Novinky ze Cisco Live US Collaboration a Security

Jaroslav Martan <u>Jiří Tesař</u>

cisco live!

Dotazy pište do Slido nebo zvedněte ruku a my vám zapneme mikrofon



Agenda - Collaboration

- Smarter Hybrid Workspaces "Distance Zero" meetings
 - Cisco Spaces
 - Cinematic Meetings
 - Microsoft Teams Rooms
- Individual collaboration
 - Webex with Al & O365
- Customer Experience
 - CPaaS Digital channels with Communications Platform as a Service
 - Webex Contact Center "power agents"



Enabling a Smarter Hybrid Workplace





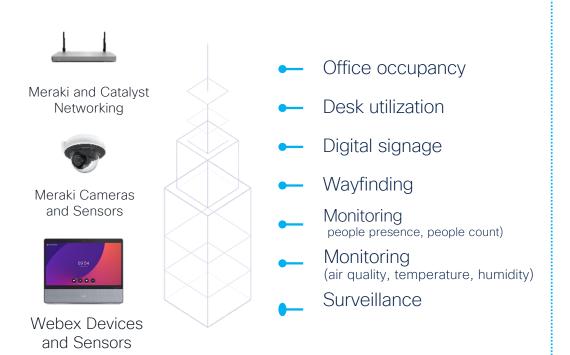








Intelligent Office Arrival Experiences





KIOSK / DIGITAL SIGNAGE



TECCOL-2457

Smart Workspaces - Rich Map







Your Network as a Sensor

SPACES

webex

With

CISCO

CISCO



Cisco Catalyst **Access Points**

Sensor for ...

- Occupancy
- · Air Quality, Temperature, Humidity
- As a BLE Gateway



Cisco Catalyst Switches

Sensor for

- Wired IoT Gateway
- Occupancy & Energy Analytics



Cisco Meraki **Access Points**

Sensor for ...

- Occupancy
- Meraki Things gateway



Webex Room Devices

Sensor for

- Room Occupancy
- People Count
- Ambient Noise



Webex Navigator

Sensor for ...

- Temperature, Humidity
- Indoor Air Quality



Webex Board / Desk Pro

Sensor for ...

- People count, Ambient Noise,
- Temperature, Humidity, Indoor Air Quality



Wired & Wireless Third Party Sensors

Sensor for ...

 Occupancy, Co2, Temp, Humidity, air quality, noise levels, etc.



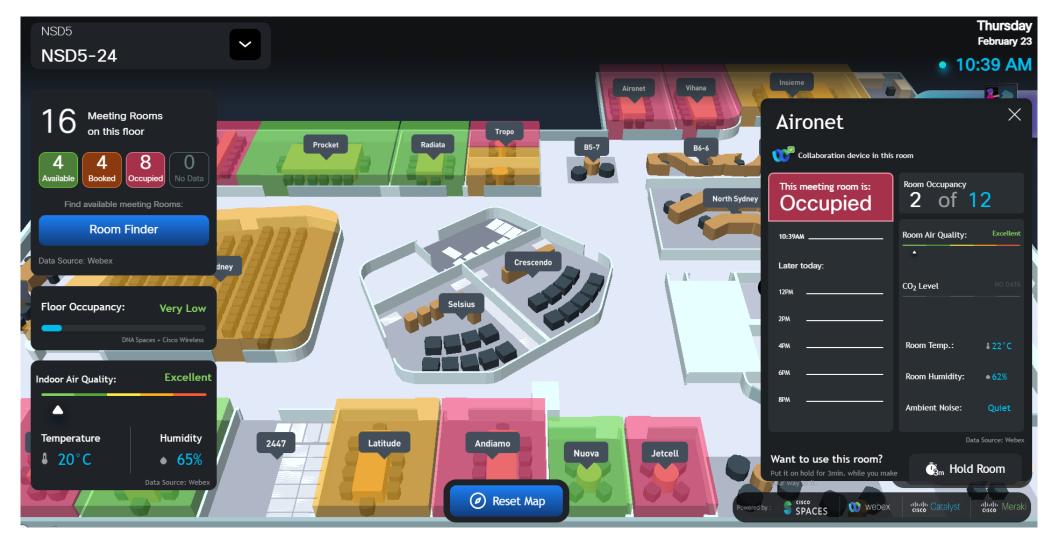
Sensor for ...

- MT for Temperature, Humidity and Air quality
- MV for counting and MT gateway



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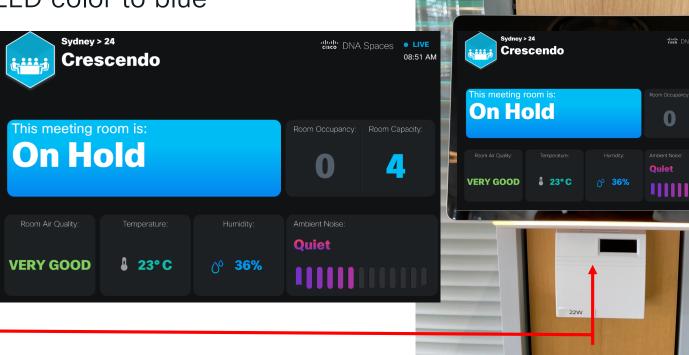


Persistent WebApp on Navigator panels

Show room environmental metrics and occupancy/booking

Blue "Hold" button on the Cisco Spaces will change Navigator LED color to blue







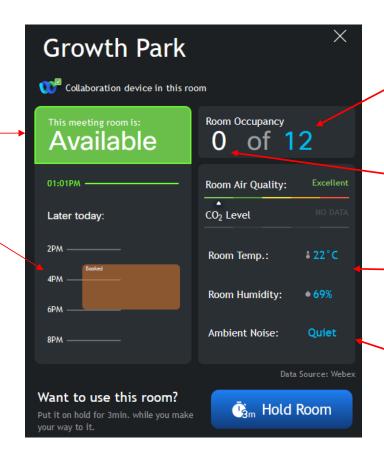
4

Webex Device Telemetry mapped to Rich Map

People Presence Detection

Hybrid Calendar **Booking Status**





Workspace Capacity

Current People Count (in and off of call)

Environmental Metrics (from Navigator / Board Pro or Desk Devices)

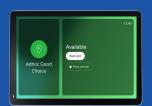
Ambient Noise

*Need to be enabled on Devices or in Global Workspace Settings **Ambient Noise Estimation** People Count Out Of Call People Presence Detector

cisco / ile/



Ad Hoc / On-Site Only Booking



Room Status Visibility



Room Booking Automation



Room Booking (w/ check-in*)

Inside & Outside



Meeting Reminders



Ghost Meeting Release



Voice <u>As</u>sistance



Frictionless Meeting Extension



Persistent Web Apps





TECCOL-2457

Room booking automation macros

Auto Book Room

Book a room simply by walking in (people count)

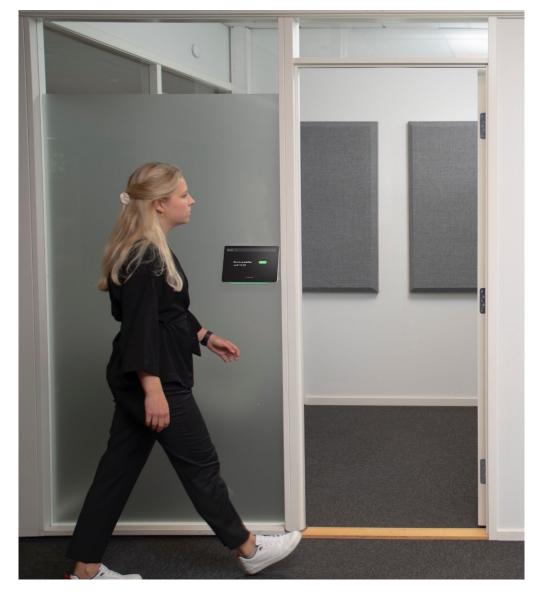
Ghost Meetings Release

Free up the room when no one shows up to a meeting

https://roomos.cisco.com/macros OR

https://github.com/CiscoDevNet/roomdevices <u>-macros-samples</u>





Microphone cisco Life!

Cisco Microphones

- Cisco Table Mic (analog)
 - Table Mic E with Euroblock/phoenix connector
 - Table Mic J with 4-pin mini jack
- Cisco Table Mic Pro
 - Audio over IP connected
- Cisco Ceiling Mic (analog)
 - Ships with ethernet to Euroblock and ethernet to 4-pin mini jack connectors



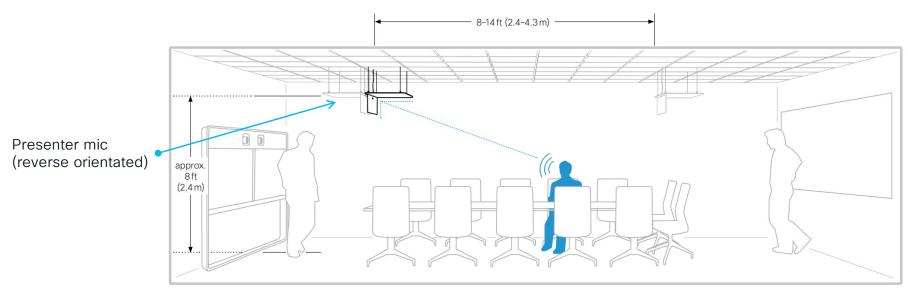
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Cisco Ceiling Microphone

Placement best practice



Whereas the Table Mic has a circular pickup pattern covering a full 360-degrees, the Ceiling Mic is designed with a semi-circular pickup pattern covering 180-degrees. Maximum radius is approx. 4m (~14 feet). Ceiling height is also an important consideration with the ideal height being between 2.1m-2.4m (~7 feet to ~8 feet).

Remember: If installing as a Presenter mic, then approx. 1.5m (~5 feet) from the device is recommended. Acoustic damping in the workspace also plays a key part. Rooms with less damping may require that the microphones are placed closer together (this may also mean additional microphones are needed)

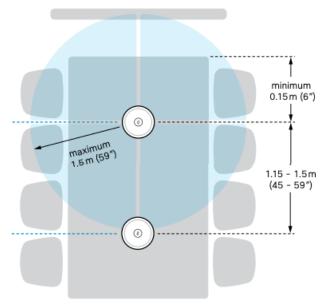


Table Microphone Pro

Microphone placement

Cisco Table Mic have around a 1.5m (~59") pickup radius. Best placement is positioned between seats (not directly in front of)

Ideal placement for Table Mic Pro is recessed into the table. This makes calculation of number of mics and placement even more critical



Follow the centerline of the table for even placements

Microphones should be no less than 15cm(~6 inches) from the edge of the table

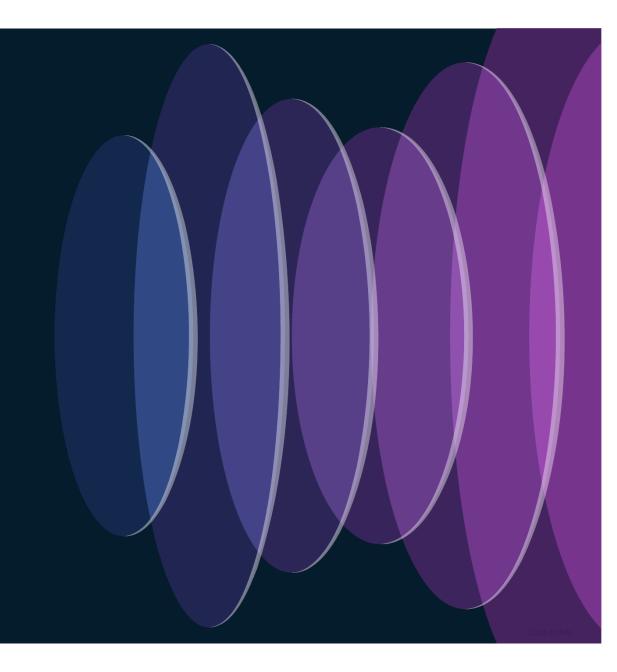
Wider tables may require a second row of microphones to maintain the pickup radius in relationship to the microphone<->chair.

Point to note: Table Mic Pro has a larger pickup area vs Table Mic which can allow for wider spaces between microphone placement



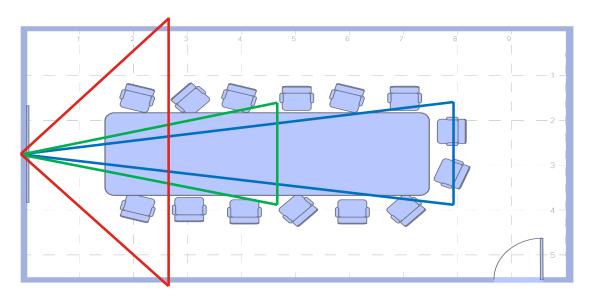
Cisco Public

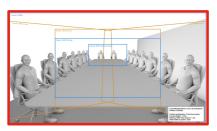
Camera



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https://collabexperience.com





Best overview



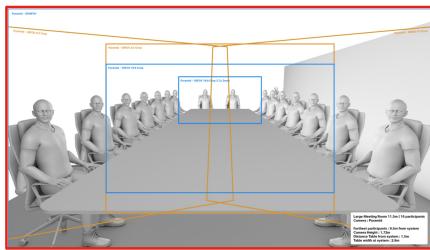
Single Person Frame

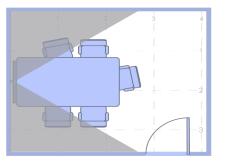


Two Person Frame

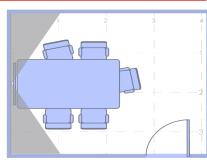
cisco Live!

Best Overview - how close can you be?



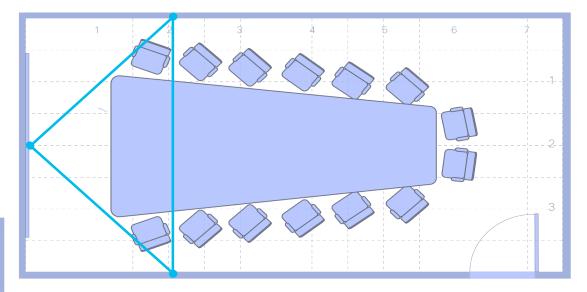


70 deg FOV



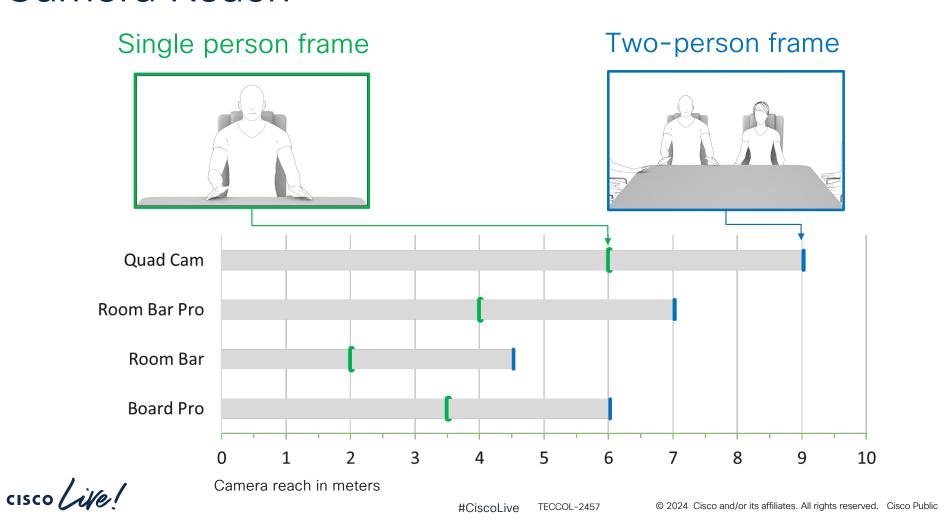
120 deg FOV

Best Overview



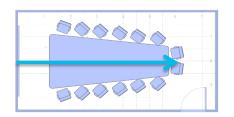


Cisco Public



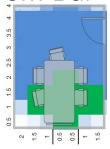
	Width @1Meter	Single person frame (up to)	Two person frame (up to)
Board Pro	3.5m (11.5 ft)	3.5m (11.5 ft)	6m (20 ft)
Room Bar	3.5m (11.5 ft)	2m (6.5 ft)	4.5m (15 ft)
Room Bar Pro/Board Pro G2	3m (10 ft)	4m (13 ft)	7m (23 ft)
Quad Camera	1.8m (6 ft)	6m (20 ft)	9m (30 ft)

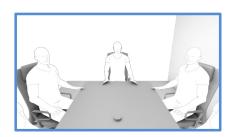


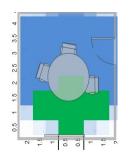


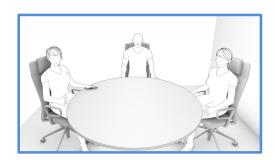


Room Bar

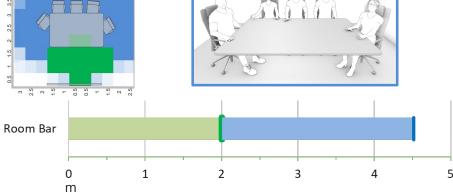












Room Bar

26-Aug-23 Last updated version

HFOV	HFOV
Wide camera	120 deg

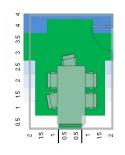
Zoom

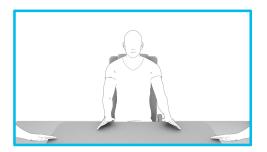
Max Speaker Track Zoom	3.0 X
Max Manual Zoom	5.0 X

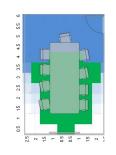
Reach	ft	mts
Width of table at 1 mt	11 ft	3.5 m
Single person frame	7 ft	2. m
Two person frame	15 ft	4.5 m

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Room Bar Pro/Board Pro G2









Room Bar Pro

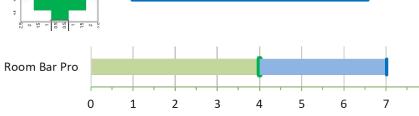
Last updated version

HFOV	HFOV
Wide camera	112 deg
Far camera	70 deg

Zoom

Max Speaker Track Zoom	2.3 X
Max Manual Zoom	5.0 X

Reach	ft	mts
Width of table at 1 mt	10 ft	3. m
Single person frame	13 ft	4. m
Two person frame	23 ft	7. m



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Board Pro G1



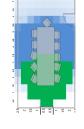


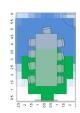














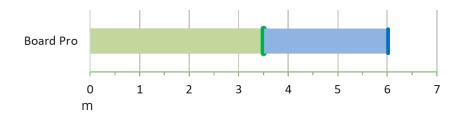


Board Pro 26-Aug-23 Last updated version

HFOV	HFOV
Wide camera	120 deg
Far camera	85 dea

Zoom	
Max Speaker Track Zoom	3.0 X
Max Manual Zoom	5.0 X

Reach	ft	mts
Width of table at 1 mt	11 ft	3.5 m
Single person frame	11 ft	3.5 m
Two person frame	20 ft	6. m

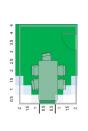




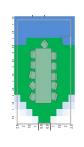
or teleren

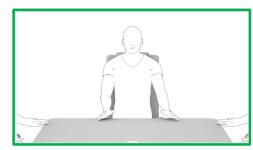
Camera Reach

Quad Camera











Quad Cam

Last updated version 26-Aug-23

HFOV	HFOV
Wide camera	83 deg
Far camera	94 deg

Zoom

Max Speaker Track Zoom	2.7 X
Max Manual Zoom	2.7 X

Reach	ft	mts
Width of table at 1 mt	6 ft	1.8 m
Single person frame	20 ft	6. m
Two person frame	30 ft	9. m
Extended Zoom Range	38 ft	11.5 m

NOTES:

Quadcam has 3 overlapping telelenses, each with 40 HFOV composing 94 total HFOV Enable extended Zoom Range:

xConfiguration Cameras SpeakerTrack ZoomRange: Extended/Standard



Quad Cam

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10

11

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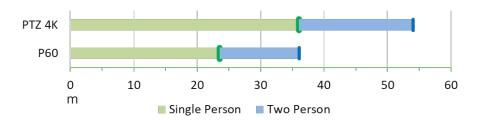
PTZ4K and P60

PTZ 4I	Κ
Last updated version	12-Jul-23
Max Zoom Far Camera	
1080p zoom	24.0 X
720p zoom*	36.0 X
Max Manual Zoom	240.0 X
Width of table at 1 mt	1.4 m

Single person frame

Two person frame

P60		
Last updated version	12-Jul-23	-
Max Zoom Far Camera		_
1080p zoom	20.0 X	
Max Manual Zoom	20.0 X	
Width of table at 1 mt	1.8 m	6 ft
Single person frame	23.5 m	77 f
Two person frame	36. m	118



118 ft

177 ft

	PTZ4K	P60
Max Optical Zoom	12 X	10 X
Max Digital Zoom	20 X	2 X
Max Total Zoom	240 X	20 X

- Cisco PTZ4K and P60 do not have built-in speaker track functionality
- Extended reach together with a Quad Camera will enable speaker track functionality on PTZ4K
- Distances displayed on this table assume a quality of 1080p or superior at reasonable distances. Longer distances are reachable with high dependency on illumination conditions
- Presenter track can be enabled with a Codec Plus, Pro, EQ or Board Pro

Change !

Multi-camera Group and Speaker View

RoomOS July (beta)

- Designed to provide a 'group' view of the space plus an additional stream with the active speaker.
- Supported initially on Cisco Bar Pro and Board Pro G2
- Support only within Webex meeting on devices
 - Cloud registered
 - Webex Edge for Devices with Optimized Join
 - Webex app support expected later this calendar year

Sending side activation

Sending side

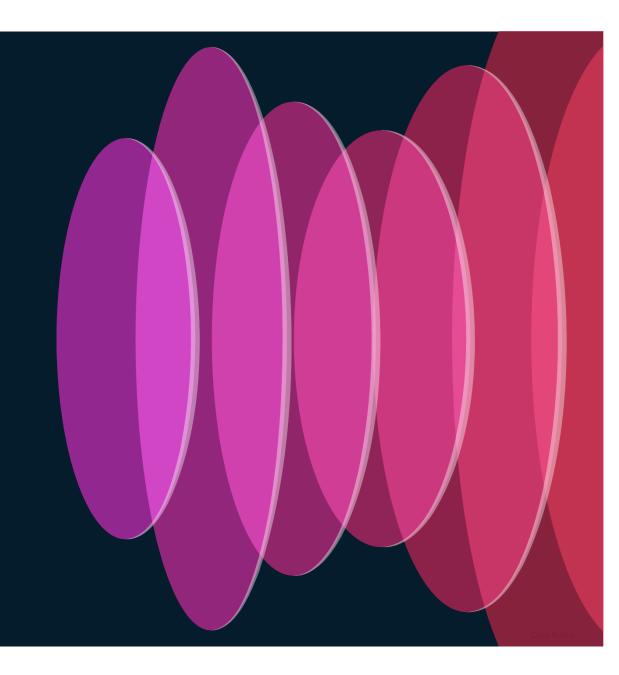
| Camera control |

Receiving side: Group view Active speaker

BRKCOL-2390







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Cinematic Meetings is not an actual feature - It is an experience made up of several features



Cinematic Meetings Experience

Meeting zones

Enable distraction-free meetings in glass-walled meeting rooms by only framing and tracking people within predefined perimeters



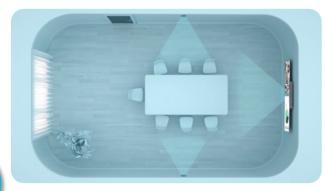
Multi-camera speaker view

Dynamic switching between the built-in camera system and the PTZ 4K Camera for extended reach and high-quality framing



Multi-camera cross-view

Show the best view of in-room participants across the table through adaptive, Al-directed framing for true-to-life meetings.





Cinematic Meetings Experience

Presenter & audience view

Run engaging local, remote and hybrid sessions with Al presenter tracking, camera switching and multi-stream video intelligence



Frames & people focus

Ensure everyone is equally seen in the meeting with AI people cropping and augment the experience with intelligent video layouts on Webex



Campfire

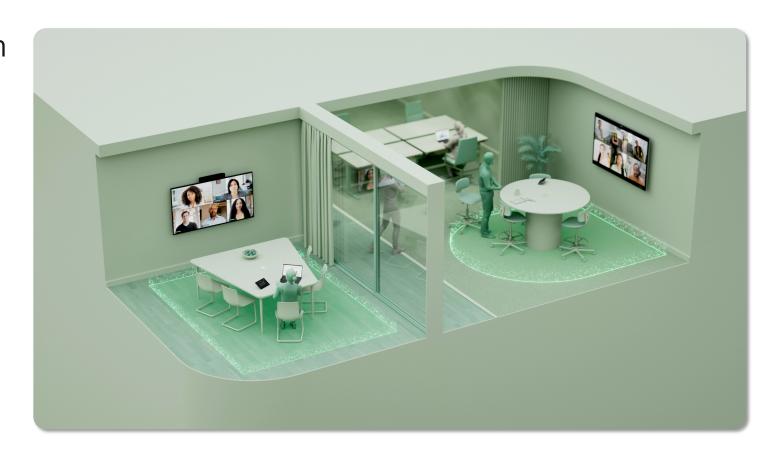
Bring an inclusive experience to executive meetings with a purposedesigned setup with multiple codecs, cameras and screens.





Meeting Zone

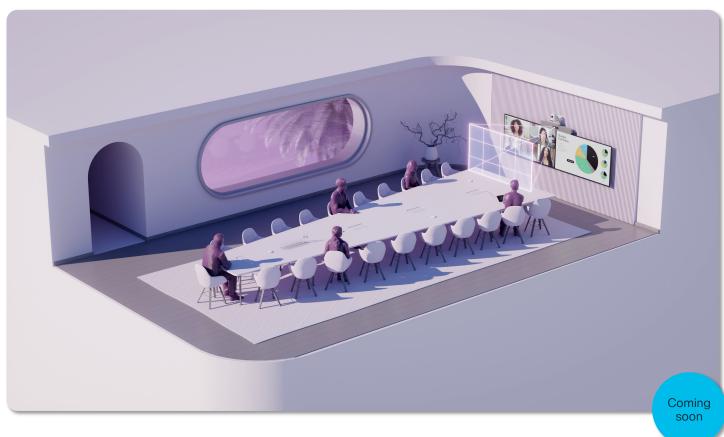
- Configurable from the UI of the Cisco device
- Supported on Desk, Board and Room series.
- xAPI also available for deployment





Multi-camera Speaker View

- Also known as Extended SpeakerTrack
- Quad Camera and PTZ4K will work together to switch between each other.
- Codec Pro and EQ based systems only.
- Expected to use Table Mic Pro to extend Speaker Track pickup area





#CiscoLive

Multi-camera Cross-view

- Quad Camera and PTZ4K camera setup
- Switching between main and sides
- Codec EQ based systems
- Table Mic Pro required





Presenter and Audience view

- Presenter and Audience setup designed to support Hybrid Events (for example training or town halls)
- Supported with RoomOS 11 on:
 - Codec EQ based systems
 - Codec Pro bases systems (not Panorama)
 - Room Kit Plus
 - Room 70 G1/G2 and Room 55 Dual
- Only supported in Webex meetings and SIP calls





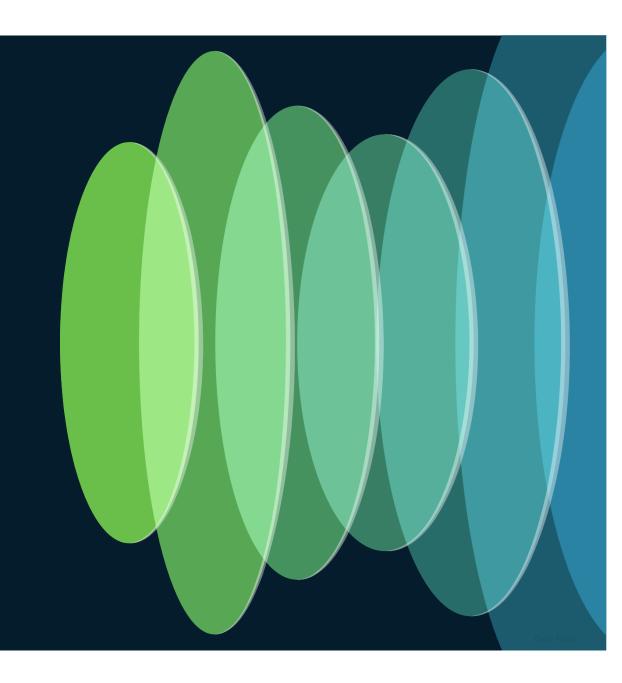
Campfire

- Macro based solution based upon:
 - Multiple Quad Camera
 - Multi codec (EQ/Pro for example)
 - Furniture not part of the solution!
 - Not supported with MTR





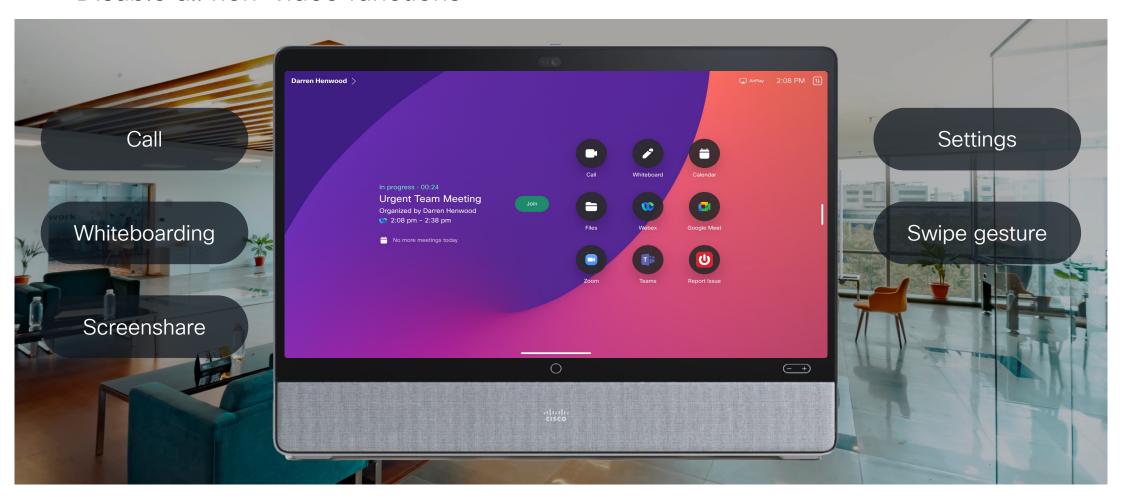
Beyond the meeting room



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Kiosk Mode - What is it

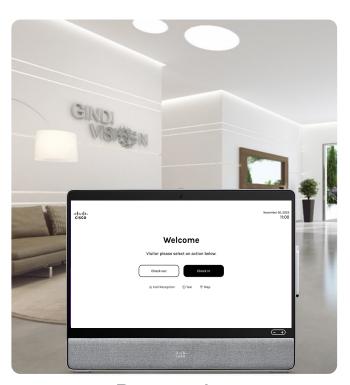
Disable all non-video functions



Kiosk Use Cases



Retail Store



Reception



Telehealth

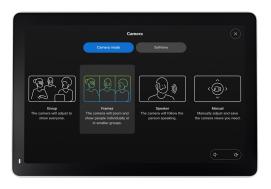


Persistent Web App

Room control



Conference control



Room booking



Digital signage



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Sensors & Analytics



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Third-party experiences

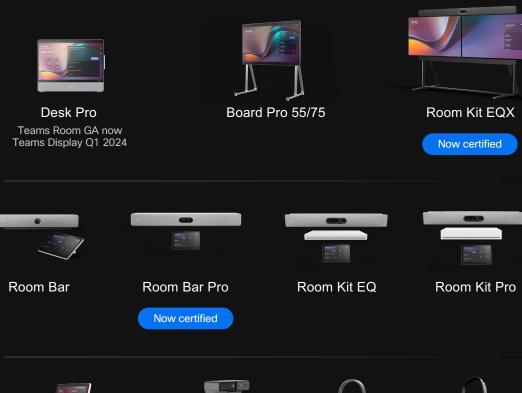


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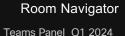


A complete portfolio Microsoft Teams Rooms











Desk Camera 4K

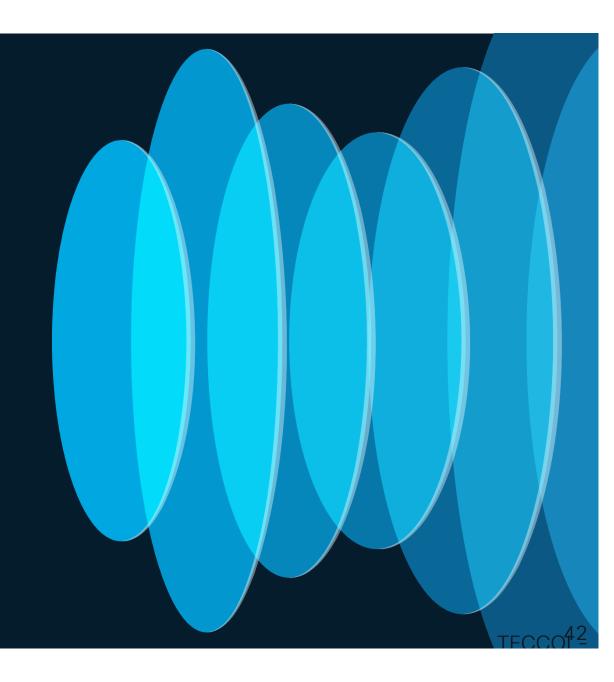


Headset 320 Series



Headset 720 Series

Webex App



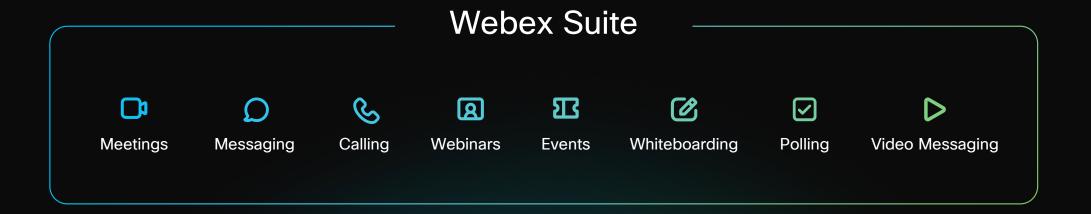
cisco Life!





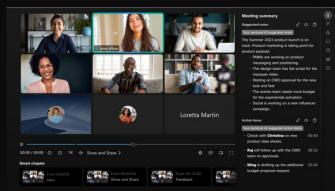


A single app for all your collaboration needs



Webex App

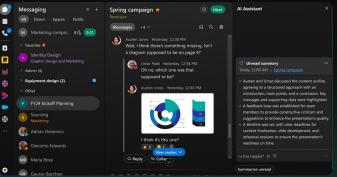
One app for all your collaboration needs





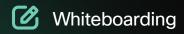


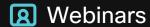












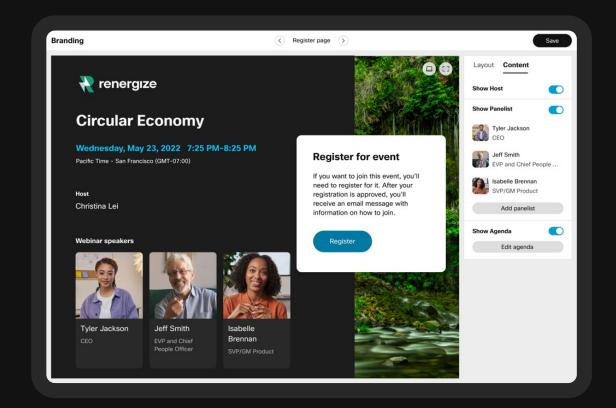






A scalable webinar platform for interactive experiences

Up to 100,000 simultaneous participants











End-to-end event management for in-person, virtual & hybrid



Video Messaging







Stay in sync with fewer meetings

Record, edit and share short videos with Vidcast





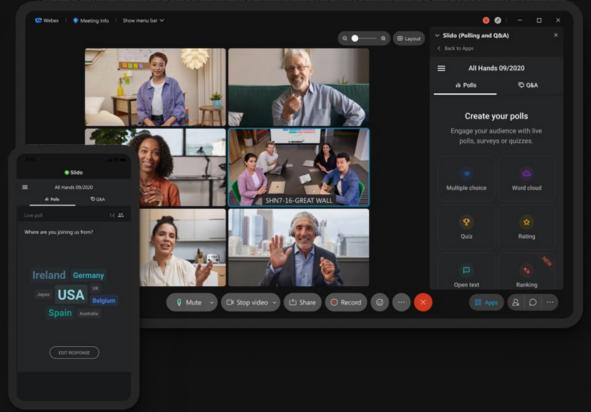






Keep audiences engaged

Energize your audience to participate in the conversation with live polling, Q&A, and more



Webex + Apple Integrations



Apple Vision Pro



Apple TV 4k
Collaborate on your biggest screen
Webex Suite*



Apple Watch
Hands-free collaboration
Webex Suite* | Webex Go



Apple iPad
Multi-tasking hybrid work
Webex Suite



Apple iPhone

Mobile camera share

Webex Suite | Webex Go



Apple CarPlay
On-the-go collaboration
Webex Suite* | Webex Go

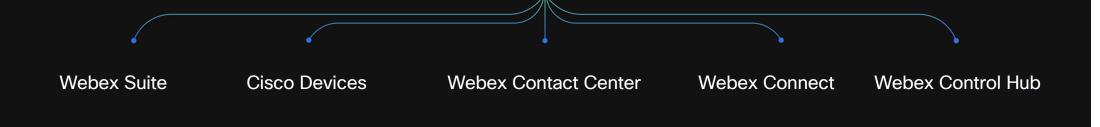


Apple MacBook

Meet | Call | Message | Share

Webex Suite

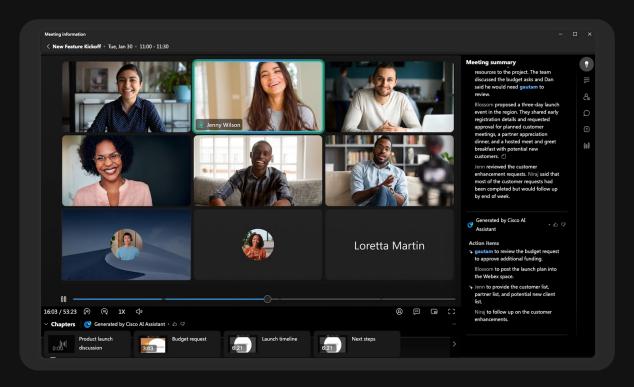
An Al Assistant that works for you



AVAILABLE ACROSS THE WEBEX ECOSYSTEM

An Al assistant that catches you up on a meeting

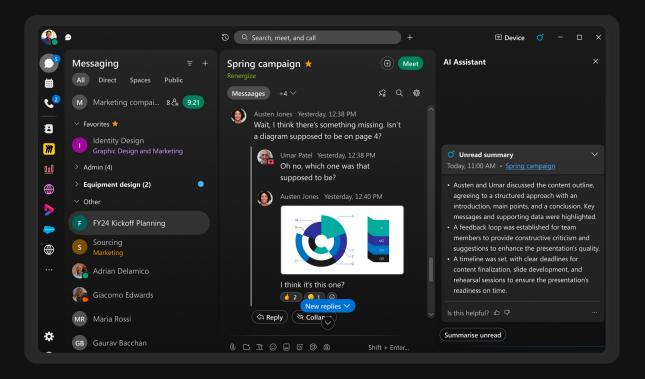
AVAILABLE NOW



Catch up on a missed meeting

An Al assistant that personalizes for you

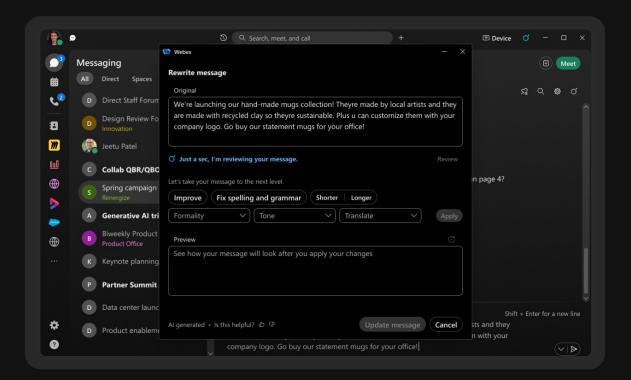
AVAILABLE NOW



Space summaries

An Al assistant that writes for you

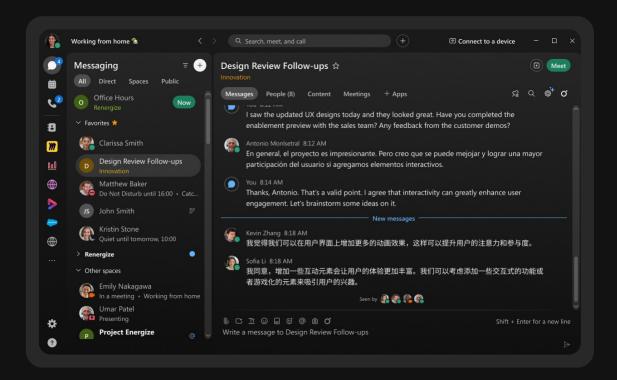
AVAILABLE NOW



Re-write message

An Al assistant that translates for you

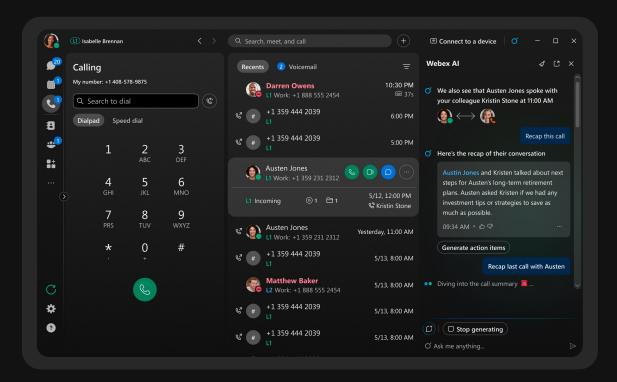
NEW | AVAILABLE APRIL



Translation for messages

An Al assistant that summarizes for you

NEW | BETA AVAILABLE SOON



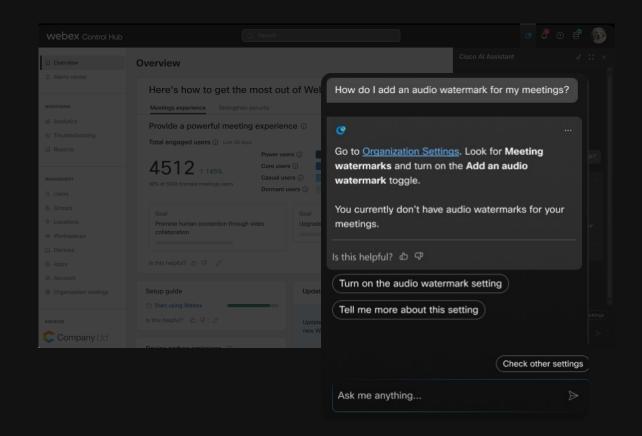
Call summaries

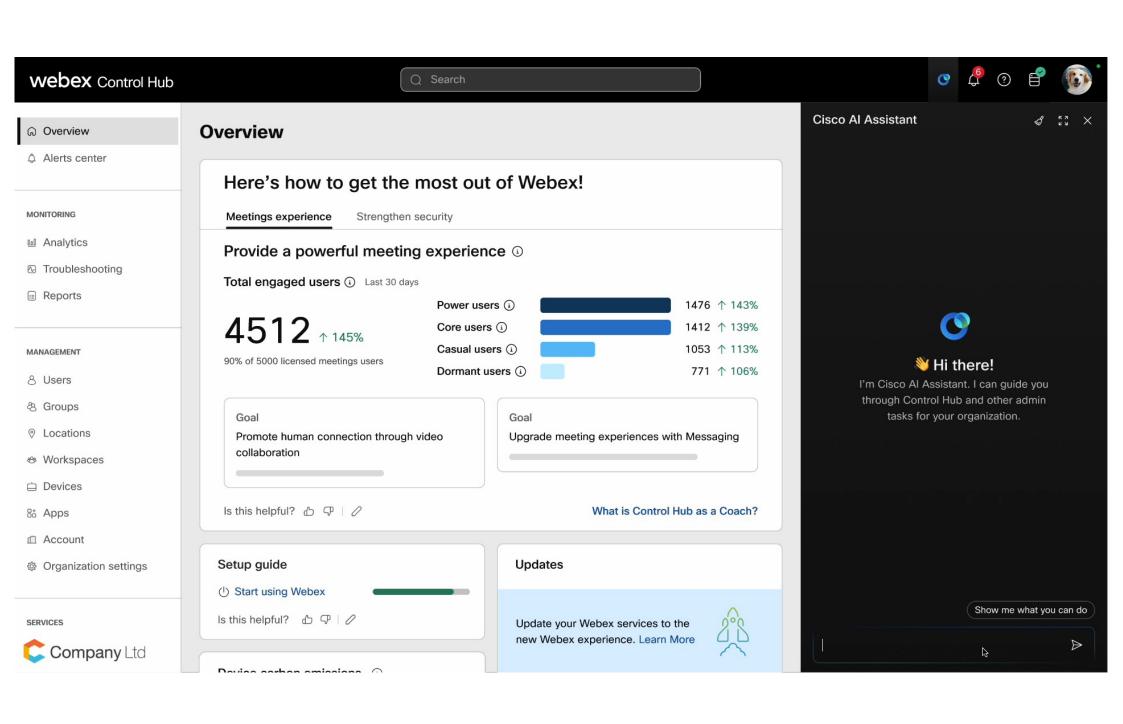
An Al assistant that finds answers for you

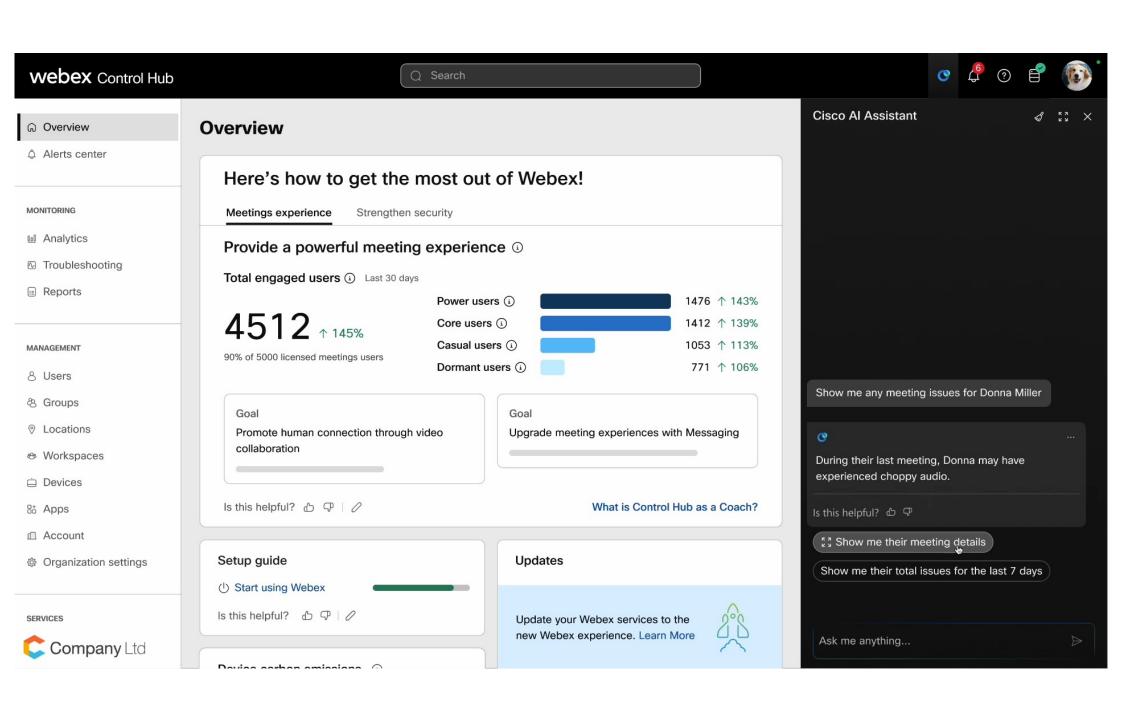


Ask the Al Assistant during Meetings

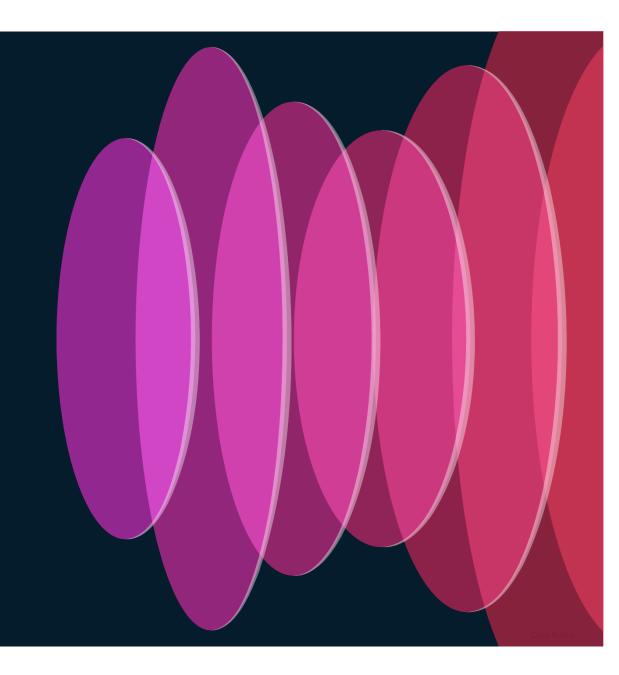
Al Assistant for Control Hub







Customer Experience



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The Webex advantage

Customer Experience



Digital interactions

Webex Connect (CPaaS)



Human interactions

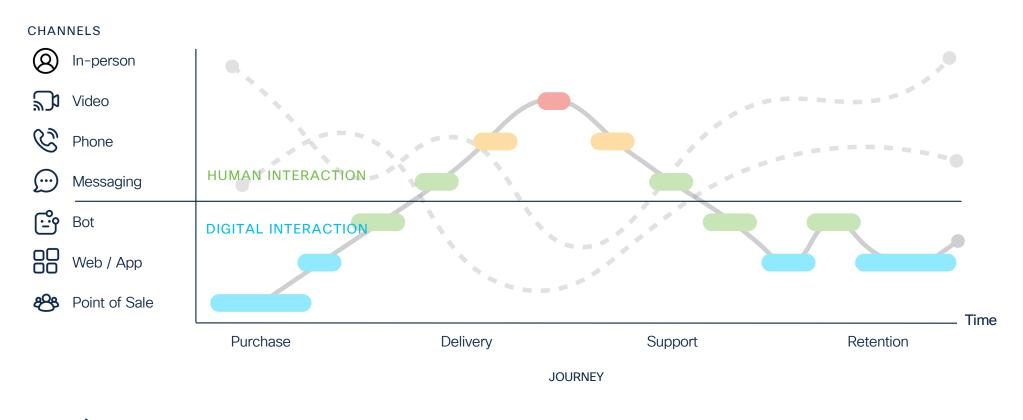
Webex Contact Center (CCaaS)

Webex Platform

Al, Security, Manageability, Sustainability



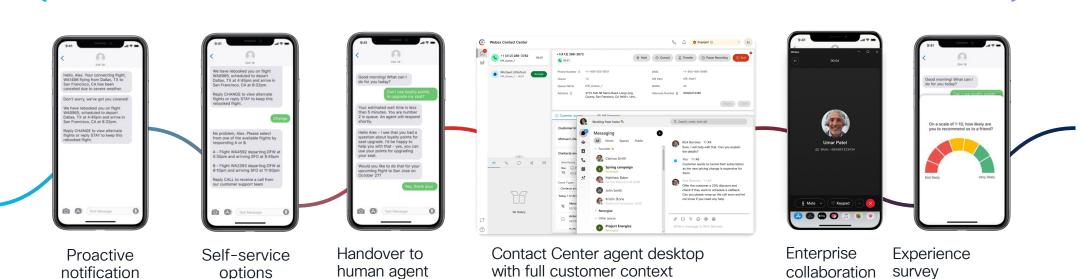
The customer journey spans across multiple touchpoints, both human and digital



cisco Live!

Is there a business need or imperative to delivery seamless CX across the entire customer lifecycle?

Automation and self-service Human engagement Listen and measure



Customer journey

cisco Life!



Do you see digital messaging channels as opportunity?







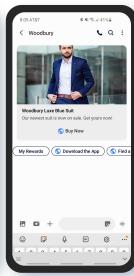




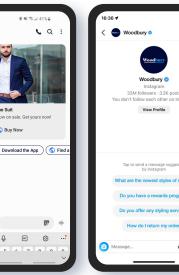


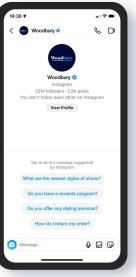


SMS/MMS

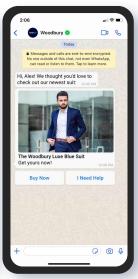


RCS

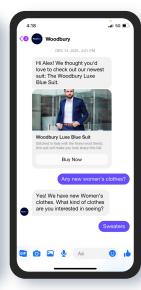




Instagram







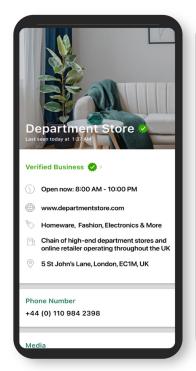
WhatsApp

Apple Messages for Business

Facebook Messenger



They offer capabilities that enrich customer engagement



Burger Guys

Burger Guys

62,438 people like this
Food Chain Restaurant

03 MAR 20221146

Hi Jack, please join us for a delictious burger while you're at Square One Mall and enjoy 20% off your food bill

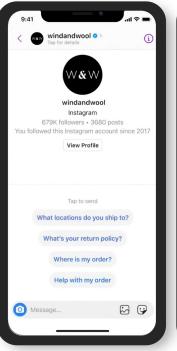
Exclusive 20% off food

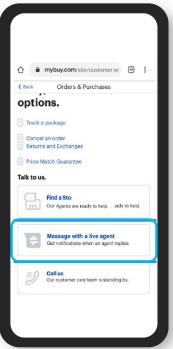
VALID ONLY OMMARCH 8, 2022 present this message to your enere or download the voucher and enjoy 20% off your food bill.

burgeryys.com

Download voucher







Easy to discover

Secure and verified

Understand engagement

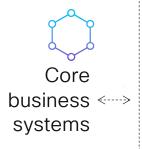
Tap not text

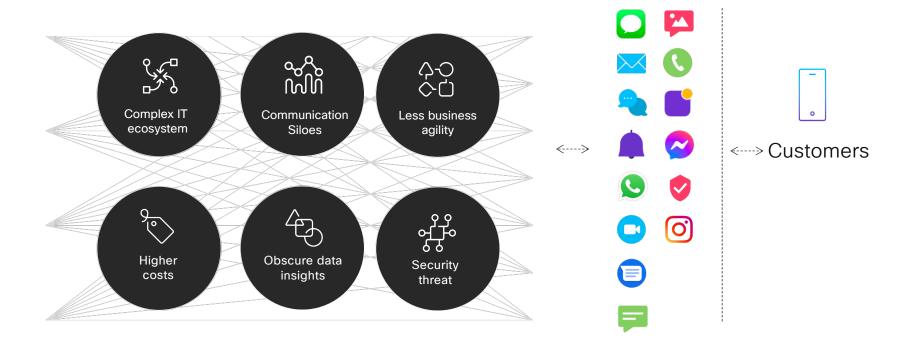
Persistent Agent Chat





Webex Connect: Helping business navigate multiple challenges

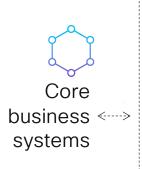


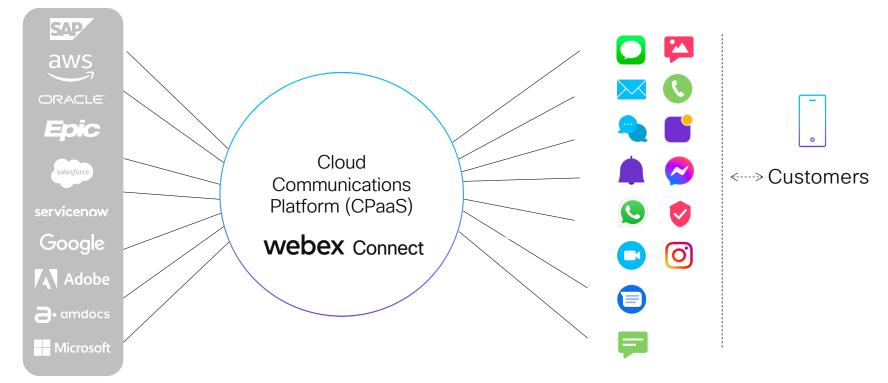






Webex Connect: A centralized CPaaS platform for the enterprise

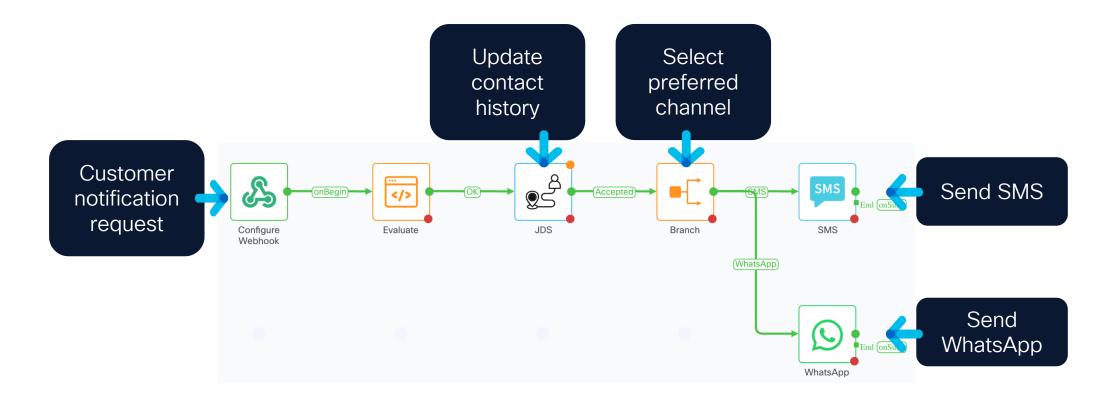








Low-code / No-code Approach Customer notification example



WebexCC Al

Self-service

- Virtual agents
- Chat bots
- Voice biometrics

Agent effectiveness

- Call transcription
- Summarization
- Agent Answers
- Supervisor monitoring

Analytics & insights

- Topic analysis
- Topic trends
- Agent quality monitoring



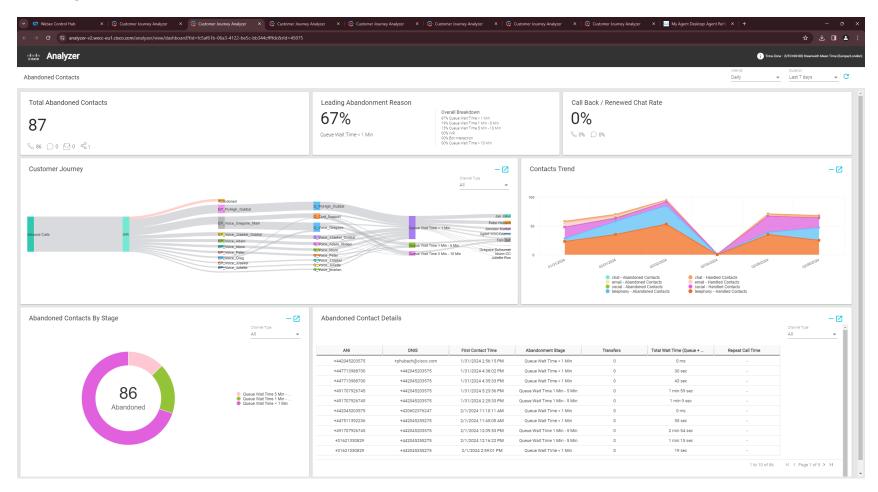


Universal Harness

Webex Platform



Analytics



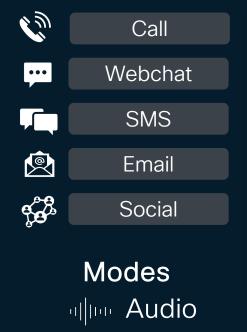
Journey to an Al Powered Contact Center



#CiscoLive

BRKCCT-2030

Omnichannel Contact Centers



Text









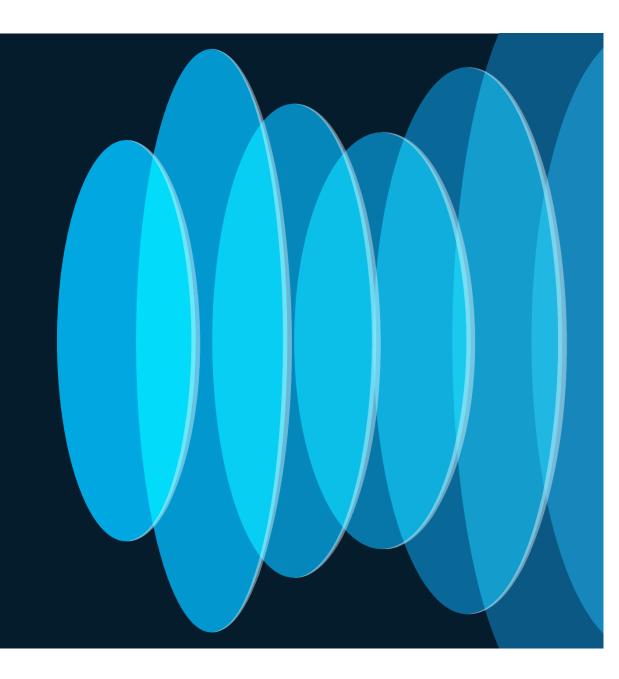
RECORDINGS & TRANSCRIPTS



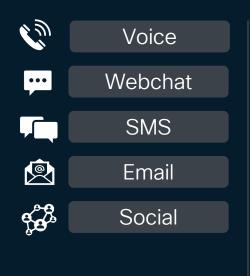
REPORTING & DATA INSIGHTS



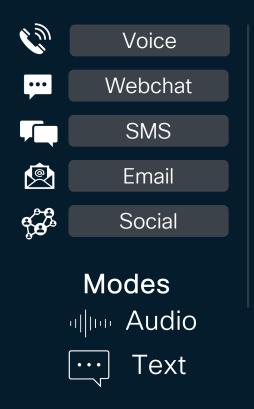
Journey to an Al-powered Contact Center



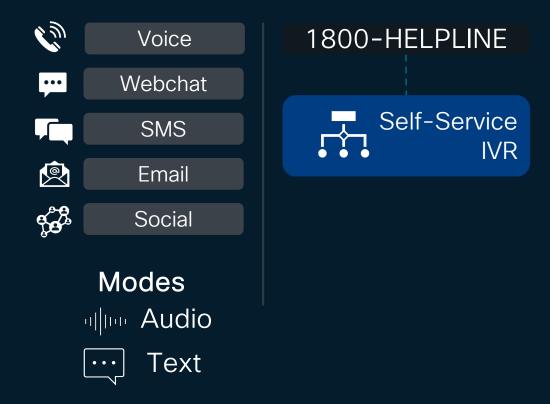
cisco live!



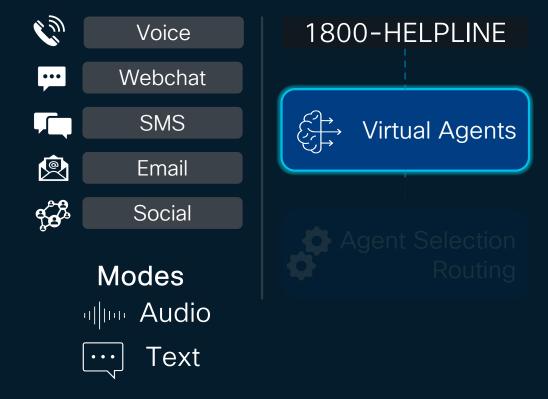




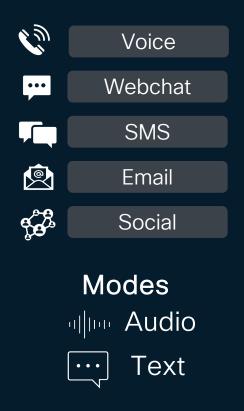


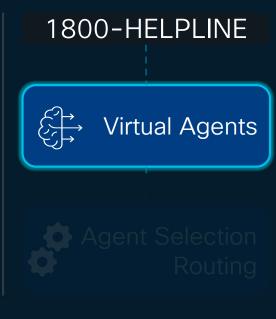






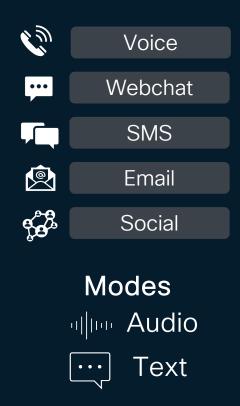




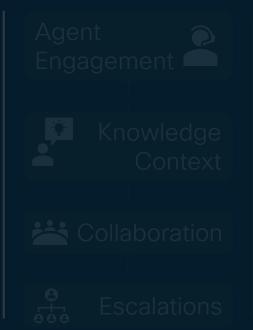


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Increase Containment Increase Scale High Value for Humans Improve Efficiencies

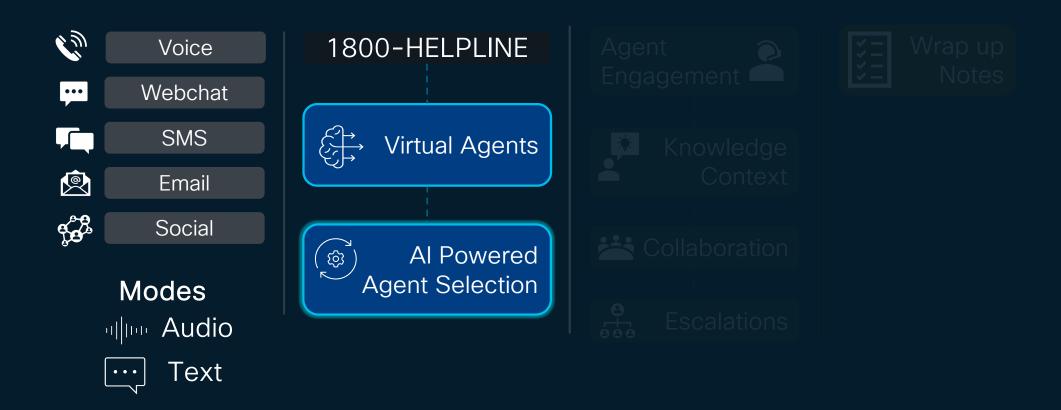






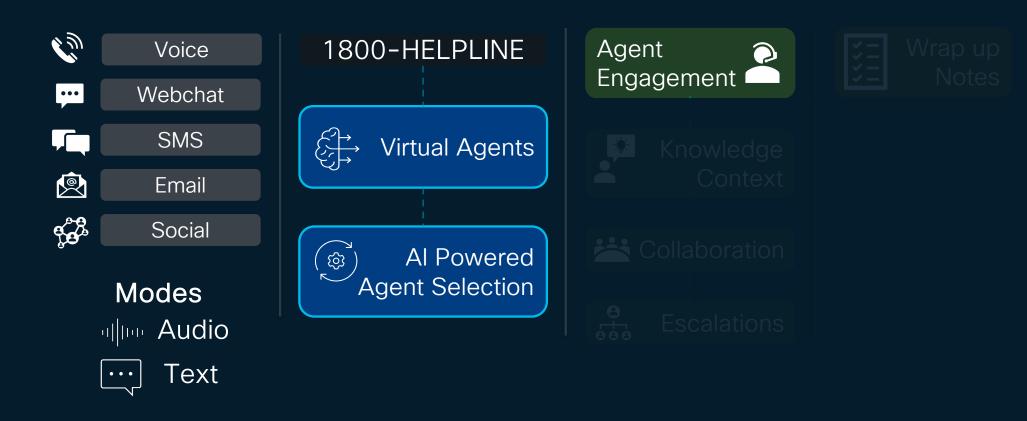


Omnichannel Contact Centers

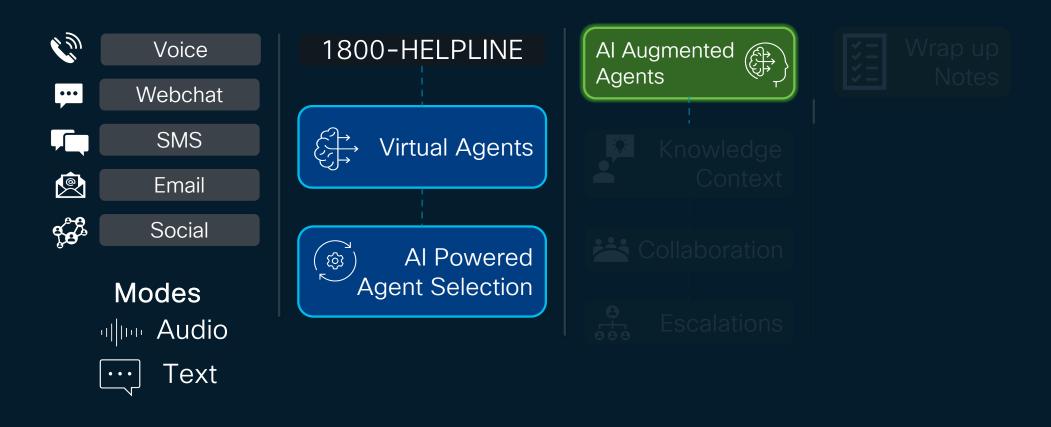


#CiscoLive

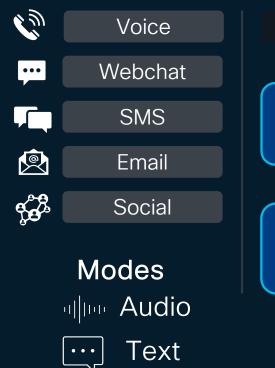






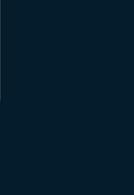


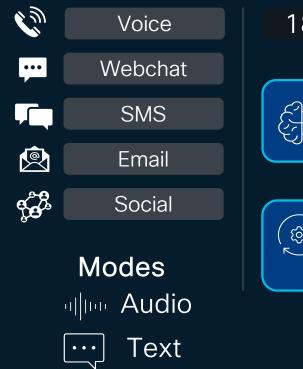


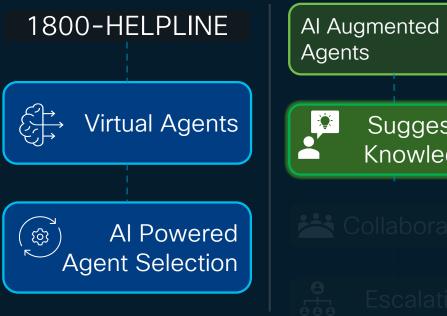


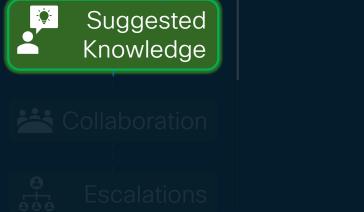


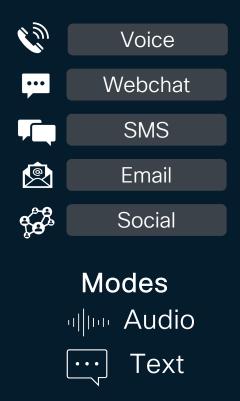


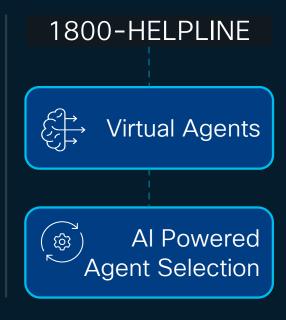






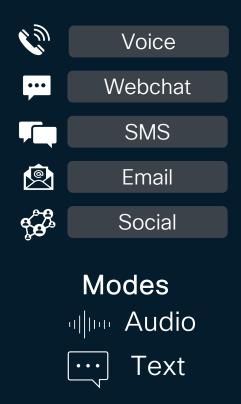








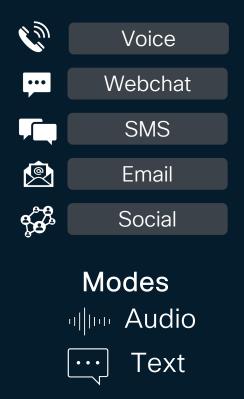








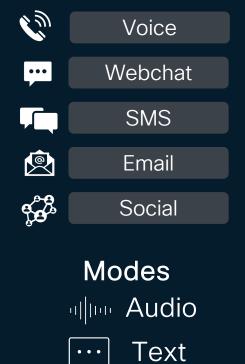














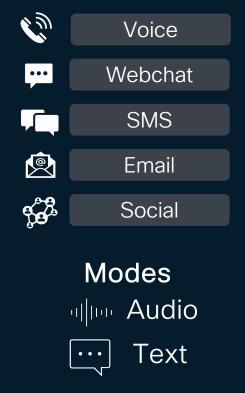


















AI POWERED **TOPIC ANALYSIS AUTOMATION INSIGHTS**

