



# Release Notes for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15

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**Revised: August 9, 2007, OL-14393-01**

These release notes describe the new features and caveats for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15 for the following Cisco products:

- Cisco Unified Videoconferencing 3527 PRI Gateway
- Cisco Unified Videoconferencing 3522 BRI Gateway
- Cisco Unified Videoconferencing 3545 PRI Gateway
- Cisco Unified Videoconferencing 3545 Serial Gateway

You can access the latest software upgrades and release notes for all versions of Cisco Unified Videoconferencing Gateway 3500 products on Cisco Connection Online (CCO) at the following URL:

<http://cisco.com/kobayashi/sw-center/sw-video.shtml>

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# Introduction

The Cisco Unified Videoconferencing Gateway 3500 enables audio, video and data communication between H.320 endpoints that connect through Integrated Services Digital Network (ISDN), and H.323 endpoints that connect through a packet-based network. For voice-over-IP, the gateway enables Public Switched Telephone Network (PSTN) voice callers to connect with IP voice callers.

## Supported Upgrades

You can upgrade directly from Cisco Unified Videoconferencing Gateway 3500 Release 5.x to Release 5.1.0.0.15.

## New and Changed Information

All Cisco Unified Videoconferencing Gateway 3500 products include the following new features:

- H.320 media encryption (H.233 and H.234-compliant)
- HTTPS support
- KIV7ResynchSignal advanced command for KIV resynchronization via RTS or LOS signals, or both.

## Caveats for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15

This section includes the following topics:

- [Resolved Caveats for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15, page 2](#)
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## Resolved Caveats for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15

The following issues have been resolved since Release 5.0:

### All Cisco Unified Videoconferencing Gateway 3500 Products

- You can now configure the TCS4 timeout value via a hidden advanced command. Contact Cisco Customer Support for more details.
- Improved H.264 timestamp calculation.
- When the audio stream fails to reach the remote endpoint in a G.722.1 call, set the ModifyG7221TimeStampFactor hidden advanced command with the **enable** parameter to ensure accuracy of the timestamp sent by the Cisco Unified Videoconferencing Gateway 3500.

- Passwords can contain up to 32 characters.
- Various H.239 enhancements and improved interoperability with the Cisco MCU.

## Cisco Unified Videoconferencing 3527 PRI Gateway, 3522 BRI Gateway and 3545 PRI Gateway

- Calls may fail when using TANDBERG endpoints on the ISDN with the bit rate set to “Auto.” Solve the problem by sending the ClearBondXflag advanced command with the parameter value “enable” to the Cisco Unified Videoconferencing Gateway 3500.

## Cisco Unified Videoconferencing 3545 Serial Gateway

- Improved T.120 interoperability with the Cisco MCU.

## Open Caveats for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15

This section describes possible unexpected behaviors by Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15.

You can find the latest resolved caveat information for Cisco Unified Videoconferencing Gateway 3500 Release 5.1.0.0.15 by using Bug Toolkit, which is an online tool that is available for customers to query defects according to their own needs.



### Tip

You need an account with Cisco.com (Cisco Connection Online) to use the Bug Toolkit to find open and resolved caveats of any severity for any release.

To access the Bug Toolkit, log on to [http://www.cisco.com/cgi-bin/Support/Bugtool/launch\\_bugtool.pl](http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl).

## All Cisco Unified Videoconferencing Gateway 3500 Products

- Upgrade/downgrade problems may occur due to lack of memory. If the “Upgrade process failed: The uploaded file size is larger than the maximum available memory” message displays in the Upgrade Utility, manually reboot the board and retry the upgrade.
- When making a 128 Kbps call from an ISDN Sony PCS-1, H.239 may not open correctly. Increasing the call bit rate solves this issue.
- When using TANDBERG 1500 MXP on the IP side, it may take about 20 seconds for the video channel to open from the MXP to the Cisco Unified Videoconferencing Gateway 3500.
- The start of the IVR message is missing in calls from an ISDN Polycom VSX endpoint.
- H.239 supports only the H.263 video codec in the second video channel. H.264 is not supported.
- Cisco recommends that you use an EMP when working with the MCU in H.239 mode.
- When working in Peer-to-Peer mode, the front Gatekeeper (GK) LED is always lit.
- Opening an H.239 channel to a TANDBERG MXP on the ISDN side may fail. Simply retry and the channel will open successfully.

## Cisco Unified Videoconferencing 3527 PRI Gateway, 3522 BRI Gateway and 3545 PRI Gateway

- Difficulties may occur when using Fast Start. We recommend that you do not activate Fast Start.
- H.239 is not supported in 2\*B calls.

## Related Documentation

You can access the following related documentation at:

[http://www.cisco.com/en/US/products/hw/video/ps1870/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/hw/video/ps1870/tsd_products_support_series_home.html).

- *Configuration Guide for Cisco Unified Videoconferencing 3522 BRI Gateway and 3527 PRI Gateway Release 5.1*
- *Installation and Upgrade Guide for Cisco Unified Videoconferencing 3522 BRI Gateway and 3527 PRI Gateway Release 5.1*
- *Configuration Guide for Cisco Unified Videoconferencing 3545 PRI Gateway and 3545 Serial Gateway Release 5.1*
- *Installation and Upgrade Guide for Cisco Unified Videoconferencing 3545 PRI Gateway and 3545 Serial Gateway Release 5.1*
- *User Guide for Cisco Unified Videoconferencing 3500 Gateway Release 5.1*
- *Troubleshooting Guide for Cisco Unified Videoconferencing 3500 Gateway Release 5.1*
- *Advanced Security Features for Cisco Unified Videoconferencing 3500 Products (Release 5.1)*

## Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>

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This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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