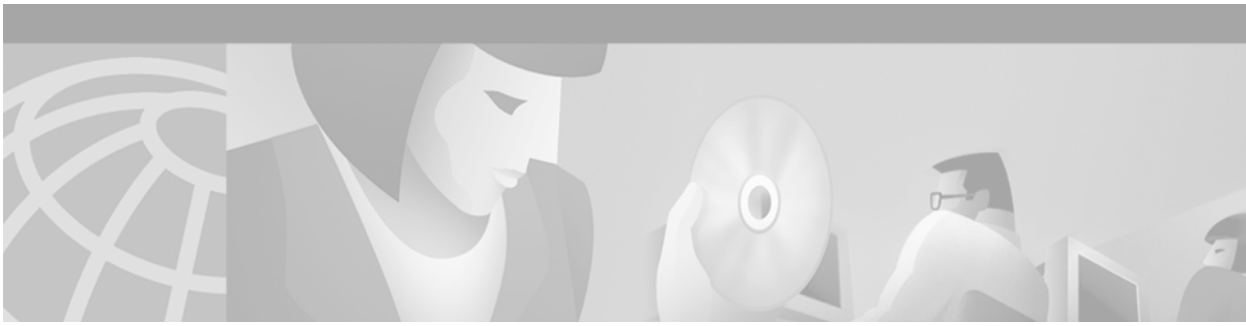

Preface

This preface describes the objectives, audience, organization, and conventions for this document and explains how to find information on related products and services. It contains the following sections:

- Document Objectives, page v
- Audience, page v
- Document Organization, page vi
- Document Conventions, page vii
- Documentation Suite, page vii
- Obtaining Documentation, page vii
- Obtaining Technical Assistance, page viii

Document Objectives

Management Information Base (MIB) files are provided with all Cisco MGC software releases. These files contain variables that you can set or read for information on network devices and interfaces. This guide describes the Simple Network Management Protocol Management (SNMP) MIBs for the software Release 7 media gateway controller (MGC).

Audience

The primary audience for this document is network operators and administrators who have experience in the following areas:

- Telecommunications network operations
- Data network operations
- SS7 protocols, switching, and routing
- Telecommunications hardware
- Data network hardware

In addition, the following audiences may find this document useful:

- Software and hardware installers

- Network designers

Document Organization

This document contains the following chapters:

Table 1 Document Contents

Chapter	Title	Content
Chapter 1	Introduction	Provides an overview of the media gateway MIBs. It also includes related documentation.
Chapter 2	Cisco Transpath TP MIBs	This chapter describes the Cisco Transpath TP MIBs.
Chapter 3	Cisco TP Measurement MIB	This chapter describes the Cisco TP Measurement MIBs.
Chapter 4	Host-Resources MIB Definitions	This chapter provides infomation about the host resource MIBs that are used to identify the manufacturer, model, and version of a specific hardware or software product.
Chapter 5	Critical Application MIBs	This chapter describes the critical application MIBs are represented by a string containing the full path to the binary as well as command line parameters that are passed to the standard command line shell of th operating system and used to invoke an external command.
Appendix A	SNMPINFO1.dat	This appendix provides information about object identifiers which uniquely designate any point in the hierarchical tree, whether object or branch point and provides a description of object identifier definition (OID).
Appendix B	Cisco Enterprise Structure of Management Information	This chapter provides a set of objects used for the structure of management information for the Cisco enterprise and consists of new object identifier definition (OID) assignments for Cisco REPEATER MIB and others.
Appendix C	SNMP Target MIB	SNMP target MIBs provide mechanisms to remotely configure the parameters used by an SNMP entity for the generation of SNMP messages.

Document Conventions

This guide uses the following conventions:

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

MIB Conventions

Table 2 provides descriptions of the command conventions used in this document.

Table 2 Command Conventions

Convention	Description of usage
{1500}	Value range
::= { snmpTargetAddrEntry 4 }	MIB symbol
Braces ({})	Alternate but required keywords and can be separated by vertical bars (|).
Angle brackets (<>)	Nonprinting characters

Documentation Suite

Consult the following related documentation for information about the MIBs.

*SNMP Notifications Developer's Guid*e, by Bob Stewart. This is a guide for the design, implementation, and testing of SNMP Traps and Informs.

The Simple Book, An Introduction to Network Management, by Marshall T. Rose. This book focuses on the Simple Network Management Protocol and revisions to the SNMPv2.

Obtaining Documentation

The following sections provide sources for obtaining documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at the following sites:

- http://www.cisco.com
- http://www-china.cisco.com
- http://www-europe.cisco.com

Documentation CD-ROM

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or as an annual subscription.

Ordering Documentation

Cisco documentation is available in the following ways:

- Registered Cisco Direct Customers can order Cisco Product documentation from the Networking Products MarketPlace:

  http://www.cisco.com/cgi-bin/order/order_root.pl

- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:

  http://www.cisco.com/go/subscription

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco corporate headquarters (California, USA) at 408 526-7208 or, in North America, by calling 800 553-NETS(6387).

Documentation Feedback

If you are reading Cisco product documentation on the World Wide Web, you can submit technical comments electronically. Click **Feedback** in the toolbar and select **Documentation**. After you complete the form, click **Submit** to send it to Cisco.

You can e-mail your comments to bug-doc@cisco.com.

To submit your comments by mail, for your convenience many documents contain a response card behind the front cover. Otherwise, you can mail your comments to the following address:

Cisco Systems, Inc.
Document Resource Connection
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain documentation, troubleshooting tips, and sample configurations from online tools. For Cisco.com registered users, additional troubleshooting tools are available from the TAC website.

Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information and resources at anytime, from anywhere in the world. This highly integrated Internet application is a powerful, easy-to-use tool for doing business with Cisco.

Cisco.com provides a broad range of features and services to help customers and partners streamline business processes and improve productivity. Through Cisco.com, you can find information about Cisco and our networking solutions, services, and programs. In addition, you can resolve technical issues with online technical support, download and test software packages, and order Cisco learning materials and merchandise. Valuable online skill assessment, training, and certification programs are also available.

Customers and partners can self-register on Cisco.com to obtain additional personalized information and services. Registered users can order products, check on the status of an order, access technical support, and view benefits specific to their relationships with Cisco.

To access Cisco.com, go to the following website:

http://www.cisco.com

Technical Assistance Center

The Cisco TAC website is available to all customers who need technical assistance with a Cisco product or technology that is under warranty or covered by a maintenance contract.

Contacting TAC by Using the Cisco TAC Website

If you have a priority level 3 (P3) or priority level 4 (P4) problem, contact TAC by going to the TAC website:

http://www.cisco.com/tac

P3 and P4 level problems are defined as follows:

- P3—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- P4—You need information or assistance on Cisco product capabilities, product installation, or basic product configuration.

In each of the above cases, use the Cisco TAC website to quickly find answers to your questions.

To register for Cisco.com, go to the following website:

http://www.cisco.com/register/

If you cannot resolve your technical issue by using the TAC online resources, Cisco.com registered users can open a case online by using the TAC Case Open tool at the following website:

http://www.cisco.com/tac/caseopen

Contacting TAC by Telephone

If you have a priority level 1(P1) or priority level 2 (P2) problem, contact TAC by telephone and immediately open a case. To obtain a directory of toll-free numbers for your country, go to the following website:

http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml

P1 and P2 level problems are defined as follows:

- P1—Your production network is down, causing a critical impact to business operations if service is not restored quickly. No workaround is available.

P2—Your production network is severely degraded, affecting significant aspects of your business operations. No workaround is available.