## Webex Calling, Where do I begin?

Getting started with Webex Calling fast.....

Justin Jordan, Senior Product Manager @justincollab BRKCOL-2065

#### Cisco Webex App

#### **Questions?**

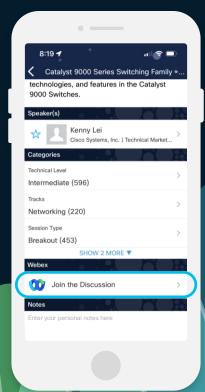
Use Cisco Webex App to chat with the speaker after the session

#### How

- 1 Find this session in the Cisco Live Mobile App
- Click "Join the Discussion"
- 3 Install the Webex App or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until June 7, 2024.

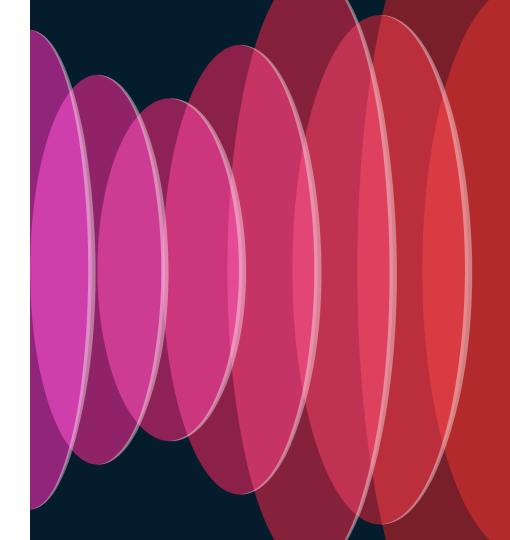
https://ciscolive.ciscoevents.com/ciscolivebot/#BRKCOL-2065





## Join us on Slido



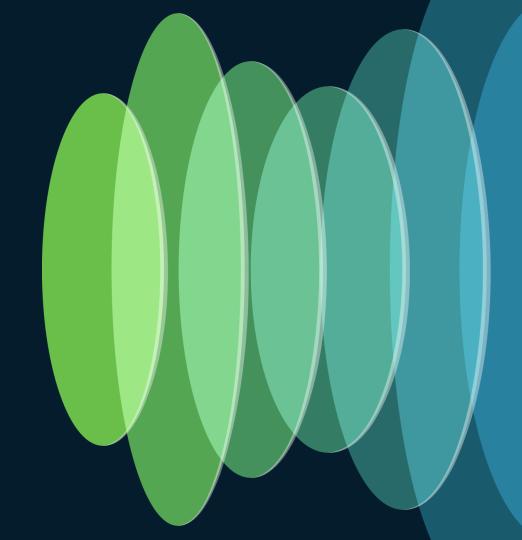


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- Let's make some decisions-
- Initial Setup, IDP and SSO
- PSTN Choices and Setup
- User creation
- Devices, Devices
- Long term care with Analytics and Troubleshooting

Making the right Decisions – Planning for Success



#### What planning do we need to decide on?

- How is the locations going to be logically setup?
  - All in one country? Many Countries?
  - Integrated into legacy premise-based platforms?
- What type of PSTN will we be using, by location?
- Do we have a single directory, SSO/IDP platform to use? Will it support Webex Single Sign on? Multiple IDP needed?
- Devices Cisco only? Third Party?
- Migrating from a Cisco Communications Manager?
- Locations in the US/Canada? How do we meet 911 regulations.



#### What planning do we need to decide on?

- Using Hunt Group's or UCCX?
  - How is UCCX Used? IVR? Simple Contact Center? Agent/Supervisor needs?
- Webex App Transition done? Still on Jabber?
  - Cloud Connected UC deployed?
  - Jabber using Control Hub capabilities?
- Third Party Applications?
  - CDR or Analytic Applications?
  - Paging (Cisco Paging Server, Singlewire, SynApps, IPCelerate?)
  - Other Applications that use CTI or Trunking for Integration?
  - Attendant Console?



#### Flexible PSTN options

Cisco Calling Plans

19 countries with more coming soon

Cloud Connected PSTN

65+ countries Cisco-certified providers

Local gateway
117+ countries BYOC



https://help.webex.com/en-us/article/nousk9ab/Get-Started-with-the-Cisco-Calling-Planhttps://www.webex.com/products/calling-global-availability.html

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## **PSTN** Options for Webex Calling

#### Premises PSTN

Available in 110+ countries

Continue using your existing provider

Support remote branch offices

Manage phone numbers in Control Hub

#### Cisco Calling Plans Cloud Connect for (Cisco PSTN)

Available in the U.S., Canada, Europe, Australia

Single offer through Cisco and our partners

Fully integrated and managed from Control Hub

# Webex Calling

Available in over 65 countries

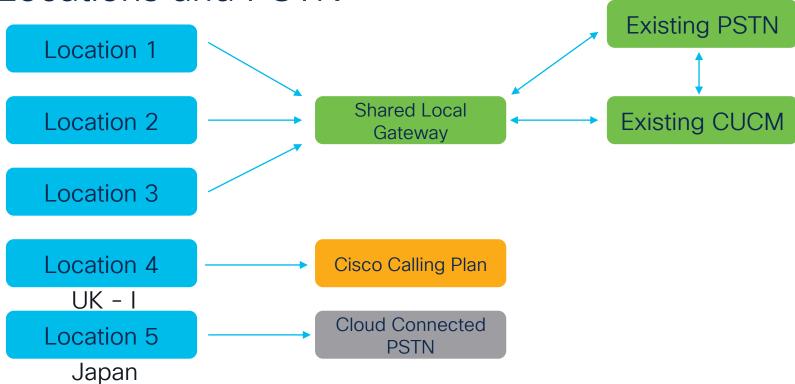
Select from multiple world-class Cisco-certified providers

Choose providers on a site-by-site basis

Manage numbers in Control Hub



#### **Locations and PSTN**





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#### Premises PSTN and PBX interconnect

#### Trunks

Represents a single SIP trunk to an on-premises device. Device can be registering (CUBE) or certificate based (CUBE + 3<sup>rd</sup> party) trunk

Must be assigned to a location. If used for PSTN the country dial plan is based on location address.

Can be included in one or more route groups or can be directly associated to a dial plan.

#### Route groups

Logical grouping of trunks (max. 10) for scale and redundancy of connections to the premises

Does not "live" in a location

#### Dial Plans

Dial plans allow you to route calls to on-premises destinations by use of trunks or route groups.

Specifies the routing choice (trunk or route group) for calls that match any of its dial patterns.

Dial pattern represents <u>on-premises</u> <u>extensions</u>; ESN/on-net numbers, +E.164 patterns, SIP URI domains.

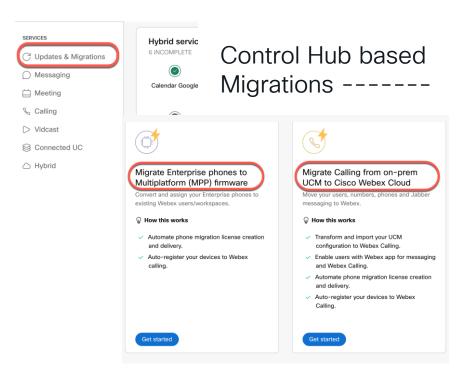


## Users, identity and Single Sign On

- If you are going to use SSO (which we STRONGLY suggest) do it first-
- Simple support for cloud based SSO platforms like Azure AD, Google G-Suite, Okta, Duo ETC
- Claim and Verify your Domain
- If you have another Webex Control Hub, Delegate that account as a Delegated Admin as a backup plan
- Cisco Live Virtual Presentation from 22 on how to integrate Microsoft or Google from yours truly....... https://www.ciscolive.com/on-demand/on-demand
  - library.html?search=justin%20jordan#/session/165501159970100183hE



### Migration Options



#### Cloud Connected UC Process

Deploy Cisco Cloud Connected UC from the Control Hub to CUCM 12.5/14/15



Control Hub Communicates with CUCM- initiates the Upgrade Process per phone selected

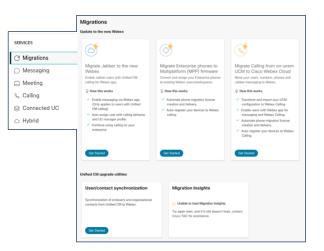


Converts Phone to MPP – Assigns to User – Adds License for MPP Migration in one step!

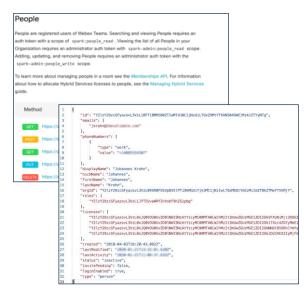


## Methods Supporting Migrations and Beyond

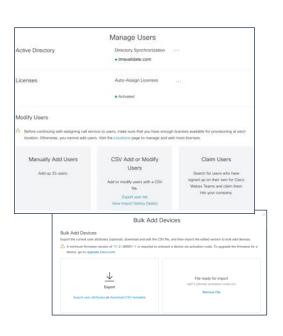
#### **Control Hub Tools**



#### Webex APIs

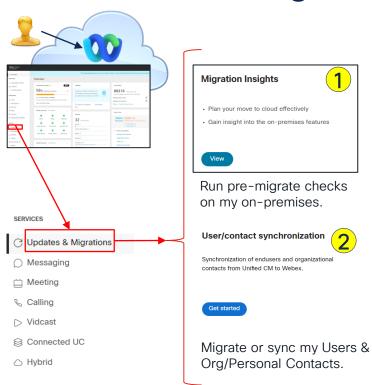


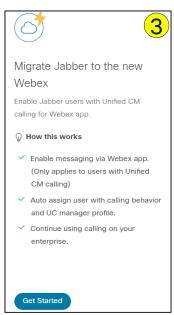
#### Control Hub Manual / Batch





### Control Hub migration tools

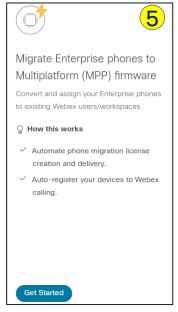




Change softclients & messaging to Webex (calling stays UCM).



Change calling, messaging and softclients to Webex.
Migrate UCM users, devices, locations, numbers.

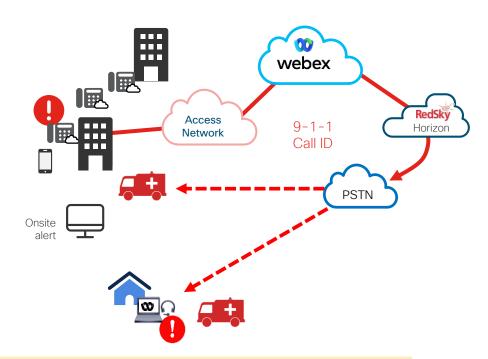


Change phone firmware to Webex with less screens, clicks & time.



#### Nomadic E911 for US/Canada Locations

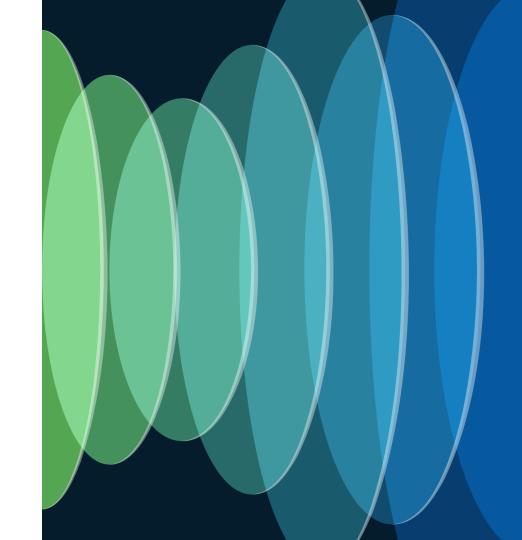
- Cloud-based location discovery, routing and notification services
- Nomadic F911 service included for US based Webex® Calling customers
  - Canada coverage provided via Solution+
  - Non-US/Canada locations to use PSTN for emergency calling
- Simplified service enrollment via Control Hub
- Emergency call routing provide by Webex Calling
- Designed to meet federal and state requirements
- Track mobile clients both on and off-premises



Set up emergency call settings for US locations in your organization to meet the requirements defined for your state and federal regulations.

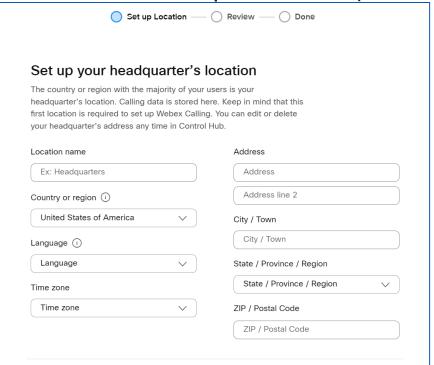


Calling Basics – Location and Simple PSTN



#### Headquarters' Location - First Time Setup Wizard (FTSW)

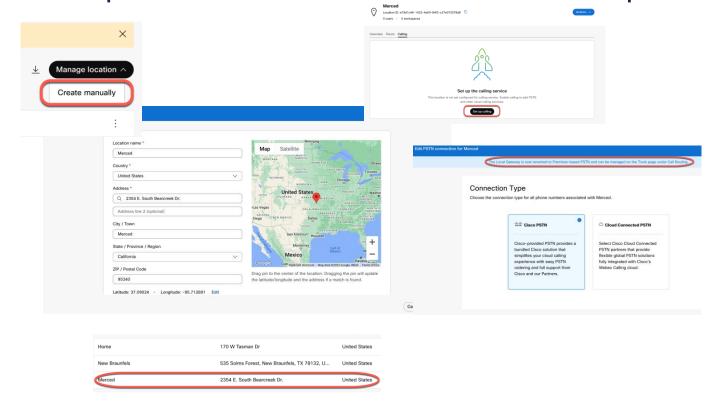
- Required When a new Webex Calling Org is created, a first location is required to set up Webex Calling for customer use.
- Based off the country of the Location, this will define the regional platform used, "Home region".
- All call signaling traffic is routed to this Home Region as well as the calling data is stored here. Media is supported globally with regional SBCs.
- It is highly recommended that the country or region with the majority of your users should be defined as your headquarters' location.
- You can edit or delete your headquarters' address any time in Control Hub. This changes will always be reflected by all Location dependent objects (e.g. Users).



The country of the headquarters' location or the regional platform cannot be changed after creation.

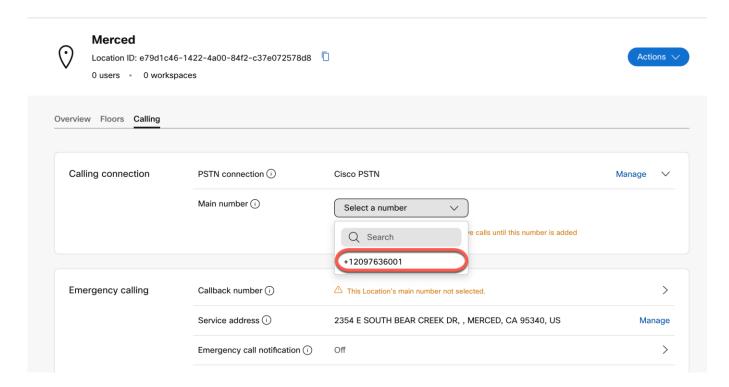


Steps to Success - Location Setup





## Always add your Main Number!!!!





### Webex common identity

- Single identity across all Webex services
- Identity sync from premises to cloud
  - · Agent install on Active directory
  - Authentication and authorization for all Webex services
  - · Single-sign on across all Webex services
- Delegated authentication from cloud to premises
  - · The customer owns the authentication policy





## User Options and Best Practices

- Directory creation and integration options with SCIM?
- Creation via CSV import File?
- Good ole standard, one at a time!
- Define as much as you can via a template or the CSV file
- Edit in bulk if needs arise via CSV.
- Plan to win, if you delete, the data is gone, so plan accordingly



## Integrated devices for Webex Calling



 $For more \ details \ on \ support \ and \ integration, \ visit: \ \underline{Supported \ Devices \ for \ Webex \ Calling} \ and \ \underline{3rd \ party \ device \ supported}.$ 

#### Device Management Options

#### **Fully Managed**

#### **Un-Managed**

Cisco Managed Poly / Yealink Managed Partner Managed Customer Managed

**Full Native** Customization **Basic Customization** 

Customize via DM Vendor

Generic SIP Devices

Basic Features Advanced Features Cisco Managed **Phones** Configure Device Settinas Lines Lavouts /



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**API Bulk Support** 

No Bulk options

Better Support Capability by Cisco

More Effort Required by Partner/Customer



#### Partner Managed - Fills a DM Gap

1

<u>Certify device using Tekvizion</u> – (Handled by Device Vendor) – Expand the basic Tekvizion certification for 3rd Party Devices to include all necessary Webex Calling Cloud testing

Device Management **NEW** Customer Partner Managed Managed Managed Devices Normal DM **MPP** PM Phone & Poly / Yealink Generic SIP Process using PM Gateway Full Custom **MTLS 1.2** No Custom

Provision as Partner Managed Devices –
Uses a single default DTAF that generates a
device information file that can be used by
DM Vendors to build working device
configurations

<u>Customize via DM Provider</u> – DM Provider requests information for devices via the standard DM process. Uses to build device configuration files to be used by devices.

Tekvizion
Certification

DM Vendor

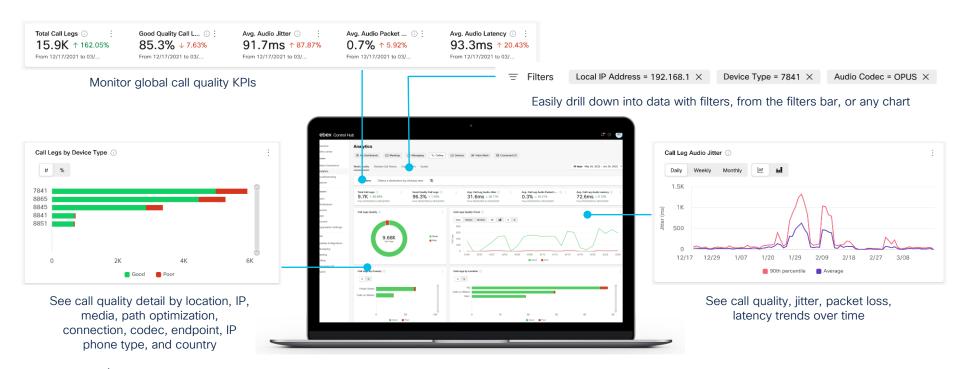
Build
Custom Configs



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#### Calling Analytics Overview

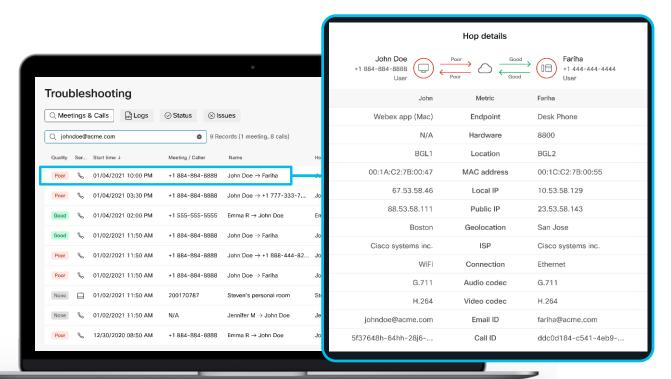
Provide a consistent, high quality calling experience across your organization





## Call quality troubleshooting

Quickly identify and resolve call quality issues

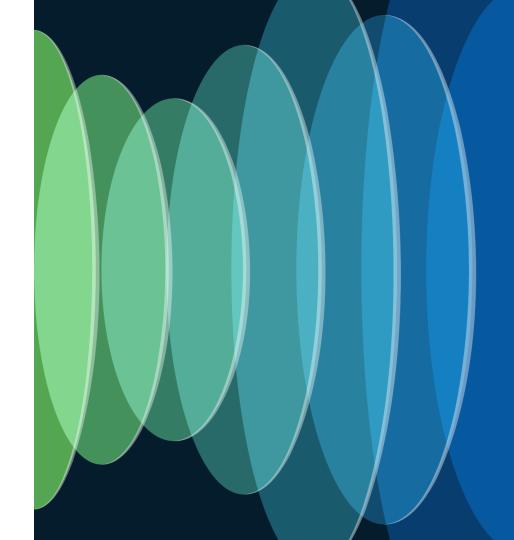


Troubleshooting tool provides admins with:

- Capability to find calls with poor-call quality
- both sides of the call and the network in between

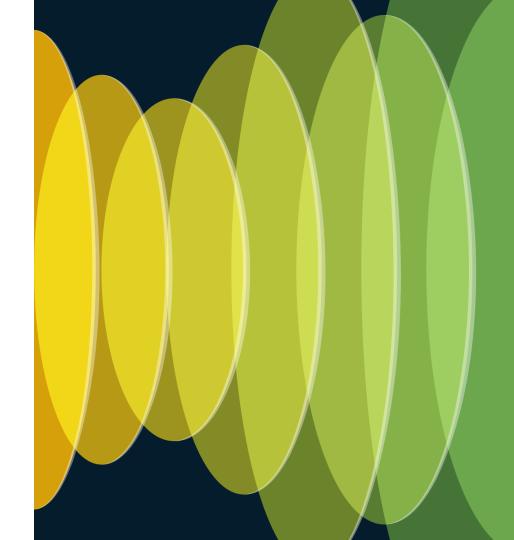


Analytics/ Troubleshooting Demo



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Customer Experience and Attendant Console



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#### Webex Customer Experience Essentials

An offer to fill the gap between calling and contact center



#### Webex Customer Experience Essentials

The Webex Customer Experience Essentials offer targets customers who need a starting point for their contact center needs. It is a functional, contact center offering that will serve the needs of agents and supervisors with dedicated functionality available in the Webex App.

For customer-facing teams of any size

Webex Customer Experience Basic plus:

Supervisor experience

Agent screen pops

Operational reports

Voice at launch

Omnichannel (H2 CY24)

Curtesy Callback

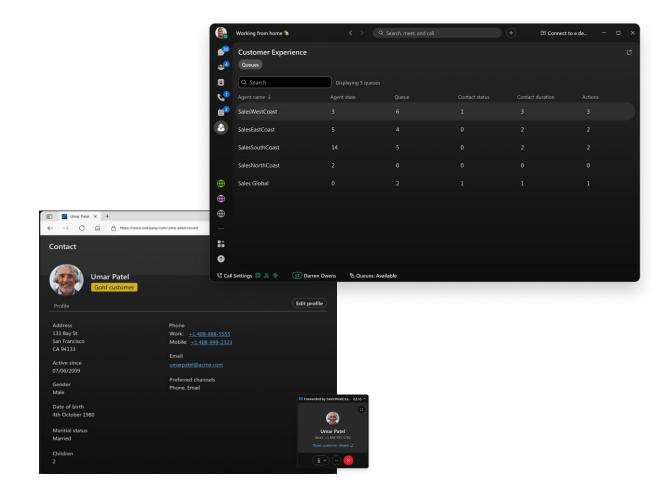
Includes Webex Calling Professional License



Webex Customer Experience Essentials

# Agent Experience

- Familiar Webex App as agent experience
- Set availability and join/unjoin from call queues
- Realtime views of call queues they are part of
- Screen pop for call queue calls

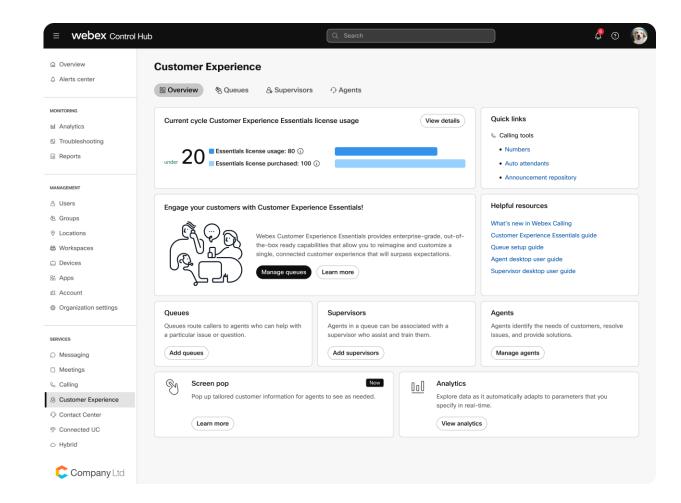




#### Webex Customer Experience Essentials

#### Administrator Experience

- Administer Webex
   Customer Experience
   from Webex Control Hub
- Key details at a glance
- Manage call queues, supervisors and agents
- Access call queue analytics

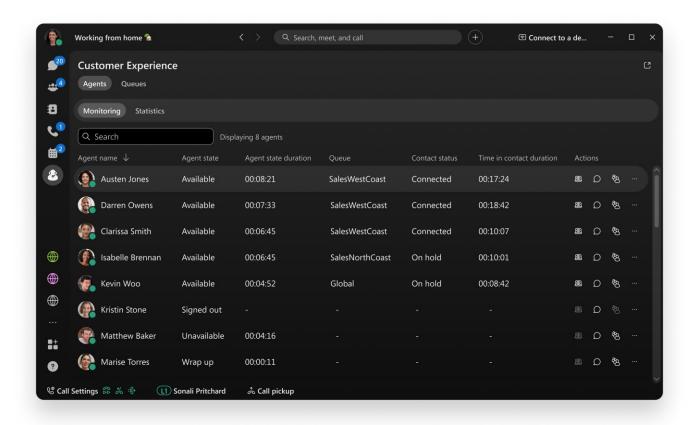




#### Webex Customer Experience Essentials

### Supervisor Experience

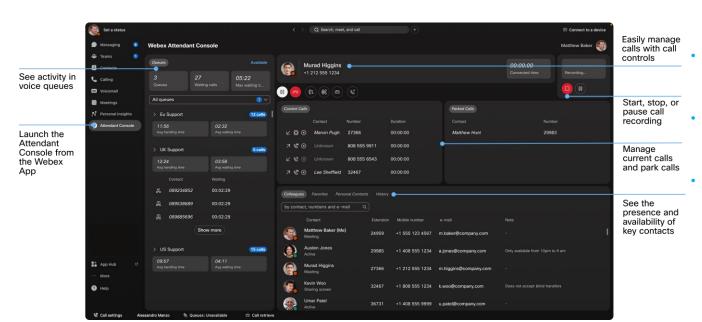
- Manage agents from within the Webex App
- Access to real time and historical data on agents and queues
- Manage availability of agents and join/unjoin status
- Silent monitor agent(s)





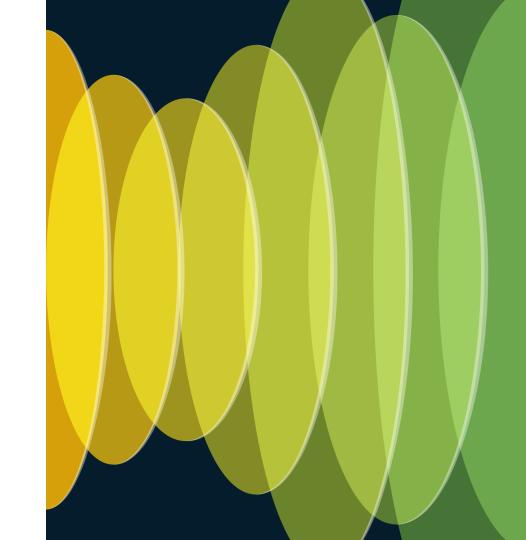
#### Webex Attendant Console

Modern, feature rich console to replace the legacy Receptionist Client



- Improve productivity of receptionists, operators, attendants
- Integrated into the Webex App or accessible in a browser
- Support for Call Queues, Presence, Call Park, Speed Dial and more for efficient call routing

## Conclusions/ Questions



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#### Complete Your Session Evaluations



Complete a minimum of 4 session surveys and the Overall Event Survey to be entered in a drawing to win 1 of 5 full conference passes to Cisco Live 2025.



**Earn 100 points** per survey completed and compete on the Cisco Live Challenge leaderboard.



Level up and earn exclusive prizes!



Complete your surveys in the Cisco Live mobile app.



# Continue your education

- Visit the Cisco Showcase for related demos
- Book your one-on-one Meet the Engineer meeting
- Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs
- Visit the On-Demand Library for more sessions at www.CiscoLive.com/on-demand

Contact me at: Webex app justjord@cisco.com



## Thank you

