

TechClub Collaboration

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Agenda

- Video device portfolio
 - Room Bar Pro, Room Kit EQ, Mic array, audio over IP
 - Wireless sharing: Miracast, AirPlay
 - Interoperability: join any meeting, USB passthrough, USB touch screen, Microsoft Teams Rooms (MTR)
 - Analytics: ThousandEyes agent, Environment sensors
 - Intelligence: Cinematic meetings, Meeting zones
- Webex Connect

Cisco Room Kit series

Cisco Room Kit series

A portfolio of purpose-built video bars and collaboration kits powering modern workspaces

Room USB



BYOD, plug-and-play video bar optimized for small huddle and meeting rooms

Room Bar



Codec-powered, intelligent video bar optimized for small-to-medium meeting rooms

Room Bar Pro



Powerful video bar best suited for mid-sized meeting spaces

Room Kit EQ



Most Powerful codec to date, 4x more processing and memory, AI-Driven to offer the most intelligent meeting features and enhance Equity in spaces

Room Kit Pro



Ultimate collaboration kit optimized for large meeting rooms, custom AV deployments and auditoriums

Raising the bar for hybrid workspaces

	Room Bars			Room Kits	
			NEW 	NEW 	
	Room USB	Room Bar	Room Bar Pro	Room Kit EQ	Room Kit Pro
CAMERA	Single-lens, 8MP, 120° HFOV	Single-lens, 12MP, 120° HFOV	Dual-lens, 96MP, 112° & 70° HFOV	Quad-lens, 80MP, 83° HFOV & 3x 50° HFOV	Quad-lens, 80MP, 83° HFOV & 3x 50° HFOV
AUDIO	Mono speaker; internal mic array	Spatial sound; internal mics + mic extension	Spatial sound; built-in mics; audio over IP, USB & analog	Mono speakers; audio over IP, USB & analog	Mono speakers; analog, USB & IP connectivity
SCREEN	Single-screen support	Dual, with touch-screen support	Triple, with touch-screen support	Triple	Triple
CONTROLS	With basic remote controller	Touch controls with Room Navigator	Touch controls with Room Navigator	Touch controls with Room Navigator	Touch controls with Room Navigator
I/O	Basic (HDMI, USB-A/C, PoE)	Extended with analogue, USB-A/C, HDMI, PoE	Extended with analogue, USB-A/C, HDMI, PoE	Advanced with analogue, USB-A/C, HDMI, PoE	Advanced with analogue, USB-A, SDI, HDMI, PoE
ROOM	Huddle, small meeting room	Huddle, small meeting room	Medium	Large	Extra large, specialist AV integration
INTEROP	BYOD for laptop-based meetings	Native RoomOS and Microsoft Teams	Native RoomOS and Microsoft Teams	Native RoomOS and Microsoft Teams	Native RoomOS and Microsoft Teams
FORM FACTOR	Integrated USB video bar	Integrated video bar appliance	Integrated video bar appliance	Modular room kit appliance	Modular room kit appliance

The perfect blend of flexibility and meeting intelligence



Cisco Room Bar

Integrated video bar appliance designed simple, flexible and cost-effective video-enablement of **small** workspaces



NEW

Cisco Room Bar Pro

Bringing together the best of both worlds with easy-to-deploy, AI-powered meetings scaled to the **medium** workspace



Cisco Room Kit EQ

Advanced meeting room intelligence, multi-camera cinematic meetings, rich connectivity for **large** workspaces

User experience powered by RoomOS

Scalable management in Control Hub

Give the best view of everyone around the table

New camera system combined with software AI keeps everyone picture-perfect

Dual camera lenses work seamlessly together to compose into a single stream for the best framing



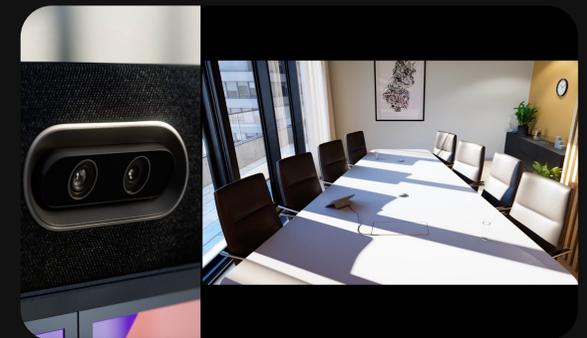
Virtual lens extends the camera reach to capture the far-end of the table with the same high quality



Enhanced Frames view equitably crops more people in the room at a longer distance



Wider field of view and motorized tilt help to capture everyone, always from the best angle

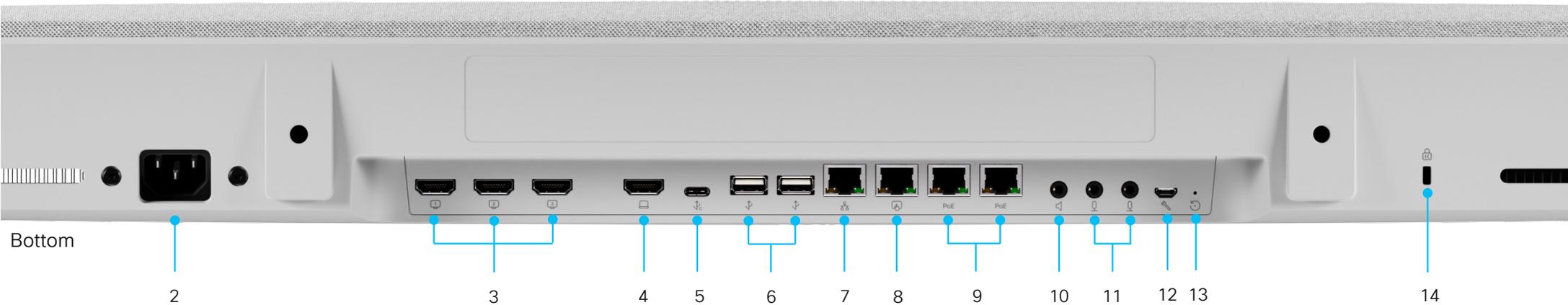


Top



Cisco Room Bar Pro

Inputs and outputs



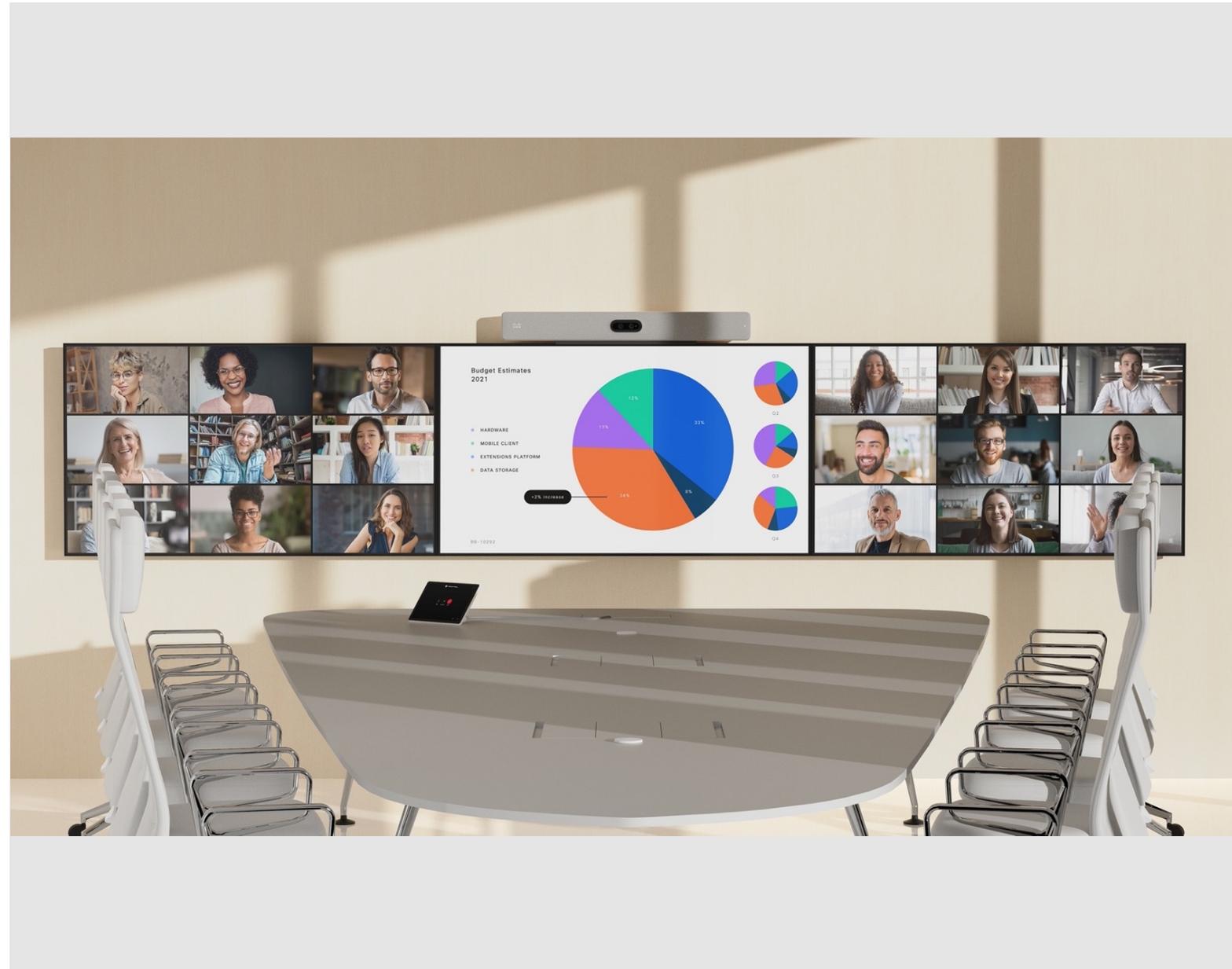
Bottom

1 - Power switch	6 - USB-A	11 - Analog line in for mic input
2 - Power	7 - Network	12 - Maintenance (micro USB)
3 - HDMI out: Screen 1, 2, and 3 (No audio)	8 - Network PoE - Touch controller	13 - Factory reset pinhole
4 - HDMI in (Audio in)	9 - Network PoE - Local peripherals	14 - Kensington lock
5 - USB-C: USB-passthrough and content sharing	10 - Analog line output	

Triple- screen support

Augmented
experience with the
option to display live
video or video and
content divided on
three screens.

Triple-screen support
requires Room OS.



Camera specifications

- Dual camera system, both with 48 MP image sensors
- Motorized tilt (between -2° and 20°)
- 30 frames per second
- 1/1.3" Quad Bayer
- 5x digital zoom
- Wide-lens:
 - 112° HFOV, VFOV: 94°
 - f/2.8 fixed on wide-lens
 - Fixed focus
- Tele-lens:
 - HFOV: 70° VFOV: 55°
 - f/1.85 fixed
 - Auto focus (VCM)
- Auto brightness and white balance
- Automatic rotation of the image when the video bar unit is mounted upside down
- Auto framing (face detect), Speaker tracking, manual camera adjustments

webex



Motorized camera tilt

The dual camera housing has a motorized tilt.

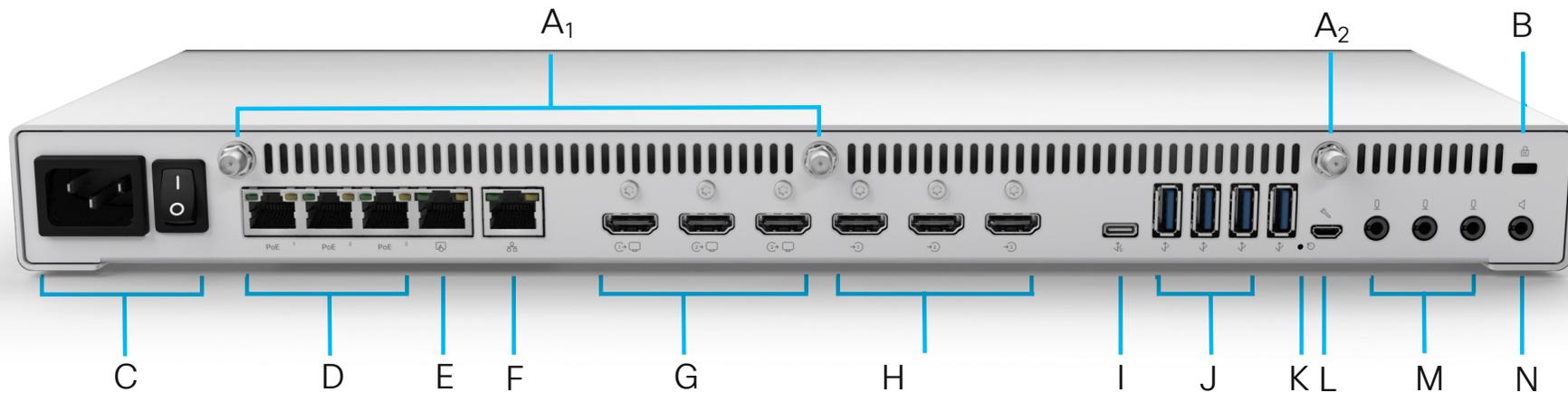
The camera can be tilted in the “welcome wizard” during the installation process to find the optimal camera angle for different room sizes.

The tilt allows for an adjustment between -2° to 20° along the horizontal axis.



Cisco Codec EQ

Overview inputs and outputs



A – Antenna connector (2x Wifi (A₁) and 1x Bluetooth (A₂))

B – Kensington security lock

C – Power plug and switch (100-240Vac, 50-60Hz)

D – 3x network (LLN* PoE++)

E – 1x network (LLN* PoE++) – Navigator touch panel

F – 1x network (LAN)

G – 3x HDMI out w/ audio and video, 4Kp60

H – 3x HDMI in w/ audio and video, 4Kp30

I – USB 3.2 Gen2, type C

J – 4x USB 3.0, type A

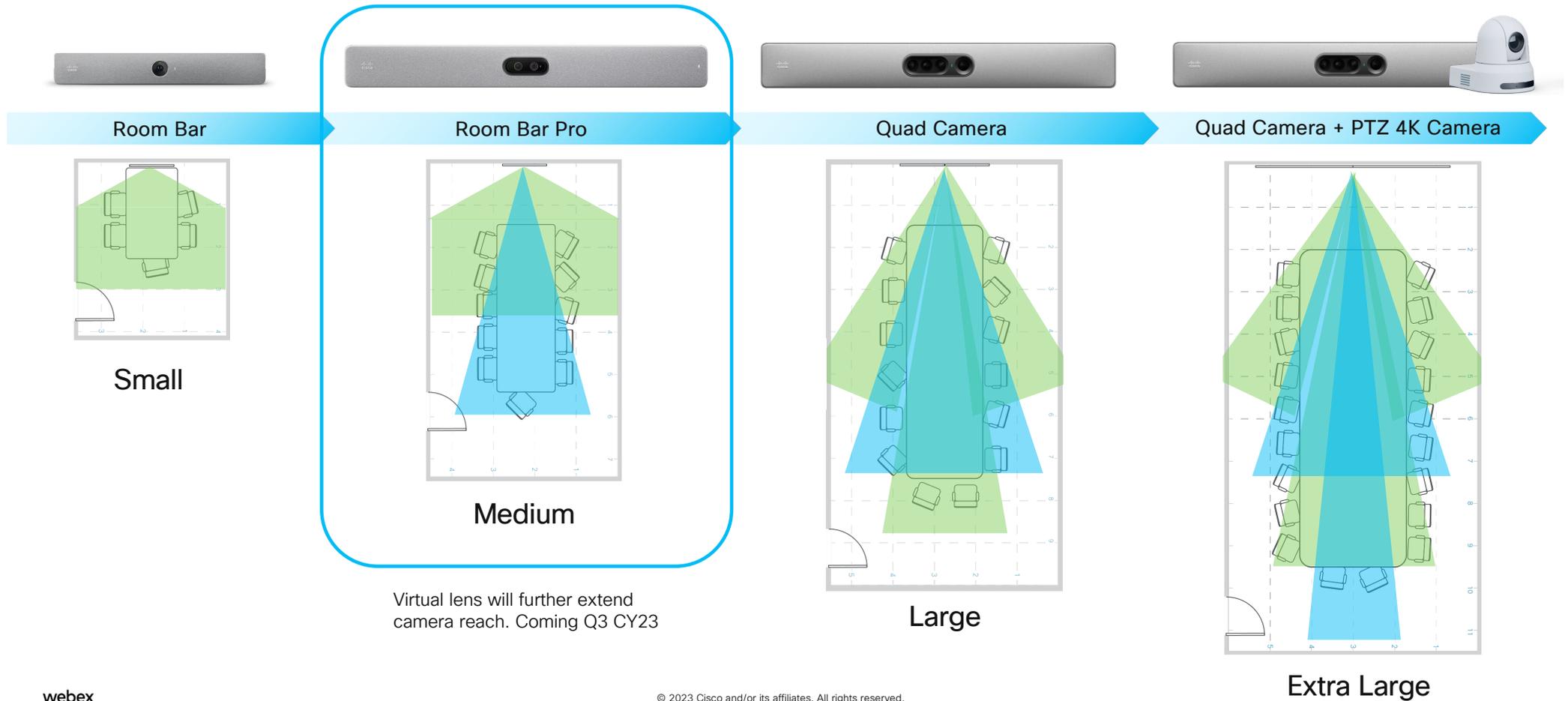
K – Factory reset, pinhole

L – Maintenance (micro USB)

M – 3x 4-Pole Microphone Inputs

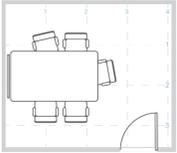
N – 1x 3-Pole Audio line output

Unrivalled inclusive meetings for any workspace



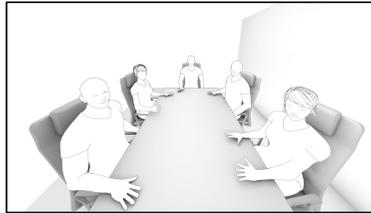
Select the right device to get the video experience optimal

1080p

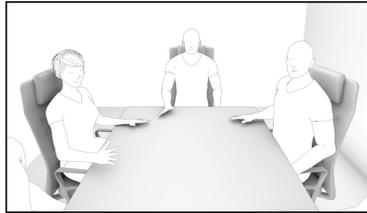


Small Meeting Rooms

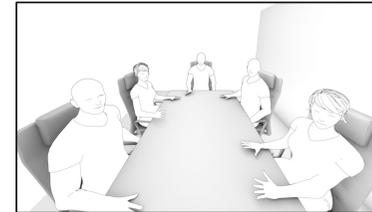
Typical 3.5m x 4.5m / 11' x 14'



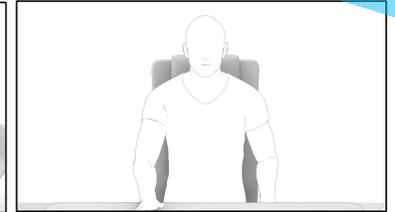
Wide - 120° HFOV



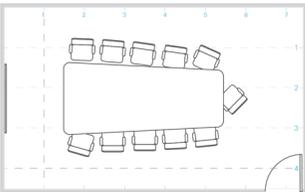
Cisco Room Bar
Focus - 120° HFOV, 2.4x zoom



Wide - 112° HFOV

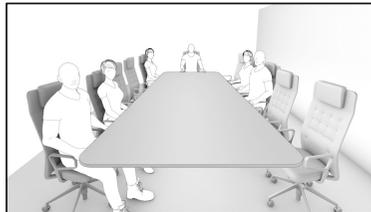


Cisco Room Bar Pro
Focus - 70° HFOV, 2.33x zoom

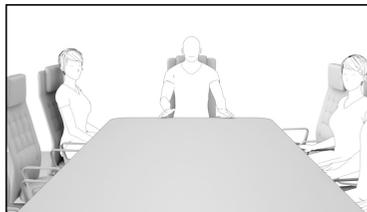


Medium Meeting Rooms

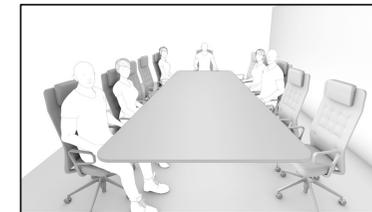
Typical 4.5m x 7.5m / 14' x 25'



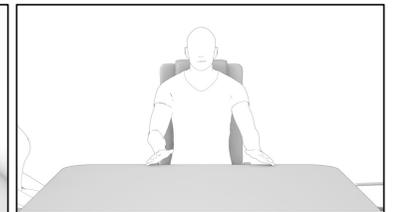
Wide - 112° HFOV, 1.7x zoom



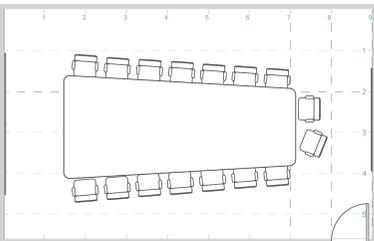
Cisco Room Bar Pro
Focus - 70° HFOV, 2.33x zoom



Wide - 83° HFOV

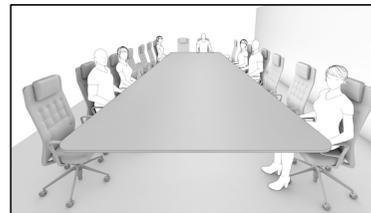


Cisco Room Kit EQ/Pro w/ Quad Cam
Focus - 50° HFOV, 2.625x zoom

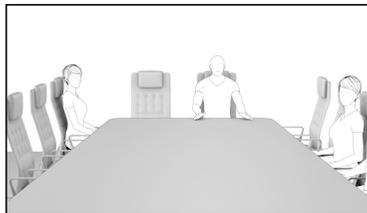


Large Meeting Rooms

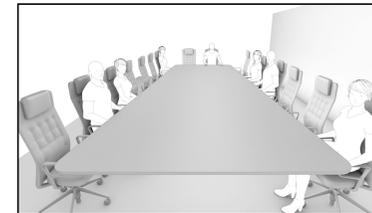
Typical 5.5m x 10m / 18' x 33'



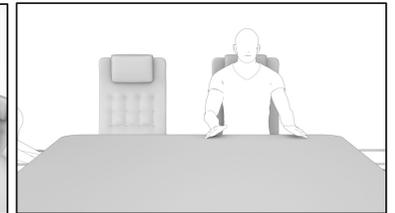
Wide - 112° HFOV, 1.5x zoom



Cisco Room Bar Pro
Focus - 70° HFOV, 2.33x zoom



Wide - 83° HFOV



Cisco Room Kit EQ/Pro w/ Quad Cam
Focus - 50° HFOV, 2.625x zoom

Codec Plus Plus & Codec EQ Comparison

Feature	Codec Plus	Codec EQ
Workspace	Large rooms < 14 people	Large rooms < 14 people
Camera options	Quadcam, PTZ4K, P60, SPK60	Quadcam, PTZ4K, P60, SPK60
Video outputs	2x HDMI	3x HDMI
Video inputs	3x HDMI	3x HDMI, 1x USB-C
Microphones	3x analogue 1x USB	3x analogue 1x USB 3x AVoIP Expandable to 8x AVoIP Microphones*
Speakers	Mono loudspeaker system in Quad Camera 1x audio out for external speaker 1x USB 2x HDMI	Mono loudspeaker system in Quad Camera 1x audio out for external speaker 1x USB 3x HDMI
Wireless sharing	Yes	Yes
USB passthrough	No native support	Yes, single USB-C cable
Audio Console	No	Yes*
Device Customization	Yes	Yes
Touch controller	Touch 10 and Room Navigator	Room Navigator

Codec EQ & Codec Pro Comparison

Feature	Codec EQ	Codec Pro
Workspace	Large rooms < 14 people	Large rooms < 14 people
Camera options	Quadcam, PTZ4K, P60, SPK60	Quadcam, PTZ4K, P60, SPK60
Video outputs	3x HDMI	3x HDMI
Video inputs	3x HDMI, 1x USB-C	5x HDMI, 1x 3G-SDI/HD-SDI
Microphones	3x analogue 1x USB 3x AVoIP Expandable to 8x AVoIP Microphones*	8x analogue 1x USB 4x AVoIP
Speakers	Mono loudspeaker system in Quad Camera 1x audio out for external speaker 1x USB 3x HDM	Mono loudspeaker system in Quad Camera 6x audio out for external speaker 1x USB 3x HDMI
Wireless sharing	Yes	Yes
USB passthrough	Yes, single USB-C cable	No native support
Audio Console	Yes*	Yes
Device Customization	Yes	Yes
Touch controller	Room Navigator	Touch 10, Room Navigator

Join Any Meeting

Microsoft Teams Rooms

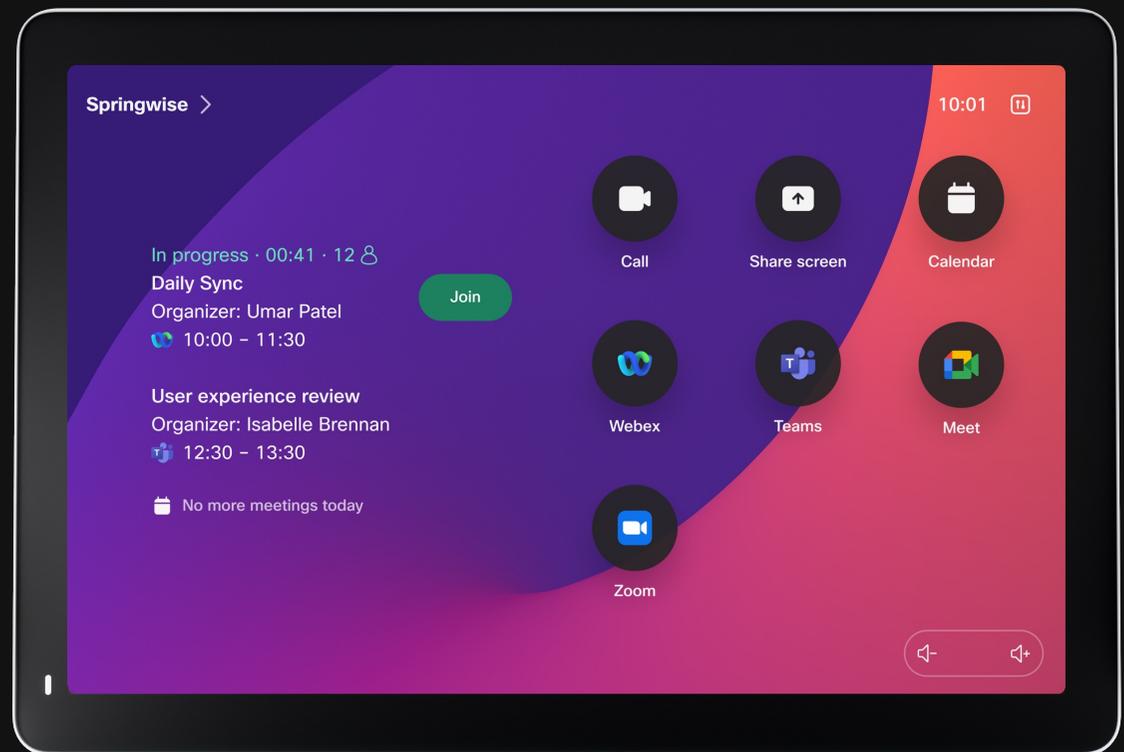
Designed for multi-platform video collaboration

BYOD support
with USB
passthrough

SIP interop with
zoom for rich
meetings
experience

Webex Video
Interop for
Microsoft Teams
or via direct
guest join

Webex Google
Meet video
interop via
WebRTC



Set up your native Microsoft Teams Room

Powered by RoomOS, you can also run your device as a native Microsoft Teams Rooms system

Leverage device intelligence features, including frames camera intelligence and noise removal, and join full-featured Webex meetings in MTR mode.



Cisco devices for Microsoft Teams

A complete suite of **certified** video endpoints

Microsoft Teams Rooms



Board Pro

Certified for
Microsoft Teams



Room Bar

Certified for
Microsoft Teams



Desk Pro

Certified for
Microsoft Teams



Room Bar Pro

Available from
July 2023



Room Kit EQ

Available from
June 2023



Room Kit Pro

Available from
June 2023

Teams Display



Desk Pro

Available from
Q3 2023

Teams Panel



Room
Navigator

Available from
Q3 2023

Enjoy fully-featured Webex meetings

With Control Hub registration, users can join native Webex meetings from the Microsoft Teams Rooms calendar view without reconfiguration needed from IT.

Enjoy Webex Meetings:

- Flexible layouts
- People Focus
- Breakouts
- Whiteboarding*
- Webinars
- Polling*
- Assistant
- Embedded apps*

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* Requires touch display

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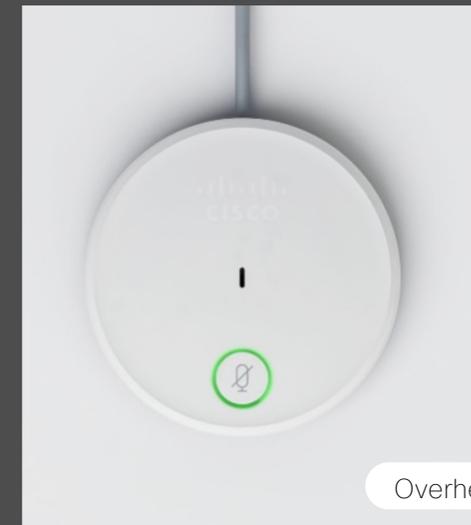


Microphones Navigator

Cisco Table Microphone

- Designed for tables and desks
- Omnidirectional wideband
- Mute/unmute button with green/red LED ring
- No configuration required
- Optional 9 meters extension cable available
- Magnetic underside
- 3.5 mm mini-jack supported on Codec EQ

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Overhead View

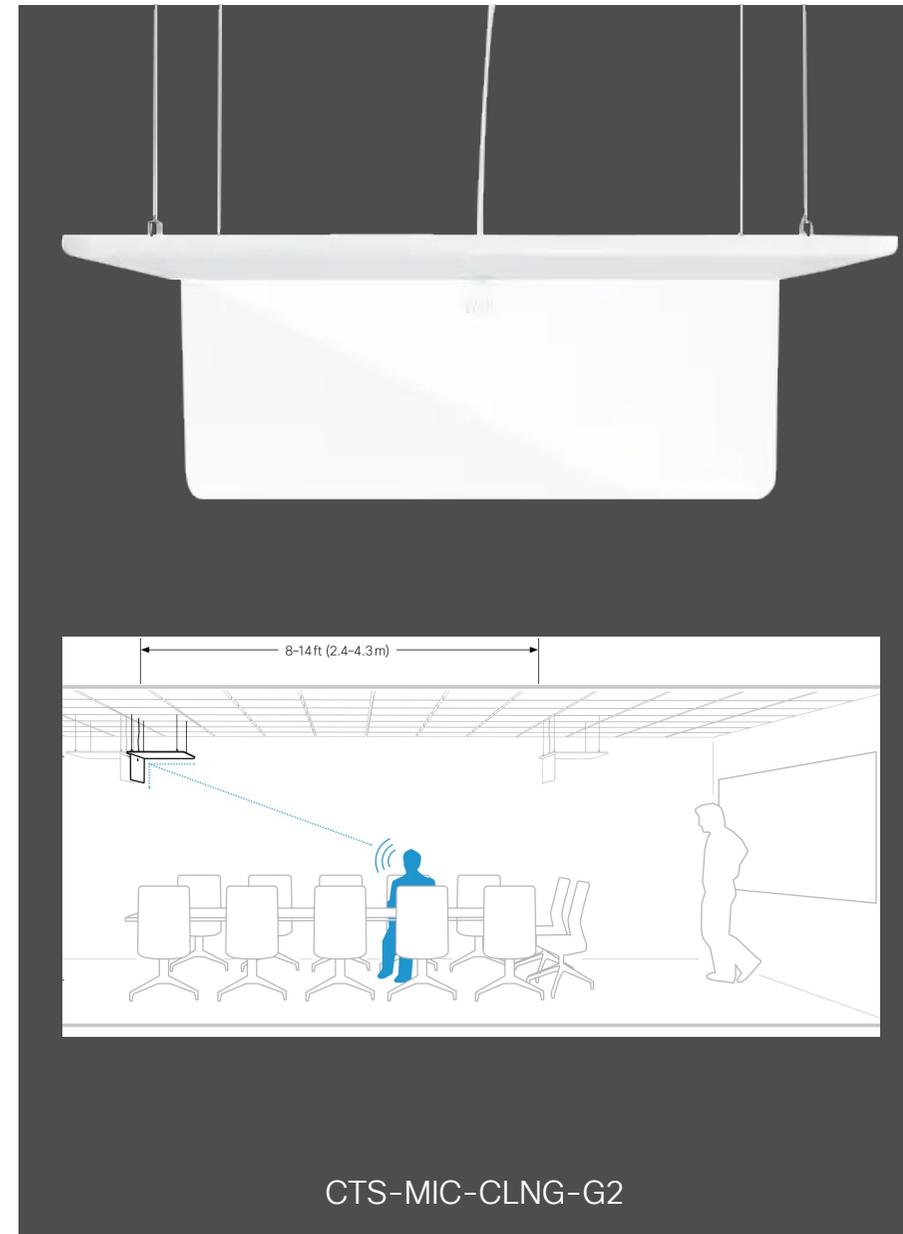


Bottom View

CS-MIC-TABLE-J

Cisco Ceiling Microphone

- Designed for Ceilings
- Balanced Directional Microphone
- 180° Pickup Pattern
- Effective Pickup Range: 2.4-4.3 meters
- Mute Status LED
- No configuration required
- 3.5 mm mini-jack supported on Codec EQ

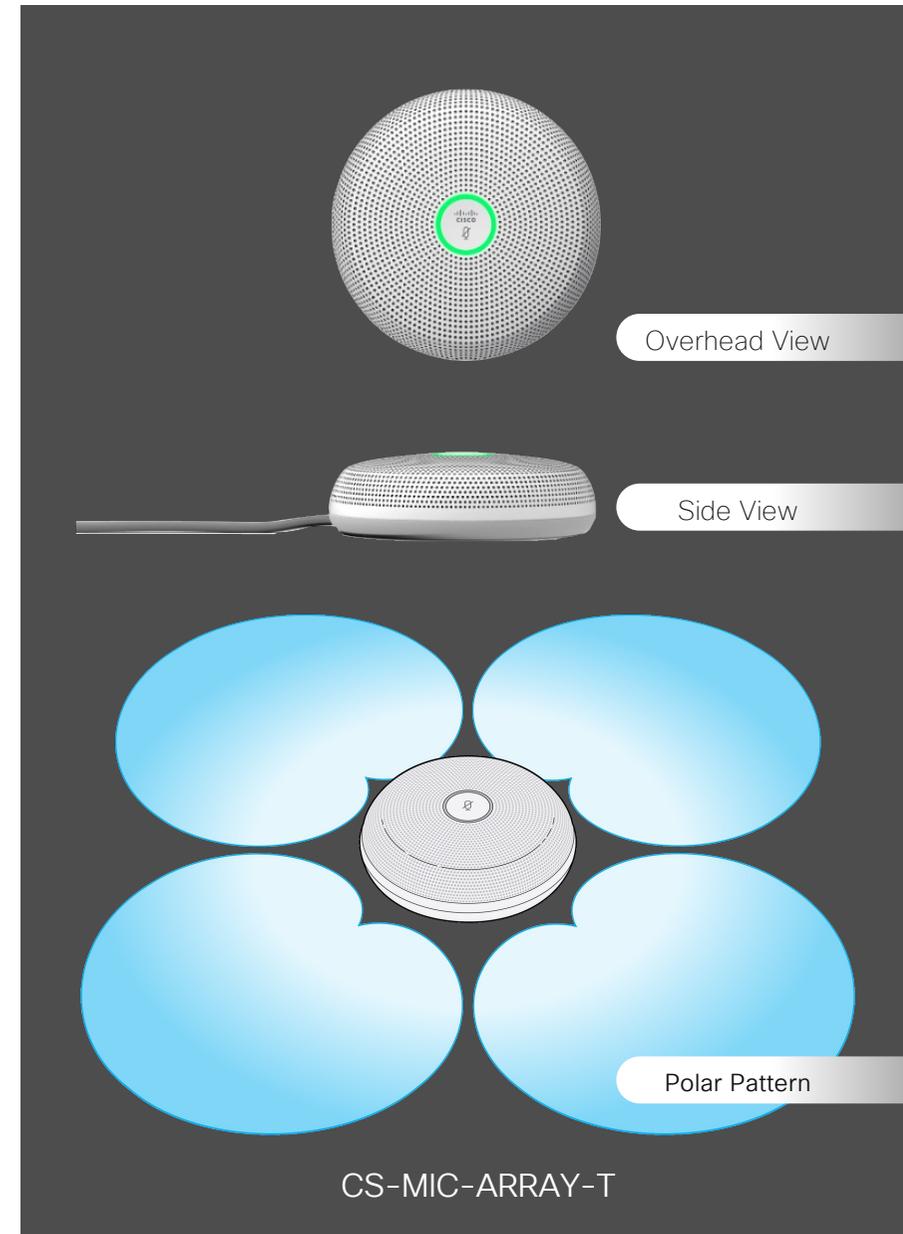


Cisco Table Microphone Pro

- 4 Directional Digital Microphone Elements
- RJ45 Connection at Codec
- Standard SRTP Encrypted Communication back to the Codec
- 3x Supported by Codec EQ
 - Can be expanded to 8x with AV Integrators Option Key
- Capacitive Mute Button
- LED Mute Status
- Recommended Pickup Range: 1.5m
- Recommended Placement: Between Speakers
- Monitored by Control Hub

webex

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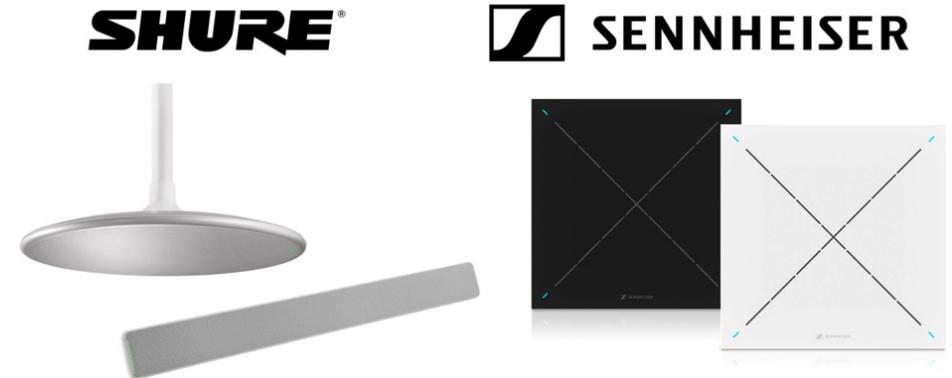


Audio over IP – AES67 Interop

Connect third party microphones into the codec without the need of a DSP.

Available on the Codec Pro, Codec EQ and Room Bar Pro. On the codec pro you will be able to connect up to four AES67 peripherals, on the codec EQ and Room Bar Pro you will be able to connect up to eight.

For the Codec EQ and Room Bar Pro, the AV Integrator License is needed.



Cisco Room Navigator

- 3 Operational Modes
 - Controller: Pairs to a Room or Board Series endpoint for full room control
 - Booking: With Hybrid Cloud, the Navigator can serve as your external booking panel, with adhoc booking
 - Persistent Web App(PWA): Setup the Navigator permanently pointed towards a web application, such as external booking services like Appspace, Uma and SharingCloud
- POE Powered
- Provides Analytics Collection
- Flip Detection
- Wall Version
 - LED Bar for Presence Status
 - Wall and Glass Mounting Options

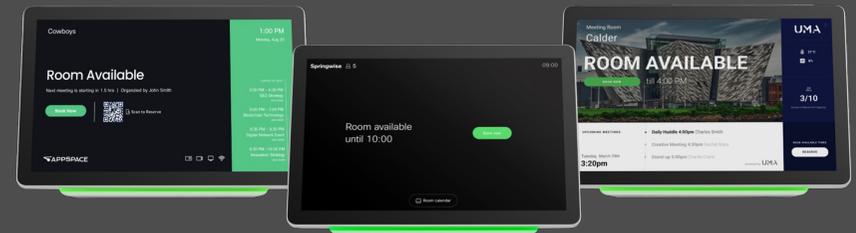
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Table Navigator

CS-T10-TS-G-K9



Wall Navigator

CS-T10-WM-G-K9

Software Features

Cinematic Meetings*: Meeting Zone

Enable efficient, distraction-free meetings in open spaces and glass-walled meeting rooms by only framing and tracking people in the meeting. Manually set boundaries or leverage the intelligence in the device to automatically learn and frame the space.

Available on all Board and Room Series
Devices.

August 2023
Webex for Government [FedRAMP] supported

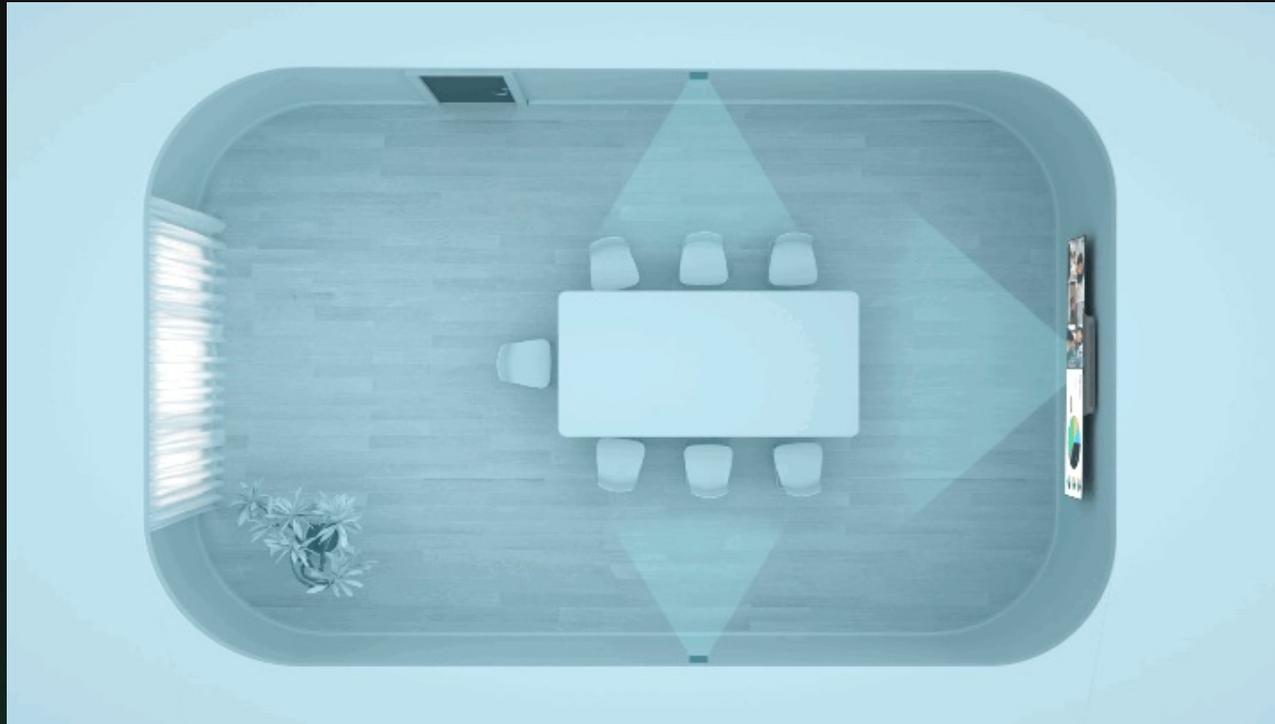


*Cinematic Meetings creates the best and most inclusive meeting possible through a combination of all our AI camera and audio features.

COMING SOON

Cinematic meetings

Directed by AI-powered RoomOS, get the best view of any meeting at any moment.



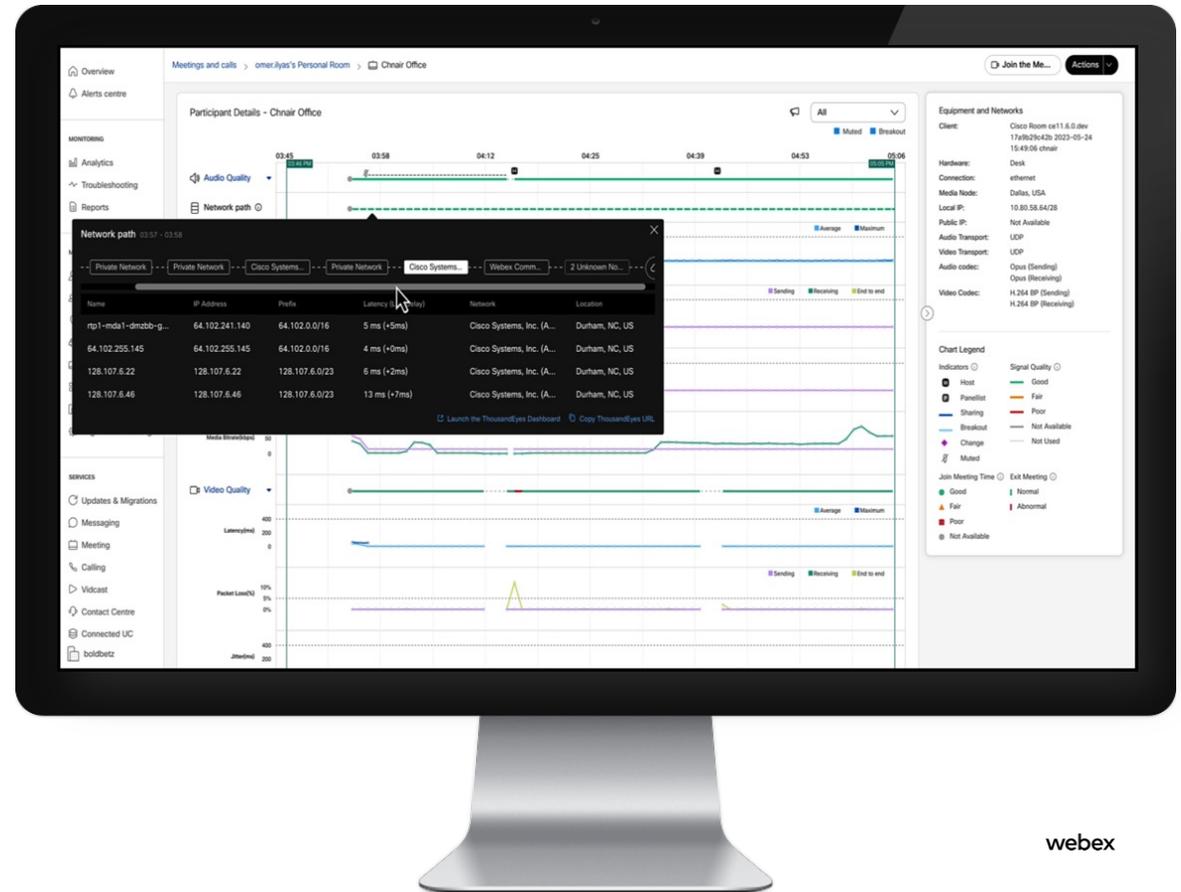
RoomOS and ThousandEyes integration

ThousandEyes agent natively integrated with RoomOS devices

Hop by hop network path visibility for active troubleshooting of meetings to pinpoint issues in real time

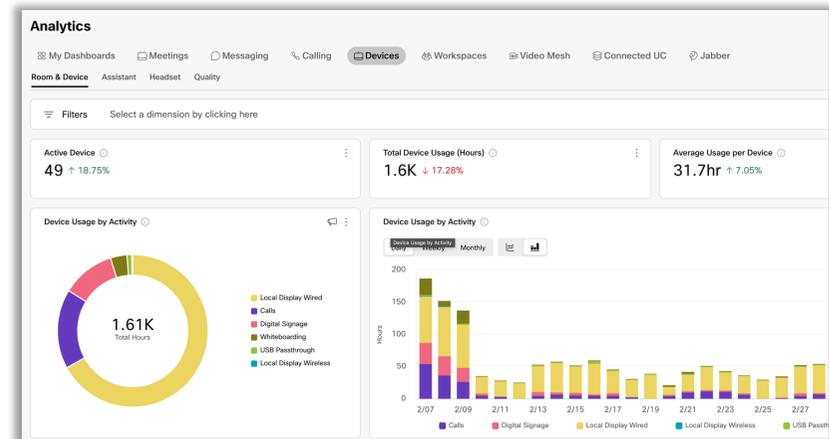
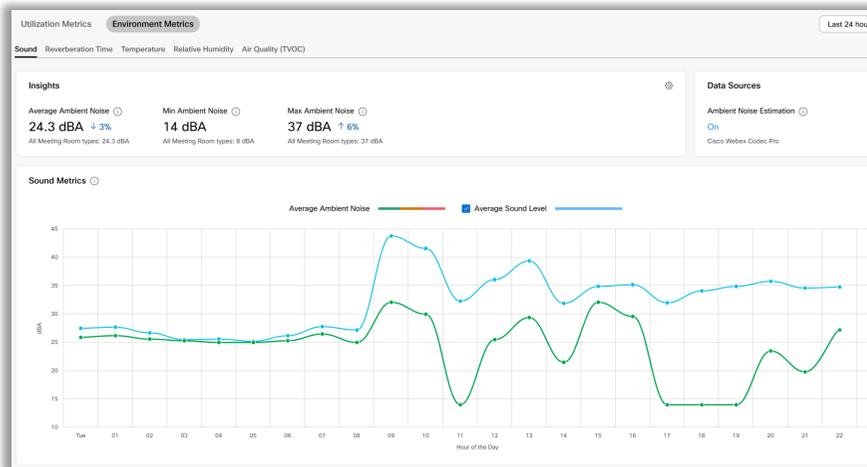
A unique value that leverages multiple Cisco on Cisco tools and our devices that no other vendor would be able to match

Supported on all Room, Board and Desk devices except SX/MX/DX



Sensor information in Control Hub

The screenshot shows the 'webex Control Hub' interface for a workspace named 'Springwise'. The left sidebar contains navigation options like Overview, Alerts centre, and Management. The main content area shows workspace details including 'Devices' (Cisco Room EQ, Cisco Webex Room Navigator), 'Ceiling' settings, and 'Scheduling'. A green box highlights two sections: 'Real-Time Utilisation Metrics' (showing 2 occupied devices) and 'Real-Time Environmental Metrics' (showing sound level at 31 dBA, ambient noise at 30 dBA, temperature at 22/71 °C/F, relative humidity at 37%, and air quality at 1.0). A green line points from the title to the environmental metrics section.



Third party touch screen support

Turn meeting rooms into immersive ideation spaces by easily connecting your interactive touch display to Cisco video devices. Now you can add digital whiteboarding and interaction into your collaboration experience.

Generic support expected across interactive displays with USB-C. Phase 1 only support single screen setups and tested with Dell and Samsung displays. Additional displays can be tested in the future.



Supported on Room Bar, Room Bar Pro and Room Kit EQ in RoomOS and MTR mode (as devices are certified)

Chat Notifications on Devices for all Webex meetings

Get parity for all Webex app meetings on devices so that chat notifications show there too

Rich text capabilities like emojis, mentions, quotes and more with the new in-meeting chat experience of the Webex app

Requirements: RoomOS11,
Cloud/Cloud Aware with Webex
Optimised



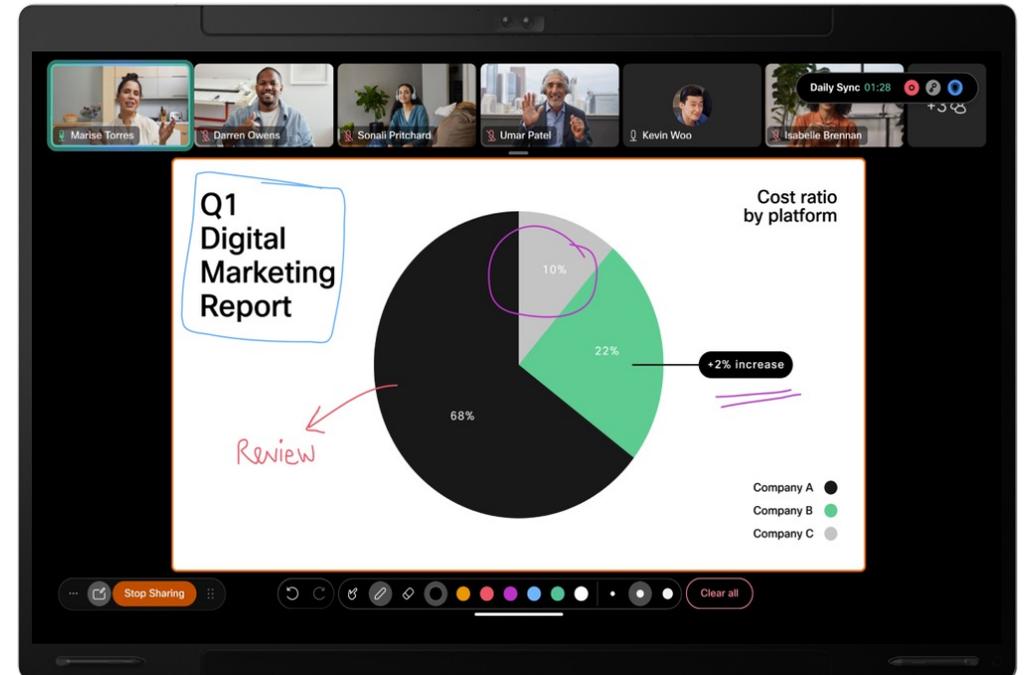
Pointing and annotation on live content share

Interact with shared content directly from your Webex Board and Desk series devices **without disrupting the flow** of the presentation

Ideal for presenters standing in front of a Board as well as remote attendees that would like to ask questions or provide feedback

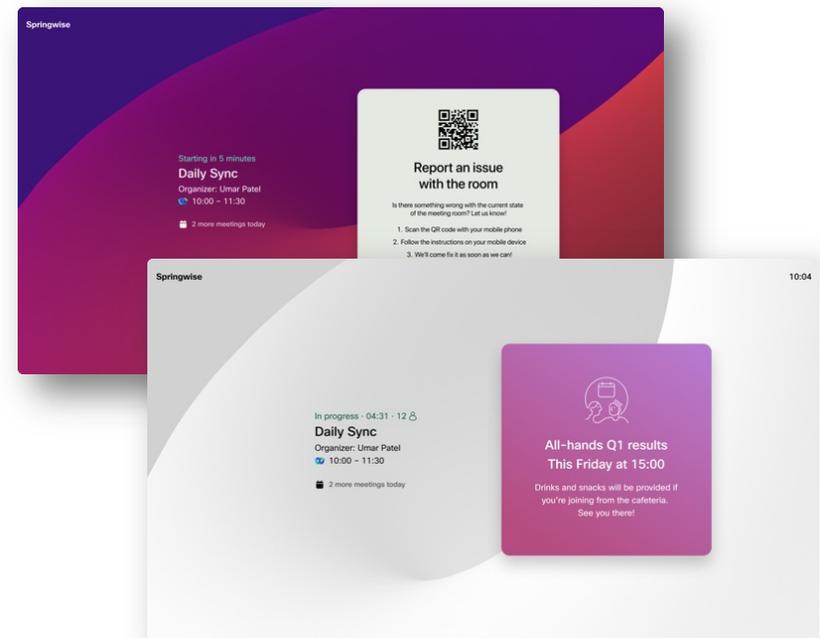
The current snapshot-based annotation will be kept as is, so this is an additional capability that aimed to make any content share more engaging

Available on the Webex App since June



Homescreen Web Widget

- Maximize the value of your RoomOS homescreen
- The Homescreen Widget makes it possible to place any web content on the homescreen of the RoomOS device
- **Provide a URL to the device via API or local Web interface** and see your custom content show up on the homescreen
- Use it for branding, corporate messaging or custom workflows



Introduction to Miracast® content sharing

Cisco video devices

Miracast provides a wireless content sharing solution without the need for a client as it is integrated into Windows 8.1 and above.

Miracast uses Wi-Fi Direct to establish a dedicated direct wireless network connection to transfer a video stream from the Miracast device, such as a Windows PC/Android based device to the Cisco video device.



Miracast®



Introduction to AirPlay content sharing

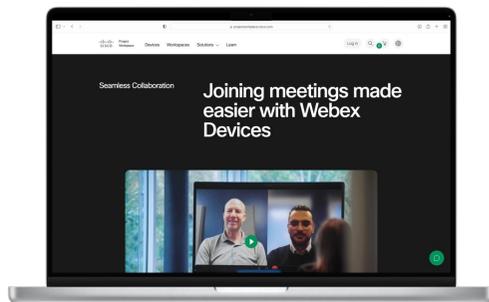
Cisco devices

AirPlay allows the sharing of content from an AirPlay device to a Cisco device with quality and integrity.

AirPlay devices would include:

- iPhone
- iPad
- Mac

Latest iOS/iPadOS/macOS is always recommended.



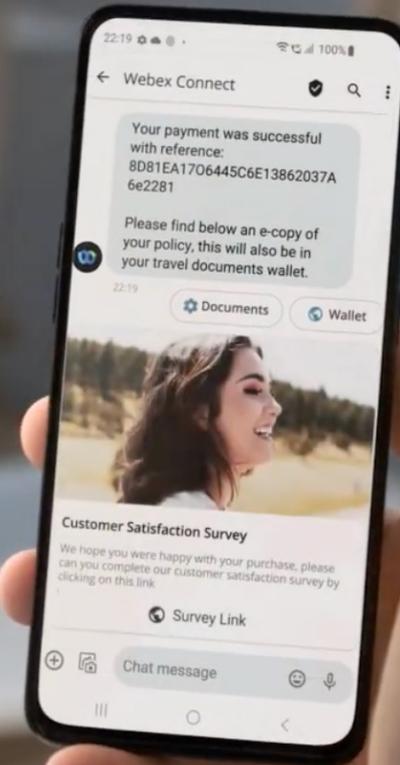
Collaboration security built-in

When using Webex, meetings are secured via end-to-end encryption and other robust security features.



Webex Communication Platform as a Service (CPaaS)

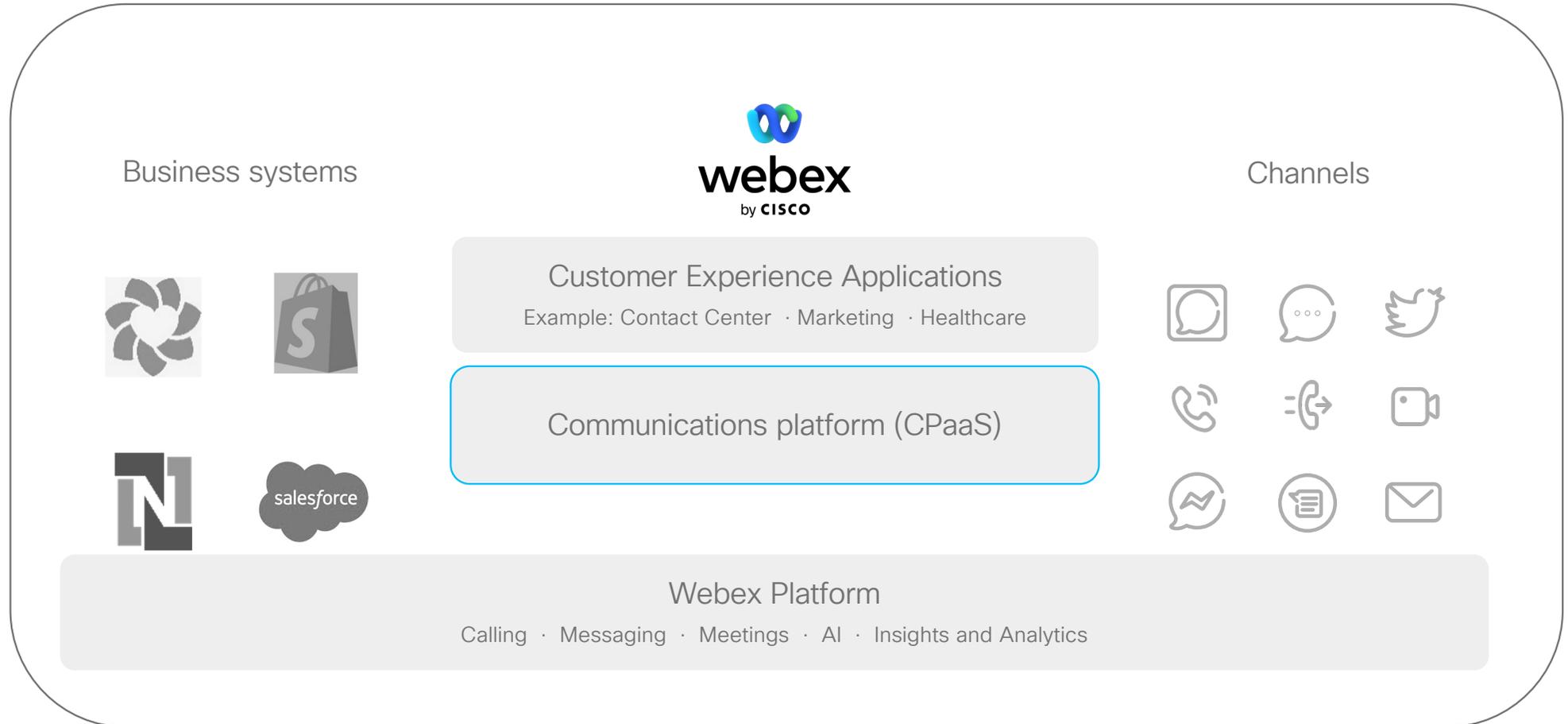
Seamless interactions across the entire customer journey



Reimagine customer experience with Webex Connect

[Watch Video](#)

Powering remarkable customer experiences



Enterprise CPaaS for smart, seamless customer interactions



Proven use cases across industries



Logistics

- Dispatch confirmation
- Estimated arrival alerts
- Delivery amendments



Public Sector

- Self- services
- Citizen updates
- Payment reminders



Retail

- Abandoned basket alerts
- Where is My Order
- Home delivery notifications



Healthcare

- Digital appointments alerts
- Medication reminder
- Patient follow-up



Telco & Utilities

- Welcome & On-boarding
- Upgrades
- Appointment Scheduling



Contact Center

- Support existing Salesforce chat
- Appointment scheduling
- AI assisted interaction routing



Travel

- Reservation/ticket confirmation
- Travel disruption alerts
- Car breakdown service
- Check-in/out

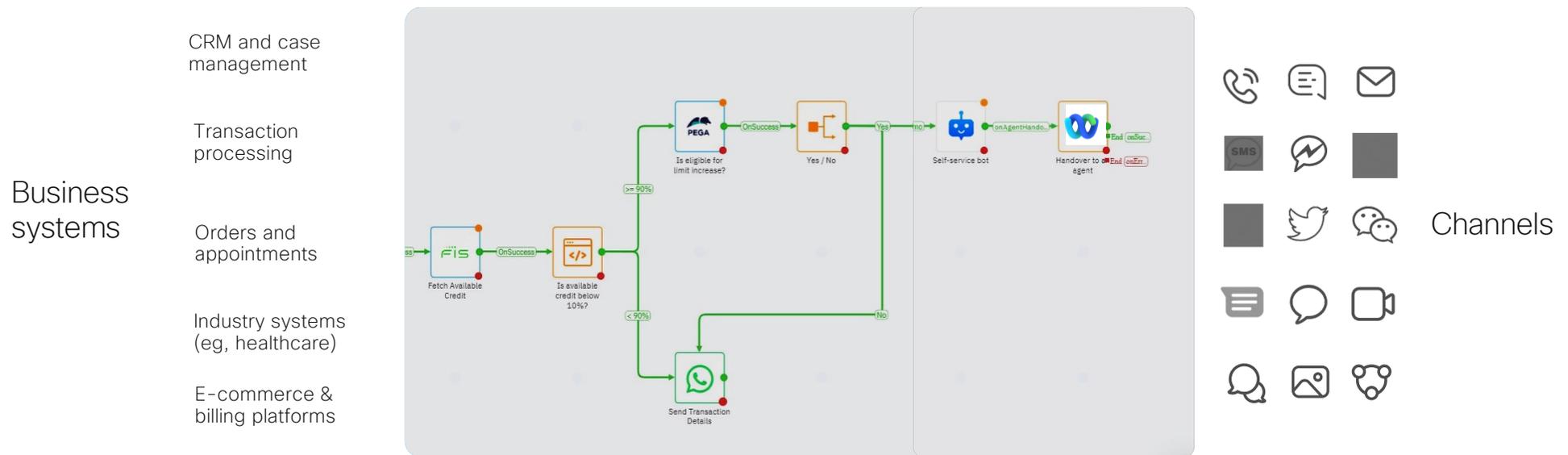


Banking & Finance

- Event triggered communications
- Real-time fraud alerts
- SIM Swap protection
- Proactive payment reminders

Orchestrate low-code, context-aware customer journeys between automated and human interactions

Leverage all Webex Connect digital channels for automated interactions



Digital natives have reshaped consumer CX expectations

Business-owned channels

Point and click

Reactive

Manual

Customer acquisition



Consumer preferred

Natural language conversations

Proactive

Automated

Customer service and retention

Digital natives have reshaped consumer CX expectations

Business-owned channels

Point and click

Reactive

Manual

Customer acquisition



Consumer preferred

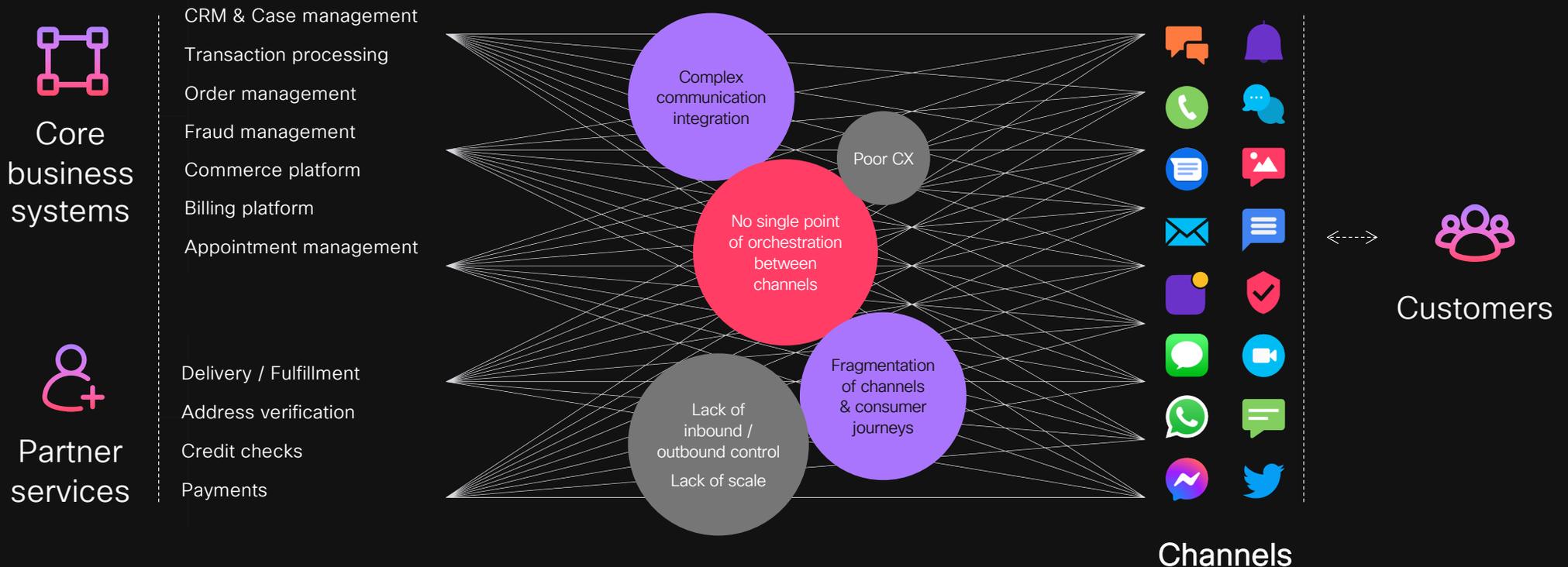
Natural language conversations

Proactive

Automated

Customer service and retention

Meeting those expectations is complex for large enterprises



Key capabilities of Webex Connect



Communication channel management

- One platform. 16+ channels
- Rich messaging across channels
- Cross platform SDKs for Push and In-App
- Future-proof architecture
- Seamless upgrade to new channel APIs

Business logic & flow orchestration

- Low-code flow builder
- 30+ pre-built nodes
- Multi-level conditional branching
- Serverless runtime environment
- Flow versioning

Intelligent enterprise control

- Rich reports and dashboards
- Flow Analytics and Custom Report Builder
- Central enforcement of contact policies
- Service health monitoring and alerting
- User management & RBAC

Integrations set-up & management

- Prebuilt CRM & CCSP integrations
- Configurable custom integration node
- Integrate once and reuse across flows
- Both inbound and outbound integrations
- Integrations over multiple interfaces

NLP and AI for conversational automation

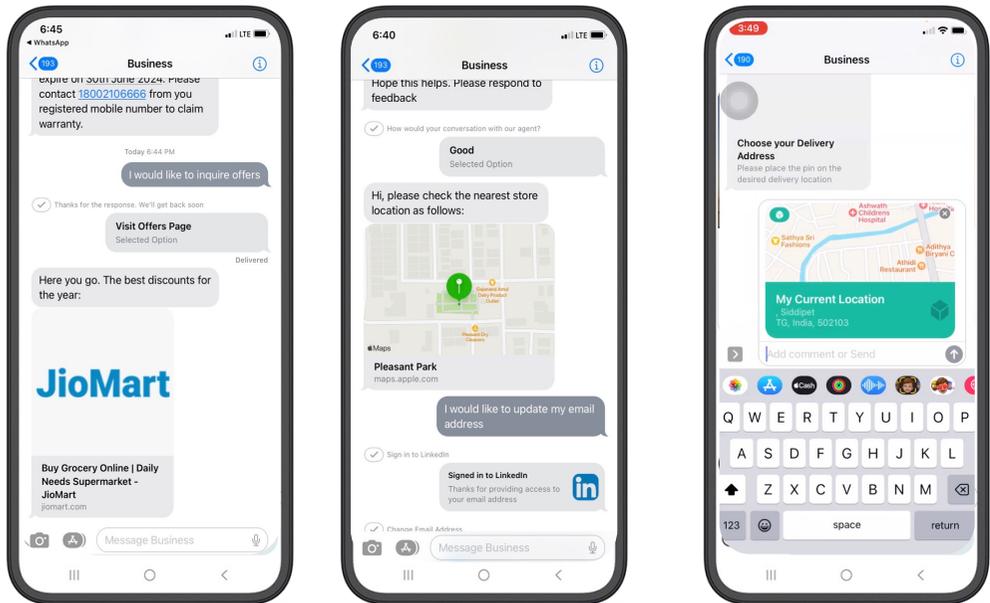
- Bot Builder
- Pre-built NLP and NLU nodes
- Access to 14+ NLP and NLU functions
- Use the best AI without lock-in
- Contextual transfer between bots & agents

Service assurance & infrastructure management

- High availability infrastructure
- Pro-active maintenance. Disaster recovery
- Live platform status and service monitoring
- 24X7 support over live chat, email and phone
- Rule based monitoring & CMDB

Apple Messages for Business (AMB)

Expanded support for new capabilities added by Apple

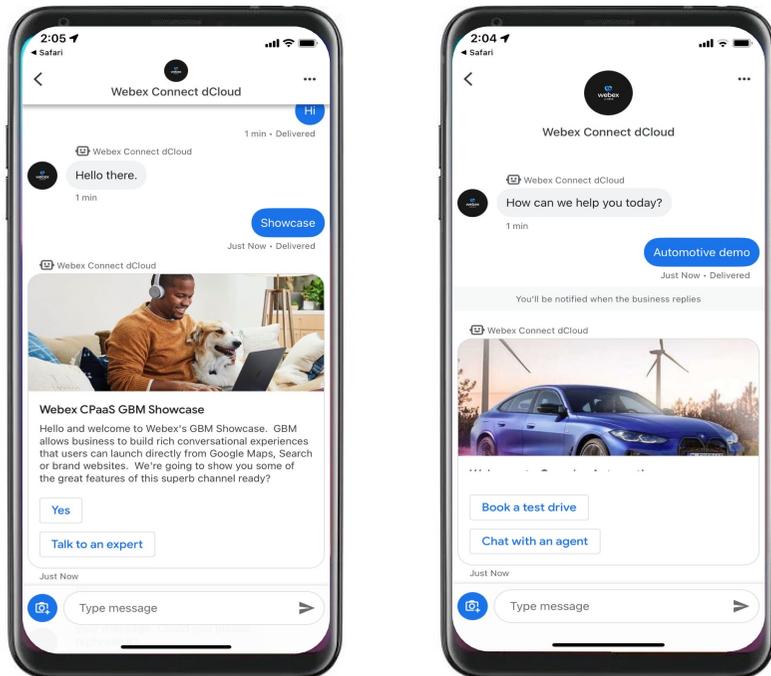


Extend AMB support with latest features that Apple has released including auto rich link, maps rich link, iMessage app, form messages etc.

These additional features and enhancements provide richer experience for consumers.



Google Business Messages (GBM)



Support for GBM, a native channel in Webex Connect platform 6.2 release.

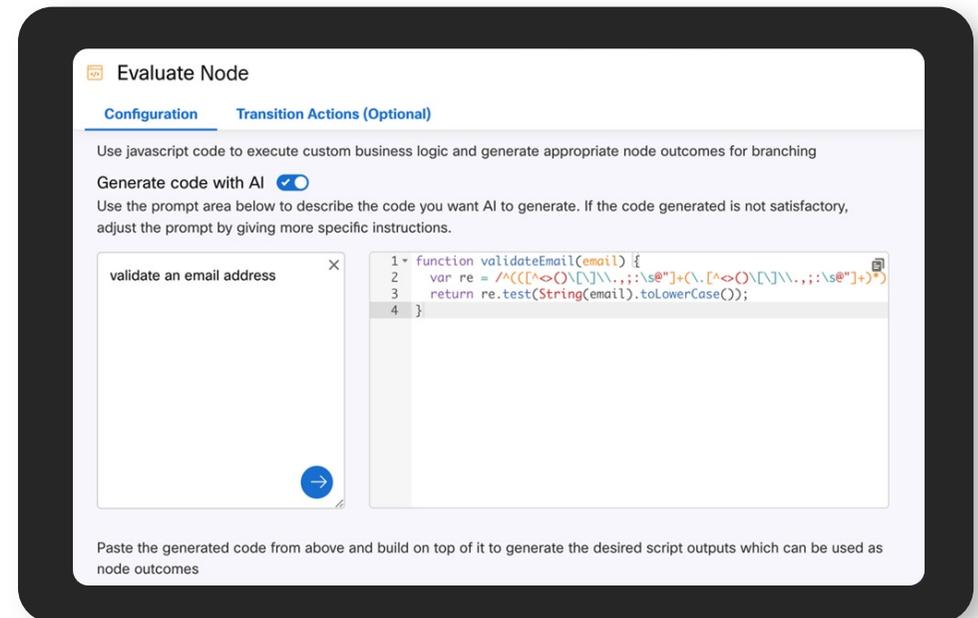
Platform automates customer interactions over Google Business Messages, includes the capability to **send** text messages, attachments, suggestion replies and actions, rich cards, carousels etc. and the ability to **receive** text messages and attachments, responses to suggestions, end user typing indicators, and live agent requests by a GBM end user.



Code generation in Evaluate Node

Using generative AI to create code samples for use in the Evaluate node to simplify code creation during journey customization

Allows developers to describe the code needed and AI will return the appropriate code samples

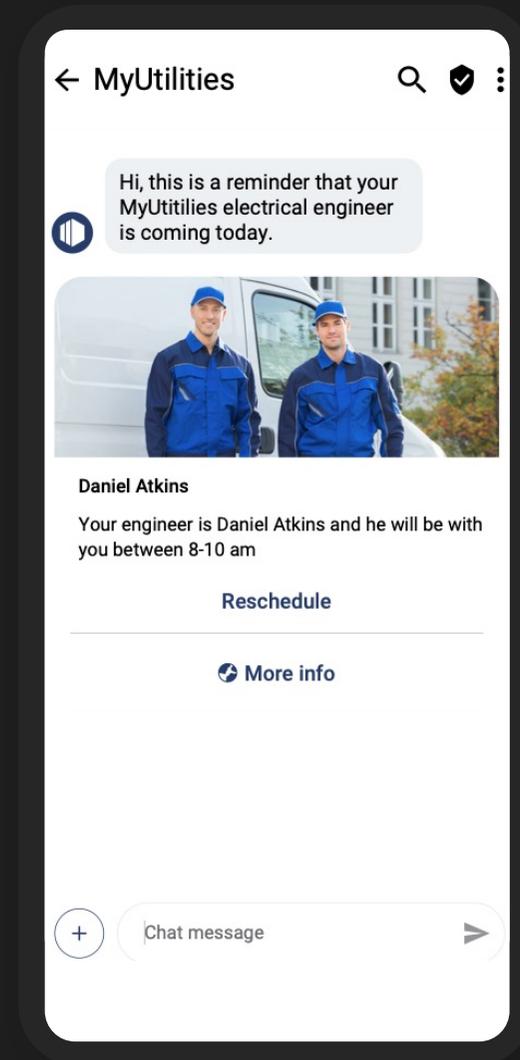


Webex Connect Use Cases

Utilities

Manage engineer appointments

- Whether it's to install a smart meter or fix a boiler issue, customers want to be proactively reminded about their appointment and have the ability to manage it themselves easily.
- We helped one client improve their appointment management experience and CSAT score by implementing a digital self-service solution. Customers were able to respond to a reminder via 2-way SMS and confirm, reschedule or cancel the appointment. This helped reduce inbound calls and no access appointments and allowed real time information to be communicated to the field force.



Utilities

Streamline tariff switching

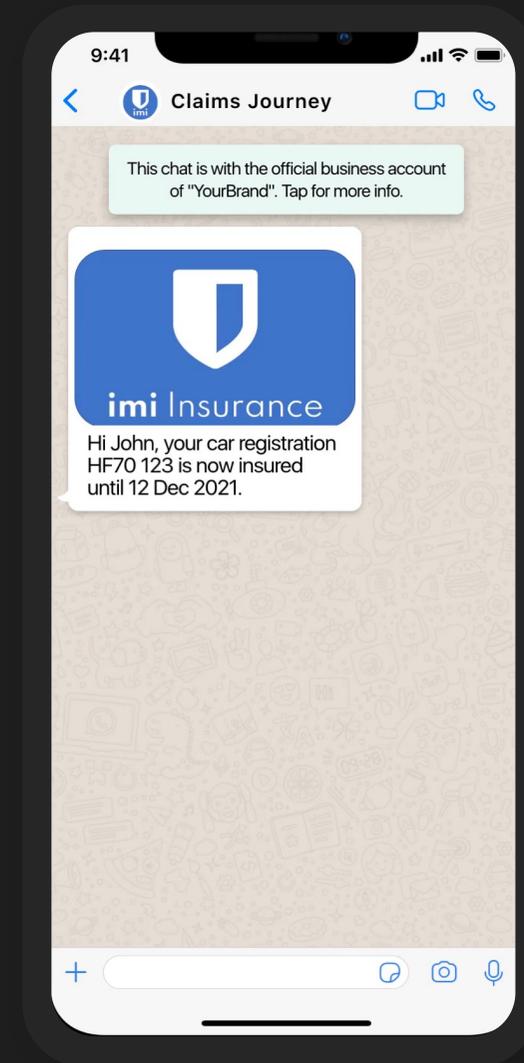
- Customers like to know they are getting a good deal and won't hesitate to renew with another provider if they feel there is a better option on the market. For utilities companies, customer retention is key.
- We helped one client automate the tariff switching process. Customers were able to change tariffs by responding to an advertised 5 digit short code. Customer details were checked for eligibility and if criteria were met, consumers were sent a confirmation by SMS.



BFSI

Initiate insurance claims

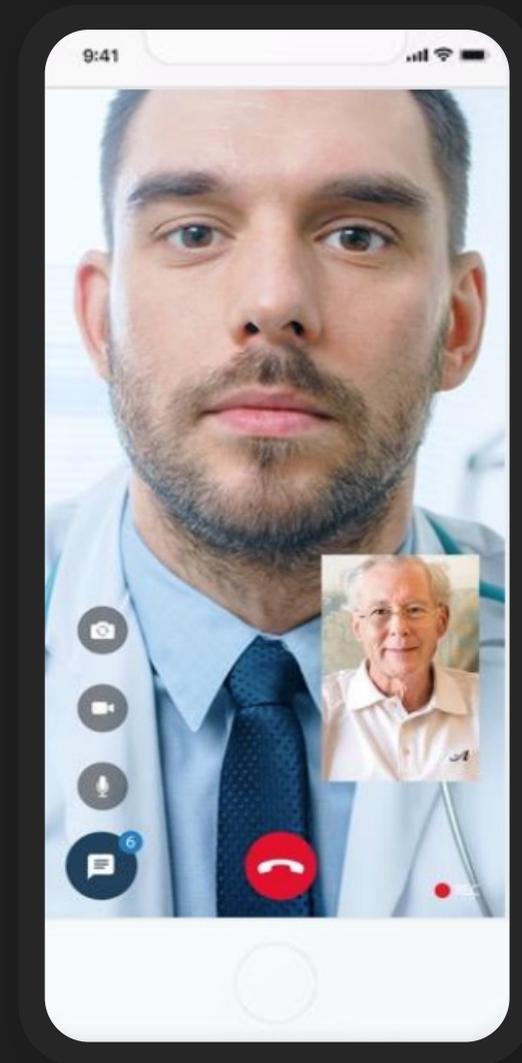
- Traditionally a customer receives hard/soft copy documents when they start their insurance policy. Information about what to do in the event of an accident is in the documents. Maybe you get an online portal for information and policy administration. Customers need to be organized and proactive. A conversation typically begins hours or days after the event.
- We helped one insurance company add messaging so customers could tap/click/scan for assistance.



Public Sector

Push online medical consultations

- As the world moves increasingly online, GP surgeries are needing to adapt how and where they offer their services. Online consultations and follow-ups ensure all patients have remote access to their GP saving them time waiting for appointments or going in person.
- We helped one client improve services offered to patients by providing convenient, digital first options in the form of video.



Demo Webex SDK (Meetings, Connect)

Vyzkoušejte si Webex Connect (CPaaS)

Nabídka zaměstnání
obsluhováno ChatGPT
(angličtina)



Registrace
odešlete fotku,
dostanete badge
(angličtina)



Nabídka SIM karty
(angličtina)





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