# Release Notes for Cisco MGCP IP Phone 7940/7960 Release 5.0

**June 12, 2003**

## Contents

This document lists the known problems in Cisco Media Gateway Control Protocol (MGCP) IP Phone 7940/7960 Release 5.0 and contains information about the Cisco MGCP IP Phone 7940/7960 (hereafter referred to as the Cisco MGCP IP phone) that is not included in the most recent release of the phone documentation.

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**Corporate Headquarters:**
**Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA**



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# New and Changed Information

## New Software Features in Release 5.0

The following new software features are supported in Cisco MGCP IP Phone 7940/7960 Release 5.0.

### Image Authentication and Signed Binary Files

Cisco has added image authentication to its various IP Phone Protocols. With the addition of image authentication, the binary image can not be tampered with prior to being loaded into the phone. Any tampering with the image causes the phone to fail the authentication process and reject that image. The image authentication is done through signed binary files.

This release does not use regular binary files as did previous releases but only accepts signed binary files. This step improves IP Phone security on the Cisco 7960/40 IP Phones. However, the use of signed binary files does not allow returning to an earlier software release. Once Cisco MGCP IP Phone 7940/7960 Release 5.0 is installed, it cannot be replaced with any previous release.

**Note** After Cisco MGCP IP Phone 7940/7960 Release 5.0 is installed, it can only be replaced with the same or newer release. All releases prior to Cisco MGCP IP Phone 7940/7960 Release 5.0 will not function on this phone after it has been installed.

# Installation Notes

**Caution** Cisco MGCP IP Phone 7940/7960 Release 5.0 cannot be downgraded. Before installing Cisco MGCP IP Phone 7940/7960 Release 5.0, refer to "Upgrading" first.

For Cisco MGCP IP phones, follow the instructions in the "Performing an Image Upgrade and Remote Reboot" section at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/english/ipp7960/addprot/mgcp/ver5_1/mgcpcn51.htm

For these instructions, use P0M3-05-0-00.bin as the image name for Release 5.0. The current images can be found at the following URL:

http://www.cisco.com/cgi-bin/tablebuild.pl/mgcp-ip-phone7960

**Note** Release 5.0 is packaged as a ZIP archive. Inside the ZIP archive are the .bin (binary) file, .sbn (signed binary) file, any release notes, customer bulletins, guides, and other documents.

## Upgrading

Cisco MGCP IP Phone 7940/7960 Release 5.0 is functionally equivalent to Cisco MGCP IP Phone 7940/7960 Release 4.4 in every way with the exception of the digital signature. The addition of the signed binary files feature prevents downgrading Cisco MGCP IP Phone 7940/7960 Release 5.0 to an earlier release.

Customers anticipating a future upgrade to Cisco MGCP IP Phone 7940/7960 Release 5.0 or later software are encouraged to first migrate to Cisco MGCP IP Phone 7940/7960 Release 4.4. Customers may perform any desired pre-deployment testing using Cisco MGCP IP Phone 7940/7960 Release 4.4, including trial deployments, and ensure full compatibility with Cisco MGCP IP Phone 7940/7960 Release 5.0. Using this strategy, Cisco MGCP IP Phone 7940/7960 Release 5.0 functionality may be tested and deployed using Cisco MGCP IP Phone 7940/7960 Release 4.4 software with full downgrade capability before finally converting to signed binary images.

After Cisco MGCP IP Phone 7940/7960 Release 5.0 is installed, it can only be replaced with the same or newer release. All releases prior to Cisco MGCP IP Phone 7940/7960 Release 5.0 will not function on this phone after it has been installed.

# Caveats

## Open Caveats—Release 5.0

No open caveats specific to Cisco MGCP IP Phone 7940/7960 Release 5.0 require documentation in the release notes.

## Resolved Caveats—Release 5.0

No resolved caveats specific to Cisco MGCP IP Phone 7940/7960 Release 5.0 require documentation in the release notes.

# Related Documentation

- *Cisco MGCP IP Phone Administrator Guide, Release 5.0 and Release 5.1*
- *Cisco IP Phone 7960 and 7940 Series at a Glance*
- *Regulatory Compliance and Safety Information for the Cisco IP Phone 7960, 7940, and 7910 Series*
- *Installing the Wall Mount Kit for the Cisco IP Phone*

# Obtaining Documentation

These sections explain how to obtain documentation from Cisco Systems.

## World Wide Web

You can access the most current Cisco documentation on the World Wide Web at this URL:

http://www.cisco.com

Translated documentation is available at this URL:

http://www.cisco.com/public/countries_languages.shtml

## Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which is shipped 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 through an annual subscription.

## Ordering Documentation

You can order Cisco documentation in these ways:

- Registered Cisco.com users (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 Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

## Documentation Feedback

You can submit comments electronically on Cisco.com. In the Cisco Documentation home page, click the **Fax** or **Email** option in the “Leave Feedback” section at the bottom of the page.

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

You can submit your comments by mail by using the response card behind the front cover of your document or by writing to the following address:

Cisco Systems
Attn: 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 online documentation, troubleshooting tips, and sample configurations from online tools by using the Cisco Technical Assistance Center (TAC) Web Site. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC Web Site.

## Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information, networking solutions, services, programs, and resources at any time, from anywhere in the world.

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- Order Cisco learning materials and merchandise
- Register for online skill assessment, training, and certification programs

If you want to obtain customized information and service, you can self-register on Cisco.com. To access Cisco.com, go to this URL:

http://www.cisco.com

## Technical Assistance Center

The Cisco Technical Assistance Center (TAC) is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two levels of support are available: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Cisco TAC inquiries are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.
- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.
- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

The Cisco TAC resource that you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

## Cisco TAC Web Site

You can use the Cisco TAC Web Site to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to this URL:

http://www.cisco.com/tac

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

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

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC Web Site, you can open a case online by using the TAC Case Open tool at this URL:

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

If you have Internet access, we recommend that you open P3 and P4 cases through the Cisco TAC Web Site.

## Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to this URL:

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

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.

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This document is to be used in conjunction with the documents listed in the "Related Documentation" section on page 3.

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