



## Preface

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This preface describes the objectives, audience, organization, and conventions of the *Cisco MGX 8850 Installation and Configuration* publication.

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more current than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription. You can also access Cisco documentation on the World Wide Web at <http://www.cisco.com>, <http://www-china.cisco.com>, or <http://www-europe.cisco.com>.

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## Objectives

This publication provides descriptions for installing and configuring the following MGX 8850 hardware:

- Enclosures
- Power sources (AC and DC)
- Controller cards (the CPU for the node)
- Frame Relay interface cards
- ATM interface cards
- Trunk cards

## Audience

The *Cisco MGX 8850 Installation and Configuration* publication provides installers, operators, and network designers and managers with the necessary understanding to set up any applications of the MGX 8850 switches.

# Organization

The major sections of this publication are as follows:

- Chapter 1, “Regulatory Compliance and Safety Information for the MGX 8850 Switch”
- Chapter 2, “Introducing the MGX 8850 Switch”
- Chapter 3, “Site Preparation”
- Chapter 4, “Enclosure and Card Installation”
- Chapter 5, “Configuring the MGX 8850 (PXM1-based) Switch”
- Chapter 6, “Card and Service Configuration”
- Appendix A, “System Specifications”
- Appendix B, “Cabling Summary”
- Appendix C, “Switch Commands That Apply to the MGX 8850 Node”

## Related Documentation

The following Cisco publications contain additional information related to the operation of the Cisco WAN switching network:

- Release 1.1.10 of the *Cisco MGX 8850 Wide Area Edge Switch Command Reference*.
- Release 9.2 of the *Cisco WAN Manager Operations Guide*, which provides procedures for using the Cisco WAN Manager (formerly StrataView Plus) network management system.
- Release 1.0 of *WAN CiscoView for the MGX 8850*.
- Release 9.2 of the Cisco WAN Switching documentation set, including:
  - *Cisco MGX 8600 Series Installation and Configuration*, which provides a general description and installation instructions for the Cisco MGX 8600 series.
  - *Cisco IGX 8400 Series Reference* providing a general description and technical details of the multi-band Cisco IGX 8400 series.
  - *Cisco MGX 8850 Wide Area Edge Switch Command Reference* providing detailed information on the command line interface used in operating a Cisco MGX 8850 node.
  - *Cisco WAN Switching Command Reference* providing detailed information on the command line interfaces used in operating a Cisco WAN switching network.

## Conventions

This publication uses the following conventions to convey instructions and information.

Command descriptions use these conventions:

- Commands and keywords are in **boldface**.
- Arguments for which you supply values are in *italics*.
- Required command arguments are inside angle brackets (< >).
- Optional command arguments are in square brackets ([ ]).

- Alternative keywords are separated by vertical bars ( | ).

Examples use these conventions:

- Terminal sessions and information the system displays are in `screen` font.
- Information you enter is in **boldface screen** font.
- Nonprinting characters, such as passwords, are in angle brackets (< >).
- Default responses to system prompts are in square brackets ( [ ] ).

**Note**

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Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in this manual.

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**Caution**

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

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**Warning**

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**This warning symbol means *danger*. You are in a situation that could cause bodily injury. Before you work on any equipment, you must be aware of the hazards involved with electrical circuitry and familiar with standard practices for preventing accidents. (To see translated versions of this warning, refer to the *Regulatory Compliance and Safety Information* document that accompanied the product.)**

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