Preface

Revised: March 2009, OL-17434-01

The *Cisco 4-Port Channelized OC-12 Line Card Installation and Configuration Guide* provides information related to installing, removing, and troubleshooting the 4-Port Channelized OC12 Line Card.

The preface contains the following sections:

- Changes to This Document
- Obtaining Documentation and Submitting a Service Request
- Objectives
- Organization

Changes to This Document

Table -1 lists the technical changes made to this document since it was first printed.

Table -1   Changes to This Document

Revision	Date	Change Summary
OL-17434-01	March 2009	Initial release of this document.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, 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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.

Objectives

This document provides an overview of the 4-Port Channelized OC12 Line Card, prerequisites for installation, how to install the 4-Port Channelized OC12 Line Card and how to troubleshoot the installation.

Organization

This document contains the following chapters:

Section	Title	Description
Chapter 1	Overview: 4-Port Channelized OC-12 Line Card	Provides an overview, hardware specifications, LED details, and interface specifications of the 4-Port Channelized OC12 Line Card.
Chapter 2	Preparing for Installation	Describes the required tools, equipment, and safety guidelines for installing the line card.
Chapter 3	Installing and Removing a Line Card	Describes the procedure for installing and removing a line card on a Cisco 12000 XR Series Router.
Chapter 4	Verifying and Troubleshooting the Line Card Installation	Provides the information for troubleshooting the installation of line cards.