



# Preface

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**Last revised on: July 15, 2009**

This document provides design considerations and guidelines for deploying a Cisco Unified Communications System based on Cisco Unified Communications Manager 6.x (all 6.0 and subsequent 6.x releases).

This document focuses on the following components of the Cisco Unified Communications System:

- Cisco Unified Communications Manager (Unified CM), formerly Cisco Unified CallManager
- Cisco Unified Communications Manager Business Edition (Unified CMBE)
- Cisco Unity, Unity Express, and Unity Connection
- Cisco Unified MeetingPlace and Unified MeetingPlace Express
- Cisco Unified Video Advantage
- Cisco Unified Presence
- Cisco Unified Mobility

This document should be used in conjunction with other documentation available at the following locations:

- For more information about the Cisco Unified Communications System:  
<http://www.cisco.com/go/unified-techinfo>  
<http://www.cisco.com>
- For more information about Cisco Unified Communications Manager:  
[http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_series_home.html)  
<http://www.cisco.com>
- For other Solution Reference Network Design (SRND) documents:  
<http://www.cisco.com/go/designzone>

# New or Changed Information for This Release

**Note**

Unless stated otherwise, the information in this document applies to Cisco Unified Communications Manager 6.x (6.0 and all subsequent 6.x releases). Any differences between the various releases of Cisco Unified Communications Manager are specifically noted in the text.

The following chapters are either new in the current release of this document, or they contain information that has changed significantly from previous releases of this document.

- [Unified Communications Deployment Models, page 2-1](#)
- [Network Infrastructure, page 3-1](#)
- [Gateways, page 4-1](#)
- [Cisco Unified CM Trunks, page 5-1](#)
- [Media Resources, page 6-1](#)
- [Music on Hold, page 7-1](#)
- [Call Processing, page 8-1](#)
- [Call Admission Control, page 9-1](#)
- [Cisco Unified MeetingPlace Express, page 16-1](#)
- [LDAP Directory Integration, page 18-1](#)
- [Migrating to a Unified Communications System, page 19-1](#)
- [Voice Security, page 20-1](#)
- [Cisco Unified Presence, page 23-1](#)
- [Cisco Unified CM Applications, page 24-1](#)
- [Cisco Mobility Applications, page 25-1](#)

Within each chapter, new and revised information is listed in a section titled *What's New in This Chapter*.

## Revision History

This document may be updated at any time without notice. You can obtain the latest version of this document online at

[http://www.cisco.com/en/US/products/sw/voicesw/ps556/products\\_implementation\\_design\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_implementation_design_guides_list.html)

Visit this Cisco.com website periodically and check for documentation updates by comparing the revision date (on the front title page) of your copy with the revision date of the online document.

The following table lists the revision history for this document.

| Revision Date      | Comments                                                                                                |
|--------------------|---------------------------------------------------------------------------------------------------------|
| July 15, 2009      | Updated content for Cisco Unified Communications Manager Release 6.1(4).                                |
| September 30, 2008 | Updated content as indicated in <a href="#">New or Changed Information for This Release, page xxx</a> . |
| January 29, 2008   | Updated content for Cisco Unified Communications Manager Release 6.1.                                   |
| October 10, 2007   | Updated content and added information on new phone models.                                              |
| June, 2007         | Initial version of this document for Cisco Unified Communications Manager Release 6.0.                  |

## Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

