



Release Notes for Cisco Unified IP Phone 7985G, Firmware Release 4.1(2.0) for Cisco Unified CallManager Release 4.1 or later

June 13, 2006

These release notes are for use with the Cisco Unified IP Phone 7985G for Firmware Release 4.1(2.0) for Cisco Unified CallManager Release 4.1 or later.

These release notes provide the following information:

- [Documentation Roadmap, page 2](#)
- [Supported Cisco Unified CallManager Releases, page 2](#)
- [Caveats, page 3](#)
- [Obtaining Documentation, page 8](#)
- [Documentation Feedback, page 9](#)
- [Cisco Product Security Overview, page 10](#)
- [Obtaining Technical Assistance, page 11](#)
- [Obtaining Additional Publications and Information, page 13](#)



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

© 2006 Cisco Systems, Inc. All rights reserved.

Documentation Roadmap

For detailed information about administering or using the Cisco Unified IP Phone 7985G, refer to the following documentation references:

Cisco Unified IP Phone 7985G

- *Cisco Unified IP Phone 7985G Administration Guide*
- *Cisco Unified IP Phone 7985G Phone Guide*
- *Regulatory Compliance and Safety Information for the Cisco Unified IP Phone 7900 Series*

These documents are available from the following location on Cisco.com:

<http://www.cisco.com/univercd/home/home.htm>

Cisco Unified CallManager Administration

- *Cisco Unified CallManager Administration Guide*
- *Cisco Unified CallManager System Guide*
- *Cisco Unified CallManager Serviceability Administration Guide*
- *Cisco Unified CallManager Serviceability System Guide*
- *Bulk Administration Tool User Guide for Cisco Unified CallManager*
- *Cisco Unified CallManager Features and Services Guide*

These documents are available from the following location on Cisco.com:

<http://www.cisco.com/univercd/home/home.htm>

Supported Cisco Unified CallManager Releases

This firmware release, 4.1(2.0), is compatible with the following releases of Cisco Unified CallManager:

- Cisco Unified CallManager 4.1(3)SR1 and later.

**Note**

Note: it is important that all CallManagers in the enterprise be upgraded to 4.1(3)SR1 or later, since otherwise you may experience problems with inter-cluster video calls. See CSCsb58780 in the Caveats section for details.

This firmware release provides support for new telephony features provided by Cisco Unified CallManager 4.1. For a full description of the new phone features introduced in Cisco Unified CallManager 4.1, refer to the Release Notes for Cisco Unified CallManager Release 4.1(x):

http://www.cisco.com/univercd/cc/td/doc/product/voice/c_callmg/4_1/rel_note/index.htm

Caveats

Configuration changes for CallManager Administration page

Some of the Cisco Unified IP Phone 7985G Version 4.1(1) features like assigning Service URL to Phone button, screen saver settings etc. needs configuration changes to Cisco Unified CallManager Administration page. These Cisco Unified CallManager changes are available in:

- Version 4.1(3) Cisco Unified CallManager Device pack:
ciscocm.4-1-DevPack-27.7.exe
- Cisco Unified CallManager Version 5.0(3)

Compatibility of old Cisco IP Phone 7985G 4.0 software versions with Rev 74-3636-02 Hardware

- Rev 74-3636-02 Hardware does not support older versions of S/W (loads older than Version 4.1(1)).
- On loading older versions of software on Rev 74-3636-02 hardware, phone displays the error message - “System upgrade failed: Using previous image, Press OK” and reverts back to existing image.

However, new software Version 4.1(1) can be run on existing Rev 74-3636-01 hardware.

Open and Resolved Caveats

Open caveats (bugs) are graded according to severity level. These release notes contain descriptions of bugs with severity level 1, 2, or 3. In some cases, bugs with lesser severity levels are also included, depending on the issue.

Table 1 lists Severity 1, 2, and 3 defects that are open for Cisco Unified IP Phone 7985G for firmware release 4.1(2.0). Table 2 lists Severity 1, 2, and 3 defects that are resolved for Cisco Unified IP Phone 7985G for firmware release 4.1(2.0).

For more information about an individual defect, you can access the online record for the defect by clicking the Identifier or going to the URL shown. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, be aware that [Table 1](#) and [Table 2](#) reflect a snapshot of the defects that were open at the time this report was compiled.



Tip

If you have an account with Cisco.com (Cisco Connection Online), you can use the Bug Toolkit to find caveats of any severity for any release. To access the Bug Toolkit, log on to <http://www.cisco.com/cgi-bin/Support/Bugtool/home.pl>.

Table 1 **Open Caveats for Firmware Release 4.1(2.0)**

Identifier	Headline
CSCsb19226	Video flickers briefly when quickly changing video sources http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsb19226
CSCsb42456	802.1p/q VLAN tags are removed when extend trust is set to untrusted http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsb42456
CSCsb43461	Video may freeze at end of call or in self-view mode http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsb43461
CSCsc14484	Confrence List Remove feature does not work on CCM 5.0 http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc14484
CSCsc68289	There is no Call Status information available via the web pages http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc68289

Table 1 **Open Caveats for Firmware Release 4.1(2.0) (continued)**

Identifier	Headline
CSCsc84363	Visual call Pickup notification fails when line audio alert setting off http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc84363
CSCsc84373	Visual Pickup Notification sometimes does not overwrite status line http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc84373
CSCsd10860	7985 thumbnail background image list is not being displayed http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd10860
CSCsd23559	7985 Screen Powersave LED indicator can't be distinguished from MWI http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd23559
CSCsd27788	Callback notification window does not close after Dial is pressed http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd27788
CSCsd36788	Phone can rarely stop making calls after CCM failover/failback http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd36788
CSCsd39338	Phone sometimes does not fallback to the correct Standby CCM http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd39338
CSCsd39465	7985 does not display animated icon w/RTPRx http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd39465
CSCsd42341	7985 can not handle URL with 255 char http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd42341
CSCsd54279	Missing switch line focus without answering call feature on 7985 http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd54279
CSCsd71696	7985 does not dial the number by pressing Intercom for IPMA service http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd71696
CSCsd71764	IPMA manager should not exit from IPMA service w/ 1 assistant http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd71764
CSCsd75862	Wrong display of softkey sets and callinfo on IPMA assistant phone http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd75862

Table 1 **Open Caveats for Firmware Release 4.1(2.0) (continued)**

Identifier	Headline
CSCsd77139	7985 un-registers from the Call Manager after the switch speed changed http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd77139
CSCsd89221	Some softkeys not work correctly with CiscoIPPhoneInput object http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd89221
CSCsd90269	7985 should not clear the display while refreshing the Image object http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd90269
CSCsd96689	Phone service input fields do not display pop-up box showing character choices http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd96689
CSCse00330	7985 appends device name in HTTP request when searching directory users http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse00330
CSCse06703	Phone unexpectedly reset during a long duration H.263 call http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse06703
CSCse21503	Packets received on PC port are not forwarded in some configurations http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse21503
CSCse26167	Equation type input can have unexpected delay when pressing numbers http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse26167
CSCse26188	Hoot & Holler service does not display Handset icon with RTP/Rx RTP/Tx http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse26188
CSCse26950	Exit softkey sometimes does not work on Callback window http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse26950
CSCse27352	PC Voice VLAN disabled does not work with Admin VLAN http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse27352

Table 2 **Resolved Caveats for Firmware Release 4.1(2.0)**

Identifier	Headline
CSCsb39542	Missed/Received Call may not be logged if Caller ID not present http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsb39542
CSCsb82142	Phone crashed when 100 calls active and remote side is lost http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsb82142
CSCsc43840	7985 does not play the MLPP preemption tone http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc43840
CSCsc48563	7985 combines audio and video packet counts in CMR http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc48563
CSCsc67462	7985 did not reset when requested by the Call Manager http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc67462
CSCsc68264	Settings Erase softkey is displayed even when config is locked http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsc68264
CSCsd17143	Device ID in CDP messages should all be in upper case http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd17143
CSCsd17540	7985 takes too long to re-register when image load is not found http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd17540
CSCsd24940	7985 does not display To conference at line button menu http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd24940
CSCsd28063	Hanging up the phone does not work when failover occurs during call http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd28063
CSCsd42350	Phone should drop from full screen mode during an incoming call http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd42350
CSCsd94628	7985 reboots if Option 150 is a String Data-Type http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd94628

Table 2 **Resolved Caveats for Firmware Release 4.1(2.0) (continued)**

Identifier	Headline
CSCse09420	The popup window after pressing Default should be more specific http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse09420
CSCse43169	Phone ignores DHCP option 150 when option 66 is present for TFTP server http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCse43169

Obtaining Documentation

Cisco documentation and additional literature are available on Cisco.com. Cisco also provides several ways to obtain technical assistance and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

You can access the most current Cisco documentation at this URL:

<http://www.cisco.com/univercd/home/home.htm>

You can access the Cisco website at this URL:

<http://www.cisco.com>

You can access international Cisco websites at this URL:

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

Documentation DVD

Cisco documentation and additional literature are available in a Documentation DVD package, which may have shipped with your product. The Documentation DVD is updated regularly and may be more current than printed documentation. The Documentation DVD package is available as a single unit.

Registered Cisco.com users (Cisco direct customers) can order a Cisco Documentation DVD (product number DOC-DOCDVD=) from the Ordering tool or Cisco Marketplace.

Cisco Ordering tool:

<http://www.cisco.com/en/US/partner/ordering/>

Cisco Marketplace:

<http://www.cisco.com/go/marketplace/>

Ordering Documentation

You can find instructions for ordering documentation at this URL:

http://www.cisco.com/univercd/cc/td/doc/es_inpck/pdi.htm

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Ordering tool:

<http://www.cisco.com/en/US/partner/ordering/>

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, USA) at 408 526-7208 or, elsewhere in North America, by calling 1 800 553-NETS (6387).

Documentation Feedback

You can send comments about technical documentation to bug-doc@cisco.com.

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

Cisco Systems
Attn: Customer Document Ordering
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Cisco Product Security Overview

Cisco provides a free online Security Vulnerability Policy portal at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

From this site, you can perform these tasks:

- Report security vulnerabilities in Cisco products.
- Obtain assistance with security incidents that involve Cisco products.
- Register to receive security information from Cisco.

A current list of security advisories and notices for Cisco products is available at this URL:

<http://www.cisco.com/go/psirt>

If you prefer to see advisories and notices as they are updated in real time, you can access a Product Security Incident Response Team Really Simple Syndication (PSIRT RSS) feed from this URL:

http://www.cisco.com/en/US/products/products_psirt_rss_feed.html

Reporting Security Problems in Cisco Products

Cisco is committed to delivering secure products. We test our products internally before we release them, and we strive to correct all vulnerabilities quickly. If you think that you might have identified a vulnerability in a Cisco product, contact PSIRT:

- Emergencies—security-alert@cisco.com
- Nonemergencies—psirt@cisco.com



Tip

We encourage you to use Pretty Good Privacy (PGP) or a compatible product to encrypt any sensitive information that you send to Cisco. PSIRT can work from encrypted information that is compatible with PGP versions 2.x through 8.x.

Never use a revoked or an expired encryption key. The correct public key to use in your correspondence with PSIRT is the one that has the most recent creation date in this public key server list:

<http://pgp.mit.edu:11371/pks/lookup?search=psirt%40cisco.com&op=index&export=on>

In an emergency, you can also reach PSIRT by telephone:

- 1 877 228-7302
- 1 408 525-6532

Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, Cisco Technical Support provides 24-hour-a-day, award-winning technical assistance. The Cisco Technical Support Website on Cisco.com features extensive online support resources. In addition, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not hold a valid Cisco service contract, contact your reseller.

Cisco Technical Support Website

The Cisco Technical Support Website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The website is available 24 hours a day, 365 days a year, at this URL:

<http://www.cisco.com/techsupport>

Access to all tools on the Cisco Technical Support Website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at this URL:

<http://tools.cisco.com/RPF/register/register.do>

**Note**

Use the Cisco Product Identification (CPI) tool to locate your product serial number before submitting a web or phone request for service. You can access the CPI tool from the Cisco Technical Support Website by clicking the **Tools & Resources** link under Documentation & Tools. Choose **Cisco Product Identification Tool** from the Alphabetical Index drop-down list, or click the **Cisco Product Identification Tool** link under Alerts & RMAs. The CPI tool offers three search options: by product ID or model name; by tree view; or for certain products, by copying and pasting **show** command output. Search results show an illustration of your product with the serial number label location highlighted. Locate the serial number label on your product and record the information before placing a service call.

Submitting a Service Request

Using the online TAC Service Request Tool is the fastest way to open S3 and S4 service requests. (S3 and S4 service requests are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Service Request Tool provides recommended solutions. If your issue is not resolved using the recommended resources, your service request is assigned to a Cisco TAC engineer. The TAC Service Request Tool is located at this URL:

<http://www.cisco.com/techsupport/servicerequest>

For S1 or S2 service requests or if you do not have Internet access, contact the Cisco TAC by telephone. (S1 or S2 service requests are those in which your production network is down or severely degraded.) Cisco TAC engineers are assigned immediately to S1 and S2 service requests to help keep your business operations running smoothly.

To open a service request by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55

USA: 1 800 553-2447

For a complete list of Cisco TAC contacts, go to this URL:

<http://www.cisco.com/techsupport/contacts>

Definitions of Service Request Severity

To ensure that all service requests are reported in a standard format, Cisco has established severity definitions.

Severity 1 (S1)—Your network is “down,” or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Severity 2 (S2)—Operation of an existing network is severely degraded, or significant aspects of your business operation are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Severity 3 (S3)—Operational performance of your network is impaired, but most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Severity 4 (S4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- Cisco Marketplace provides a variety of Cisco books, reference guides, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:
<http://www.cisco.com/go/marketplace/>
- *Cisco Press* publishes a wide range of general networking, training and certification titles. Both new and experienced users will benefit from these publications. For current Cisco Press titles and other information, go to Cisco Press at this URL:
<http://www.ciscopress.com>
- *Packet* magazine is the Cisco Systems technical user magazine for maximizing Internet and networking investments. Each quarter, Packet delivers coverage of the latest industry trends, technology breakthroughs, and Cisco products and solutions, as well as network deployment and

troubleshooting tips, configuration examples, customer case studies, certification and training information, and links to scores of in-depth online resources. You can access Packet magazine at this URL:

<http://www.cisco.com/packet>

- *iQ Magazine* is the quarterly publication from Cisco Systems designed to help growing companies learn how they can use technology to increase revenue, streamline their business, and expand services. The publication identifies the challenges facing these companies and the technologies to help solve them, using real-world case studies and business strategies to help readers make sound technology investment decisions. You can access iQ Magazine at this URL:

<http://www.cisco.com/go/iqmagazine>

- *Internet Protocol Journal* is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:

<http://www.cisco.com/ipj>

- World-class networking training is available from Cisco. You can view current offerings at this URL:

<http://www.cisco.com/en/US/learning/index.html>

This document is to be used in conjunction with the documents listed in the “Related Documentation” section.

CCSP, CCVP, the Cisco Square Bridge logo, Follow Me Browsing, and StackWise are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Access Registrar, Aironet, ASIST, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Empowering the Internet Generation, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, *Packet*, PIX, Post-Routing, Pre-Routing, ProConnect, RateMUX, ScriptShare, SlideCast, SMARTnet, StrataView Plus, TeleRouter, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0502R)

© 2006 Cisco Systems, Inc. All rights reserved.