Cisco Unity Connection Feature Comparison (Versions 7.1, 8.5, 8.6, 9.0, and 9.1)

Table 1 compares features of Cisco Unity® Connection Versions 7.1, 8.5, 8.6, 9.0, and 9.1. The table was updated January 15, 2013.

Table 1. Feature Comparison of Cisco Unity Connection Versions 7.1, 8.5, 8.6, 9.0, and 9.1

	Cisco Unity Connection 7.1	Cisco Unity Connection 8.5 and 8.6	Cisco Unity Connection 9.0 and 9.1
Target customers	Small and medium-sized business (SMB) Commercial Enterprise	Enterprise Commercial SMB	Enterprise Commercial SMB
Platform	Server	Server	Server
Maximum capacity (ports and sessions)	144 ports on single server or 288 ports on active-active cluster pair (voicemail only) 72 ports on single server or 144 ports on active-active cluster pair (integrated messaging [IM])	250 ports on single server or 500 ports on active-active cluster pair	250 ports on single server or 500 ports on active-active cluster pair
Maximum capacity (mailboxes)	10,000 (voicemail only) 7,500 (IM, per server or active-active server pair, multiple servers or server pairs supported)	20,000 per server (multiple servers or server pairs supported)	20,000 per server (multiple servers or server pairs supported)
Total networked users	50,000	100,000	100,000
Intuitive Telephone User Interface (TUI)			
Play and process messages (repeat, reply, forward, delete, save, mark as new, hear day or time stamp, and skip to next message)	X	X	X
Reverse, pause, or fast forward message	X	X	X
Control volume and speed during playback	X	X	X
Pause or resume during message recording	X	X	X
Address message to multiple recipients	X	X	X
Remove introductions to forwarded messages		X (8.6 and later)	X
Search for messages by name, caller ID, phone number, and extension	X	X	X
Regular, urgent, and private messages	X	X	X
Secure messages	X	X	X
Future delivery	X	X	X
Return receipt	X	X	X
Live record	X	X	X
Live reply (internal and external callers)	X	X	X
Address message by extension or by name	X	X	X
Message delivery to nonsubscribers or subscribers at non-office telephone numbers	X	X	X

	Cisco Unity Connection 7.1	Cisco Unity Connection 8.5 and 8.6	Cisco Unity Connection 9.0 and 9.1
Forward fax to any fax machine	X	X	X
Access meetings in Cisco® Unified MeetingPlace® and Unified MeetingPlace Express applications	X	X	X
Access appointments in your Microsoft Outlook calendar	X	X	X
Set preferences per device (such as speed, volume, conversation type, and personal identification number [PIN] requirement)	X	X	X
Edit alternate contact numbers from the TUI	X	X	X
Desktop Message Access*			
Single inbox and message store		UM-C	UM-C
Intelligent Notifications (HTML-based actionable notifications): Play, delete, forward, and reply to specific message in message stack			X
Play, save, and delete voicemail	Internet Message Access Protocol (IMAP), IMAP-O, IMAP-N, and Inbox*	UM-C, UM-D, UM-B (8.6), UM-O (8.6.2 SU2), UM-G, IMAP, IMAP-O, IMAP-N, and Inbox*	UM-C, UM-D, UM-B, UM-O, UM-G, IMAP, IMAP-O, IMAP-N, and Inbox*
Reply, forward, and record voicemail	IMAP, IMAP-O, IMAP-N, and Inbox*	UM-C, UM-D, UM-B (8.6), UM-O (8.6.2 SU2), UM-G, IMAP, IMAP-O, IMAP-N, and Inbox*	UM-C, UM-D, UM-B, UM-O, UM-G, IMAP, IMAP-O, IMAP-N, and Inbox*
Message-waiting-indicator synchronization	IMAP, IMAP-O, IMAP-N, and Inbox*	UM-C, UM-D, UM-B (8.6), UM-O (8.6.2 SU2), UM-G, IMAP, IMAP-O, IMAP-N, and Inbox*	UM-C, UM-D, UM-B, UM-O, UM-G, IMAP, IMAP-O, IMAP-N, and Inbox*
Embedded DVR-style interface to play, pause, rewind, and fast forward	IMAP-O, IMAP-N, and Inbox*	UM-C, UM-B, IMAP-O, IMAP-N, and Inbox*	UM-C, UM-B, IMAP-O, IMAP-N, and Inbox*
Generic media player to play, pause, rewind, and fast forward	X	X	X
Respond to voicemail with email	X	X	X
Apply inbox rules to voice and fax mail	IMAP	IMAP	IMAP
Access voicemail through Cisco Jabber™ for Mac		IMAP	IMAP
Access voicemail through Cisco Unified Personal Communicator	IMAP	IMAP	IMAP
Access voicemail through IBM Lotus Sametime	IMAP	IMAP	IMAP
Access voicemail through Cisco Unified Communications Integration™ for Microsoft Office Communicator and Lync		IMAP	IMAP
Access voicemail through Cisco Unified Communications Integration for Cisco WebEx® Connect		IMAP	IMAP
Really Simple Syndication (RSS) inbox reader	X	X	X
End-User Features			
Personal web administration through Cisco Personal Communications Assistant	X	X	X
Full or brief TUI menus	X	X	X
Change prompt and message playback speed	X	X	X
Address and record or record and address message	X	X	X
Record multiple personal greetings	7 greetings	7 greetings	7 greetings
Holiday schedule and greeting	X	X	X
Alternate greeting: Expiration date and time, notify users, play full greeting for callers, and forward to greeting without ringing phone	X	X	X
Record separate sets of greetings in different languages	X	X	X

	Cisco Unity Connection 7.1	Cisco Unity Connection 8.5 and 8.6	Cisco Unity Connection 9.0 and 9.1
Message notification: Simple Mail Transfer Protocol (SMTP) text, pager, phone destinations, and Short Message Service (SMS)	X	X	X
Intelligent notifications			X
Cascade message notifications	X	X	X
Announce and don't announce message counts (total, saved, and new)	X	X	X
Announce and don't announce transferred call	X	X	X
Send callers to call, directory, or interview handlers	X	X	X
Select order of message receipt (last in, first out [LIFO] and first in, first out (FIFO), type) through GUI	X	X	X
RIM Blackberry support	Through Cisco Unified Mobility Advantage and Unified Mobile Communicator	Through Cisco Unified Mobile Communicator	Through Cisco Unified Mobile Communicator
Nokia Symbian support	Through Cisco Unified Mobility Advantage and Unified Mobile Communicator	Through Cisco Mobile and Cisco Unified Mobile Communicator	Through Cisco Mobile and Cisco Unified Mobile Communicator
Apple iPhone support		Through Cisco Mobile and Cisco Unified Mobile Communicator	Through Cisco Mobile and Cisco Unified Mobile Communicator
Android support		Through Cisco Jabber messaging integration platform	Through Cisco Jabber
Message monitor (live call screening)			
Interrupted session recovery		X	X
Alternate extensions	X	X	X
Private distribution lists	X	X	X
PIN-less login to voice mailbox	X	X	X
Address messages to frequently used names	X	X	X
Customizable subject lines (for visual voicemail)	X	X	X
Voice message store and forward (to external mailbox)	X	X	X
Create folders within a mailbox for inbox, deleted items, sent items, and draft items		X	X
Announce if message has been sent to multiple recipients		X	X
Listen to names of all recipients of a message		X	X
Remove prior introductions when forwarding a message		X (8.6 and later)	X
Outside callers can mark messages as private		X	X
Speech-to-Text: Read text-based voicemail transcripts in email (Cisco SpeechView feature)		X	X
Call Transfer Features			
Route incoming calls by caller ID	X	X	X
Route incoming calls by time of day	X	X	X
Route incoming calls by calendar (free and busy on Microsoft Exchange)	X	X	X
Simple transfer and screening	X	X	X
Transfer to alternate contact number	Up to 12 numbers	Up to 12 numbers	Up to 12 numbers
Disable transfer prompts	X	X	X
Call transfer rules using Cisco Unified Mobility	Deploy with Cisco Unified Mobility	Deploy with Cisco Unified Mobility	Deploy with Cisco Unified Mobility

	Cisco Unity Connection 7.1	Cisco Unity Connection 8.5 and 8.6	Cisco Unity Connection 9.0 and 9.1
Speech Recognition Interface (Automatic Speech Recognition [ASR])[**]			
Voice dial directory and personal contacts	X	X	X
Play and process messages (repeat, reply, forward, delete, save, mark as new, hear day or time stamp, and skip to next message)	X	X	X
Pause, resume, speed up, slow down, skip ahead, and skip back commands	X	X	X
Edit and manage personal greetings	X	X	X
Speech access to meetings in Cisco Unified MeetingPlace, Unified MeetingPlace Express, and Microsoft Outlook applications	X	X	X
Allow users to speak voicemail passwords	X	X	X
Allow users to speak time and dates	X	X	X
Toggle between speech recognition and touch-tone conversations		X	X
Speech-Enabled Automated Attendant (Speech Connect Feature)			
Dial by saying the name of person or department you want to contact	X	X	X
Hear the contact's name in contact's own recorded voice	X	X	X
Configure as a speed dial on the phone	X	X	X
Support up to 100,000 names in the speech directory	X	X	X
Partition support (limit the directory search scope to a certain population of employees)	X	X	X
Deploy on the voice messaging server	X	X	X
Email Access Through Text-To-Speech			
Play, repeat, and save messages	X	X	X
List and play supported message attachments	X	X	X
IP Phone Services			
Visual Voicemail for Unified IP Phones	X	X	X
Manage messages	X	X	X
Icon representation of urgent messages	X	X	X
Sort messages by caller, date, type, and priority	X	X	X
Search messages by caller, sender, date, calling-line ID (CLID), and priority	X	X	X
Fax			
Cisco Fax Server	X	X	X (Cisco no longer sells Cisco Fax Server; we now support OpenText's RightFax Server)
Third-party fax server		X	X
Single phone number for voice calls and fax transmissions	X	X	X
Localizations			
English (US-ENU)[**]	X	X	X
ttd/tty	X	X	X
Languages supported (refer to individual solution guides for details)	19	29	29

	Cisco Unity Connection 7.1	Cisco Unity Connection 8.5 and 8.6	Cisco Unity Connection 9.0 and 9.1
Enterprise Deployment			
System networking	X	X	X
Advanced Cisco Unity Connection to Cisco Unity networking		X	X
Multiple sites	5 locations only	X (20 locations)	X (20 locations)
Voice Profile for Internet Mail (VPIM)	10 locations only	X (100 locations)	X (100 locations)
Audio Messaging Interchange Specification (AMIS)			
Cisco Unity Bridge			
Redundancy	X	X	X
Survivable Remote Site Voicemail deployment at the branch office			X (9.1 only)
Search space and partition support	X	X	X
Support on virtual server		X	X
Single Sign-On for browser applications		X	X
Telephony Environments			
Cisco Unified Communications Manager	X	X	X
Cisco Unified Communications Manager Express	X	X	X
Cisco Unified Communications Manager Session Management Edition		X	X
Cisco Unified SIP Proxy	X	X	X
Older private branch exchange (PBX) through PBX IP Media Gateway (PIMG)	X	X	X
Multiple simultaneous integrations	X	X	X
Serial integrations (through PIMG)	X	X	X
Analog integrations (through PIMG)	X	X	X
QSIG-enabled PBX integration through Cisco Integrated Services Router (ISR)	X	X	X
QSIG-enabled PBX integration through Cisco Unified Communications Manager	X	X	X
Support for E.164 formatted phone numbers		X	X
Security Features			
Cisco Security Agent	X	Replaced by SE Linux	Replaced by SE Linux
SE Linux policies		X	X
Password and PIN policy options	X	X	X
Call-restriction tables (prevent toll fraud)	X	X	X
Secure, private messaging	X	X	X
Secure delete		X	X
Security event logging	X	X	X
User PIN reset	X	X	X
Message archiving utilities	X	X	X
Message aging policies for group or per-user	X	X	X
Support Secure HTTP (HTTPS) for secure web access	X	X	X
Secure signaling and media	X	X	X
Secured Hash Algorithm for PIN and web password	Secure Hash Algorithm 1 (SHA-1) Message Digest Algorithm 5 (MD5)	SHA-1 MD-5	SHA-1 MD-5
Administration			

	Cisco Unity Connection 7.1	Cisco Unity Connection 8.5 and 8.6	Cisco Unity Connection 9.0 and 9.1
Admin interface	Web and CLI	Web and CLI	Web and CLI
Bulk Administrative Update tool	X	X	X
Installation	<1 hour	<1 hour	<1 hour
Reports	X	X	X
Representational State Transfer (REST)-based application programming interfaces (APIs) for end users, provisioning, messaging, telephony, and notification	X	X	X
Single Sign-On support with REST-based APIs			X (9.1 only)
System broadcast	X	X	X
Simple Network Management Protocol (SNMP) support	X	X	X
Message-handling actions (determines how specific types of messages are handled)	X	X	X
Auto-Attendant unlimited levels	X	X	X
Directory, call, and interview handlers	X	X	X
Dispatch messaging	X	X	X
Alternate TUI key mappings	X	X	X
Custom key mapping	X	X	X
Share subscriber licenses among networked servers (license pooling)			X (through Enterprise License Management)
Enterprise License Management (ELM)			X
Support for subscriber information dump, Consolidated Object Backup and Restore Application Suite (COBRAS) tool, port usage analyzer, and public distribution list builder	X	X	X
Application and database audit logging		X	X
IPv6 support		X	X

[*] Desktop Messaging Abbreviations

UM = Unified messaging with single (Microsoft Exchange or IBM Lotus Domino) Message Store
UM-E = UM with single Microsoft Exchange Message Store
UM-D = UM with single IBM Lotus Domino Message Store through partners Esnatech and Donoma Software
UM-C = UM with Microsoft Exchange and single Cisco Unity Connection Message Store
UM-B = UM with Microsoft Business Productivity Online Suite - Dedicated (BPOS-D)
UM-O = UM with Microsoft Office 365
UM-G = UM with Google Mail through partner Esnatech
IMAP = Access to voicemail messages through IMAP Client
IMAP-O = Access to voicemail messages through IMAP Client, using ViewMail for Microsoft Outlook plug-in (VMO)
IMAP-N = Access to voicemail messages through IMAP Client, using ViewMail for IBM Lotus Notes plug-in (VMN)
Inbox = Browser-based voicemail inbox access

[**] U.S. English only

For more information about Cisco Unity unified messaging, please visit:

http://www.cisco.com/en/US/products/sw/voicesw/ps2237/index.html.

For more information about Cisco Unity Connection, please visit:

http://www.cisco.com/en/US/products/ps6509/index.html.

For more information about Cisco Unity Express, please visit:

http://www.cisco.com/en/US/products/sw/voicesw/ps5520/index.html.