Preface

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Change History

This table lists the major changes made to this guide. The most recent changes appear at the top.

Changes	Section	Date
Updated Data Source Failover for Unified Intelligence Center High Availability Considerations	Unified Intelligence Center High Availability Considerations	May, 2023
Update for ES01		**August, 2021**
Added information about **VPN-less access to Finesse desktop** feature.	Mobile Agent>VPN-Less Access to Finesse Desktop	

Changes	Section	Date
Initial Release of Document for 12.6(1)		May, 2021
Added information about the new **Contact Center AI Services** feature.	Contact Center AI Services Considerations	
Increased configuration limits for active mobile agents with call-by-call connections.	Agent Limits PG Agent Capacity with Mobile Agents	
Added support to scale to 36000 agents from the 24000 Agent Reference Design.	Scale up to 36000 Agents	
Added support for shared ACD lines.	Shared ACD Line Support	
Added support for vMotion	Solution-Wide Support for vMotion	

About This Guide

This guide provides design considerations and guidelines for deploying Cisco Unified Contact Center Enterprise (Unified CCE) solutions. The guide combines information for all the components that might be present in your solution. This guide assumes that you are familiar with basic contact center terms and concepts. Successful deployment of Unified CCE solutions also requires familiarity with the information presented in the *Cisco Collaboration System Solution Reference Network Designs*.

This guide focuses on the design process. Its goal is to present the necessary information to take your design from starting concept to final submission. Details of installation, configuration, and administration of your contact center enterprise solution are covered in other guides.

The first four chapters of the book give a broad perspective of the contact center enterprise solutions:

- Packaged Contact Center Enterprise

- Unified Contact Center Enterprise

For information about design considerations and guidelines specific to Unified CCE, see the remaining chapters.

Audience

The first three chapters in this guide are for anyone who wants a broad overview of the contact center enterprise solutions.

The primary audience for the guide is people who design contact centers. The guide is also helpful for system administrators who want a deeper understanding of how the components in a contact center enterprise solution work together.

Related Documents

Consult these documents for details of these subjects that are not covered in this guide.

Subject	Link
Compatibility Matrix for information on which versions of which products are supported for a contact center enterprise solution.	https://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-enterprise/products-device-support-tables-list.html https://www.cisco.com/c/en/us/support/customer-collaboration/packaged-contact-center-enterprise/products-device-support-tables-list.html
Cisco Unified Contact Center Enterprise Features Guide for detailed information on the configuration and administration of integrated features in your solution.	http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-enterprise/products-feature-guides-list.html
Cisco Collaboration Systems Solution Reference Network Designs for detailed information on the Unified Communications infrastructure on which your solution is built.	http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-implementation-design-guides-list.html

You can find the full documentation of each of the components in the contact center enterprise solutions at these sites:

Component	Link
Cisco Unified Contact Center Enterprise	http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-enterprise/tsd-products-support-series-home.html
Cisco Finesse	http://www.cisco.com/c/en/us/support/customer-collaboration/finesse/tsd-products-support-series-home.html
Cisco Customer Collaboration Platform	https://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-express/tsd-products-support-series-home.html
Cisco Unified Customer Voice Portal	http://www.cisco.com/c/en/us/support/customer-collaboration/unified-customer-voice-portal/tsd-products-support-series-home.html
Cisco Unified Intelligence Center	http://www.cisco.com/c/en/us/support/customer-collaboration/unified-intelligence-center/tsd-products-support-series-home.html
Cisco Virtualized Voice Browser	http://www.cisco.com/c/en/us/support/customer-collaboration/virtualized-voice-browser/tsd-products-support-series-home.html
Unified Contact Center Management Portal	http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-management-portal/tsd-products-support-series-home.html

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- Software Updates

- Updates to Known Bugs

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Conventions

This document uses the following conventions:

Convention	Description
boldface font	Boldface font is used to indicate commands, such as user entries, keys, buttons, folder names, and submenu names. For example: • Choose **Edit** > **Find**. • Click **Finish**.
italic font	Italic font is used to indicate the following: • To introduce a new term. Example: A *skill group* is a collection of agents who share similar skills. • A syntax value that the user must replace. Example: IF (*condition, true-value, false-value*) • A book title. Example: See the *Cisco Unified Contact Center Enterprise Installation and Upgrade Guide*.
`window font`	Window font, such as Courier, is used for the following: • Text as it appears in code or that the window displays. Example: `<html><title>Cisco Systems, Inc. </title></html>`
`< >`	Angle brackets are used to indicate the following: • For arguments where the context does not allow italic, such as ASCII output. • A character string that the user enters but that does not appear on the window such as a password.