What’s New in the Documentation for Traverse and TransNav?
TR3.2.4/TN4.2.4    May 2010    Edition 1
WHAT’S NEW IN THE DOCUMENTATION?

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New Features in this Release

Introduction
This document describes changes in the customer documentation for the Traverse system, TraverseEdge system, and TransNav management system products. This document includes the following topics:
• Supported Product Releases
• What’s New?
• Documentation Sets

Supported Product Releases
This documentation supports the following product releases:
• Traverse release TR3.2.4
• TransNav release TN4.2.4
• TE-100 release TE3.2.3
**What's New?**

This document lists the features in the TR3.2.4 and TN4.2.4 release series and the corresponding document where the most information about that feature can be found.

### Table 1 What's New?

<table>
<thead>
<tr>
<th>Release Feature</th>
<th>Document Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Traverse Hardware</strong></td>
<td></td>
</tr>
<tr>
<td>UGCM-XM</td>
<td>Traverse Overview Guide, Section 3—Card (Module) Descriptions, Chapter 1—“General Control Module (GCM) Cards,” GCM Card Types</td>
</tr>
<tr>
<td>24-port DS3-CC</td>
<td>Traverse Overview Guide, Section 3—Card (Module) Descriptions, Chapter 7—“Electrical Cards,” 24-Port DS3/E3/EC-1 Clear Channel Card</td>
</tr>
<tr>
<td><strong>New Traverse Software</strong></td>
<td></td>
</tr>
<tr>
<td>GCM memory usage monitor</td>
<td>Operations and Maintenance Guide, Section 4—Diagnostics, Chapter 5—“Other Diagnostics,” GCM Memory Usage Monitor</td>
</tr>
<tr>
<td>Increased number of low order end-to-end SONET services available when used with UGCM-XM (extended memory GCM) card</td>
<td>TransNav Provisioning Guide, Section 4—Creating Service Applications, Chapter 4—“Creating SONET Low Order End-to-End Services and Tunnels,” Rules and Limitations for SONET Low Order End-to-End Services</td>
</tr>
<tr>
<td>Link Aggregation Control Protocol (LACP) provides coordinated link membership of Traverse LAG capabilities.</td>
<td>TransNav Provisioning Guide, Section 7—Configuring Ethernet, Chapter 3—“Link Aggregation”</td>
</tr>
<tr>
<td>Low order end-to-end services are available for SONET services with DS1/VT1.5 endpoints.</td>
<td>TransNav Provisioning Guide, Section 4—Creating Service Applications, Chapter 4—“Creating SONET Low Order End-to-End Services and Tunnels”</td>
</tr>
<tr>
<td>Automatic in Service allows alarms and PM reports to be automatically suppress from ports that are not intended to be in service.</td>
<td>Operations and Maintenance Guide, Section 1—Fault Management, Chapter 1—“Managing Events and Alarms,” Automatic Suppression of Service CTP Path Alarms Operations and Maintenance Guide, Section 1—Fault Management, Chapter 1—“Managing Events and Alarms,” Viewing Event Details TransNav Provisioning Guide, Section 2—Configuring TDM Equipment, Chapter 2—“Configuring SONET Equipment,” Configure SONET Ports</td>
</tr>
<tr>
<td><strong>System and TransNav Enhancements</strong></td>
<td></td>
</tr>
<tr>
<td>Automatically discovered nodes are listed on the Discovery List.</td>
<td>TransNav Provisioning Guide, Section 1—Configuring the Network, Chapter 2—“Discover the Network” TransNav Management System GUI Guide, Section 3—Network, Chapter 2—“Network Auto Discovery”</td>
</tr>
<tr>
<td>Administrators can block users from logging into the system.</td>
<td>TransNav Management System Server Guide, Section 2—Management Server Procedures, Chapter 3—“Server Administration Procedures,” Setting Administrative Options</td>
</tr>
<tr>
<td>Release Feature</td>
<td>Document Reference</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Administrators can terminate multiple user sessions simultaneously.</td>
<td>TransNav Management System Server Guide, Section 2—Management Server Procedures, Chapter 3—“Server Administration Procedures,” Terminating User Sessions in Bulk</td>
</tr>
<tr>
<td>The availability status of services is displayed</td>
<td>TransNav Management System GUI Guide, Section 6—Services, Chapter 6—“Managing Services”</td>
</tr>
<tr>
<td>New message features:</td>
<td>TransNav Management System Server Guide, Section 2—Management Server Procedures, Chapter 3—“Server Administration Procedures”</td>
</tr>
<tr>
<td>• Broadcast messages: Allow administrators to send messages to all users logged into the server. Messages are displayed immediately.</td>
<td></td>
</tr>
<tr>
<td>• Message of the Day: Allows administrators to display messages to users when the users logon to the TransNav server.</td>
<td></td>
</tr>
<tr>
<td>• Security warning: Administrators can set a security warning that is shown during user logon for Node- and Server-GUI.</td>
<td></td>
</tr>
<tr>
<td><strong>TE-100 Enhancements</strong></td>
<td>TraverseEdge 100 User Guide</td>
</tr>
<tr>
<td>Updates to the TE3.2.3 release with maintenance enhancements</td>
<td></td>
</tr>
</tbody>
</table>
Force10 technical customer documentation includes the following sets in this release:

- Traverse System Product Documentation
- TransNav Management System Product Documentation
- Operations and Maintenance Documentation
- TraverseEdge 100 Documentation

The Traverse® system product documentation set includes the documents described in the table below.

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
<th>Target Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traverse Product Overview Guide</td>
<td>This document provides a detailed overview of the Traverse system. It also includes engineering and planning information, as well as card descriptions.</td>
<td>Anyone who wants to understand the Traverse system and its applications.</td>
</tr>
</tbody>
</table>
| Traverse Installation and Commissioning Guide | This document provides required equipment, tools, and step-by-step procedures for:  
  - Hardware installation  
  - Power cabling  
  - Network cabling  
  - Node power up  
  - Node start-up | Installers, field, and network engineers |
The TransNav™ management system product documentation set includes the documents described in the table below.

<table>
<thead>
<tr>
<th><strong>TransNav Management System Product Documentation</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Table 3 TransNav Management System Product Documentation</strong></td>
</tr>
<tr>
<td><strong>Document</strong></td>
</tr>
<tr>
<td>TransNav Management System Product Overview Guide</td>
</tr>
<tr>
<td>TransNav Management System Server Guide</td>
</tr>
<tr>
<td>TransNav Management System GUI Guide</td>
</tr>
<tr>
<td>TransNav Provisioning Guide</td>
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<tr>
<td>TransNav Management System CLI Guide</td>
</tr>
<tr>
<td>TransNav Management System TL1 Guide</td>
</tr>
</tbody>
</table>
Operations and Maintenance Documentation

The document below provides operations and maintenance information for the TransNav managed products.

Table 4 Operations Documentation

<table>
<thead>
<tr>
<th>Document</th>
<th>Description</th>
<th>Target Audience</th>
</tr>
</thead>
</table>
| Operations and Maintenance Guide | This document identifies required equipment and tools. It also provides step-by-step procedures for:  
• Alarms and recommended actions  
• Performance monitoring  
• Equipment LED and status  
• Diagnostics  
• Test access (SONET network only)  
• Routine maintenance  
• Software upgrades  
• Hardware upgrades | Field and network engineers |

TraverseEdge 100 Documentation

The TraverseEdge™ 100 (TE-100) User Guide includes information on the topics described in the table below.

Table 5 TraverseEdge 100 System Product Documentation

<table>
<thead>
<tr>
<th>Description</th>
<th>Target Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product overview information that provides a detailed overview of the TraverseEdge system.</td>
<td>Anyone who wants to understand the TraverseEdge system and its applications</td>
</tr>
<tr>
<td>Engineering and planning information.</td>
<td>Field and network engineers</td>
</tr>
</tbody>
</table>
| Installation and configuration information that identifies required equipment and tools and provides step-by-step procedures for:  
• Hardware installation  
• Power cabling  
• Network cabling  
• Node power up  
• Node start-up | Installers, field, and network engineers |
| Step-by-step procedures for provisioning a TraverseEdge network using the TransNav management system. Also see the TransNav Management System product documentation. | Network engineers, provisioning, and network operations center (NOC) personnel |
| Step-by-step procedures for configuring card and interface parameters of a TraverseEdge using the TransNav management system. Also see the TransNav Management System product documentation. | Network engineers, provisioning, and network operations center (NOC) personnel |
Step-by-step procedures for provisioning a TraverseEdge network using the TransNav management system. Also see the TransNav Management System product documentation. | Network engineers, provisioning, and network operations center (NOC) personnel

Step-by-step procedures for provisioning a TraverseEdge network using the TransNav management system. See the TransNav Management System product documentation. | Network engineers, provisioning, and network operations center (NOC) personnel
Contact Us

If You Need Help

If you need assistance while working with Traverse or TraverseEdge products, contact the Force10 Networks Technical Assistance Center (TAC). The Technical Assistance Center is available 24x7x365 and can be reached in any of the following ways:

- Inside the U.S., toll-free: 1.866.887.4638
- Outside the U.S.: 707.665.4355
- Email: Transport-Support@force10networks.com
- On the web: https://www.force10networks.com/support

Customers must maintain valid support contract to receive support. Force10 provides different support levels of service. Customers must purchase the applicable support level to receive 24x7x365 service.

Calling for Repairs

If repair is necessary for Traverse products, call the Force10 Repair Facility at 1.866.887.4638 for a Return Material Authorization (RMA) number before sending the unit. The RMA number must be prominently displayed on all equipment cartons. The Repair Facility is open from 6:00AM to 6:00PM Pacific Time, Monday through Friday.

When calling from outside the United States, use the appropriate international access code, and then call 707.665.4355 to contact the Repair Facility.

When shipping Traverse or TraverseEdge 100 equipment for repair, follow these steps:

1. Pack the unit securely.
2. Enclose a note describing the exact problem.
3. Enclose a copy of the invoice that verifies the warranty status.
4. Ship the unit PREPAID to the following address:
   Force10 Networks, Inc.
   Force10 Repair Facility
   Attn: RMA #
   1415 North McDowell Blvd.
   Petaluma CA 94954 USA

When shipping TraverseEdge 206 or TraverseEdge 2020 equipment for repair, follow these steps:

1. Pack the unit securely.
2. Enclose a note describing the exact problem.
3. Enclose a copy of the invoice that verifies the warranty status.
4. Ship the unit PREPAID to the following address:
   Force10 Networks, Inc.
   Force10 Repair Facility
   Attn: RMA # ________
   901 Jupiter Road, Doc F10
   Plano TX 75074 USA

Obtaining Documentation

Registered customers can find the most recent documentation on the Force10 Networks corporate website at www.force10networks.com. Select Services & Support, then Documentation. Click the plus sigh (+) next to the product type to see the most recent documentation manuals.

Documentation Feedback

Please send comments about Force10 technical documentation for the Traverse, TransNav, TN-Xpert, TE-100, TE-206, and TE-2020 transport products to transport-support@force10networks.com. We appreciate your comments.
Introduction

The All-In-One Documentation provides access to the documentation set for the Traverse, TransNav, and TE-100 products and includes the following topics:

![All-in-One Table of Contents](image)

Figure 1  All-in-One Table of Contents

Four tabs display making it convenient to find and view topics. The four tabs are:

- Contents
- Index
- Search
- Favorites

Force10 uses a program by Quadralay WebWorks to produce the All-In-One help system. Each WebWorks Help system incorporates two distinct implementations: one based on Java and the other based on JavaScript. The Java implementation uses a Java applet to display the Contents, Index, Search, and Favorites tabs. The JavaScript implementation provides similar functionality using only JavaScript. If your browser does not have Java enabled, then JavaScript will be used and you will not see a Favorites tab. If both Java and JavaScript are disabled on your browser, the browser will not be able to display the All-In-One help system.
Navigating through the All-in-One online help is easy to do from any tab you select. A brief description of navigating from each tab follows.

**Contents**

Click the Contents tab to view the top-level structure of the online documentation. To navigate through the documentation on the Contents tab, double-click the Closed Book icon to expand the topic. An Open Book icon displays in front of the expanded topic.

As you expand each section, notice it is set up in a book-like format with different sections and chapters making it convenient to view pages from any guide. Click any level on the Contents tab to go to the associated topic.

When you use the Index or Search function and click a topic, you go directly to the associated page. To locate that page in the Contents, click the Show in Contents icon at the top of the page. See **Online Help Icons** to see the available icons and their descriptions.

**Index**

The Index tab displays a fully integrated index of all guides. Click a letter at the top of the pane to go directly to that section of the Index. Select the topic you want to view to go directly to that topic.
Search

This tab contains a search text box allowing you to enter a word or group of words to search. The results display across all guides if All Available Books is selected, or you can narrow your search by product. If the phrase contains a hyphen (DS3-CC), search for the phrase without the hyphen also (DS3CC).

![Search Tab Image]

**Figure 4** Using the Search Tab
**Favorites**

The Favorites tab allows you to save any topic for future reference. If you often look up a particular subject, you can bookmark it here. After finding the topic, simply click the Favorites tab, then click **Add** to add the topic to your Favorites list. To remove the topic from your Favorites list, select the topic and then select **Remove** which displays in place of the **Add** button.

![Figure 5 Using the Favorites Tab](image)

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**Online Help Icons**

The following icons appear at the top of the right-hand online help window above the topic being viewed:

- Click the *Show in Contents* icon to locate the page in the Contents tab.
- Click the up or down arrows to go forward and backward through the document.
- Click the *envelope* icon to send feedback to Force10 Technical Support about a specific page.
- Click the *printer* icon to print the current page.