



Release Notes for Cisco IP/VC 3526 PRI Gateway and Cisco IP/VC 3540 PRI Gateway Release 3.0

January 14, 2005

This release note describes the new features and known issues for the Cisco IP/VC 3526 PRI Gateway and Cisco IP/VC 3540 PRI Gateway Release 3.0. Use this release note with the *Cisco IP/VC 3526 PRI Gateway and Cisco IP/VC 3540 PRI Gateway Module Administrator Guide, 2.0*.

For regulatory and compliance information, see [Regulatory Compliance and Safety Information for the Cisco IP/VC 3500 Products](#).

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Introduction

Cisco IP/VC 3526 PRI Gateway and Cisco IP/VC 3540 PRI Gateway perform protocol translation that allows H.323 endpoints on a LAN to communicate with H.320 endpoints on the public switched telephone network (PSTN). The Cisco IP/VC 3526 PRI Gateway and Cisco IP/VC 3540 PRI Gateway support PRI ISDN interfaces.

Documentation Roadmap

[Table 1](#) contains an overview of the related documentation for the Cisco IP/VC 3526 and Cisco IP/VC 3540. Use this information to access and order the latest versions of the documentation as described in the [“Obtaining Documentation”](#) section on page 6.

Table 1 **Documentation Roadmap**

Document	Description
<i>Cisco IP/VC 3526 PRI Gateway and Cisco IP/VC 3540 PRI Gateway Module Administrator Guide, 2.0</i>	Provides an overview of the Cisco IP/VC 3500 videoconferencing solution, as well as installation, configuration, and troubleshooting information.
<i>Regulatory Compliance and Safety Information for the Cisco IP/VC 3500 Products</i>	Provides regulatory compliance and safety information and translations of warning messages.

New and Changed Information

Release 3.0 includes the following new features:

- Support for the H.264 video codec.
- The gateway can detect in-band DTMF tones on the ISDN side and generate corresponding H.245 out-of-band signals on the IP side for both voice and video calls.
- Support for a new default Quality of Service option for optimal TOS setting selection.

Important Notes

To ensure that your gateway is secure from outside infiltration, we recommend that you change the default settings of the following options:

- Gateway user name and password
- SNMP service community parameters in the Board Basics tab

Known Issues

- We recommend that you use Microsoft Explorer version 5.0 or later.
- The Ethernet port may stop responding if disconnected and then reconnected when there are active calls in the gateway. To restore Ethernet port functionality, reset the gateway.
- The Max Digits and Maximum Digits Send fields in the ISDN Information section of the PRI Port tabs are for future use.
- DTMF interpretation problems occur when using the G.723.1 audio channel in gateway-to-MCU voice calls. Use the `Force711ForMCU enable advanced` command to configure the gateway to open a G.711 channel only. This setting is enabled by default when the gateway is shipped with transcoders. When the gateway has no transcoders or when transcoder capabilities are disabled, disable the setting by using the `Force711ForMCU disable advanced` command.
- Some PSTN switches react slowly to a “busy out [off]” request message sent from the gateway when the ISDN Rollover feature is in use. As a result, dialing from the ISDN side may return a busy tone immediately after the “busy out [off]” request message is sent to the switch. In such cases, calls do not reach the gateway, and additional dialing is required.

- You must disable G.722.1 when working with TANDBERG endpoints that are running software version 7.x when used with IVR on 128 Kbps calls. To do this, uncheck the Enable G.722.1 option in the Media Modes section of the Gateway Settings tab.
- You must disable G.722 when working with Aethra Vega 2 endpoints that are running software version 2.182. To do this, uncheck the Enable G.722 option in the Media Modes section of the Gateway Settings tab.
- FECC works with Sony, Polycom, and TANDBERG endpoints only.
- B-channels released on a downspeeding event during incoming Call Setup will not be available for new calls until the call on which the downspeeding event took place terminates.
- When working with endpoints that do not support Fast Start, ensure that the default unchecked setting is selected for the Support H.323 Fast Start on voice-only call setup option in the Advanced section of the Settings tab.
- The gateway may not register properly to the Polycom Path Navigator gatekeeper. To enable successful registration, remove all services from the gateway, register to Path Navigator, and then reconfigure the services on the gateway.
- When using TANDBERG 6000 with software version B9.0 on the ISDN side, bonded calls over 8B (512 Kbps) may not connect when dialing from the IP side. Contact Cisco Technical Assistance Center (TAC) for assistance if you experience this problem.
- G.723.1 coding does not work well with Sony PCS-1 on the IP side. To work with PCS-1, disable the G.723.1 transcoding option.
- Calls will not connect when using H.264 with VCON Escort/Cruiser version 4.6 on the ISDN side. To work with Escort/Cruiser version 4.6, disable the H.264 video codec.
- Video channels may not open successfully when using the VCON 5000 on the ISDN side.

Caveats

Open and resolved caveats are no longer listed in release notes. Instead, the latest information about caveats is available through an online tool, Bug Toolkit, for customers to query defects according to their own needs.

To find new features or enhancements that have been added to a release or to read about caveat fixes from previous releases, you should run a query whenever a new Cisco IP/VC 3526 PRI Gateway or Cisco IP/VC 3540 PRI Gateway release is distributed.

To access Bug Toolkit, you must have an Internet connection and a Web browser, as well as a Cisco.com username and password.

To use Bug Toolkit, follow this procedure.

Step 1 Go to http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl and log in to Bug Toolkit by entering your Cisco.com user name and password.

Step 2 Click **Launch Bug Toolkit**.

Step 3 To find a specific caveat, enter the ID number in the Enter known bug ID field and click **Search**.

Bug Toolkit returns the caveat information for which you queried.

or

To view all caveats, go to the Search for bugs in other Cisco software and hardware products section, enter **Cisco IP/VC 3500 Series Videoconferencing Products** in the Product Name field, and click **Next**.

The Bug Toolkit search page appears.

Step 4 Select the filters to query for caveats. You can choose any or all of the available options.

Step 5 Click **Next**.

Bug Toolkit returns a list of caveats based on your query.

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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