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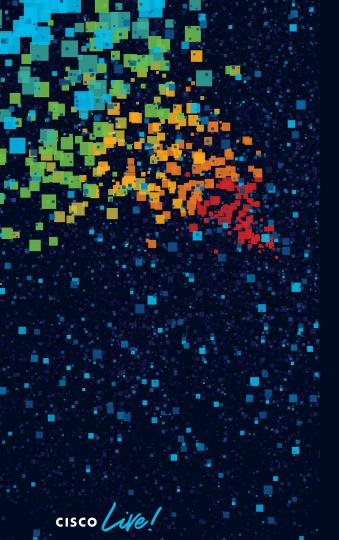
Webex Contact Center Enterprise

Cloud Contact Center for the Large Enterprise

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DGTL-BRKCCT-1016



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Agenda

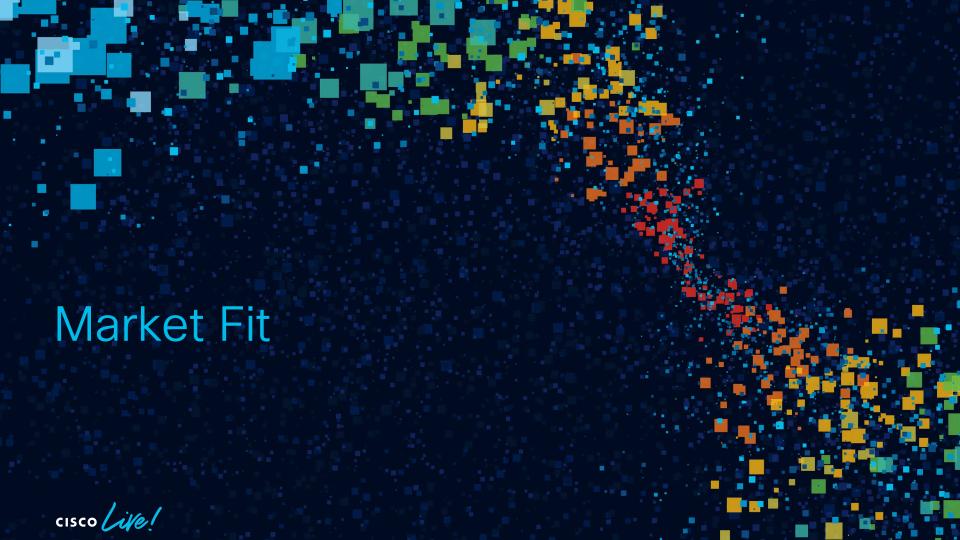
- Market Fit
- Functional Overview
- Administration portal demo
- Support and access to tools
- Customer Onboarding
- Architecture
- Connectivity
- Migrations from On-Prem
- Security Considerations
- Pricing Details

Session 1

Session 2

Session 3

Session 4





CCE On-Premises customer sentiment

"What we like about CCE"

Single queue across all channels

Customized desktop, IVR, and routing rules

Deep feature set, Cisco TAC

Proven flexibility, reliability, scalability

Reputation – on time/on budget deployments

"What we'd like to see"

- Reduced time required for patching/upgrading
- Easier ability to find and fix issues
- Role-based access control
- Ability to consume cloud services
- Cisco direct high end cloud solution



Moving to cloud introduces its own challenges...

Business Interruption



- Grass is greener problem
- Interruption is inevitable with different systems

Wheel Re-invention



- Re-write routing
- Re-write desktop customization
- Re-writing IVR
- Re-do reporting

1 Step Forward...2 Back



- Catching up to where you were
- New set of problems

A seamless path from CCE to Webex CCE

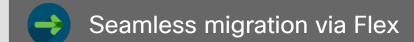














Large contact
centers described
common
challenges to us



Only 9% of large contact centers over 50 agents are currently cloud-based



Barriers described:

- scale limitations
- limited feature sets
- security concerns
- painful transition
- brand



A unique new approach to cloud delivery

Multi-Instance for Control



Core Automatic Call Distribution (ACD)

Calling and voicemail

Integrated voice portal

Agent and supervisor desktops

APIs

Reporting

Multi-Tenant for Velocity



Omnichannel

Webex Experience Management

Workforce Optimization (WFO)

Al Agent Assistance

Conversational Al

CRM Connectors

Single pane of glass administration portal



Webex Contact Center Enterprise Global Reach



8 Global Data Centers

North America: Denver, Austin Europe: London, Amsterdam Asia: Singapore, Hong Kong Australia: Sydney, St. Leonards



- Austria
- Belgium
- Bulgaria Croatia
- Cyprus Czech Republic
- Denmark
- Estonia

- Finland
- France Germany
- Greece Hungary
- Ireland Italy
- Latvia Romania

Lithuania

Netherlands

Malta

Norway

- Slovakia Luxemboura
 - Slovenia
 - Spain
 - Sweden Switzerland
- Poland United Kingdom Portugal



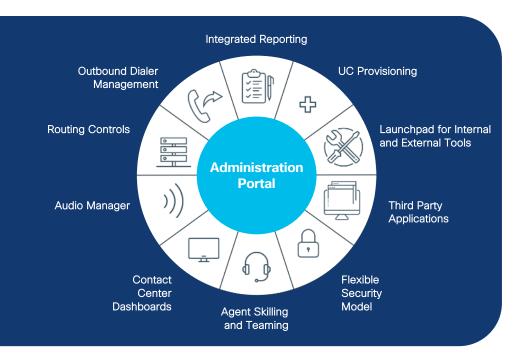
NOTE: Subject to Change *Asia locations currently pending regulatory approvals Additional geographies planned for future phases

New all-in-one Admin Portal for greater efficiency

Role-based access control to for business user access

Allows real-time adjustments for proactive operational efficiency

Enables quick and easy access to tools from a single interface

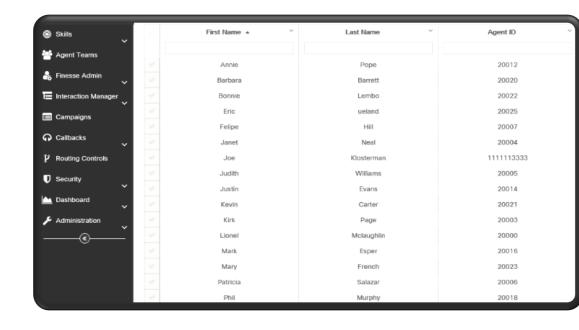




Administration Portal

Feature Improvements vs. Legacy CCE Admin

- Mobile version
- Role-based access control
- Audit trail
- Departmental segmentation
- Bulk upload of users
- Ability to clone users
- Single administration portal for all solution elements
- Advanced re-skilling features
- Single Sign-On (SSO)
- Admin API







What to expect

- Continuous delivery from the cloud
- More frequent feature delivery on core CCE
- Zero downtime upgrades
- Lower supported agent counts

Expect less

- Big Bang releases every 18 months
- Big gaps in time between feature delivery and adoption
- Downtime for maintenance



Core Roadmap



Move live VMs without affecting ops



Zero downtime during upgrades



Automated and orchestrated patching



Webex CC Enterprise vs. Current On-Premises





CCE On Premises

Customer operated

Standard admin experience

Dedicated application services

Customer performed upgrades

Customer/Partner supported

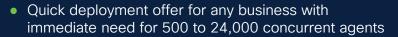


Webex Contact Center Enterprise quick deployment solution GA release: May 2020

Cloud solution for large, high security contact centers available in 10 days or less. Includes full remote agent support and bundled PSTN for calling for first 90 days.







- Get up and running in 10 business days or less with short, 90-day contract term
- Bundles free PSTN for calling for first 90 days
- Ideal for hotlines, crisis response teams, and rapid expansion of existing on-premises contact centers







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Administration Portal Demo cisco life!



Support and incident management



Cisco to monitor the solution 24x7x365



Cisco will notify the reseller as part of incident management process



Reseller is responsible for Tier 1 Support



Cisco TAC is responsible for Tier 2 & Tier 3 Support



Partner Support Responsibilities – Tier 0/1 support

- Partners are responsible for providing helpdesk capabilities for end customer
- Partners are responsible for providing Tier 1 support
 - "Tier 1 Support" means the ability to provide general product information (presales and post-sales), configuration support, collect relevant information to identify technical problems, perform base problem determination and provide regular problem resolution reports to the end user

- Partners may reach out to Cisco TAC for additional assistance(Tier 2/Tier 3) – Cisco TAC is break-fix support only
- Partners will provide assistance needed for MACD
- Partners will be responsible to support third party integrations as well as Addons
- Cisco will monitor the customer instance to ensure availability

Customer

Partner Tier 0/1

Cisco TAC Tier 2/3



Access to Tools

Feature	Tool Name	Core / Add-On	Used By	Partner Account Used	Authentication Type
Administration Portal	Administration portal	Core	Partners & Customers	Management	SSO
Management Tools	CCDM (Contact Center Domain Manager)	Core	Partners	Management	SSO
Management Tools	ISE (Internet Script Editor)	Core	Partners	Tenant-Level	LDAP
UC Management Tool	VOSS	Core	Partners & Customers	Management	SSO
Reporting and Analytics Tool	CUIC (Cisco Unified Intelligence Center)	Core	Partners & Customers	Management	SSO
IVR Development Tool	CVP Call Studio	Core	Partners & Customers		
Chat and Email	ECE	Core	Partners & Customers	Management	SSO
911 Management	Cisco Emergency Responder	Core	Partners & Customers	Management	SSO
Desktop Extensions	Upstream Works for Finesse (UWF)	Add-On	Partners	Tenant-Level ¹	Local
List and Campaign Management	Acqueon LCM	Add-On	Partners & Customers	Tenant-Level (Individual Account)	LDAP
Workforce Optimization: Opt 1	Verint	Add-On	Partners & Customers	Management	SSO
Workforce Optimization: Opt 2	Calabrio ONE	Add-On	Partners & Customers	Management	SSO





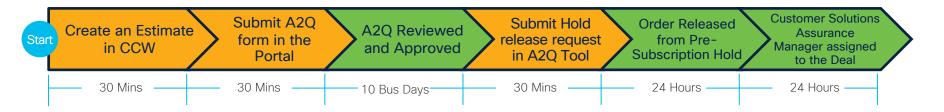
Assurance to Quality(A2Q)





Deal Registration and A2Q Workflow





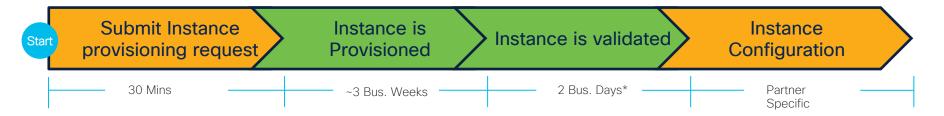
NOTE: Do not place an order in CCW before A2Q Approval – deal will get de-booked if not provisioned within 90 days

- A2Q is mandatory for all new deals and updates to an existing deal
- A2Q Information and link to the form published in SalesConnect and Partner Communities
- Customer Solutions Assurance Manager (CSAM) from Cisco will be assigned to every deal
 - CSAM is the main point of contact for Partners and Account teams and will play a supporting role in successful execution of the project *Partner will continue to be responsible for project management and execution*
- Connectivity is a critical element of the solutions and partners are expected to clearly outline the voice and data connectivity model as part of A2Q submission – No deals will be approved/booked without approval on connectivity model
- Partners are expected to outline professional services engagement for Add-on's and third party integrations as part of A2Q submission If Professional services is provided by another vendor, a signed SOW has to be submitted for review in A2Q



Webex CCE Instance Provisioning Process



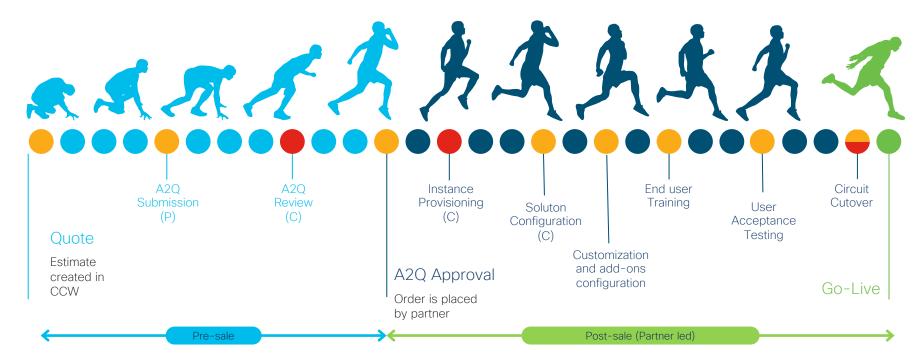


- Instance provisioning will enable all ordered options and allows for the system to be configured by the partner
- Making the Instance "Business Ready" is Partner responsibility
- Partner is responsible for ensuring they have appropriate trained personal to configure add-ons or are expected to have signed SOW with respective vendors for Professional Services
- CSAM will be the point for updates on Webex CCE Instance provisioning status
- CSAM will be the first point of contact for any support issues until customer goes live on the platform
- Partner is expected to request Cisco for circuit switchover at least two weeks before Go Live
- Platform Monitoring will start when the customer is Live



End to End Order to Go Live

(C) - Cisco responsibility
(P) - Partner responsibility

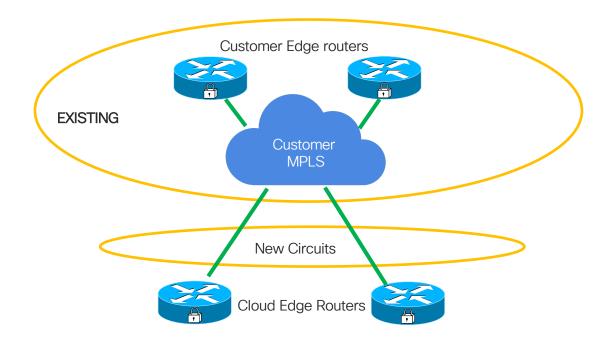






Network Connectivity - Data

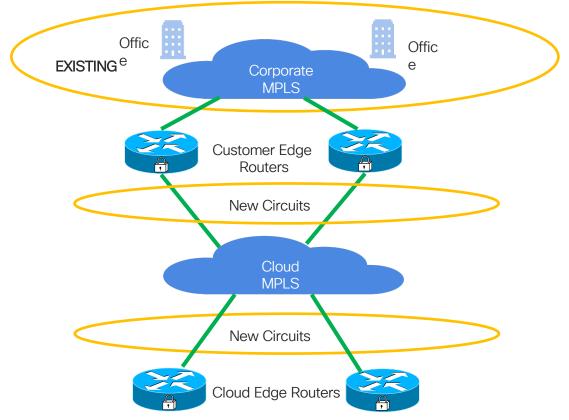
Extending an existing customer MPLS network for data connectivity





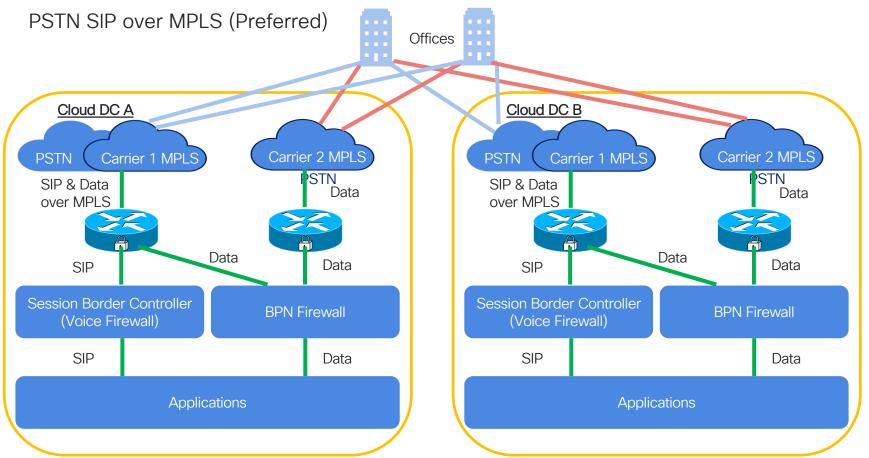
Network Connectivity - Data

Creating a new MPLS network for data connectivity



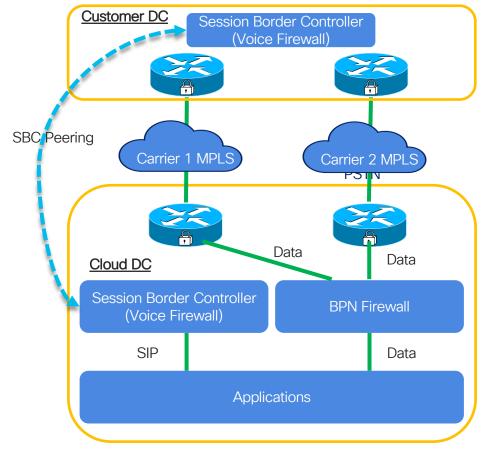


Network Connectivity - PSTN SIP



Network Connectivity - PSTN SIP

Customer provided PSTN SIP over MPLS





Client Connectivity FAQ

Who buys the circuit?

Customer

What circuit types?

MPLS over Single Mode Fiber (SMF)

Are overlays supported?

• If the client brings their own circuit and edge device, SD-WAN is supported

What does the circuit connect to?

- · Webex CCE Edge Device
- Customer Provided Edge Device



Client Connectivity FAQ

Who manages the Edge Device?

- If provided by Cisco, then Cisco manages
- If provided by the customer, then the customer manages

What is required when a customer brings their own device?

· A router hosting fee will apply

What is required when a customer wants to plug a circuit into a Webex CCE Edge Device?

- Circuit Management Fee
- Carrier Letter of Authorization (LOA)



Client Connectivity FAQ

How many circuits do I need?

- 2 per Webex CCE datacenter

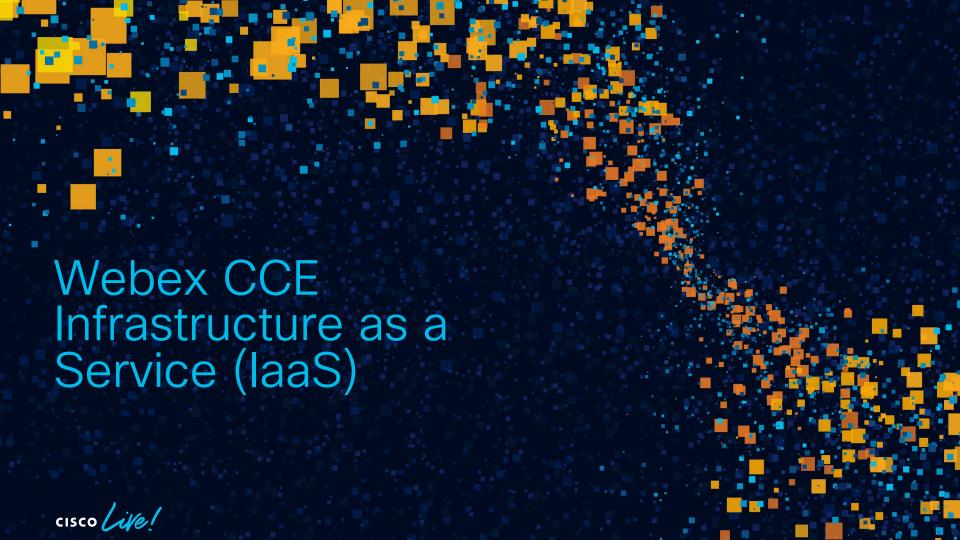
Should circuits carry both SIP & Data?

- The customer should only have 1 SIP carrier
- Due to this, 1 of the 2 MPLS circuits in each DC should carry SIP and Data

Is it possible for the customer to provide a 3rd circuit for carry SIP only?

 Yes. It's not recommended however due to a failover condition of both the data providers into a site being down, but the standalone SIP circuit remaining active. If this occurs, calls may not be able to reach endpoints





What is Webex CCE laaS?



Webex CCE laaS is a supplemental offering to allow for additional services to be provisioned that extend beyond Webex CCE core and add-on components.



It is intended to assist partners and customers with the ability to migrate the additional contact center systems to the cloud without adding the complexity of having adjunct systems remain on premises or be shifted to a different cloud.



Webex CCE does not intend to replace all Enterprise applications through removing resources from the premise like public clouds do.

For this reason, it can be expected that additional services public clouds provide are not features of Webex CCE laaS.



laaS Overview

- Provided for customers who wish to 'bring their own software'
- Partitioned as a virtual CPU in the VMware Hypervisor
- Partner/customer provides all necessary software and support
 - Operating system
 - Database
 - Misc software (security, management, etc.)



laaS Overview

CPU

1 Core of Intel 6242 2.8GHz CPU

Memory

Ordered in 8 Gigabyte blocks (was 32 Gigabytes)

Solid State Disc (SSD)

Available in 1 Terabyte chunks





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Flash-cut Migration from CCE to Webex CCE

Easy migration from on-prem to cloud







Webex CEE Authorized partner is responsible for addition of AppGW nodes into existing ICM scripts to integrate to WCCE Admin Portal



Customer is responsible for moving their incoming TFN from CCE to Webex CCE



Webex CCE Authorized partner is responsible for testing all call flows ensuring successful migration of configuration



Note

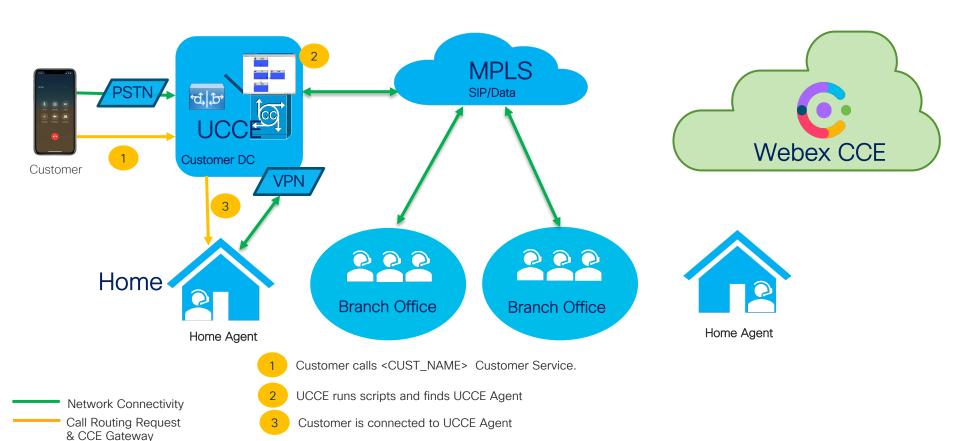
Special considerations will be required for existing customers using non-reference designs

Phased Migration Requirements

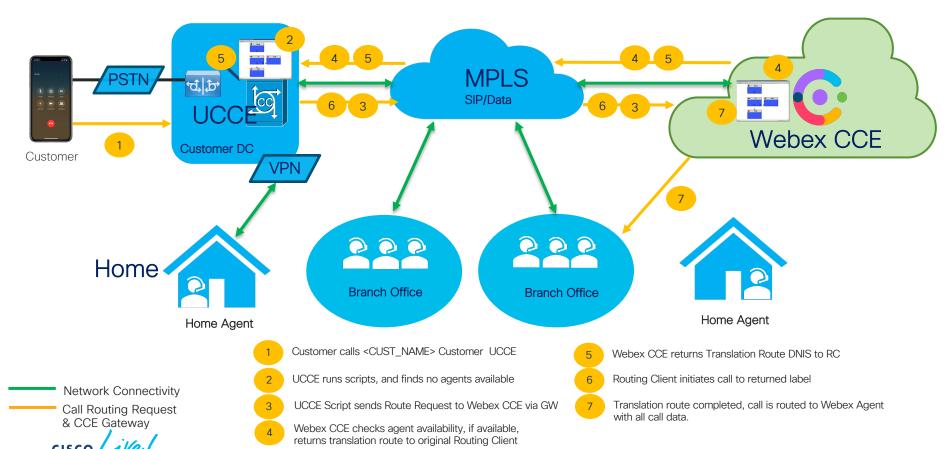
- Avoid impact to business and eventually retire on-premise platform
- Ability to route calls between premise and cloud platform based on agent availability
- Ability to transfer calls between premise and cloud platform based on agent availability
- Ability to generate reports for agents regardless of platform
- Business continuity with 2 parallel systems running



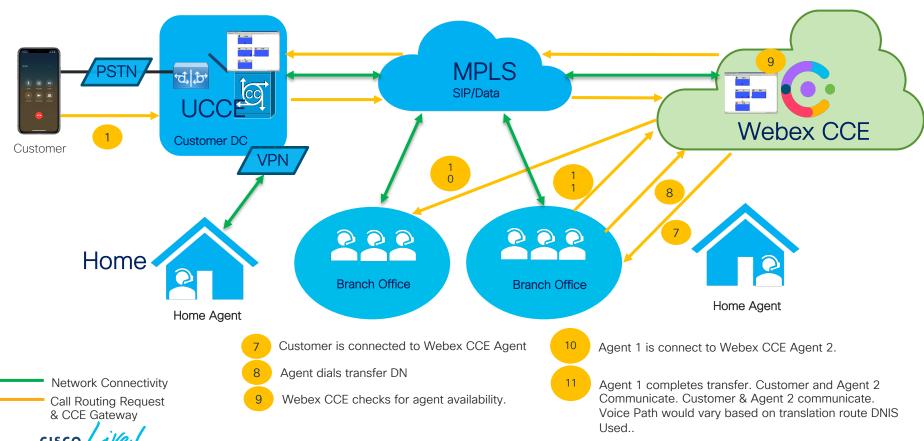
Call Flow - Inbound Call (Starting State)



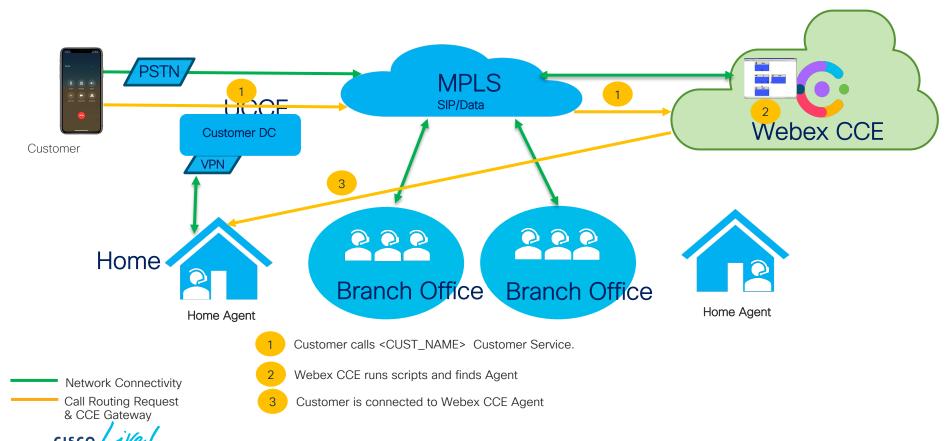
Call Flow - Inbound Call (Migration State)



Call Flow - Transfer Call (Migration State)



Call Flow - Inbound Call (End State)





Webex CCE Security White Paper & Data Sheet

Our Webex CCE Security whitepaper:

https://salesconnect.cisco.com/#/content-detail/d2b9d3ed-bf4c-42ef-a02d-ea73a3b62abf

Privacy Data Sheet:

https://trustportal.cisco.com/c/r/ctp/trust-portal.html?search_keyword=webex%20contact%20Center%20enterprise#/customer_transparency/pdfViewer/c%2Fdam%2Fr%2Fctp%2Fdocs%2Fprivacydatasheet%2Fcollaboration%2Fcisco-webex-contact-center-enterprise-privacy-datasheet.pdf?docClassification=public





Security certifications, attestations, and compliance

Certifications:

- Payment Card Industry Data Security Standards (PCI-DSS)
- ISO 27001:2013
- Tier III or above Data Center Facilities

Attestations:

- Health Insurance Portability and Accountability Act (HIPAA)
- SSAE 18 SOC 1 and 2, Type II
- General Data Protection Regulation (GDPR)

Compliances:

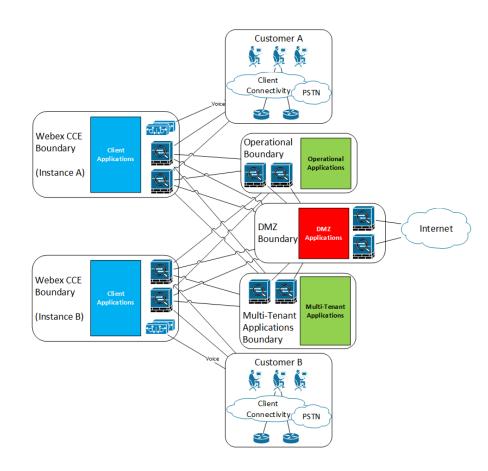
- Fair and Accurate Credit Transactions Act (FACTA)
- Section 508 of the Rehabilitation Act¹
- EU-Swiss Privacy Shield



Network Security

 Network security is comprised of the following key elements:

- Establishing boundaries
- Boundary isolation
- Secure connectivity between cloud data centers
- Secure connectivity between clients and cloud data centers





Data Encryption

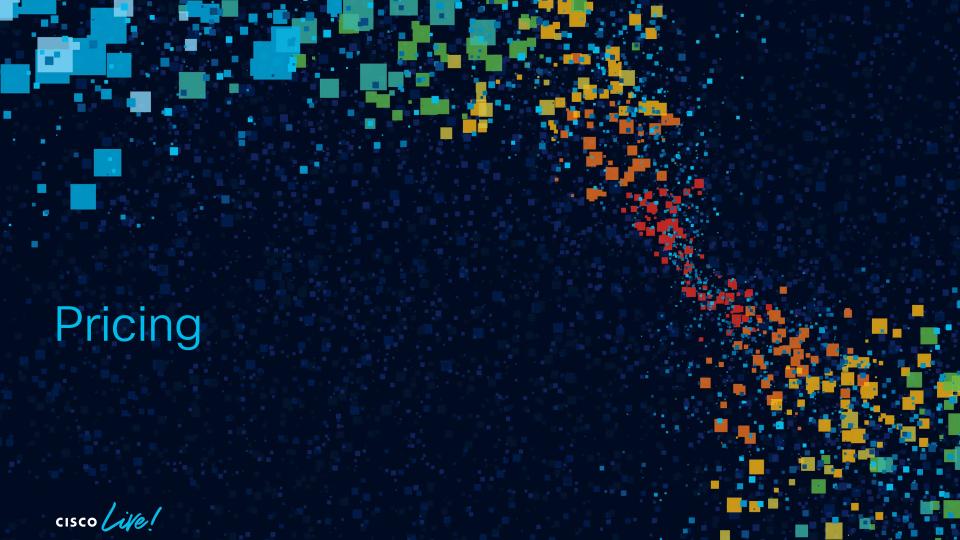
In-transit

- For non-private (Internet) connections, all voice and data interfaces are encrypted in transit
- For private connections:
 - All data interfaces are encrypted in transit
 - Voice interfaces are not encrypted in transit by default as it's a private connection. However, depending on the customer requirement SIPS/SRTP could be potentially used.

At rest

- All data at rest is stored on encrypted storage
- Databases and applications that store privacy data extend disk-level encryption by implementing secondary forms of encryption.





Webex Contact Center Enterprise Components



Agents & IVR

Provides core contact center capabilities



Add-ons

Technology from seven Providers managed by Cisco in Webex CCE data centers



laaS

Ability to co-locate customer / partner owned solutions with Cisco hardware in Webex CCE data center



NPS

Non-production lab system for partners requiring dedicated test system

All Pricing includes management and tier 2 and above support. Partner is responsible for customization and tier 1 support,



Webex CCE Agents

- Component of Contact Center Flex Plan (A-FLEX-CC)
- Standard and Premium features same as UCCE/PCCE Premise and Hosted-CC
- All agents are licensed as concurrent
- Value Transfer discount of \$2.00 for non-Cisco transfer, \$3.00 for Cisco
- Overage is available
- Includes CUCM management for agents only; licenses must be provided by customer
- Doption to add laaS, additional IVR (CVP) Ports, and CER



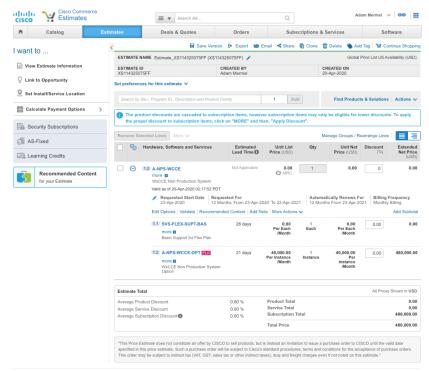
Non-Production System (NPS) Overview

- Provides customers with a dedicated lab system
- NPS system is targeted at providing:
 - Testing of ICM scripts
 - Testing of IVR (Studio, backend systems)
 - Desktop customizations
 - APIs for support of backend systems (CRM, reporting, etc)
- NPS does not offer support of add-on applications.
- If geographic redundancy is desired, two NPS systems must be ordered.



Ordering NPS

- NPS is not part of Flex
- Has its own top level SKU:
 - A-NPS-WCCE
- One option for NPS:
 - A-NPS-WCCE-OPT



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Documentation and where to find it...

- Flex Contact Center Ordering Guide:
 https://www.cisco.com/c/dam/en/us/products/collateral/customer-collaboration/guide-c07-741219.pdf
- Flex Contact Center SKU List (includes prices):

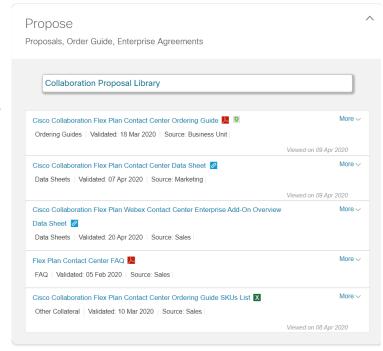
https://www.cisco.com/c/dam/en/us/products/se/2018/9/Collateral/cisco-collab-flex-plan-contact-center-skus.xlsx

- Flex Contact Center Data Sheet:

 https://www.cisco.com/c/en/us/products/collateral/unified-communications/cisco-collaboration-flex-plan/datasheet-c78-741220.html
- WxCCE Ordering Add-on Ordering Overview:

https://www.cisco.com/c/en/us/products/collateral/unified_communications/cisco-collaboration-flex-plan/datasheet-c78-743548.html

SalesConnect: Webex CCE Product Page







Webex CCE SLA - Summary

- Service Level Targets
 - 99.99% availability for 'core platform'
 - 99.00% for add-ons and admin functions ('secondary platform')
- Credit of up to 5% of monthly fees
- Available for every customer



Platform Definitions

Core platform

All functionality needed to allow agents to successfully handle voice calls, email and web chats (ECE):

- Voice infrastructure
- Voice treatment (IVR) using DTMF only
- Queuing
- Routing
- Finesse agent desktop application, with standard gadgets minimally needed to control calls, handle emails and chats

Secondary platform

Admin, management, reporting, add-ons

- Admin portal, reporting, supervisor functions
- Outbound campaign management
- Workforce Optimization and speech analytics
- Voice mail
- Additional channels
- CRM connectors
- Speech applications

Excluded: reliability of recordings being made



Webex CCE SLA

Target	Applicable Services	Target, measured monthly	Remedy	Customers
Webex CCE service availability	Core Platform	99.99%	Credit * 1% (<99.99%, >= 99.95%) 2% (<99.95%, >=99.90%) 3% (<99.90%, >= 99.75%) 4% (<99.75%, >=99.50%) 5% (<99.50%)	All, but on request
	Secondary Platform	99.00%	Credit * 1% (<99.00%, >= 97.50%) 2% (<97.50%, >=95.00%) 3% (<95.00%, >= 93.50%) 4% (<93.50%, >=90.00%) 5% (<90.00%)	All, but on request



General Exclusions

- Third party network (customer to/from DC) and telephony providers
- Scheduled and emergency maintenance
- Customer or partner acts or applications
- Force majeure



Incident Response Time is in Service Offering, not in SLA

- Incident response time is part of the Cisco service offering for Webex CCE, as per table below
- There is no remedy for not meeting
- This is not part of the product SLA

Target	Applicable Services	Target	Remedy	Customers
Incident response time	Basic support	S1/2: 1 hr S3/4: next day	None	All
	Enhanced support	S1/2: 30 mins S3/4: 2 hr	None	For fee
	Premium support	S1/2: 15 mins S3/4: 1 hr	None	For fee



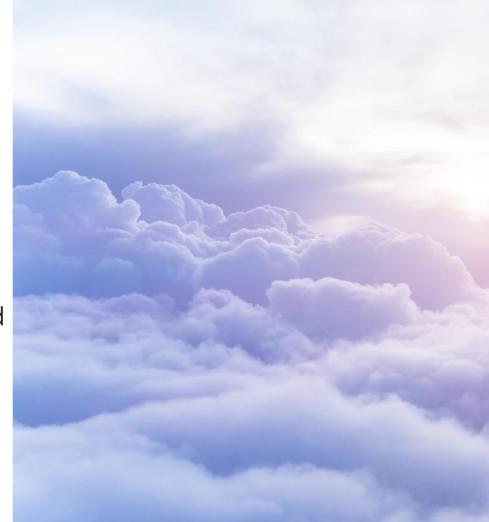
Incident Restoration Times

- Not offered as separate item, but assumed in SLA
- Cisco commits to restore the service as quickly as possible, to stay in line with the SLA
- Example: Core platform 99.99% SLA means max 4.5 minutes outage per month
- Our goal is to restore within that timeframe
- Targeted Incident Restoration Times don't add any certainty or value



Summary

- Market driven
- Unique architectural design
- Low effort migration
- Deep capability set
- Cisco backed, partner supported







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