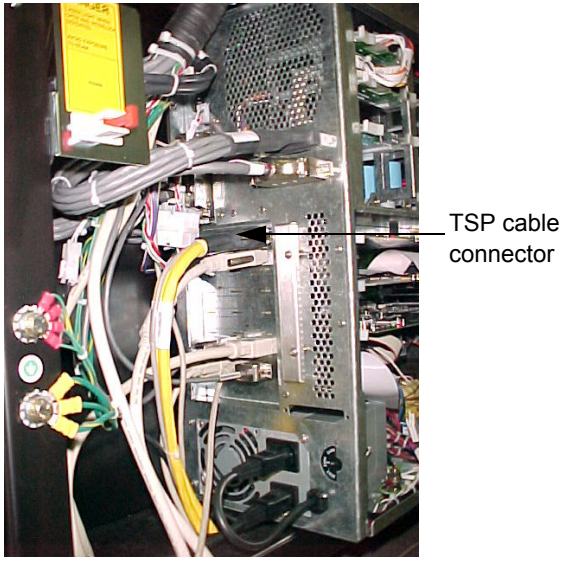
Only one TSP configuration is applicable for Dolev imagesetters.
Use TSP cable # 199D06226.

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

To connect the TSP cable to the Dolev:

Connect one end of the TSP cable to the SOMC board port (COM3 or COM4) in Dolev. The following figure shows the location of the SOMC port.

Note: For Dolev 2XX/4XX, connect the TSP cable to the electronic box.



Note: To access the TSP connector, open the right side door.

To connect the TSP cable to the Brisque:



Note: When connecting the TSP cable to your Brisque platform, refer to the table on page 30.

Connect the other end of the TSP cable to the connector of the TSP board which is inserted into the assigned slot in the Brisque (as performed in *Chapter 2, TSP Board Installation* on page 7).

4 Configuration

Configuration Procedures.....38

Configuration Procedures

After installing the TSP board(s) and connecting the TSP cable between the device and Brisque, you need to configure the device on the Brisque. Configuration is required when a new device is added to the site, when the logical name of the device is changed, when a new TSP board is installed in the Brisque or when your Brisque platform is changed.



Important: It is important that the TCP/IP connection between the Brisque and the device or Print Console is up and running before you perform the configuration procedure.

For most devices, the configuration is detailed in the *Brisque 4.0 User Guide, Part 4 - Output Operations, Chapter 38, Configuring Output Devices (part # 399Z1R390B)*. When this guide is not applicable, another reference is provided.

The specific procedure depends on the device type. Unless otherwise mentioned, the references below are to specific pages in the above mentioned *Brisque 4.0 User Guide, Chapter 38, Configuring Output Devices*:

- Lotem 400 Quantum, Lotem 800 Quantum and Lotem 800 II families - *Configuring a Lotem Quantum Platesetter on page 16*.
- Lotem 400 (FH) and ThermoFlex Mid/Narrow - *Configuring a Lotem Platesetter on page 6*.
- Dolev family - *Configuring a Dolev Imagesetter on page 27*.
- Lotem Spectrum - *Configuring a Lotem Spectrum Halftone Proofer on page 45*.
- Trendsetter Spectrum - *Configuring a Trendsetter Spectrum Halftone Proofer on page 51*.
- Kodak XP - *Configuring a Kodak XP Halftone Proofer on page 57*.
- Screen2Go - *Configuring Screen2Go on page 67*.
- Trendsetter MPE/VLF - *Configuring a Trendsetter Platesetter on page 20*.
- Trendsetter MCE - refer to *Brisque to Trendsetter MCE (V model) Direct Connectivity via TSP, Chapter 2, part # 653-00501C,* and *Brisque to Trendsetter MPE (S and F models) Direct Connectivity via TSP, Chapter 2, part # 653-00500C*.

In **Brisque 5**, refer to the relevant configuration procedures in the Brisque 5 Online Help, that is part of the Brisque application.

www.creo.com | creo™