

Webex Contact Center - Al Powered Routing to Enhance Customer Experience

Elevating human connection with Al

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BRKCCT - 2009





- Introduction
- Webex Customer Experience Portfolio
- Webex Contact Center Routing capabilities
 - Inbound routing
 - Outbound capabilities
 - Additional features
- Webex Contact Center Al Routing
 - Predicted Estimated Wait Time using Machine Learning
 - Al based Agent Recommendations
- Conclusion

Webex App

Questions?

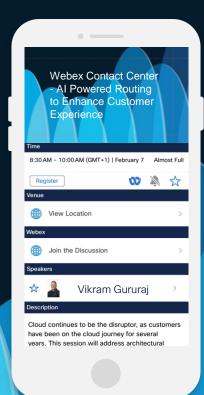
Use the Webex app to chat with the speaker after the session

How

- 1 Find this session in the Cisco Events mobile app BRKCCT-2009
- 2 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 February 28, 2025.





Today's customer experiences fall short of expectations

54%

Having to re-tell my issue multiple times.¹

48%

Call Transfers.¹

53%

Customers put On-Hold

31%

Voice Bots are not intelligent enough.¹



¹¹ The changing expectations of customer experience, The Futurum Group, February 2024.



Great experience is easier said than done

- Customer Satisfaction is declining
- Agents are struggling
- Siloed technology & systems



What do it take to fix it?



Self-service that is more human, proactive and effective



Expert live agents for every situation



Real-time automation and orchestration

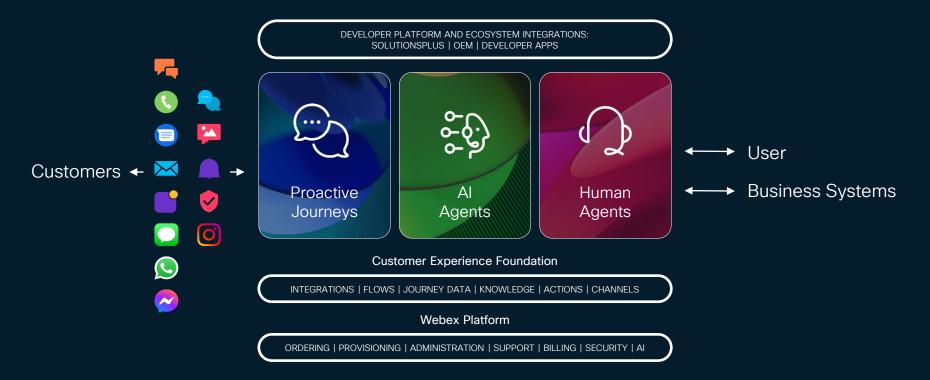


Webex Customer Experience Portfolio





Webex Customer Experience Portfolio





Webex Customer Experience Portfolio





Proactive Journeys

Event triggered journeys

- Two-way real-time conversations
- 1:1 personalized communications
- Enabling messaging at scale



Scheduled broadcasts

- Outbound voice
- 1:many communications
- Human initiated



Webex Customer Experience Portfolio





Al front door for contact centers

Rising & evolving demand

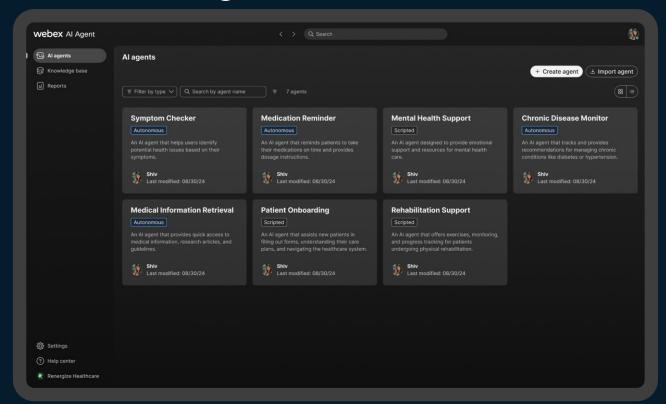


Customers



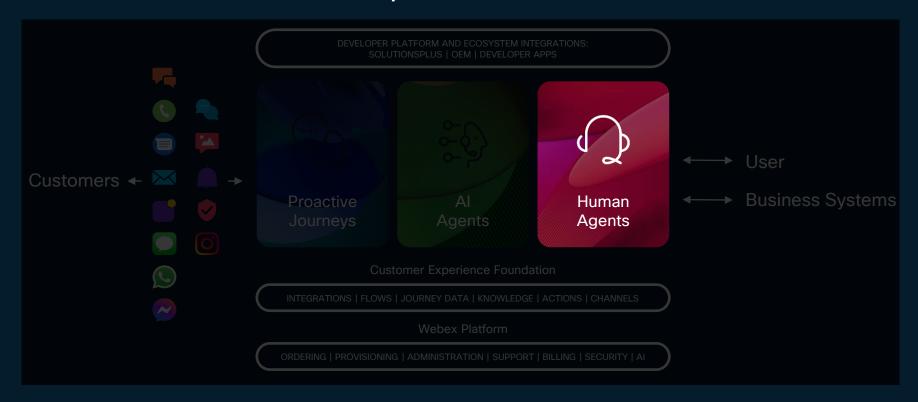
GA Q1 2025

Webex Al Agent





Webex Customer Experience Portfolio





Webex Contact Center Routing Capabilities



Inbound Routing



Webex Contact Center Routing - Inbound

Queue Configuration Routing Algorithms + Agents Agent based routing Small contact Center (w/o teams) (Help desk, Technical Support) Longest Available Agent + Teams Flow Preferred Agent routing Queue Control + Skills to contact Skill based routing Mid / Enterprise contact center (Specialized support, Collections Management, Healthcare, Logistics) + Skills to queue



Longest Available Agent

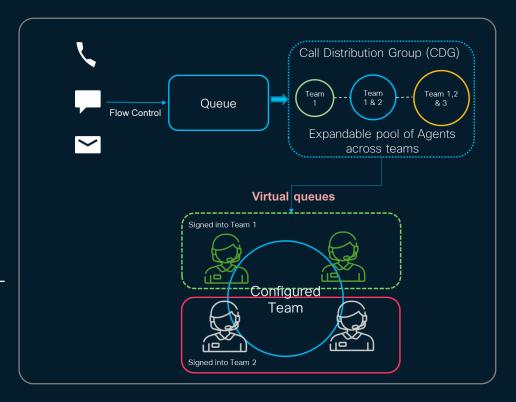
Reduce Customer Wait Times

Provides Expandable pool of Agents across teams

This routing algorithm delivers the contact to agent who is Available the longest

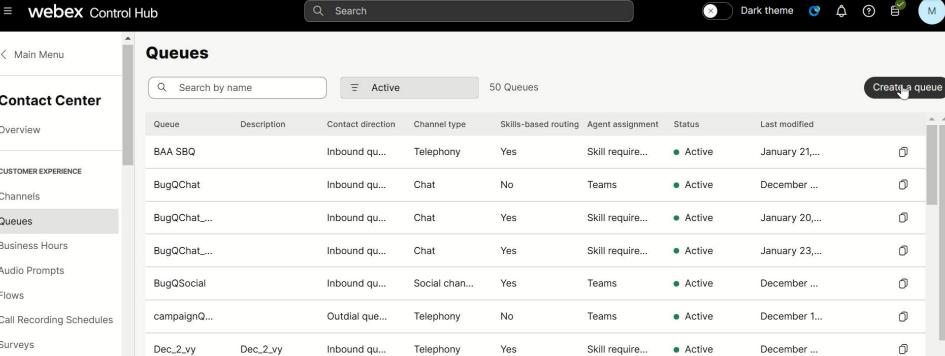
Agents select team into which they want to sign-in.

Provides Estimated Wait Time (EWT), Position in Queue (PiQ), Check Loggedin/ Availability check









DIGITAL SETTINGS

Maniacs-C...

Campaign ...

Outdial que...

O

Active

May 29, 20...

Teams

No

Telephony



Skill based routing: Assign Skills to contact

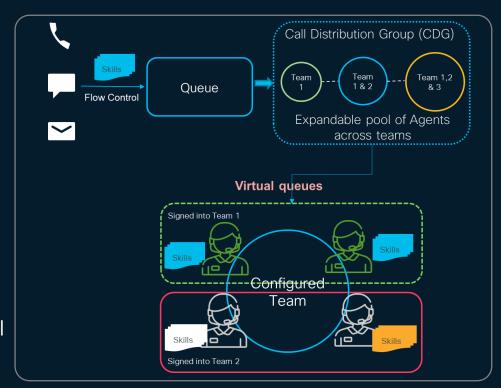
Increase First Call Resolution

Agents acquire skills via skill profile: directly assigned to the agent or inherited from team (during sign-in).

Agent skills are determined based on the team selection during Sign-in.

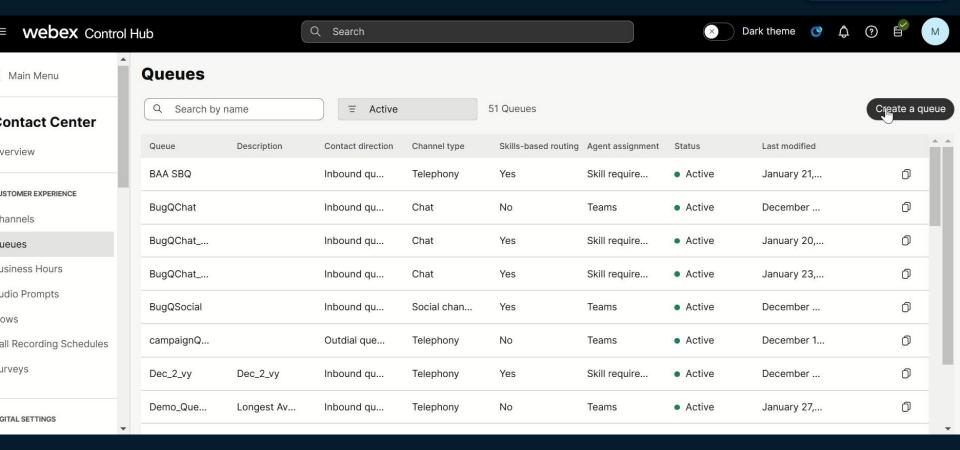
virtual queues gets formed for each skill-requirement of the contacts queued.

Agent matching happens with the skill profile assigned to the team or individual user





Available Today





Skill based routing: Assign Skills to queue

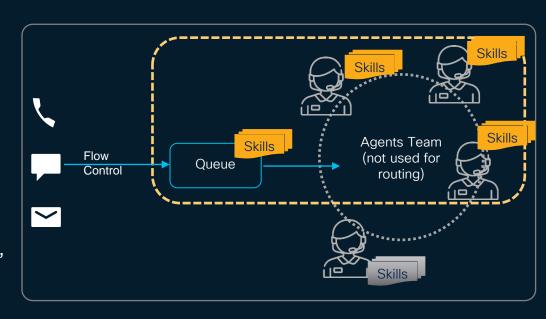
Increase First Call Resolution

Agents acquire skills via skill profile : directly assigned to the agent.

Contact entering a Queue uses skills assigned to the queue.

Agent match happens with the skill profile assigned.

Provides Estimated Wait Time (EWT), Position in Queue (PiQ), Check Logged-in/ Availability check





Create a queue

Configure your new queue General Name * Enter a name Description Enter a description Contact direction * Inbound queue \checkmark You can't change contact direction once the queue is created Channel type * Telephony You can't change channel type once the queue is created Contact routing Skills-based routing * Use skills-based routing for this queue



Create

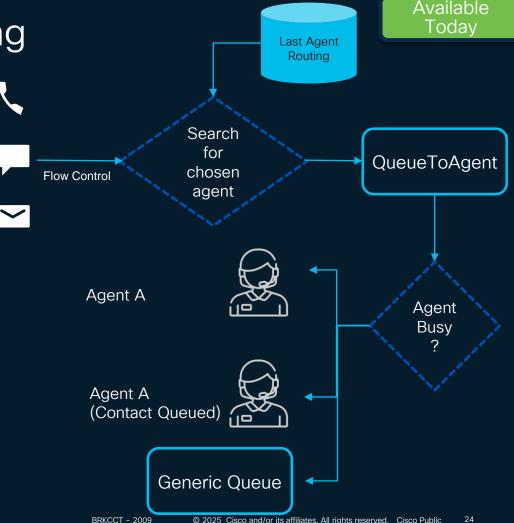
Cancel

Preferred Agent routing

Increase Customer Satisfaction

An ability to route or queue a contact to the preferred agent directly.

If Agent is busy/ Unavailable, then you can queue to an Agent or send it to another queue for next available agent.





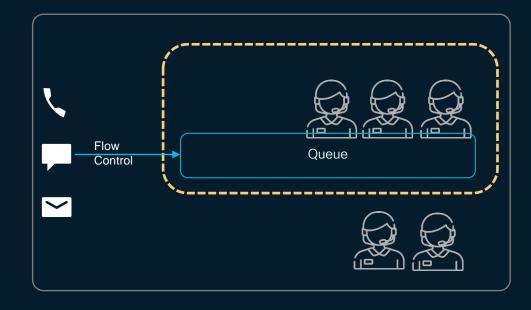
Agent based routing

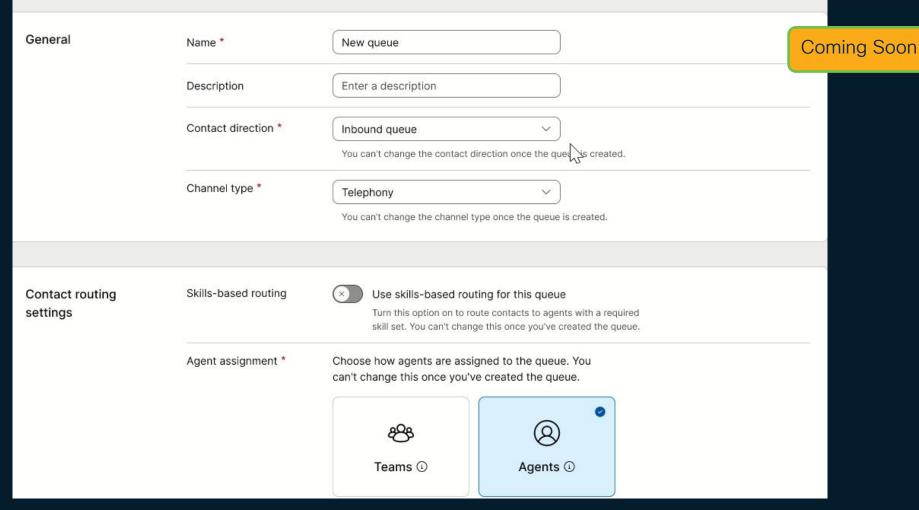
Reduce Customer Wait Times

Agents are directly assigned to the queues.

Contact entering a Queue is assigned to an agent who is Available using the following routing algorithms

- Circular
- Linear
- Longest Available agent





Webex Contact Center Routing - Inbound routing



Longest Available Agent

Small Contact Center (Tech Support, Help Desk)
Reduces Wait Time

- Routes to Longest available agent, associated via teams
- Add Teams to Queue config
- Provides EWT, PIQ, Check Logged-in/ Availability check

Skill based routing

Mid/ Enterprise CC (Tech Support, Help Desk) Increases FCR

- Skills requirements added
 - A contact in flow
 - · Queue in CH config
- Provides PIQ, Check Logged-in/ Availability check

Agent based routing

Small Contact Center (Tech Support, Help Desk) Simplified Administration, Reduce Wait Time

- · Agents added directly to queues
- Provides EWT, PIQ, Check Logged-in/ Availability check

Preferred Agent

Increases Customer Satisfaction

· Send a contact to a preferred Agent



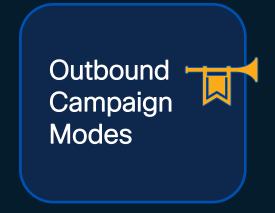
Outbound Capabilities

Maximize Agent Efficiency & reduce abandon rates





Outbound Campaign



Preview

Agents can decide which contact to be dialed.

Predictive (with CPA*)

Automatic dialing while keeping abandon rate in check.

Progressive (with CPA*)

Automatic dialing with focus on reaching out maximum prospects

IVR Campaigns

Automatic dialing with no agents involved and primarily used for notification

*CPA - Call Progress Analysis



Progressive Campaigns

Agent based **Automatic** dialing mode

Call Progress Analysis

Offers Call Progress Analysis (Answering Machine Detection/Voicemail) for every call

Agent Experience

Agents will hear a silence until customer live voice is connected.

Agent will hear a beep tone when customer call leg gets connected

Pacing mode

Pacing mode up to 10

Report

A new progressive report available in the Analyzer. Available in Historical & Real Time



Predictive Campaigns

Agent based Automatic dialing mode

Predictive Algorithm

Predictive algorithm which calculates the lines to dial per agent based on a configured abandon rate

Pacing mode

Pacing mode up to 10

Call Progress Analysis

Offers Call Progress Analysis (Answering Machine Detection/Voicemail) for every call

Report

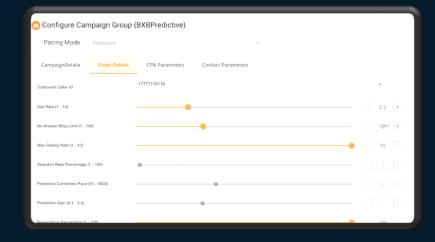
Data to be presented in Progressive and Predictive campaign report. Available in Historical & Real Time



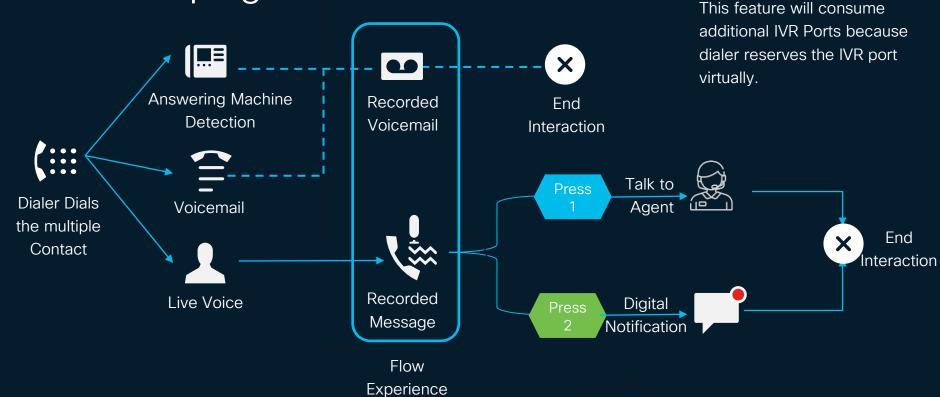
Call Progress Analysis

Admin Experience

- Simple & Intuitive
- Dial Rate(1-10) Define dial rate for dialing
- Max Dial Rate Max dial rate to achieve configure abandon rate
- Abandon Rate Define abandon rate for the campaign
- Predictive Correction Pace size of number of voice calls that a major correction is taken to the predictive calls to be dialed.
- Predictive Gain Multiplier on how rapidly it moves upward or downward.



IVR Campaigns



Additional features



Additional Features

Available Today

- Reset "Longest Available" Agent status once a contact is received
- Rank Queues
- Allow outdial on all Multimedia Profiles
- 1:1 Progressive to show configured flow variables
- Agent Email Id output variable for events

Coming Soon

- Implicit Dequeue on Bridge transfer: Q1CY' 25
- Remove skills on Blind transfer to queue: Q1CY'25
- Variable support for skill names in all queue activities: Q1CY' 25
- Tighter WXC-WXCC integration to reduce RONA: Q2CY' 25
- Granular Agent state control: Q2CY' 25
- Schedule & Personal Call backs: Q3CY' 25

Webex Contact Center Al Routing

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11 The changing expectations of customer experience, The Futurum Group, February 2024.



Need for AI in routing

Achieving Business Outcomes is easier said than done Rigid & Static Configuration

High touch administration

Long Feedback loops

Limited Intelligent routing



Our blueprint for the Al Routing in Webex Contact center



Personalized customer experiences



Multi dimensional, Dynamic



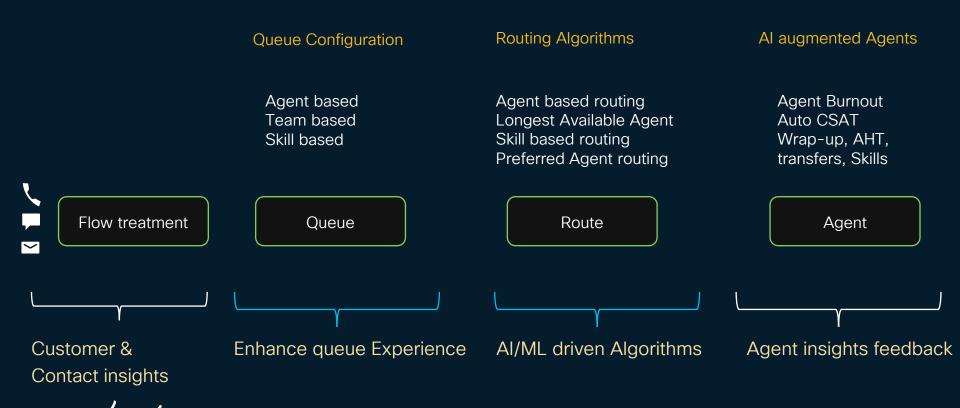
Improved business outcomes



AI-POWERED WEBEX PLATFORM



Al in Routing & Queueing



Predicting Estimated Wait Time using Machine Learning

Enhance queue Experience



BETA 02 CY 2025

Predicted Estimated Wait Time

Limitation

- Uses Simple statistical method & cannot capture non-linear data
- Arrival rates, channel type, skills, time of day etc. not considered.
- Plain averages can miss important variations

Solution

- Use ML models
- Considers Queue details, date time & seasonality, Position in Queue, #agents in a queue, Skills of a contact & Average Handle Time
- **Ensures Consistency & Accuracy** •

Outcomes



Customer Experience

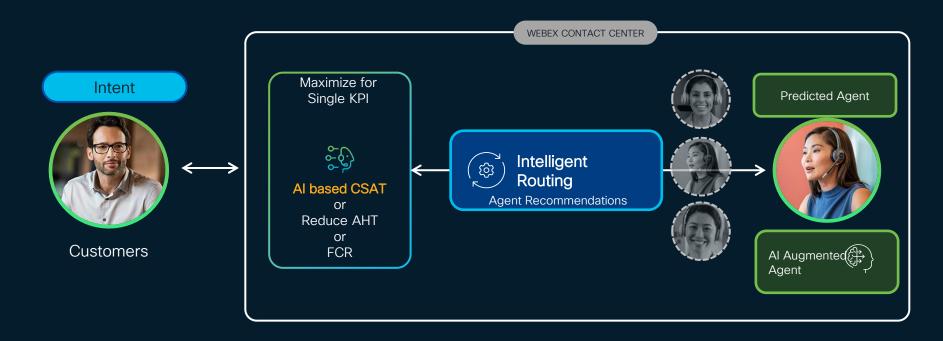


Al based Agent Recommendations



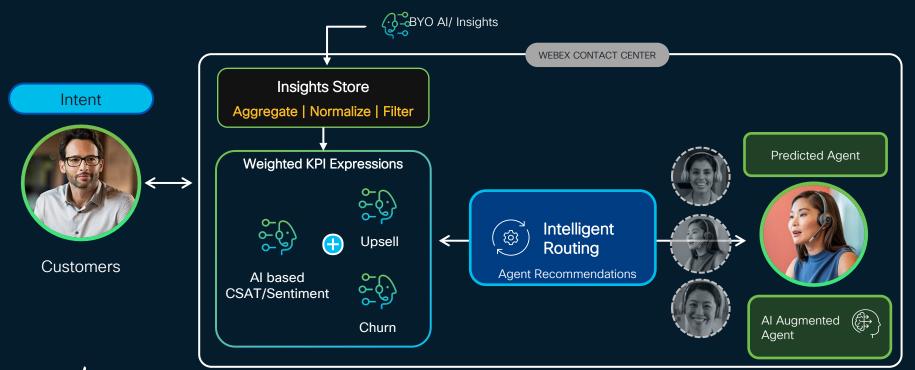
KPI Routing using Webex Al

Maximize Outcome - Reduce AHT / Increase CSAT



Weighted KPI routing using Webex Al

Maximize Outcome using host of Weighted KPIs



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Conclusion





Webex Customer Experience

















Proactive Journeys

ΑI Agents **Omnichannel** Routing

ΑI Assistant

Human Agents Automation & Orchestration Reporting & **Analytics**

Quality & Performance

AI-POWERED PLATFORM

Enables our customers to deliver great experiences to their customers.

Orchestrates customer journeys, enables automation, fulfils customer intents and enhances agent productivity.

Built on Webex platform and technologies that are secure and scalable.



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Thank you



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(from 11:30 on Thursday, while supplies last)





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