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This document provides information for all releases of Cisco Unified MeetingPlace Release 8.5 including the following:

- Release 8.5.5 (also referred to as 8.5 MR3)
- Release 8.5.4 (also referred to as 8.5 MR2)
- Release 8.5.3 (also referred to as 8.5 MR1)
- Release 8.5.2
- Release 8.5.1

Note: Cisco Unified MeetingPlace Release 8.5 is not backwards compatible. All major components, such as the Application Server/Express Media Server, Hardware Media Server, Web Server, and Cisco WebEx Node for MCS, must be at Release 8.5.

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Component Compatibility for Release 8.5.5

Note: For compatibility information for other Cisco Unified MeetingPlace releases, go to http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_device_support_tables_list.html.

The following table lists the components (and their release numbers) that are compatible with the Cisco Unified MeetingPlace Application Server Release 8.5.5.

Application Server Version	Component Name	Component Version	Component Release Date
8.5.5.2	Audio Blade	6.5.0.6.0	May 31, 2011

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<p>Released October 31, 2012</p> <p>Note: The Express Media Server and Meeting Director are included with the Application Server and are therefore on the same version.</p>	<p>Video Blade</p>	<p>5.3.3.0.54A</p>	<p>Mar. 26, 2010</p>
	<p>Cisco WebEx Node for MCS</p>	<p>8.5.2.8</p>	<p>August 24, 2011</p>
	<p>Web Server software</p>	<p>8.5.5.2</p>	<p>October 31, 2012</p>
	<p>Web Server Operating System</p>	<p>One of the following versions of the Cisco Unified MeetingPlace Windows OS depending on your Cisco platform:</p> <ul style="list-style-type: none"> • 5.0.0.3 (MPWinOS_I3_5003.iso) • 4.1.0.3 (MPWinOS_I2_4103.iso) • 4.1.0.2 (MPWinOS_H2_4102.iso) • 1.0.0.3 (MPWinOS_VM_1003.iso) <p>Notes:</p> <ul style="list-style-type: none"> • The Cisco Unified MeetingPlace Windows OS depends on the version of your Cisco hardware. For more information, see Operating System. • Release 8.5 supports the Cisco-provided operating system only. 	<p>May 31, 2011</p> <p>Notes:</p> <ul style="list-style-type: none"> • MPWinOS_I3_5003.iso was released July 1, 2011. • MPWinOS_VM_1003.iso was released July 12, 2011.
	<p>Cisco Unified Communications Manager (CUCM)</p>	<ul style="list-style-type: none"> • CUCM 6.1(5), 7.0(2), 7.1(5), 8.0(1), 8.0(2), 8.0(3), 8.5(1), 8.6(1), 8.6(2), 9.0.1, 9.1.1.20000-5 (previous 9.1 builds have LDAP issue) • CUCM-SME 7.1(3), 8.0, 8.5 <p>Notes:</p>	<p>Nov. 12, 2007 - 2012</p>

	<ul style="list-style-type: none"> • MeetingPlace with sRTP enabled requires UC Manager 7.0 and above to support sRTP. • CUCM 8.0(3) supports SIP Refers for multinode Cisco Unified MeetingPlace systems. Open a case with Cisco TAC against the Cisco Unified Communications Manager to obtain the latest Engineering Special (ES) or Service Update (SU) version of CUCM 8.0(3). • Ad-hoc (SCCP) meetings are not supported with CUCM 8.5 per known bug issue on UC Manager. • For more information, see <u>Cisco Unified Communications Manager Compatibility</u> <ul style="list-style-type: none"> ◆ CUCM 9.1 support is limited to SIP trunk integration only, customers using LDAP integration via CUCM must use 9.1.1.20000-5 build 	
Cisco Unified Operations Manager	8.6	August 2011
Cisco WebEx Business Suite (WBS)	WBS27 SP27, up to WBS28 Note: If your site is on a version earlier than SP25, contact your Cisco WebEx Customer Support Engineer (CSE) to request an upgrade to the minimum version required for use with Cisco Unified MeetingPlace Release 8.5.	June 4, 2011
Cisco Unified MeetingPlace for Microsoft Outlook	8.5.5.2	October 31, 2012
Cisco Unified MeetingPlace for IBM Lotus Notes	8.5.5.2	October 31, 2012

Component Compatibility for Release 8.5.4

Note: For compatibility information for other Cisco Unified MeetingPlace releases, go to http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_device_support_tables_list.html.

The following table lists the components (and their release numbers) that are compatible with the Cisco

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Unified MeetingPlace Application Server Release 8.5.4.

Application Server Version	Component Name	Component Version	Component Release Date
8.5.4.12 Released June 15, 2012 Note: The Express Media Server and Meeting Director are included with the Application Server and are therefore on the same version.	Audio Blade	6.5.0.6.0	May 31, 2011
	Video Blade	5.3.3.0.54A	Mar. 26, 2010
8.5.4.12 Released June 15, 2012 Note: The Express Media Server and Meeting Director are included with the Application Server and are therefore on the same version.	Cisco WebEx Node for MCS	8.5.2.8	August 24, 2011
	Web Server software	8.5.4.12	June 15, 2012
	Web Server Operating System	<p>One of the following versions of the Cisco Unified MeetingPlace Windows OS depending on your Cisco platform:</p> <ul style="list-style-type: none"> • 5.0.0.3 (MPWinOS_I3_5003.iso) • 4.1.0.3 (MPWinOS_I2_4103.iso) • 4.1.0.2 (MPWinOS_H2_4102.iso) • 1.0.0.3 (MPWinOS_VM_1003.iso) <p>Notes:</p> <ul style="list-style-type: none"> • The Cisco Unified MeetingPlace Windows OS depends on the version of your Cisco hardware. For more information, see <u>Operating System</u>. • Release 8.5 supports the Cisco-provided operating system only. 	<p>May 31, 2011</p> <p>Notes:</p> <ul style="list-style-type: none"> • MPWinOS_I3_5003.iso was released July 1, 2011. • MPWinOS_VM_1003.iso was released July 12, 2011.
	Cisco Unified Communications Manager (CUCM)	<ul style="list-style-type: none"> • CUCM 6.1(5), 7.0(2), 7.1(5), 8.0(1), 8.0(2), 8.0(3), 8.5(1), 	Nov. 12, 2007 - July 21, 2011

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	<p>8.6(1), 9.0(1)</p> <ul style="list-style-type: none"> • CUCM-SME 7.1(3), 8.0, 8.5 <p>Notes:</p> <ul style="list-style-type: none"> • MeetingPlace with sRTP enabled requires UC Manager 7.0 and above to support sRTP. • CUCM 8.0(3) supports SIP Refers for multinode Cisco Unified MeetingPlace systems. Open a case with Cisco TAC against the Cisco Unified Communications Manager to obtain the latest Engineering Special (ES) or Service Update (SU) version of CUCM 8.0(3). • Ad-hoc (SCCP) meetings are not supported with CUCM 8.5 per known bug issue on UC Manager. • For more information, see Cisco Unified Communications Manager Compatibility 	
Cisco Unified Operations Manager	8.6	August 2011
Cisco WebEx Business Suite (WBS)	<p>WBS27 SP27 or later</p> <p>Note: If your site is on a version earlier than SP25, contact your Cisco WebEx Customer Support Engineer (CSE) to request an upgrade to the minimum version required for use with Cisco Unified MeetingPlace Release 8.5.</p>	June 4, 2011
Cisco Unified MeetingPlace for Microsoft Outlook	8.5.4.12	June 15, 2012
Cisco Unified MeetingPlace for IBM Lotus Notes	8.5.4.12	June 15, 2012

Component Compatibility for Release 8.5.3

Note: For compatibility information for other Cisco Unified MeetingPlace releases, go to http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_device_support_tables_list.html.

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The following table lists the components (and their release numbers) that are compatible with the Cisco Unified MeetingPlace Application Server Release 8.5.3.

Application Server Version	Component Name	Component Version	Component Release Date
8.5.3.4 Released January 31, 2012 Note: The Express Media Server and Meeting Director are included with the Application Server and are therefore on the same version.	Audio Blade	6.5.0.6.0	May 31, 2011
	Video Blade	5.3.3.0.54A	Mar. 26, 2010
	Cisco WebEx Node for MCS	8.5.2.8	August 24, 2011
	Web Server software	8.5.3.4	January 31, 2012
	Web Server Operating System	<p>One of the following versions of the Cisco Unified MeetingPlace Windows OS depending on your Cisco platform:</p> <ul style="list-style-type: none"> • 5.0.0.3 (MPWinOS_I3_5003.iso) • 4.1.0.3 (MPWinOS_I2_4103.iso) • 4.1.0.2 (MPWinOS_H2_4102.iso) • 1.0.0.3 (MPWinOS_VM_1003.iso) <p>Notes:</p> <ul style="list-style-type: none"> • The Cisco Unified MeetingPlace Windows OS depends on the version of your Cisco hardware. For more information, see Operating System. • Release 8.5 supports the Cisco-provided operating system only. 	<p>May 31, 2011</p> <p>Notes:</p> <ul style="list-style-type: none"> • MPWinOS_I3_5003.iso was released July 1, 2011. • MPWinOS_VM_1003.iso was released July 12, 2011.

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Cisco Unified Communications Manager (CUCM)	<ul style="list-style-type: none"> • CUCM 6.1(5), 7.0(2), 7.1(5), 8.0(1), 8.0(2), 8.0(3), 8.5(1), 8.6(1) • CUCM-SME 7.1(3), 8.0, 8.5 <p>Notes:</p> <ul style="list-style-type: none"> • MeetingPlace with sRTP enabled requires UC Manager 7.0 and above to support sRTP. • CUCM 8.0(3) supports SIP Refers for multinode Cisco Unified MeetingPlace systems. Open a case with Cisco TAC against the Cisco Unified Communications Manager to obtain the latest Engineering Special (ES) or Service Update (SU) version of CUCM 8.0(3). • Ad-hoc (SCCP) meetings are not supported with CUCM 8.5 per known bug issue on UC Manager. • For more information, see Cisco Unified Communications Manager Compatibility 	Nov. 12, 2007 - July 21, 2011
Cisco Unified Operations Manager	8.6	August 2011
Cisco WebEx Business Suite (WBS)	WBS27 SP27, up to WBS28	June 4, 2011
	Note: If your site is on a version earlier than SP25, contact your Cisco WebEx Customer Support Engineer (CSE) to request an upgrade to the minimum version required for use with Cisco Unified MeetingPlace Release 8.5.	
Cisco Unified MeetingPlace for Microsoft Outlook	8.5.3.4	January 31, 2012
Cisco Unified MeetingPlace for IBM Lotus Notes	8.5.3.4	January 31, 2012

Component Compatibility for Release 8.5.2

Note: For compatibility information for other Cisco Unified MeetingPlace releases, go to http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_device_support_tables_list.html.

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The following table lists the components (and their release numbers) that are compatible with the Cisco Unified MeetingPlace Application Server Release 8.5.2.

Application Server Version	Component Name	Component Version	Component Release Date
8.5.2.8 Released August 24, 2011 Note: The Express Media Server and Meeting Director are included with the Application Server and are therefore on the same version.	Audio Blade	6.5.0.6.0	May 31, 2011
	Video Blade	5.3.3.0.54A	Mar. 26, 2010
	Cisco WebEx Node for MCS	8.5.2.8 Note: If you currently have Cisco WebEx Node for MCS release 8.5.1.6 installed, you will need to install Cisco WebEx Node for MCS release 8.5.2.8 to ensure compatibility with the 8.5.2 release of Cisco Unified MeetingPlace. See the <i>Installation, Upgrade, and Migration Guide</i> for details.	August 24, 2011
	Web Server software	8.5.2.8	August 24, 2011
	Web Server Operating System	One of the following versions of the Cisco Unified MeetingPlace Windows OS depending on your Cisco platform: <ul style="list-style-type: none"> • 5.0.0.3 (MPWinOS_I3_5003.iso) • 4.1.0.3 (MPWinOS_I2_4103.iso) • 4.1.0.2 (MPWinOS_H2_4102.iso) • 1.0.0.3 (MPWinOS_VM_1003.iso) Notes:	May 31, 2011 Notes: <ul style="list-style-type: none"> • MPWinOS_I3_5003.iso was released July 1, 2011. • MPWinOS_VM_1003.iso was released July 12, 2011.

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	<ul style="list-style-type: none"> • The Cisco Unified MeetingPlace Windows OS depends on the version of your Cisco hardware. For more information, see Operating System. • Release 8.5 supports the Cisco-provided operating system only. 	
Cisco Unified Communications Manager (CUCM)	<ul style="list-style-type: none"> • CUCM 6.1(5), 7.0(2), 7.1(5), 8.0(1), 8.0(2), 8.0(3), 8.5(1), 8.6(1) • CUCM-SME 7.1(3), 8.0, 8.5 <p>Notes:</p> <ul style="list-style-type: none"> • MeetingPlace with sRTP enabled requires UC Manager 7.0 and above to support sRTP. • CUCM 8.0(3) supports SIP Refers for multinode Cisco Unified MeetingPlace systems. Open a case with Cisco TAC against the Cisco Unified Communications Manager to obtain the latest Engineering Special (ES) or Service Update (SU) version of CUCM 8.0(3). • Ad-hoc (SCCP) meetings are not supported with CUCM 8.5 per known bug issue on UC Manager. • For more information, see Cisco Unified Communications Manager Compatibility 	Nov. 12, 2007 - July 21, 2011
Cisco Unified Operations Manager	8.6	August 2011
Cisco WebEx Business Suite (WBS)	WBS27 SP27, up to WBS28	
	<p>Note: If your site is on a version earlier than SP25, contact your Cisco WebEx Customer Support Engineer (CSE) to request an upgrade to the minimum version required for use with Cisco Unified MeetingPlace Release 8.5.</p>	June 4, 2011
	8.5.2.8	August 24, 2011

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Cisco Unified MeetingPlace for Microsoft Outlook		
Cisco Unified MeetingPlace for IBM Lotus Notes	8.5.2.8	August 24, 2011

Component Compatibility for Release 8.5.1

Note: For compatibility information for other Cisco Unified MeetingPlace releases, go to http://www.cisco.com/en/US/products/sw/ps5664/ps5669/products_device_support_tables_list.html.

The following table lists the components (and their release numbers) that are compatible with the Cisco Unified MeetingPlace Application Server Release 8.5.1.

Application Server Version	Component Name	Component Version	Component Release Date
8.5.1.6	Audio Blade	6.5.0.6.0	May 31, 2011
Released May 31, 2011	Video Blade	5.3.3.0.54A	Mar. 26, 2010
Note: The Express Media Server and Meeting Director are included with the Application Server and are therefore on the same version.			
	Cisco WebEx Node for MCS	8.5.1.6	May 31, 2011
	Web Server software	8.5.1.6	May 31, 2011
	Web Server Operating System	One of the following versions of the Cisco Unified MeetingPlace Windows OS: <ul style="list-style-type: none"> • 5.0.0.3 (MPWinOS_I3_5003.iso) • 4.1.0.3 (MPWinOS_I2_4103.iso) • 4.1.0.2 (MPWinOS_H2_4102.iso) 	May 31, 2011 Note: MPWinOS_I3_5003.iso was released July 1, 2011.
		Notes:	

Cisco_Unified_MeetingPlace_Release_8.5_--_Compatibility_Matrix

	<ul style="list-style-type: none"> • The Cisco Unified MeetingPlace Windows OS depends on the version of your Cisco MCS hardware. For more information, see Operating System. • Release 8.5 supports the Cisco-provided operating system only. 	
Cisco Unified Communications Manager (CUCM)	<ul style="list-style-type: none"> • CUCM 6.1(5), 7.0(2), 7.1(5), 8.0(1), 8.0(2), 8.0(3), 8.5(1) • CUCM-SME 7.1(3), 8.0, 8.5 <p>Notes:</p> <ul style="list-style-type: none"> • CUCM 8.0(3) supports SIP Refers for multinode Cisco Unified MeetingPlace systems. Open a case with Cisco TAC against the Cisco Unified Communications Manager to obtain the latest Engineering Special (ES) or Service Update (SU) version of CUCM 8.0(3). • For more information, see Cisco Unified Communications Manager Compatibility 	Nov. 12, 2007 - July 21, 2011
Cisco Unified Operations Manager	8.5	Mar. 1, 2011
Cisco WebEx Business Suite (WBS)	<p>WBS27 SP27, up to WBS28</p> <p>Note: If your site is on a version earlier than SP25, contact your Cisco WebEx Customer Support Engineer (CSE) to request an upgrade to the minimum version required for use with Cisco Unified MeetingPlace Release 8.5.</p>	June 4, 2011
Cisco Unified MeetingPlace for Microsoft Outlook	8.5.1.6	May 31, 2011
Cisco Unified MeetingPlace for IBM Lotus Notes	8.5.1.6	May 31, 2011

Cisco Unified Communications Manager Compatibility

Cisco Unified Communications Manager Version	Supported with Cisco Unified MeetingPlace Release 8.5.1	Supported with Cisco Unified MeetingPlace Release 8.5.2	SIP Trunk Calls/Second	Number of Audio/Video Server Nodes Supported	Notes
6.1(5)	Y	Y	<17	1 node deployment only	Not supported in WebEx-scheduling deployments
7.0(2)	Y	Y	17.77	4 node deployment (requires WebEx front-end)	Lower scaleability with multinode, max of 8cps + 75% refers with 4 nodes, brings down ports per node to 800
7.1(5)	Y	Y	18.52	4 node deployment (requires WebEx front-end)	Lower scaleability with multinode, max of 8cps + 75% refers with 4 nodes, brings down ports per node to 800
8.0(1)	Y	Y	24.69	1 node deployment only	Not supported in WebEx-scheduling deployments
8.0(2)	Y	Y	24.69	1 node deployment only	Not supported in WebEx-scheduling deployments
8.0(3)	Y	Y	8	4 server deployment (requires WebEx front-end)	Supports 1000 ports per node. Verified 8cps incoming call rate with 75% call refer rate. CUCM 8.0(3) supports SIP Refers for multinode Cisco Unified MeetingPlace systems. You must open a case with Cisco TAC against Cisco Unified Communications Manager to obtain the latest Engineering Special (ES) or Service Update (SU) version of CUCM 8.0(3).
8.5(1)	Y	Y	36		

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				16 server deployment (requires WebEx front-end)	Supports 1200 ports per node Total number of nodes includes 12 Conferencing nodes, two additional Conferencing nodes for resiliency, and two Meeting Directors Not supported for ad-hoc meetings
8.5(1)	N	Y	36	16 server deployment (requires WebEx front-end)	Supports 1200 ports per node Total number of nodes includes 12 Conferencing nodes, two additional Conferencing nodes for resiliency, and two Meeting Directors
8.5(2)	N	Supported in MR1&MR3 (MP8.5.3/MP8.5.4)	36	16 server deployment (requires WebEx front-end)	Supports 1200 ports per node Total number of nodes includes 12 Conferencing nodes, two additional Conferencing nodes for resiliency, and two Meeting Directors

Audio Endpoint Compatibility

The following Cisco Unified IP Phones are supported in Release 8.5:

- 7940 G and G-GE series (SCCP only)
 - ◆ Minimum firmware version 6.0(4.3), also called App Load ID P00306000403
- 7941, 7942, and 7945
- 7960 G and G-GE series (SCCP only)
 - ◆ Minimum firmware version 6.0(4.3), also called App Load ID P00306000403
- 7961, 7962 and 7965
- 7970 G series
- 7971, 7975
- 8961
- 9951 and 9971
- Cisco IP Communicator Release 1.1(5) or later

Note: For information about upgrading the firmware, see the Cisco Unified Communications Manager documentation.

Video Endpoint Compatibility

This section provides compatibility information between Cisco Unified MeetingPlace Release 8.5 and various video terminals when using Cisco Unified Communications Manager (CUCM).

All testing was performed with Cisco Unified MeetingPlace connected to Cisco Unified Communications Manager via SIP trunk.

- Cisco Unified MeetingPlace Release 8.5.1 was tested with CUCM 8.5.
- Cisco Unified MeetingPlace Release 8.5.2 was tested with CUCM 8.6.

For H.323 testing, the terminal was registered to a H.323 Gatekeeper, which was connected to Cisco Unified Communications Manager through an H.323 trunk. For SIP and SCCP, the terminal was registered directly to Cisco Unified Communications Manager.

Notes:

- WebEx-scheduling deployments do not support Cisco Unified Communications Manager Release 8.0(1) and 8.0(2).
- Endpoints with the following test results are likely to drop calls when transferring to a breakout session, initiating a #31 dial-out call, or exiting the meeting with #9:
 - ◆ Dial in-fail
 - ◆ Dial out-fail
 - ◆ Direct to meeting-OK or "-"

These video endpoints typically do not correctly support the required media transfer mechanism.

- Transferring a Cisco Unified MeetingPlace call from a Cisco-brand phone to a third-party SIP video terminal is likely to result in an audio-only connection. This is due to differences in the way Cisco and third-party terminals negotiate transport of telephony events. The differences cause Cisco Unified Communications Manager to insert a media termination point (MTP) in the call. Unless a hardware MTP resource is available, this insertion will block the video stream.

Compatibility Test Results with the Hardware Media Server

Following are the test results for video endpoint compatibility when using Cisco Unified MeetingPlace Release 8.5 with a Hardware Media Server (HMS).

Notes:

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- The Hardware Media Server supplies Standard Definition video. High Definition video is not supported.
- H.323 endpoints must be configured as video terminals in order to have video.

Manufacturer/Brand	Model/Series	Protocol	<u>Dial In</u>	<u>Dial Out</u>	<u>Direct to Meeting</u>	<u>4CIF</u>	Version Tested	Notes
Cisco	Cius	SIP	OK	OK	OK	N	9-1-1CM-709	Tested with Unified MeetingPlace Release 8.5. Results are the same for both Standard Rate and High Rate
Cisco	Cisco Unified Personal Communicator (CUPC) 7.x	SIP	OK	OK	OK	N	(Release 8.5.2) 7.1(1.13893) (Release 8.5.1) 7.1(1.13949)	-
Cisco	Cisco Unified Personal Communicator (CUPC) 8.x	SIP	OK	OK	OK	N	8.5.1.18395-6.2.9, CSF 8.5(3)-4.3.29	Tested with Unified MeetingPlace Release 8.5. Recommendation is to set "Show my video" automatically
Cisco	Cisco UC Integration for Microsoft Office Communicator	SIP	OK	OK	OK	N	CSF 8.5(1)-4.0.8	Tested with Release 8.5.
Cisco	Cisco UC Integration for Microsoft Lync	SIP	OK	OK	OK	N	8.5(105.17095), CSF 8.5(1)-4.0.12	Tested with Release 8.5. Recommendation is to set "Show my video" automatically
Cisco	Cisco Unified Video Advantage and Cisco IP Communicator/79XX	SCCP	OK	OK	OK	N	2.2.1.7 and 7.0.5.0	Tested with Release 8.5. 8.5.2
Cisco	Cisco Unified Video Advantage and Cisco	SIP	OK	OK	OK	N	(Release 8.5.2) 2.2.1.7 and	-

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	IP Phones 99xx						sip9971.9-2-1 (Release 8.5.1) 2.2.1.7 and sip9971.9-1-1	
Cisco	Cisco Unified IP Phone 6941	SIP	Audio only	Audio only	Audio only	N	sip69xx.9-1-1-3-sr.zz	Tested with Release 8.5. Results are the same for both Standard Rate and High Rate
Cisco	Cisco Unified IP Phone 6941	SCCP	Audio only	Audio only	Audio only	N	SCCP 9.2.1.0	Tested with Release 8.5.
Cisco	Cisco Unified IP Phone 8941	SIP	OK	OK	OK	N	9.1.2(SCCP 9-1-2-00)	Tested with Release 8.5. Results are the same for both Standard Rate and High Rate
Cisco	Cisco Unified IP Phone 9951/9971	SIP	OK	OK	OK	N	(Release 8.5.2) sip99xx.9-2-1 (Release 8.5.1) sip9951.9-1-1	-
Cisco	Cisco TelePresence MXP 1700	H.323	OK	Audio only	OK	Y	F8.2 PAL	Tested with Release 8.5.
		SIP	OK	OK	OK	Y	F8.2 PAL	Tested with Release 8.5.
Cisco	Cisco TelePresence MXP 1700	H.323	OK	OK	OK	Y	F9.0.2 PAL	Tested with Release 8.5.
		SIP	OK	OK	OK	Y	F9.0.2 PAL	Tested with Release 8.5.
Cisco	Cisco IP Phone 7985	SCCP	OK	OK	OK	N	cmterm_7985.4-1-7-0	Tested with Release 8.5. 8.5.2
Cisco	Cisco IP Video Phone E20	SIP	OK	OK	OK	N	(Release 8.5.2) TE4.0.0RC5 (Release 8.5.1) TE4.0.0RC1	Results are the same for both Standard Rate and High Rate
Cisco	Cisco TelePresence System Quick Set C20	SIP	OK	OK	OK	N	TC5.0	Tested with Release 8.5.

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								Results are the same for both Standard Rate and High Rate
Cisco	Cisco TelePresence System EX 90	SIP	OK	OK	OK	N	TC5.0	Tested with Release 8.5. Results are the same for both Standard Rate and High Rate
Cisco	Cisco TelePresence Movi	SIP	OK	OK	OK	N	4.1	Tested with Release 8.5. Results are the same for both Standard Rate and High Rate
Cisco	Cisco TelePresence System 1100	SIP	OK	OK	OK	N	CTS_1.7.4(256)_P1	Tested with Release 8.5. Results are the same for both Standard Rate and High Rate
Polycom	VSX 3000A	H.323	OK	OK	OK	Y	Release 9.0.6.1	Tested with Release 8.5.
		SIP	Fail	OK	OK	Y	Release 9.0.6.1	Endpoint service video quality class B (medium video quality)
Polycom	VSX 3000A	H.323	OK	OK	OK	Y	Release 9.0.6.1	Tested with Release 8.5.
		SIP	Fail	Fail	Audio only	Y	Release 9.0.6.1	Endpoint service video quality class B (medium video quality)
LifeSize	Passport	H.323	OK	Audio only	OK	Y	LS_PP1_4.7.0(19)	Tested with Release 8.5.

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		SIP	OK	OK	OK	Y	LS_PP1_4.7.0(19)	Tested with Release 8.5.
LifeSize	Passport	H.323	OK	OK	OK	Y	LS_PP1_4.8.0(59)	Tested with Release 8.5.
		SIP	OK	OK	OK	Y	LS_PP1_4.8.0(59)	Tested with Release 8.5.

Compatibility Test Results with the Express Media Server

Following are the test results for video endpoint compatibility when using Cisco Unified MeetingPlace Release 8.5 with an Express Media Server (EMS).

For Cisco applications, the availability of High Definition (HD) video depends on the version of your Cisco application and video camera. For example:

- Cisco Unified Personal Communicator Release 7.0 does not support HD video.
- Cisco Unified Personal Communicator Release 8.0 supports HD video if you are using an HD video camera and a quad-core PC.
- Cisco UC Integration for Microsoft Office Communicator Release 7.0 does not support video.
- Cisco UC Integration for Microsoft Office Communicator Release 8.0 supports HD video if you are using an HD video camera and a quad-core PC.

Manufacturer/Brand	Model/Series	Protocol	Device Type (1)	Dial In	Dial Out	Direct to Meeting	Version Tested
Cisco	Cius	SIP	H.263	Audio only	Audio only	Audio only	9-1-1CM-709
			H.264 Level 1.1	OK	OK	OK	
			H.264 Level 1.3	OK	OK	OK	
			H.264 Level 3.0	OK	OK	OK	
			H.264 Level 3.1	OK	OK	OK	
Cisco	Jabber	SIP	H.263	NA	NA	NA	8.0.1.17215
			H.264 Level 1.1	NA	NA	NA	
			H.264 Level 1.3	NA	NA	NA	
				NA	NA	NA	

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			H.264 Level 3.0					
			H.264 Level 3.1	NA	NA	NA		
Cisco	Cisco Unified IP Phone 8941	SIP	H.263	Audio only	Audio only	Audio only	9.1.2(SCCP 9-1-2-00)	Te Re
			H.264 Level 1.1	OK	OK	OK		
			H.264 Level 1.3	OK	OK	OK		
			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco Unified IP Phone 6941	SIP	H.263	Audio only	Audio only	Audio only	sip69xx.9-1-1-3-sr.zz	Te Re
			H.264 Level 1.1	Audio only	Audio only	Audio only		
			H.264 Level 1.3	Audio only	Audio only	Audio only		
			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco Unified IP Phone 6941	SCCP	H.263	Audio only	Audio only	Audio only	SCCP 9.2.1.0	Te Re Th on
			H.264 Level 1.1	Audio only	Audio only	Audio only		
			H.264 Level 1.3	Audio only	Audio only	Audio only		
			H.264 Level 3.0	OK	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco		SIP	H.263	NA	NA	NA		

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	Cisco Unified IP Phone 9951						(Release 8.5.2) sip99xx.9-2-1	H. sup	
	Cisco Unified IP Phone 9971		H.264 Level 1.1	OK	OK	OK	(Release 8.5.1) sip9951/71.9-1-1	-	
			H.264 Level 1.3	OK	OK	OK		-	
			H.264 Level 3.0	OK	OK	OK		-	
			H.264 Level 3.1	Audio only	Audio only	Audio only		-	
Cisco	Cisco IP Phone 7985	SCCP	H.263	OK	OK	OK	cmterm_7985.4-1-7-0	Tr vic ins co	
			H.264 Level 1.1	OK	OK	OK			
			H.264 Level 1.3	OK	OK	OK			
			H.264 Level 3.0	Audio only	Audio only	Audio only			
			H.264 Level 3.1	Audio only	Audio only	Audio only			
Cisco	Cisco IP Phone 7985	SIP	H.263	OK	OK	OK	cmterm_7985.4-1-7-0	Tr vic ins co	
			H.264 Level 1.1	OK	OK	OK			
			H.264 Level 1.3	OK	OK	OK			
			H.264 Level 3.0	Audio only	Audio only	Audio only			
			H.264 Level 3.1	Audio only	Audio only	Audio only			
Cisco	Cisco Unified Video Advantage and Cisco IP Communicator/79XX IP Phones	SCCP	H.263	OK	OK	OK	2.2.1.7 and 7.0.5.0	Te Re 8.5	
			H.264 Level 1.1	OK	OK	OK			
			H.264 Level 1.3	OK	OK	OK			

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			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco Unified Video Advantage and Cisco Unified IP Phone 9971	SIP	H.263	NA	NA	NA	(Release 8.5.2) 2.2.1.7 and sip9971.9-2-1	H.
			H.264 Level 1.1	OK	OK	OK		-
			H.264 Level 1.3	OK	OK	OK		-
			H.264 Level 3.0	Audio only	Audio only	Audio only	(Release 8.5.1) 2.2.1.7 and sip9971.9-1-1	-
			H.264 Level 3.1	Audio only	Audio only	Audio only		-
Cisco	Cisco Unified Personal Communicator (CUPC) 7.x	SIP	H.263	OK	OK	OK	(Release 8.5.2) 7.1(1.13893) (Release 8.5.1) 7.1(1.13949)	Te
			H.264 Level 1.1	OK	OK	OK		Re
			H.264 Level 1.3	OK	OK	OK		8.5
			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco Unified Personal Communicator (CUPC) 8.x	SIP	H.263	NA	NA	NA	8.5.1.18395-6.2.9, CSF 8.5(3)-4.3.29	
			H.264 Level 1.1	OK	OK	OK	9.5.1.18395-6.2.9, CSF 8.5(3)-4.3.29	
			H.264 Level 1.3	OK	OK	OK	10.5.1.18395-6.2.9, CSF 8.5(3)-4.3.29	Te
			H.264 Level 3.0	OK	OK	OK	11.5.1.18395-6.2.9, CSF 8.5(3)-4.3.29	Re
			H.264 Level 3.1	OK	OK	OK	12.5.1.18395-6.2.9,CSF 8.5(3)-4.3.29	

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Cisco	Cisco UC Integration for Microsoft Office Communicator	SIP	H.263	NA	NA	NA	8.5.84.16222, CSF 8.5(1)-4.0.8	H.
			H.264 Level 1.1	OK	OK	OK		sup
			H.264 Level 1.3	OK	OK	OK		Te
			H.264 Level 3.0	OK	OK	OK		Re
			H.264 Level 3.1	OK	OK	OK		Te
Cisco	Cisco UC Integration for Microsoft Lync	SIP	H.263	NA	NA	NA	8.5(105.17095), CSF 8.5(1)-4.0.12	Re
			H.264 Level 1.1	OK	OK	OK		sup
			H.264 Level 1.3	OK	OK	OK		Te
			H.264 Level 3.0	OK	OK	OK		Re
			H.264 Level 3.1	OK	OK	OK		Te
Cisco	Cisco TelePresence System EX 90	SIP	H.263	OK	OK	OK	TC5.0	Re
			H.264 Level 1.1	OK	OK	OK		Te
			H.264 Level 1.3	OK	OK	OK		Re

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			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco TelePresence System Quick Set C20	SIP	H.263	OK	OK	OK	TC5.0	
			H.264 Level 1.1	OK	OK	OK		
			H.264 Level 1.3	OK	OK	OK		
			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco IP Video Phone E20	SIP	H.263	OK	OK	OK	(Release 8.5.2) TE4.0.0RC5	
			H.264 Level 1.1	OK	OK	OK		
			H.264 Level 1.3	OK	OK	OK		
			H.264 Level 3.0	Audio only	Audio only	Audio only		
			H.264 Level 3.1	Audio only	Audio only	Audio only		
Cisco	Cisco TelePresence Movi	SIP	H.263	OK	OK	OK	4.1	
			H.264 Level 1.1	OK	OK	OK		
			H.264 Level 1.3	OK	OK	OK		
			H.264 Level 3.0	OK	OK	OK		
			H.264 Level 3.1	OK	OK	OK		
			H.263	NA	NA	NA		
			H.264 Level 1.1	OK	OK	OK		

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			H.264 Level 1.3	OK	OK	OK	
			H.264 Level 3.0	OK	OK	OK	
			H.264 Level 3.1	Fail	Fail	Fail	
Cisco	Cisco TelePresence 1700 MXP	H.323	H.263	OK	OK	OK	(Release 8.5.2) F9.0.2 PAL (Release 8.5.1) F8.2 PAL
			H.264 Level 1.1	OK	OK	OK	
			H.264 Level 1.3	Audio only	(Release 8.5.2) Audio only	(Release 8.5.2) Audio only	
			H.264 Level 1.3	Audio only	(Release 8.5.1) OK	(Release 8.5.1) OK	
			H.264 Level 3.0	Audio only	Audio only	Audio only	
			H.264 Level 3.1	Audio only	Audio only	Audio only	
Cisco	Cisco TelePresence 1700 MXP	SIP	H.263	(Release 8.5.2) Audio only	OK	OK	(Release 8.5.2) F9.0.2 PAL (Release 8.5.1) F8.2 PAL
			H.263	(Release 8.5.1) OK			
			H.264 Level 1.1	(Release 8.5.2) Audio only	OK	OK	
			H.264 Level 1.3	(Release 8.5.1) OK			
			H.264 Level 1.3	(Release 8.5.2) Audio only	OK	OK	

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				(Release 8.5.1) OK			
			H.264 Level 3.0	Audio only	Audio only	Audio only	
			H.264 Level 3.1	Audio only	Audio only	Audio only	
Polycom	VSX 3000A	H.323	H.263	(Release 8.5.2) Audio only (Release 8.5.1) Fail	OK	OK	9.0.6.1
			H.264 Level 1.1	(Release 8.5.2) Audio only (Release 8.5.1) Fail	OK	OK	
			H.264 Level 1.3	(Release 8.5.2) Audio only (Release 8.5.1) Fail	Audio only	Audio only	
			H.264 Level 3.0	(Release 8.5.2) Audio only (Release 8.5.1) Fail	Audio only	Audio only	

Cisco_Unified_MeetingPlace_Release_8.5_--_Compatibility_Matrix

			H.264 Level 3.1	(Release 8.5.2) Audio only (Release 8.5.1) Fail	Audio only	Audio only	
Polycom	VSX 3000A	SIP	H.263	Fail	OK	OK	9.0.6.1
			H.264 Level 1.1	Fail	(Release 8.5.2) Audio only (Release 8.5.1) OK	Audio only	
			H.264 Level 1.3	Fail	Audio only	Audio only	
			H.264 Level 3.0	Fail	Audio only	Audio only	
			H.264 Level 3.1	Fail	Audio only	Audio only	
LifeSize	Passport	H.323	H.263	OK	OK	OK	(Release 8.5.2) LS_PP1_4.8.0(59) (Release 8.5.1) LS_PP1_4.7.0 (19)
			H.264 Level 1.1	OK	OK	OK	
			H.264 Level 1.3	OK	OK	OK	
			H.264 Level 3.0	OK	(Release 8.5.2) OK (Release 8.5.1) Audio only	OK	
			H.264 Level 3.1	Audio only	OK	OK	

Cisco_Unified_MeetingPlace_Release_8.5_--_Compatibility_Matrix

LifeSize	Passport	SIP	H.263	(Release 8.5.2) Fail	(Release 8.5.2) Fail	OK	(Release 8.5.2) LS_PP1_4.8.0(59)
				(Release 8.5.1) OK	(Release 8.5.1) OK		
			H.264 Level 1.1	(Release 8.5.2) Fail	(Release 8.5.2) Fail	OK	
				(Release 8.5.1) OK	(Release 8.5.1) OK		
			H.264 Level 1.3	(Release 8.5.2) Fail	(Release 8.5.2) Fail	OK	
(Release 8.5.1) OK	(Release 8.5.1) OK						
H.264 Level 3.0	(Release 8.5.2) Fail	(Release 8.5.2) Fail	OK	(Release 8.5.1) LS_PP1_4.7.0 (19)			
	(Release 8.5.1) OK	(Release 8.5.1) OK					
H.264 Level 3.1	(Release 8.5.2) Fail	(Release 8.5.2) Fail	Audio only				
	(Release 8.5.1) OK	(Release 8.5.1) OK					

(1) H.264 Level 1.1 = Mobile mode, H.264 Level 1.3 = Desktop mode, H.264 Level 3.0 = VGA mode, H.264 Level 3.1 = High Definition mode

Related Topics

- For information about Cisco Unified Video Advantage, see http://www.cisco.com/en/US/products/sw/voicesw/ps5662/tsd_products_support_series_home.html
- For information about Cisco Unified Personal Communicator, see http://www.cisco.com/en/US/products/ps6844/tsd_products_support_series_home.html

Terminology Used in Video Endpoint Compatibility Test Results

The following table describes the terminology used in [Table: Video Endpoints Compatible with Cisco Unified MeetingPlace Release 8.5 and HMS](#) and [Table: Video Endpoints Compatible with Cisco Unified MeetingPlace Release 8.5 and EMS](#).

Terminology	Description
Test	
Dial In	Tested dialing in to Cisco Unified MeetingPlace.
Dial Out	Tested dialing out from Cisco Unified MeetingPlace by using a web browser command or by using the TUI command #31.
Direct to Meeting	Tested dialing out from Cisco Unified MeetingPlace using the scheduled "direct to meeting" mode. The process was to configure a video terminal profile for outdial to terminal, tell the video terminal to skip the meeting entry prompts on outdial, and then invite the terminal to the meeting.
4CIF	Tested whether the terminal worked when tested with 4CIF using H.263.
Result	
OK	The terminal was able to enter a meeting using video.
No video	The terminal was able to enter a meeting, but without video or with one-way video.
Fail	The terminal was not able to enter a meeting. The failure may have been at initial connection or at meeting entry.
"_"	The terminal was not tested in this mode.

Video Format Support

[Table: Supported Video Formats](#) lists the supported video formats for various combinations of the global video mode and the codec used by the video terminal.

Note: If Cisco Unified Communications Manager causes the connection rate to be lower than the maximum for your global video mode setting (384 kbps for standard rate, 2 Mbps for high rate), then the resolution or frames per second sent by Cisco Unified MeetingPlace may be reduced.

Global Video Mode	Codec	Video Format	Frames per Second
High rate (2 Mbps maximum)	H.264	CIF, QCIF	30
	H.263	4CIF	15
	H.263	CIF, QCIF	30
	H.261	CIF, QCIF	30
Standard rate (384 kbps maximum)	H.264	CIF	15
	H.264	QCIF	30
	H.263	CIF, QCIF	30