



Release Notes for Cisco Unified MeetingPlace Video Integration Release 5.4 and Release 6.0, and Video Administration Release 5.6

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These release notes contain information on new and changed support, new and changed functionality, limitations and restrictions, and open and resolved caveats for Cisco Unified MeetingPlace Video Integration up to and including the following:

- Release 6.0(5.5) (MR5 version)
- Release 5.4(206.0) (MR4 version)
- Release 5.4(204.0) (MR1, MR2, and MR3 version)
- Release 5.4(107.0) (FCS version)

and Video Administration for Cisco Unified MeetingPlace up to and including the following:

- Release 5.6(2.104) (MR5 version)
- Release 5.6(2.101) (MR4 version)
- Release 5.4(2.103) (MR3 version)
- Release 5.4(0.112) (MR1 and MR2 version)
- Release 5.4(0.105) (FCS version)



Note

- This release note covers both Cisco Unified MeetingPlace Video Integration and Video Administration for Cisco Unified MeetingPlace.
 - Cisco Unified MeetingPlace Video Integration Release 5.4 is compatible with Cisco Unified MeetingPlace Release 6.0 components for all releases except MR5.
 - Cisco Unified MeetingPlace Video Integration Release 6.0 is only compatible with Cisco Unified MeetingPlace Release 6.0 MR5 components.
 - Video Administration for Cisco Unified MeetingPlace Release 5.6 is compatible with Cisco Unified MeetingPlace Release 6.0 components for all releases.
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You can access the latest software upgrades for all versions of Cisco Unified MeetingPlace Video Integration and Video Administration on the Cisco Software Center website at <http://www.cisco.com/kobayashi/sw-center/sw-voice.shtml>.

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Introduction

Cisco Unified MeetingPlace Video Integration is a separately licensed add-on to Cisco Unified MeetingPlace conferencing that integrates the voice and web-conferencing capabilities of Cisco Unified MeetingPlace with the video-conferencing functionality provided by the Cisco Unified Videoconferencing MCU (Multipoint Control Unit). Voice, web, and video conference participants interact seamlessly in a single rich-media conference.

Cisco Unified MeetingPlace incorporates some of the functionality of Cisco Unified Video Conferencing. However, not all features of Cisco Unified Video Conferencing are supported in Cisco Unified MeetingPlace. Specifically, Cisco Unified MeetingPlace supports the following video features:

- Video conferencing features:
 - Video codecs: H.261, H.263, and H.264
 - Live video resolutions: Quarter Common Intermediate Format (QCIF), Common Intermediate Format (CIF), Standard Input Format (SIF), 4CIF, 1280 x 720p, and 1920 x 1080p (switched high definition service only)
 - Presentation video resolutions: Video Graphics Array (VGA), Super Video Graphics Array (SVGA), and Extended Graphics Array (XGA)
 - Video bandwidth: Up to 4 Mbps per port
 - Full transcoding and transrating for all standard definition (up to and including 4CIF) video codecs and speeds on all ports
 - (All continuous-presence layout options) Support for both standard definition and high definition participants (for high definition service)
 - QualiVision for highly improved, standards-based video quality in networks with packet loss; support for both standard definition and high definition connections
 - QoS support with Differentiated Services (DiffServ), type of service (ToS), and IP Precedence

- The following MCU service types: Audio Only, HD/SD Continuous Presence, and HD Switched Video.
 - Full-screen voice-activated high definition switching service that delivers the same port capacity as standard definition services while making optimal use of higher-resolution images
 - 28 screen layout options for high definition service, displaying up to 16 standard definition or high definition participants at one time
 - Continuous presence screen layouts displayed in full 720p resolution to high definition participants
 - Configurable methods to convert a 4:3 standard definition aspect ratio to a 16:9 high definition aspect ratio (crop, stretch, or borders)
 - Distributed MCUs with endpoint location aware routing
- Automatic meeting cascading with multiple Cisco Unified Videoconferencing 3500 MCUs
- Automatic outdial to video terminals: H.323/SIP/H.320/SCCP
- The ability to configure Cisco IOS gatekeepers, Cisco 3500 MCUs, Cisco 3500 ISDN gateways, and H.323/SIP/H.320 terminals under the Video Administration Resource Management interface
- An easy-to-use Web interface that allows a meeting moderator to perform a variety of meeting monitoring and management functions
- “Capacity Plus” on the Cisco Unified Videoconferencing 3515 and 3545 Media Servers, which doubles the video capacity from 24 to 48 ports per Enhance Media Processor (EMP) deployed
- Audio conferencing for video terminals (automatic link to Cisco Unified MeetingPlace audio)
- Standard definition audio codecs: G.711, G.722, G.722.1, G.723.1, G.728, and G.729A
- DTMF tone detection (in-band, H.245 tones, and RFC 2833)
- Full transcoding and mixing on all audio ports
- H.235 Advanced Encryption Standard (AES) and Data Encryption Standard (DES) encryption on both standard definition and high definition connections, up to 128-bit keys, for secure audio-visual conferencing
- Encryption communication between Video Administration server and Cisco Unified MeetingPlace Video Integration
- SCCP port partitioning for use with ad-hoc Cisco Unified Communications Manager Video Telephony solutions

**Note**

Features that are not listed here have not been tested with Cisco Unified MeetingPlace and therefore are not supported.

System Requirements

- [System Requirements, page 4](#)
- [Compatibility Information, page 4](#)
- [Determining the Software Version, page 4](#)

System Requirements

System requirements for Video Administration for Cisco Unified MeetingPlace and Cisco Unified MeetingPlace Video Integration can be found on the DocWiki at this link:
http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_System_Requirements

Compatibility Information

For information about the compatibility of Video Administration for Cisco Unified MeetingPlace and Cisco Unified MeetingPlace Video Integration with other Cisco Unified MeetingPlace components, see the compatibility matrix on the DocWiki at this link:
http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_Compatibility_Matrix.

Determining the Software Version

- [Cisco Unified MeetingPlace Video Integration, page 4](#)
- [Video Administration for Cisco Unified MeetingPlace, page 4](#)

Cisco Unified MeetingPlace Video Integration

Procedure

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- Step 1** Double-click **MeetingPlace Gateways** from the Cisco Unified MeetingPlace Web Conferencing server, in the Windows Control Panel.
- Step 2** Click the **Video** tab.
- The system displays the version of the Cisco Unified MeetingPlace Video Integration at the top.
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Video Administration for Cisco Unified MeetingPlace

To determine the version of Video Administration for Cisco Unified MeetingPlace, click the **Help About** icon in the Video Administration server web interface. The system displays the version of the Video Administration for Cisco Unified MeetingPlace.

Related Documentation

For descriptions and locations of Cisco Unified MeetingPlace documentation on Cisco.com, refer to the *Documentation Guide for Cisco Unified MeetingPlace*. The document is shipped with Cisco Unified MeetingPlace and is available at
http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_documentation_roadmaps_list.html.

The complete documentation set for administrators for Cisco Unified MeetingPlace Release 6.0 is now available in wiki format at http://docwiki.cisco.com/index.php/Cisco_Unified_MeetingPlace,_Release_6.x. Cisco community members with CCO passwords can contribute expertise to articles and exchange ideas on the Discussion page associated with each article. For more information, click the **About DocWiki** link at the bottom of any page on the DocWiki.

Information to Give to End Users

These release notes are written for system administrators and are not intended for end users. As a result, end users may not be aware of new features or know where to find applicable documentation.

Please give the following information to end users:

- List of new features in this release. See [New and Changed Requirements and Functionality, page 5](#).
- End user documentation can be found on Cisco.com at http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_user_guide_list.html
- System administrator documentation can be found on the DocWiki at http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x
- To search for documentation on the DocWiki, we recommend using Google. Go to Google.com and enter this: *<your search term> site:docwiki.cisco.com*. where *<your search term>* is the term you want to search.

New and Changed Requirements and Functionality

- [Cisco Unified MeetingPlace Video Integration Release 6.0\(5.5\) and Video Administration Release 5.6\(2.104\), page 5](#)
- [Cisco Unified MeetingPlace Video Integration Release 5.4\(206.0\) and Video Administration Release 5.6\(2.101\), page 6](#)
- [Cisco Unified MeetingPlace Video Integration Release 5.4\(204.0\) and Video Administration Release 5.4\(2.103\), page 6](#)
- [Cisco Unified MeetingPlace Video Integration Release 5.4\(204.0\) and Video Administration Release 5.4\(0.112\), page 7](#)
- [Cisco Unified MeetingPlace Video Integration Release 5.4\(107.0\) and Video Administration Release 5.4\(0.105\), page 7](#)

Cisco Unified MeetingPlace Video Integration Release 6.0(5.5) and Video Administration Release 5.6(2.104)

Cisco Unified MeetingPlace Video Integration Release 6.0(5.5) and Video Administration for Cisco Unified MeetingPlace Release 5.6(2.104) is a maintenance release that contains fixes to defects and product enhancements. See the “[Caveats](#)” section on [page 9](#) for a list of these defects and enhancements.

One key enhancement is that we now support video integration with Cisco Unified Video Conferencing Release 5.7.

Cisco Unified MeetingPlace Video Integration Release 5.4(206.0) and Video Administration Release 5.6(2.101)

Cisco Unified MeetingPlace Video Integration Release 5.4(206.0) and Video Administration for Cisco Unified MeetingPlace Release 5.6(2.101) is a maintenance release that contains fixes to defects and product enhancements. See the [“Caveats” section on page 9](#) for a list of these defects and enhancements.

One key enhancement is that we now support video integration with Cisco Unified Video Conferencing Release 5.6.

Cisco Unified MeetingPlace Video Integration Release 5.4(204.0) and Video Administration Release 5.4(2.103)

- [Support MCU Version 5.1 and Version 5.5, page 6](#)
- [Simplified Password Change Mechanism, page 6](#)
- [Gateway Configuration, page 6](#)
- [Additional Updates, page 7](#)

Support MCU Version 5.1 and Version 5.5

Cisco Unified MeetingPlace can support either MCU Version 5.1 or Version 5.5, but not in a mixed deployment. To change the version of the MCU that Cisco Unified MeetingPlace supports, go to **Configuration Tool > System Configuration > Scheduling Settings** and modify the “Supported MCU versions” parameter.

Simplified Password Change Mechanism

You can now change the administrator password from the web interface on the Display My Info page.

Gateway Configuration

You can now configure the gateway with multiple telephone numbers.

Enhanced In-Meeting Control Operations

- **Faster drag and drop**—Improved responsiveness of the drag and drop mechanism in the Conference Control screen enables users to drag and drop a terminal to change its layout.
- **Faster refresh**—Increased auto refresh rate of the Conference Control screen provides up to date information faster to the end user.
- **Enhanced moderator control**—Meeting moderators retain meeting control until they choose to pass meeting control rights to another participant.
- **Inviting endpoints**—Meeting moderators have 30 seconds to complete the operation before the screen refreshes.
- **Enhanced endpoint display**—Correct display of multiple endpoints with the same caller ID in the Participant List of the Conference Control screen.

- Enhanced Participant List stability—The Participant List does not automatically re-sort when an endpoint connects to or disconnects from the meeting.

Additional Updates

- Corrected the calculation of the MCU capacity value for a meeting using the Desktop Service.
- Added support for IP endpoints with bandwidths of 1024 Kbps and 2048 Kbps.
- Video Administration no longer requires a 64 Kbps service to be defined on gateways managed by this Video Administration.
- If Video Administration fails to create a meeting, the meeting remains in failure status. Any subsequent dial-in causes Video Administration to attempt to recreate the meeting.
- Added support for configuring a third-party SIP server in the Video Administration web interface using the FQDN as well as the IP address.
- Video Administration has enhanced the reliability of the internal gatekeeper authorization connection by using a single connection for both call authorization and call control.
- The Video Administration Configuration tool now supports JDK Version 1.6.
- Video Blade failover support enables Video Administration to find an alternative Video Blade in the deployment if the Video Blade fails when Video Administration tries to create a meeting.
- Setting the **Prioritize** field to “Delay” assigns the meeting host to the master meeting in a cascaded meeting.
- 3G mobile endpoints are correctly invited with video.
- Ad hoc virtual room meetings can continue beyond 30 minutes even when the terminate option is configured to end at a predetermined time.
- The lecture mode meeting type service supports presentation view.
- Audio meetings on MCU Version 4.4 support up to 150 audio terminals.
- Inter-location bandwidth is calculated correctly when scheduling a point-to-point meeting.

Cisco Unified MeetingPlace Video Integration Release 5.4(204.0) and Video Administration Release 5.4(0.112)

Cisco Unified MeetingPlace Video Integration Release 5.4(204.0) and Video Administration for Cisco Unified MeetingPlace Release 5.4(0.112) is a maintenance release that contains fixes to defects and product enhancements. See the [“Caveats” section on page 9](#) for a list of these defects and enhancements.

Cisco Unified MeetingPlace Video Integration Release 5.4(107.0) and Video Administration Release 5.4(0.105)

Cisco Unified MeetingPlace Video Integration Release 5.4(107.0) and Video Administration for Cisco Unified MeetingPlace Release 5.4(0.105) is a maintenance release that contains fixes to defects and product enhancements. See the [“Caveats” section on page 9](#) for a list of these defects and enhancements.

Installation and Upgrade Information

- [Installing Cisco Unified MeetingPlace Video Integration Release 5.4 or Release 6.0 for the First Time, page 8](#)
- [Upgrading to Cisco Unified MeetingPlace Video Integration Release 5.4 or Release 6.0, page 8](#)
- [Installing Video Administration for Cisco Unified MeetingPlace Release 5.4 or Release 5.6 for the First Time, page 8](#)
- [Upgrading to Video Administration for Cisco Unified MeetingPlace Release 5.4 or Release 5.6, page 9](#)

Installing Cisco Unified MeetingPlace Video Integration Release 5.4 or Release 6.0 for the First Time

For instructions on installing Cisco Unified MeetingPlace Video Integration, see the DocWiki at http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_Installing_and_Configuring_Video_Conferencing_Basics.

Upgrading to Cisco Unified MeetingPlace Video Integration Release 5.4 or Release 6.0

For instructions on upgrading Cisco Unified MeetingPlace Video Integration, see the DocWiki at http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_Installing_the_Cisco_Unified_MeetingPlace_Video_Integration_Component#Upgrading_Cisco_Unified_MeetingPlace_Video_Integration_to_Release_5.4.

Installing Video Administration for Cisco Unified MeetingPlace Release 5.4 or Release 5.6 for the First Time

For instructions on installing Video Administration for Cisco Unified MeetingPlace, see the DocWiki at http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_Installing_and_Configuring_Video_Conferencing_Basics.

Note the following considerations:

- Before you install Video Administration, confirm the following:
 - That Microsoft Windows SNMP service is installed.
 - That ports 1098 and 1099 are not occupied.
- Confirm that the web server port (TCP 8080 by default) and the internal gatekeeper authorization port (TCP 7777 by default) are not blocked.
- Install Microsoft SQL Server or Microsoft SQL Server Desktop Engine (MSDE) on the Video Administration machine before you install Video Administration.
- Do not interrupt the installation procedure. After starting the service, allow several minutes for initialization of the server before logging in to the web user interface.

- Following installation, upon initial login, the User Provisioning screen appears. Do not change the default selection that automatically appears. Click OK.
- To enable proper Cisco Unified Videoconferencing MCU resource calculation, meeting types must be downloaded from the MCUs. To modify meeting type (MCU service) settings, update the service parameters in the specified MCU. In the Video Administration web interface, download this meeting type from the specified MCU and then upload to all the other MCUs in the network, if there is more than one.

Upgrading to Video Administration for Cisco Unified MeetingPlace Release 5.4 or Release 5.6

For instructions on upgrading Video Administration for Cisco Unified MeetingPlace, see the DocWiki at http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_Installing_and_Configuring_Video_Conferencing_Basics.

Limitations and Restrictions

See the following DocWiki page for additional limitations: http://docwiki.cisco.com/wiki/Cisco_Unified_MeetingPlace%2C_Release_6.x_-_Cisco_Unified_MeetingPlace_Video_Integration_Limitations_and_Restrictions.

Closed Caveats

The following caveats have been closed, which means that Cisco acknowledges that there is a problem but is choosing not to fix it. See the “Using Bug Toolkit” section on page 9 for information about accessing these caveats.

Caveat Number	Severity	Component	Description
CSCsq15951	4	icm-radvision	Launch VA config using VA's built-in batch program fails on 2000.4.3a OS
CSCta21914	5	icm-radvision	uninstall video admin leaves VA related keys in registry

Caveats

- [Using Bug Toolkit, page 9](#)
- [Open Caveats, page 10](#)
- [Resolved Caveats, page 10](#)

Using Bug Toolkit

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of the following:

- All severity level 1 or 2 bugs.
- Significant severity level 3 bugs.
- All customer-found bugs.

You can search for problems by using the Cisco Software Bug Toolkit.

Before You Begin

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

Procedure

-
- Step 1** To access the Bug Toolkit, go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** To look for information about a specific problem, enter the bug ID number in the “Search for Bug ID” field, then click **Go**.
-

For information about how to search for bugs, create saved searches, and create bug groups, click **Help** in the Bug Toolkit page.

Open Caveats

There are no open caveats for Cisco Unified MeetingPlace Video Integration Release 6.0 and Video Administration Release 5.6 that meet this criteria:

- All severity level 1 or 2 bugs.
- Significant severity level 3 bugs.
- All customer-found bugs.

Resolved Caveats

This section lists caveats that are resolved but that may have been open in previous releases.

Bugs are listed in order of severity and then in alphanumeric order by bug identifier. Because defect status continually changes, be aware that this document reflects a snapshot of the defects that were resolved at the time this report was compiled. For an updated view of resolved defects, access the Bug Toolkit (see the “[Using Bug Toolkit](#)” section on page 9).

The following sections list caveats that are resolved in Cisco Unified MeetingPlace Video Integration Release 6.0 and Video Administration Release 5.6 but that may have been open in previous releases:

- [Video Integration Release 6.0\(5.5\) and Video Administration Release 5.6\(2.104\)](#), page 11
- [Video Integration Release 5.4\(206.0\) and Video Administration Release 5.6\(2.101\)](#), page 11

- [Video Integration Release 5.4\(204.0\) and Video Administration Release 5.4\(2.103\)](#), page 11
- [Video Integration Release 5.4\(204.0\) and Video Administration Release 5.4\(0.112\)](#), page 12
- [Video Integration Release 5.4\(107.0\) and Video Administration Release 5.4\(0.105\)](#), page 12

Video Integration Release 6.0(5.5) and Video Administration Release 5.6(2.104)

[Table 4](#) lists the caveats that were resolved in Cisco Unified MeetingPlace Video Integration Release 6.0(5.5) and Video Administration Release 5.6(2.104).

Table 1 *Video Integration Release 6.0(5.5) and Video Administration Release 5.6(2.104) Resolved Caveats*

Caveat Number	Severity	Component	Description
CSCsz00173	1	video-mp	MPVideo Service crashes and recovers
CSCsx20553	2	mp-docs-video	Need warning added to iCM recovery process
CSCsx64933	2	icm-radvision	Voice link does not establish for password protected meetings
CSCta29550	2	icm-radvision	system with > 50 video port capacity, but can only use up to 50 ports
CSCsv19509	3	icm-radvision	Dial-in show as guest on MP Web for EP registered to IOS GK
CSCsv21818	3	web	Profile user in MR outdial self video phone, EP shown as Tech Engineer
CSCsy26804	3	icm-radvision	Dialing service prefix + any number joins and creates ad-hoc meeting

Video Integration Release 5.4(206.0) and Video Administration Release 5.6(2.101)

[Table 4](#) lists the caveats that were resolved in Cisco Unified MeetingPlace Video Integration Release 5.4(206.0) and Video Administration Release 5.6(2.101).

Table 2 *Video Integration Release 5.4(206.0) and Video Administration Release 5.6(2.101) Resolved Caveats*

Caveat Number	Severity	Component	Description
CSCsu10358	2	video-mp	Outdial to auto-answer endpoint fails with the message “No meeting found with the specified meeting ID”
CSCsm34909	3	video-mp	Need to reconnect if MP Agent goes away and comes back
CSCsr28954	3	video-mp	MP video outdials all video terminals fails when auto-answer is set.
CSCsk16777	4	video-mp	Robustness: Video Admin restart, video user disappear from Part List
CSCso52915	6	mp-docs-video	Extending of video meeting in case of MP Video restart
CSCsu31317	6	mp-docs-video	Document “fake terminal” in MP Video Admin

Video Integration Release 5.4(204.0) and Video Administration Release 5.4(2.103)

[Table 4](#) lists the caveats that were resolved in Cisco Unified MeetingPlace Video Integration Release 5.4(204.0) and Video Administration Release 5.4(2.103).

Table 3 *Video Integration Release 5.4(204.0) and Video Administration Release 5.4(2.103) Resolved Caveats*

Caveat Number	Severity	Component	Description
CSCsI90591	3	icm-radvision	MP video does not work using secure communications over 8443
CSCsq05417	3	mp-docs-video	Procedure for securing comm btwn MP Video and VA need update

Video Integration Release 5.4(204.0) and Video Administration Release 5.4(0.112)

[Table 4](#) lists the caveats that were resolved in Cisco Unified MeetingPlace Video Integration Release 5.4(204.0) and Video Administration Release 5.4(0.112).

Table 4 *Video Integration Release 5.4(204.0) and Video Administration Release 5.4(0.112) Resolved Caveats*

Caveat Number	Severity	Component	Description
CSCsg73498	3	video-mp	Endpoints not put on MCUs that they are registered if dial out

Video Integration Release 5.4(107.0) and Video Administration Release 5.4(0.105)

[Table 5](#) lists the caveats that were resolved in Cisco Unified MeetingPlace Video Integration Release 5.4(107.0) and Video Administration Release 5.4(0.105).

Table 5 *Video Integration Release 5.4(107.0) and Video Administration Release 5.4(0.105) Resolved Caveats*

Caveat Number	Severity	Component	Description
CSCsh79717	1	video-mp	MP video crash when iCM sends unparseable data in conf auth request
CSCsg62300	2	video-mp	Unable to dial in as continuous meeting is not extending

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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