



About this Guide

This section explains the objectives, intended audience, and organization of this publication and describes the conventions that convey instructions and other information.



Note

The terms "Unidirectional Path Switched Ring" and "UPSR" may appear in Cisco literature. These terms do not refer to using Cisco ONS 15xxx products in a unidirectional path switched ring configuration. Rather, these terms, as well as "Path Protected Mesh Network" and "PPMN," refer generally to Cisco's path protection feature, which may be used in any topological network configuration. Cisco does not recommend using its path protection feature in any particular topological network configuration.

Revision History

Date	Notes
03/19/2007	Revision History Table added for the first time
03/23/2007	Corrected product part numbers for the UBIC-V and UBIC-H DS3 cables.
08/20/2007	Updated About this Guide chapter.

This section provides the following information:

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Document Objectives

The Engineering and Planning Guide provides information about the features, engineering guidelines, applications, configurations, and technical specifications for a Cisco ONS 15454 DWDM node and network. Use this guide in conjunction with the appropriate publications listed in the [Related Documentation](#) section.

Audience

To use this publication, you should be familiar with Cisco or equivalent optical transmission and telecommunications equipment. The Engineering and Planning Guide is intended for network planners and engineers.

Related Documentation

Use this Cisco ONS 15454 DWDM Engineering and Planning Guide, R7.x in conjunction with the following referenced publications:

- *Cisco ONS 15454 DWDM Procedure Guide, Release 7.2*
- *Cisco ONS 15454 DWDM Reference Manual, Release 7.2*
- *Cisco ONS 15454 DWDM Troubleshooting Guide, Release 7.0.1*
- *Cisco ONS 15454 DWDM MetroPlanner Operations Guide, Release 7.0.1*
- *Release Notes for the Cisco ONS 15454 Release 7.2*
- *Release Notes for the Cisco ONS 15454 SDH Release 7.2*

Document Conventions

This publication uses the following conventions:

Convention	Application
boldface	Commands and keywords in body text.
<i>italic</i>	Command input that is supplied by the user.
[]	Keywords or arguments that appear within square brackets are optional.
{ x x x }	A choice of keywords (represented by x) appears in braces separated by vertical bars. The user must select one.
Ctrl	The control key. For example, where Ctrl + D is written, hold down the Control key while pressing the D key.
screen font	Examples of information displayed on the screen.

Convention**Application****boldface screen font**

Examples of information that the user must enter.

< >

Command parameters that must be replaced by module-specific codes.

**Note**

Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the document.

**Caution**

Means *reader be careful*. In this situation, the user might do something that could result in equipment damage or loss of data.

**Warning****IMPORTANT SAFETY INSTRUCTIONS**

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. Statement 1071

SAVE THESE INSTRUCTIONS

Obtaining Optical Networking Information

This section contains information that is specific to optical networking products. For information that pertains to all of Cisco, refer to the [Obtaining Documentation and Submitting a Service Request](#) section.

Where to Find Safety and Warning Information

For safety and warning information, refer to the *Cisco Optical Transport Products Safety and Compliance Information* document that accompanied the product. This publication describes the international agency compliance and safety information for the Cisco ONS 15454 system. It also includes translations of the safety warnings that appear in the ONS 15454 system documentation.

Cisco Optical Networking Product Documentation CD-ROM

Optical networking-related documentation, including Cisco ONS 15xxx product documentation, is available in a CD-ROM package that ships with your product. The Optical Networking Product Documentation CD-ROM is updated periodically and may be more current than printed documentation.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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