

The Cisco Live! logo features the word "CISCO" in a dark blue, sans-serif font, followed by "Live!" in a dark blue, cursive script font. The background of the entire image is a vibrant, multi-colored abstract pattern of overlapping, wavy lines and geometric shapes, transitioning from dark blue on the left to bright yellow and white in the center, and then to various shades of blue and green on the right.

CISCO *Live!*

Let's go



The bridge to possible

Remaining on-prem for Collaboration? Cisco has you covered

Mark Rankin, DSA – Global Collaboration Sales
Manish Joshi, Director – Product Management, Cisco Calling

CISCO *Live!*

PSOCOL-1580

Cisco Calling

30M+

Cisco UCM

50M+

Cisco Cloud
(Cisco and partner hosted)

13M+

Webex Calling

Market leadership

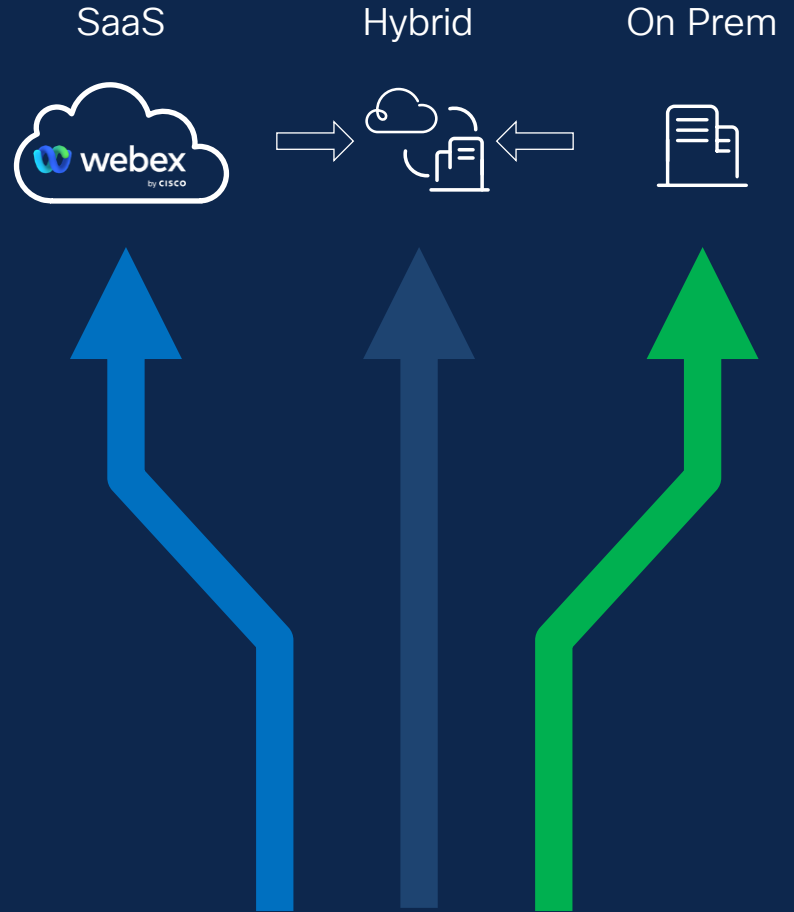
Customer choice and flexibility

Commitment to ongoing investment

What is the WAY
Forward?



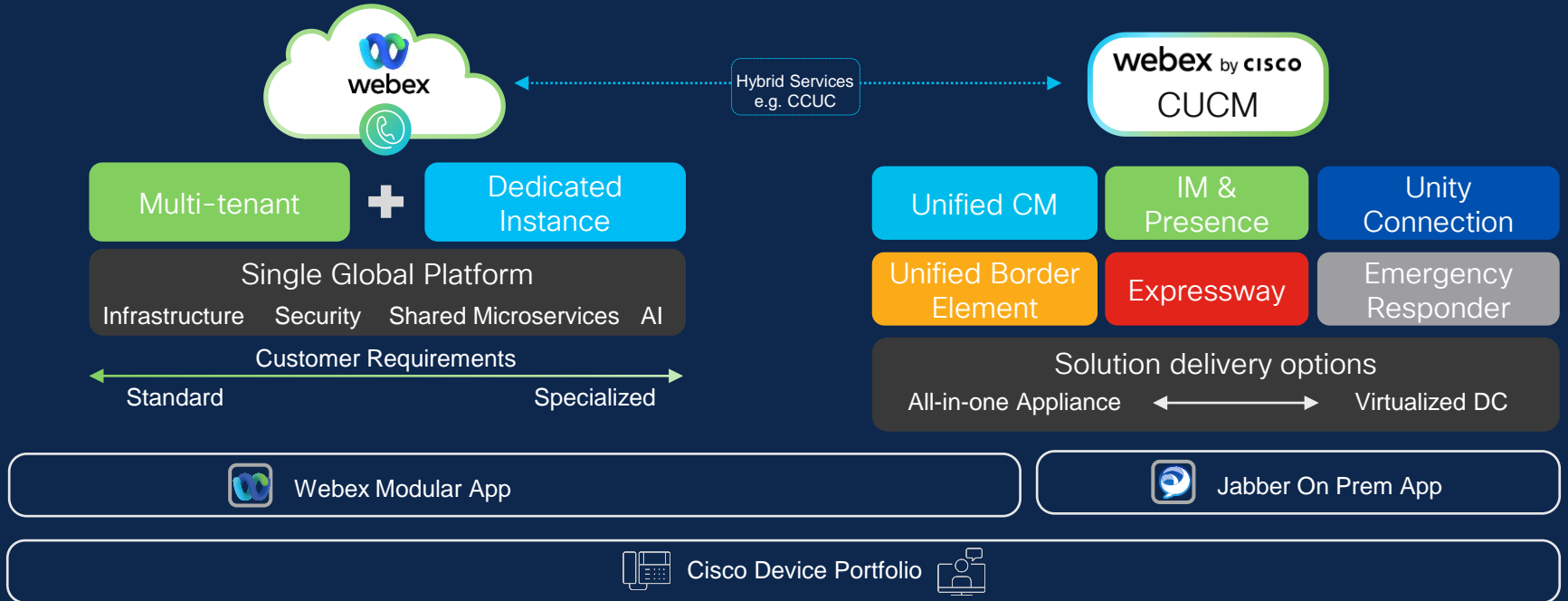
Cloud FIRST
but NOT
Cloud ONLY....



Calling in Webex Suite – Flexible Options

Delivered fully on Cloud, or as Hybrid

Delivered on-premises



Webex Suite is our holistic collaboration offering



Calling



Meetings



Messaging



Polling



Webinars



Events



Vidcast



Whiteboard



Secure and
Compliant



Scalable and
Globally Available



AI-Enabled

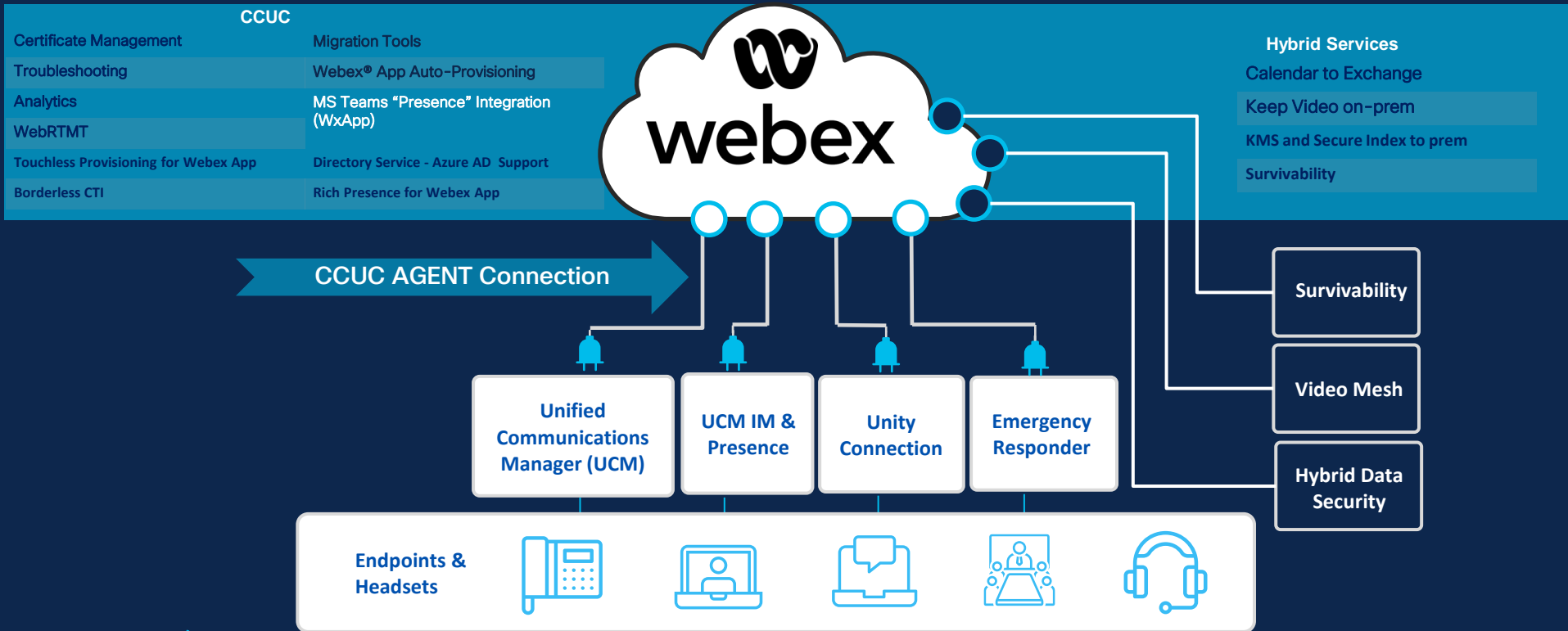


Open
Platform

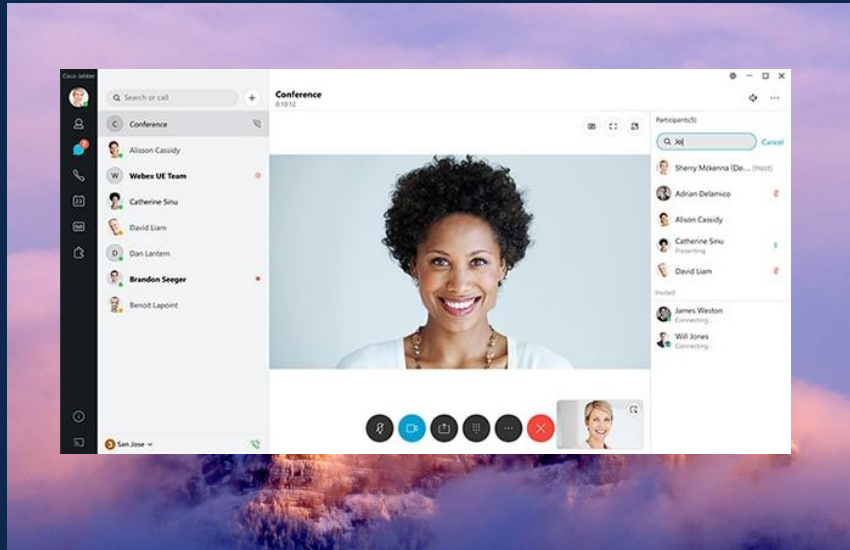


Managed
Centrally

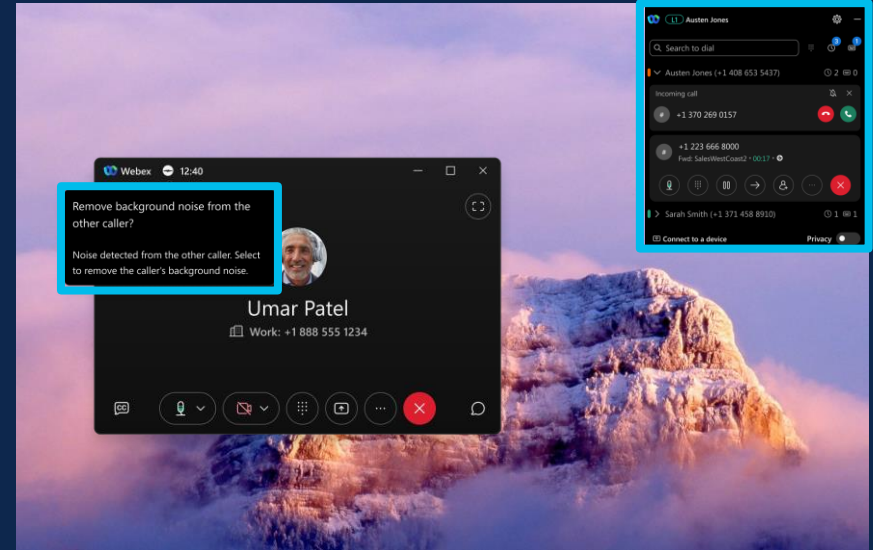
Webex Cloud Connected UC & Hybrid Services



Flexible Client Options - Calling features you need, available anywhere



Air-gapped deployments



Hybrid deployment with UCM or Webex Calling

Latest AI and innovations through Webex Platform

Immersive calling and collaboration devices

For any worker, anywhere, any device, including 3rd party devices



WiFi & DECT
Phones



Webex Desk
Camera + Headset



Desk
Phones



Webex Desk Series



Webex Board &
Room Series

Knowledge workers

Frontline

Executive & Room

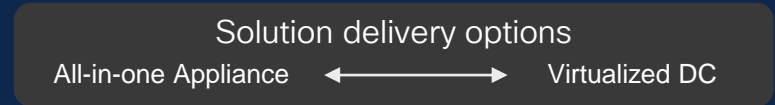
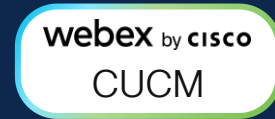
On Premise Focus

Delivered fully on Cloud, or as Hybrid



Hybrid Services
e.g. CCUC

Delivered on-premises



Continued investment in CUCM – commitment for the long term

Unified Communications Manager Development Themes



Simplifying UC administration



Enhancing security and compliance



Delivering the best user experiences



Connections to Cloud

CUCM 15 is GA Now – Dec 2023

Solution components and version 15 compatibility

Calling



CUCM
15



SME
15



CUC
15



CER
15



Expwly
X15



CPS
15



CUACS/A
14.0.2.20



PCD
15



CUBE
17.12.2

Messaging/ Teams



IMP
15

Meetings



CMS
3.8



VMN
3.9



TMS
15.13.3

Contact Center



CCX
15*



CCE
15*

Endpoints & Cloud Interop



Webex App
43.12



Jabber
14.2



Webex CCUC
No admin action needed



IP Phones 7800/8800
14-2-1-0101-26



Headsets
320: 1-1-0001-9
520/530: 15-18-30
560: 2-4-0001-15
720/730: 1-12-0-154



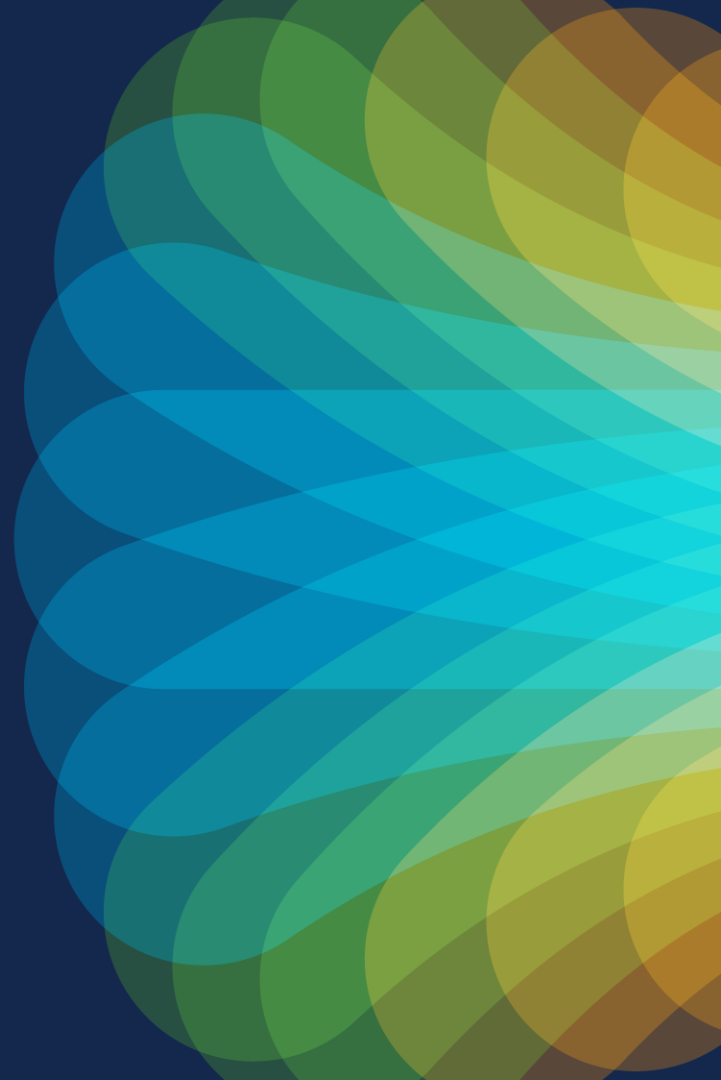
Video Endpoints
CE 9.15 / Vid 14.2

See also:

- *Compatibility Matrix for Cisco Unified Communications Manager and the IM and Presence Service, Release 15x @ https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/compat/15_x/cucm_b_compatibility-matrix-cucm-imp-15x.html#reference_E1369DFDFE37D48FD562DD_D09987FA4B*

* Not yet FCS. Use CCX 12.5(1) SU3 ES04 & CCE 12.6(2) for now, pending completion of compatibility testing.

UCM Release Strategy



End of Support for CentOS Linux distro

Overview

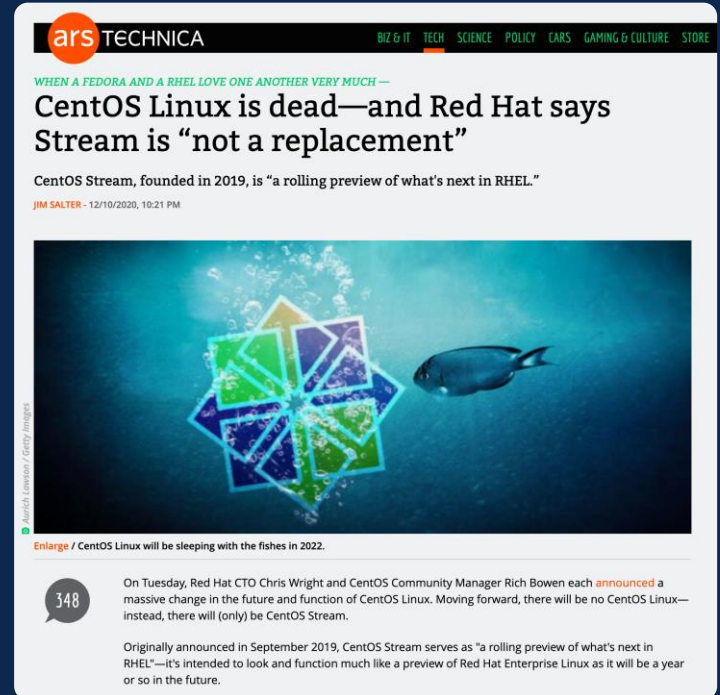
- Support for CentOS Linux was expected to continue until at least 2029
- However, the CentOS Project announced the discontinuation of CentOS in 2020
- As a result of CentOS discontinuation, end-of-support will occur in 2024
- CentOS will not be a reliable platform for business use after end-of-support
- Cisco is focused on providing customers with a reliable and stable platform for the future



UCM 11.5
EOM: May 2022
LDoS May 2024

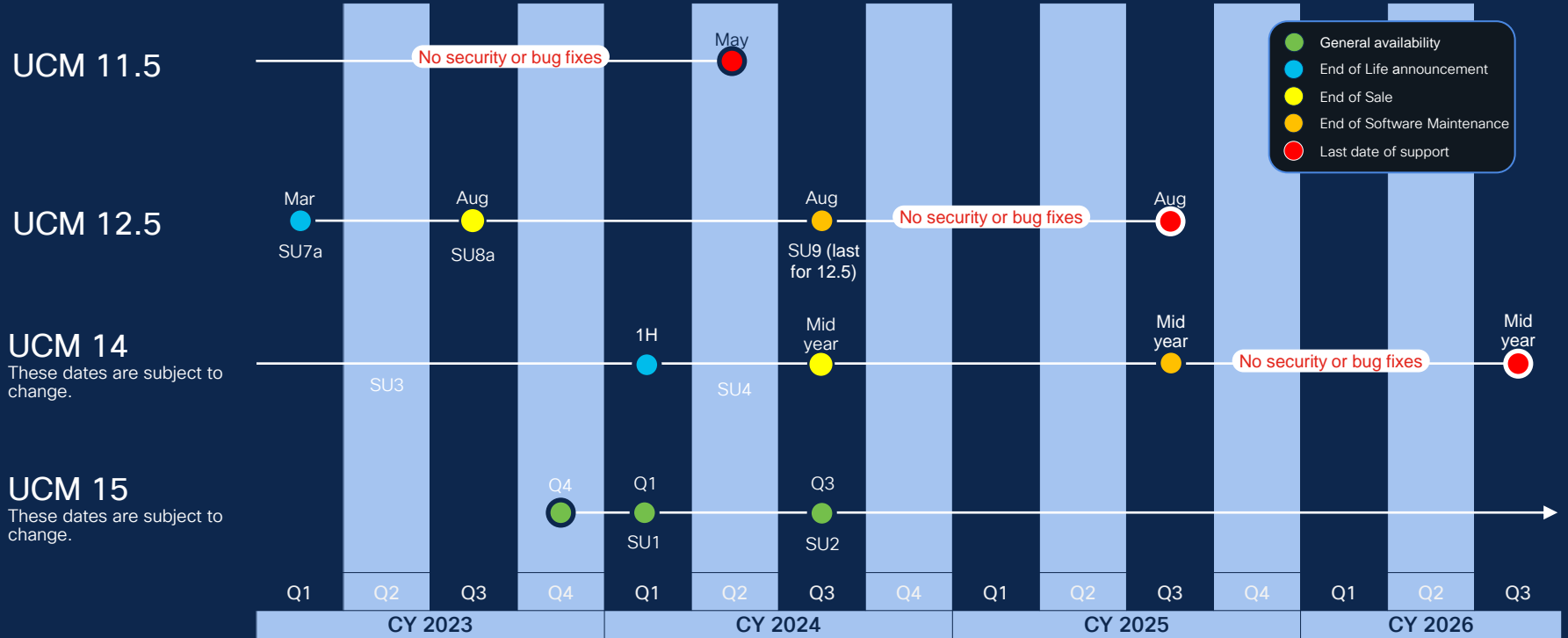
UCM 12.5
EOM: Aug 2024

UCM 14



Cisco UCM – Releases

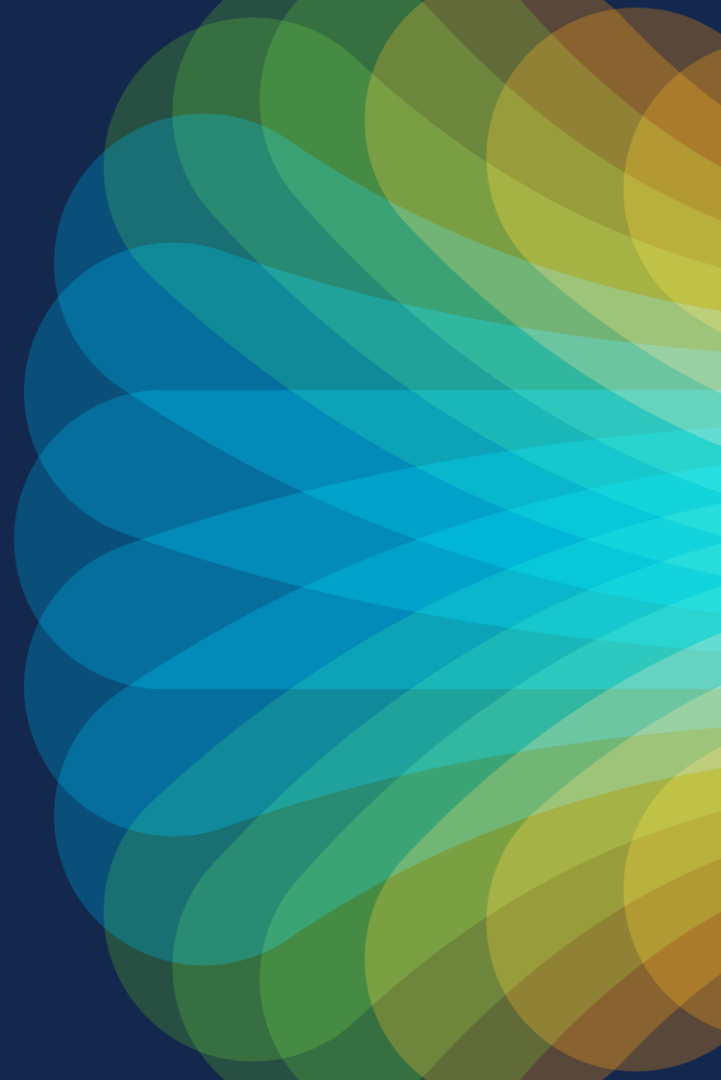
End-of-life milestones by version



Important updates with UCM 15

- ✓ No additional phone or device deprecation from CUCM 12.5 or CUCM 14.0 versions.
 - ✓ VMWare Version 8 support
 - ✓ Check your Hardware specifications – Hardware specifications will increase
 - ✓ Version 15 will not be a refresh upgrade, however there might be items which need to be addressed from previous versions deployed
 - ✓ Plan ahead- Work with your Cisco Partner or Cisco Account teams on understanding your path and putting together a plan
-
- For more info:
 - www.cisco.com/go/quotecollab
 - www.cisco.com/go/virtualized-collaboration

UCM 15 and Applications



CUCM Solution Updates – Last 24+ months

	Simplified Administration	Security / Compliance	Better User Experience	Connected to Cloud
14	<ul style="list-style-type: none"> Simple Phone refresh Higher cluster scale Fresh Install w/ Data import 	<ul style="list-style-type: none"> E911 compliance Simple Phone Security (oAuth) and revocation Simple certificate mgmt. 	<ul style="list-style-type: none"> MRA HA – Expressway & LTE/Wifi failover Jabber zero downtime Headset based EM login 	<ul style="list-style-type: none"> Cloud-Connected UC – Analytics IM&P Open Federation Unified Messaging w/ Google and O365
14 SU1	<ul style="list-style-type: none"> Serviceability for Jabber/ MRA, Persistent chat mgmt TFTP large file download BAT support for VG 420 	<ul style="list-style-type: none"> E911 for remote worker PLR Support for licensing SHA-2 for SCCP analog gw and conf bridge 	<ul style="list-style-type: none"> Wx App Self provisioning IPv6 over MRA Opus transcoding 	<ul style="list-style-type: none"> CCUC – Jabber App Migration, Self Enable, Analytics, Certificate Management. Operations Dashboard, WebRTMT
14 SU2	<ul style="list-style-type: none"> Expressway Smart Licensing (w/ PLR/SLR) Cluster s/w location for simple upgrades 	<ul style="list-style-type: none"> National suicide prevention Hotline (988) Redsky E911 loc service EST for Cert enrollment Authenticated SMTP 	<ul style="list-style-type: none"> Borderless CTI for MRA Accessibility enhancements 	<ul style="list-style-type: none"> CCUC – Borderless CTI, Troubleshooting, Touchless provisioning of Webex App, Migrations,
14 SU3	<ul style="list-style-type: none"> SRST and Webex Calling SGW colocation. CUC Scale >100K 	<ul style="list-style-type: none"> DTMF interworking for Secure Media MTP HA for oAuth Refresh Token renewal CRL enhancement ExpWay – ECDSA ExpWay – Select >2500 CUBE – Secure media forking for cloud speech services 	<ul style="list-style-type: none"> iOS Local Push Notification Presence, DND sync w/ Wx App VDI Support for Webex app <i>Webex Calling Dedicated Instance – Remote Survivability Mode</i> 	<ul style="list-style-type: none"> CCUC – Presence Synchronization, Azure AD support for UCM/CUC, DND Sync MS Teams integration – Call History, Presence, Voicemail

Quality – Automation, Library/Platform updates
Cisco Product Security Baseline, Federal Certification

CUCM 15 & Roadmap

User Experience

- *Local Push Notification**
- CUC – Better noise cancellation for VM deposit via Babble Labs integration
- CUBE - NAT Traversal using RTP keepalives
- Improved Webex App experience with persistent CUCM login flow
- Expressway - 88XX and 78XX Series Phone Failover
- Jabber blur backgrounds
- Post call survey
- Multi-line for Webex App mobile
- Webex App centralized call history
- Webex AI Codec support

Admin Simplicity & Platform Updates

- Core Linux Transition
 - Python 3
 - IDS
 - Kernel crypto
 - FIPS Toolkit
 - 64-bit Support
- Support for VG410
- *PUSH Notification Service enhancements for CUCM**
- CER – New device support for Switch Port tracking
- CER – IPv6 Subnet Tracking
- Megacluster Survivability via Higher Node Count.
- Higher scale/density (via 64-bit-app)

Security & Compliance

- Certificate based Multi Factor Authentication for RTMT
- FIP 140-2 certification
- USGv6 R1 certification*
- V6 Ready Logo*
- TLS 1.3
- DOD-IN APL Certification
- Secure Communications Interoperability Protocol (SCIP) support – UCM & CUBE
- FIPS 140-3 support
- Common Criteria Certification – UCM & Expressway
- IPv6 only for UCM & CSR apps

Bridges to the Cloud

- *Microsoft Teams Integration (via CCUC) – Call History, Voicemail, Bi-directional Presence, Call Forwarding Status and more*

Webex Cloud-Connected UC

- Directory Services (Azure AD support) – near real-time delta sync based on Webex CI Notification services

iOS Local Push Connectivity for calls (LPNS)

New

Industry first and only solution



Benefits

- **Reliable & Secure** way to notify Webex App / Jabber users on iOS devices of incoming VoIP call when iOS devices operate in a WiFi constrained network when there is **no internet connection** and doesn't have access to APNs

Key Features

- To the user, LPNS and APNS notifications will be identical
- Mission critical / Time critical Local notifications get delivered when App is suspended and running in background
- Persistent connectivity to LPNS service

Supported Releases:

- Cisco UCM: 15, 14SU3 onwards
- Webex App 43.6
- Jabber: 14.2

Cisco Jabber Roadmap

Cisco Jabber 14.2

- iOS & iPadOS 17 support
- Android 13 support
- Apple local push notifications over Wi-Fi
- Admin settings to enable ignoring call using “x” button in call notification toast
- Android dual VPN support
- New Device Support – Samsung xCover6 Pro, Galaxy A53, iPhone 15 series

Cisco Jabber 14.3 Q4CY23

- macOS Sonoma support
- Android 14 support
- Replace IE with Microsoft Edge (WebView2)
- Outlook Calendar integration for CMS meetings
- [Android] Cisco Jabber presence status changes to "Away" when it is in the background

Cisco Jabber 15.0 CY24

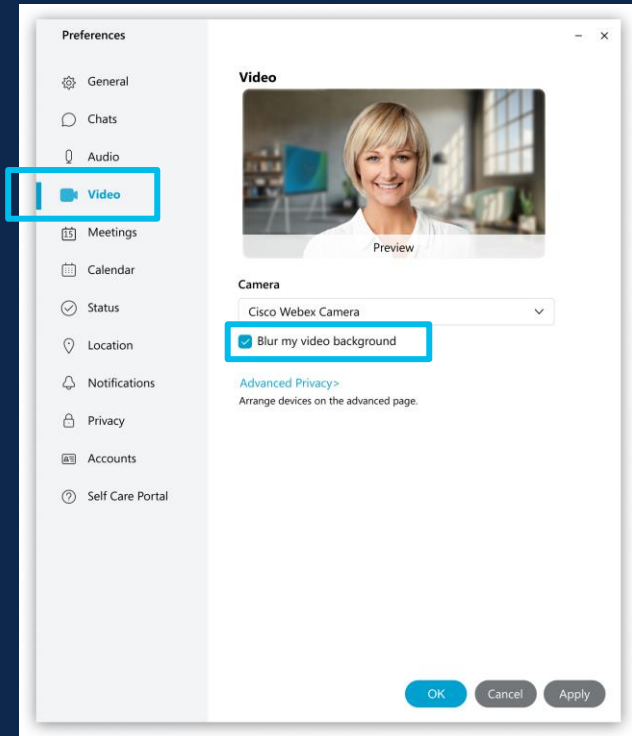
- Background blur for Windows (not virtual background)
- TLS 1.3 support
- Apple local push notifications over private LTE/5G network
- Enhancing security for Cisco Jabber Chrome extension

Jabber Video Call Background Blur

Cisco Jabber for Windows

This feature enables users to blur their self-video background, ensuring that information in the background remains hidden from their peers.

By selecting the "Blur my video background" option in the Video tab of Settings in Cisco Jabber, users can protect their privacy effectively. Once set, this preference will remain for future calls.



Jabber to Webex App



Key Feature Parity

Webex App offers cloud accelerated experience and cloud speed innovation

Integration with Webex Meetings & Messaging

Webex Device Proximity (control and sharing capabilities)

Advanced AI (e.g, Near end & remote PSTN noise removal)

Advanced calling features with Webex Calling linked to cloud service integration (RedSky E911, Call Recording, WebexGo Mobile etc.)

		Webex App (Unified CM)	Cisco Jabber
Messaging	IM-only Share	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Remote Desktop Control (Mouse & Keyboard)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Device	Desk-phone Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	HD Video & Audio Softphone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Calling	Contacts (Corporate, Personal, Local Search)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	In-a-call Presence, DND	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Hold/Resume, Consultative Transfer, Conference	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Call History	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Voicemail (Visual & MWI & Call VM)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Hunt Group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Call Pickup	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Call Park	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Extend & Connect & Dial-via Office	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	In-Call Sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Call Recording	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Multi-Line	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	FECC (Far End Camera Control)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	ICE Media Optimization	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3 rd Party Headset Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	CTI-Control by Other Application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Enterprise Contact Center (UCCE/X) Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Virtual Desktop Integration (VDI)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Cisco Meeting Server Roadmap

CMS 3.8

- Ability to take survey
- Directed chat during meeting
- Czech language support
- Screen sharing improvements
- Restrict meeting view for Video Operators

CMS 3.9 Q1CY24

- AV1 Codec support for screen sharing (*Beta*)
- Multi-cluster support for CMS-Jabber presence update
- Web app connection resiliency
- User search improvements
- Ability to chose Audio output device

CMS Backlog

- Meeting layout redesign (consistent with Webex)
- CMS TURN Enhancements
- Audio Avatars in web app
- Background Noise Removal
- Enhancing web app experience
- TLS 1.3 Support
- Support for Esxi 8.0
- Advanced controls for Video Operators in CMM
- and more...

CMS web app media improvements

With CMS 3.9 release (to be released), web app users can experience enhance quality for content shared with **AV1 Codec** (Support available for only Google Chrome)

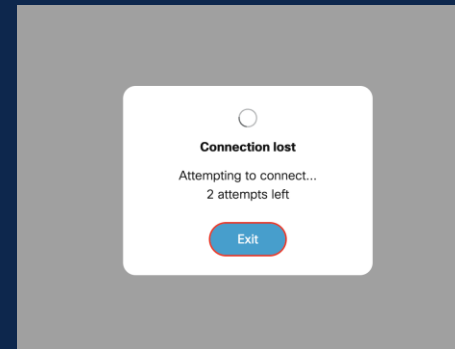
Also, web app offers ability to do **reconnections** incase participants drop off due to choppy network or network issues

Content Share	
Jitter	-
Packet Loss	0 %
Codec Negotiated	AV1
Resolution	1738p
Frames per second	28

Sending AV1

Content Share		
Jitter	-	64 ms
Packet Loss	0 %	0 %
Codec Negotiated	-	AV1
Resolution	-	720p
Frames per second	-	4

Receiving AV1



Reconnections in case of network issues

Planning a collaboration strategy for the future



Stay on-premises with UCM 15



Connect to the cloud



Move to the cloud

Others Related Sessions of interest

Helping Webex Customers on their Path to Sovereignty – Introducing Sovereign Controls	PSOCOL-1743	8 th Feb 10:10
Embrace the next era of hybrid work with Cisco cloud calling	PSOCOL-1674	7 th Feb 12:10
Enabling Site Survivability for Webex calling	BRKCOL-2993	8 th Feb 10:30
What's in a Platform? A Peek Inside the Webex Cloud infrastructure	BRKCOL-2990	7 th Feb 10:45
Deploying the Webex App to your Organisation	BRKCOL-2198	8 th Feb 10:00
Cisco Video Endpoints Update	BRKCOL-2390	8 th Feb 12:15
CUBE v14 Updates	BRKCOL-2314	8 th Feb 1:45
Expressway Security & Hardening Recommendations for Hybrid Work Scenarios	BRKCOL-3301	9 th Feb 9:00

References – Release 15 / Platform

For Your
Reference

- Unified CM 15 Beta: <https://gobeta.webex.com/key/cucm>
- Partner webinar 'Cisco UCM 15 Update – Get Current or Go Cloud Now': <http://cs.co/cvoe>
- Unified CM Release EoL mailers: ask-ucm-release-eol@cisco.com or ask-ucm-release-eol-partner@cisco.com
- Data Center Migration for Push REST Service: <https://www.cisco.com/c/en/us/products/collateral/unified-communications/unified-communications-manager-callmanager/uni-cm-im-presence-service-bulletin.html>
- Phone Deprecation Release 14: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/trouble/14_0_1/fieldNotices/cucm_b_deprecated_phones-14.html
- Quote Collab Tool: <http://www.cisco.com/go/quotecollab>
- Unified Communications Manager Support Docs <https://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/series.html>

References – Release 15 / CUCM

Documentation Guide

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/docguide/15/cucm_b_documentation-guide-cucm-imp-release-15.html

Includes: Release Guides, Install & Upgrade Guides, Design Guides, Config Guides, Programming Guides, Maintain & Operate Guides, User Guide

Release Notes

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/rel_notes/15/cucm_b_release-notes-for-cucm-imp-15.html

Virtualisation Guide

https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/virtualization-cisco-unified-communications-manager.html

References – Release 15 / PCD

- Administration Guide

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/pcdadmin/15/cucm_b_pcd-admin-guide-15.html

- Release Notes

https://www.cisco.com/content/en/us/td/docs/voice_ip_comm/cucm/pcdadmin/15/cucm_b_pcd-rns_15.html

References – Release 15 / CER

- Release Notes

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cer/15/english/release_notes/guide/cer0_b_cisco-emergency-responder-release-notes-15.html

- CLI Guide

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cer/15/english/cli/guide/cer0_b_cisco-emergency-responder-cli-guide-15.html

- Administration Guide

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cer/15/english/administration/guide/cer0_b_cisco-emergency-responder-administration-guide-15.html

- Cisco Emergency Responder Onsite Security Guide

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cer/15/english/onsite_security_user/guide/cer0_b_cisco-emergency-responder-onsite-security-guide-15.html

- Cisco Emergency Responder Off-Premise Location Management User Guide

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cer/15/english/off-premises_user/guide/cer0_b_cisco-emergency-responder-off-premise-guide-15.html

References – Release 15 / CUC

- Documentation Guide for Cisco Unity Connection Release 15

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/connection/15/roadmap/b_15cucdg.html

- Release Notes for Cisco Unity Connection Release 15

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/connection/15/release/notes/b_release_notes_1501.html

- Locales for Cisco Unity Connection

<https://software.cisco.com/download/home/282421576/type/282074314/release/15>

References - Expressway

For Your
Reference

- Expressway X14.3 Release Notes:
https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/release_note/X14-3-x/Cisco-Expressway-and-Cisco-Expressway-Select-Release-Note-X14-3-x.pdf
- Expressway CE1300 Appliance Install Guide:
https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/expressway/install_guide/X14-3-1/CE1300/exwy_b_cisco-expressway-ce1300-appliance-installation-guide-x1431.html
- Expressway Support Docs: <https://www.cisco.com/content/en/us/support/unified-communications/expressway-series/series.html#~tab-documents>

References – CUBE (1 of 2)

- CUBE Interop Portal: <http://www.cisco.com/go/interoperability>
- Zoom Phone with CUBE: <https://assets.zoom.us/docs/zoom-phone/Zoom-Phone-Config-Guide-Cisco-UBE-ISR4331.pdf>
- Amazon Chime with CUBE: [https://d1.awsstatic.com/Products/product-name/Chime/Amazon Chime Voice Connector SIP Trunking Configuration with Cisco UCM and Cisco UBE v2.1.pdf](https://d1.awsstatic.com/Products/product-name/Chime/Amazon%20Chime%20Voice%20Connector%20SIP%20Trunking%20Configuration%20with%20Cisco%20UCM%20and%20Cisco%20UBE%20v2.1.pdf)
- Management Connector Deployment Script:
https://binaries.webex.com/ManagedGatewayScriptProdStable/gateway_onboarding.tcl
- [CUBE Performance and Sizing](#)
- [Cisco Unified Border Element Configuration Guide Through Cisco IOS XE 17.5](#)
- [CUBE Config Guide – IOS-XE 17.6 Onwards](#)

References – CUBE (2 of 2)

- [CUBE Roadmap](#)
- [IOS-UC Sharepoint](#)
- CUBE Support
CUBE partner/customer questions: ask-cube@external.cisco.com

For Your
Reference

References – Cisco Meeting Server

For Your
Reference

- Cisco Meeting Server Support Docs: <https://www.cisco.com/content/en/us/support/conferencing/meeting-server/tsd-products-support-series-home.html>

References - Jabber

For Your
Reference

- Collaboration Transitions: <https://www.cisco.com/go/ct>
- Jabber Support Docs: <https://www.cisco.com/content/en/us/support/unified-communications/jabber/series.html#~tab=documents>

References – Devices

- 8875 Tutorial: <http://cs.co/8875Tutorial>
- Wireless Technical overviews: <http://cs.co/wireless-phone-overview> and <http://cs.co/wireless-phone-overview2>
- Wireless LAN Deployment Guide: <http://cs.co/webex-wireless-dg>
- Mobility Management: <http://cs.co/emma-demo> | <https://configure.cisco.com/> (Tool)
- MDM Tutorials – MS Intune: <https://youtu.be/i5NcAGJI3e4>
- MDM Tutorials – VMWare Workspace One (AirWatch): <https://youtu.be/23jC15zInlc>
- MDM Tutorials – Meraki SM: <https://youtu.be/ysmW6bcOjT0&t=863s>
- 6800 DECT: <https://youtu.be/75018CuYzKc>



The bridge to possible

Thank you

CISCO *Live!*

A vibrant, multi-colored background featuring a central bright white light source that radiates outwards in a fan-like pattern. The colors transition from yellow and orange on the left to blue and green on the right. The overall effect is energetic and dynamic.

CISCO *Live!*

Let's go

Live!