



Data Sheet

Cisco Unified MeetingPlace 5.4 Directory Services

PRODUCT OVERVIEW

Cisco® Unified MeetingPlace® conferencing—part of the Cisco Unified Communications family of products—is a complete rich-media conferencing solution that integrates voice, video, and Web conferencing capabilities to make remote meetings as natural and effective as face-to-face meetings for increased productivity. The Cisco Unified MeetingPlace solution is deployed on-network, behind the firewall and integrated directly into an organization’s private voice and data networks and enterprise applications, to provide significant cost savings, security, and a superior user experience.

The Cisco Unified Communications family of voice, video, and IP communications products and applications helps organizations communicate more effectively—helping them streamline business processes, reach the right resource the first time, and increase profitability.

Cisco Unified MeetingPlace 5.4 Directory Services simplifies administration, enhances security, and improves the user experience by providing an automated means for creating and updating Cisco Unified MeetingPlace user databases. The application eliminates the need to manually create and update profiles by automatically propagating information from an organization’s corporate or Cisco Unified CallManager directory to the Cisco Unified MeetingPlace system directory.

KEY FEATURES AND BENEFITS

Capabilities

- Corporate directory integration—Automatically synchronizes data between an external Lightweight Directory Access Protocol (LDAP)-compliant directory and the Cisco Unified MeetingPlace user directory
- Profile creation—Automatically adds new profiles to the Cisco Unified MeetingPlace database through an initial synchronization and then subsequently as new entries are added to the corporate directory
- Profile updating—Detects changes in user profiles on the corporate directory and automatically propagates updates to the Cisco Unified MeetingPlace database
- Profile deletion—Automatically deletes or suspends Cisco Unified MeetingPlace accounts when employees are deleted from the corporate directory
- Configuration—Provides flexible update settings and configurable business rules that can be attributed to different groups of users to provide flexibility in the way that conferencing is deployed
- Cisco Unified MeetingPlace synchronization—Helps ensure that user profile information is current across distributed Cisco Unified MeetingPlace systems
- Scalability—Supports up to 250,000 profiles

Network Security

- Accurate databases—Helps ensure that the list of Cisco Unified MeetingPlace users is current to prevent unauthorized access by former employees
- Network credential login—Recognizes users authenticated by the corporate network credentials

- On-network deployment—Secures all information within the corporate network as an on-network application
- Corporate directory protection—Prevents changes to the corporate directory to maintain information integrity, and requires only unobtrusive, read-only access

System Manager Benefits

- Simplified administration—Automates profile database management with corporate directory information, so that when new employees join the company and are added to the corporate directory, a Cisco Unified MeetingPlace profile is automatically created on all the Cisco Unified MeetingPlace servers; if the user information changes, such as the telephone number or e-mail address, the user profile does not need to be updated anywhere other than in the corporate directory
- Security—Helps ensure an up-to-date database of authorized users
- Minimal need for support calls—Reduces the number of help desk inquiries from users with profile or password requests

End-User Benefits

- Consistent user login—Allows users to use the same user ID and password to access all Cisco Unified MeetingPlace systems
- Current personal data—Automatically updates a user's contact information with phone number, billing code, or other changes for more personalized use

Features

- Cisco Unified MeetingPlace synchronization—Synchronizes with Cisco Unified MeetingPlace 5.4 Audio Server and supports synchronization of most user profile attributes that are supported by Cisco Unified MeetingPlace Release 5.4
- Cisco Unified MeetingPlace video attributes support—Supports synchronization of Cisco Unified MeetingPlace 5.4 profile attributes that specifically support video—for example, video endpoint addresses and whether a user can schedule meetings that include video
- Cisco Unified CallManager directory support—Supports synchronization of user data from the Cisco Unified CallManager directory, allowing Cisco Unified MeetingPlace conferencing to support IP telephony users who are configured in the Cisco Unified CallManager directory
- Microsoft Active Directory 2003 support—Supports Microsoft Active Directory 2003, which is embedded in Windows Server 2003; MetaLink agreements for Active Directory 2003 can use the same configurations as for Active Directory 2000
- Support for extended ASCII characters—Supports some extended ASCII characters with numeric values greater than 127

PRODUCT ARCHITECTURE

The Cisco Unified MeetingPlace Directory Services server combines user information from an organization's LDAP directory with user profiles stored in the Cisco Unified MeetingPlace Audio Server system in a unified metadirectory. A metadirectory does not replace the systems that provide the data; instead, it links these systems in one accessible infrastructure.

To create the metadirectory, Cisco Unified MeetingPlace Release 5.4 uses synchronization processes called MetaLink agreements. Each server synchronization requires a separate MetaLink agreement. A one-way MetaLink agreement sends data in one direction between servers, and a two-way MetaLink agreement sends data in both directions.

After establishment, the MetaLink agreement between the corporate directory and the metadirectory can create, update, and delete Cisco Unified MeetingPlace system user profiles based on the information that is stored in the corporate directory server. If user information changes in the corporate directory, those changes are propagated automatically to the Cisco Unified MeetingPlace Audio Server system.

REQUIREMENTS

System Requirements

- Cisco Unified MeetingPlace 8106 or Cisco Unified MeetingPlace 8112 with MeetingPlace Audio Server
- Cisco Media Convergence Server (MCS):
 - Cisco 7835 or 7845 MCS (or exact hardware equivalent) with Cisco MCS OS Version 2000.2.6 (SR 4) or a later release
- Cisco Unified MeetingPlace 5.4 Directory Services installed on a Cisco MCS that is running any possible combination of Cisco Unified MeetingPlace integration solutions
- Any of the following directory servers:
 - Microsoft Active Directory 2000
 - Microsoft Active Directory 2003
 - Netscape Directory Server Version 4.0
 - iPlanet Directory Server Version 5.0
 - SunONE Directory Server Version 5.0
 - Cisco Unified CallManager 3.3.0
 - Cisco Unified CallManager 4.0.0
 - Cisco Unified CallManager 4.1.0

Upgrade Requirements

An older Cisco Unified MeetingPlace system can be upgraded under the following conditions:

- The hardware server specifications must meet the specifications of a Cisco 7835 or 7845 MCS with Windows 2000 Server (SP4).
- Upgrades are supported from Cisco Unified MeetingPlace 4.2.7.25 Directory Services or a later release.

ORDERING INFORMATION

To place an order, visit the [Cisco Ordering Home Page](#). Table 1 lists part numbers for the Cisco Unified MeetingPlace Directory Services solution.

Table 1. Part Numbers for Cisco Unified MeetingPlace Directory Services

Part Number	Description
MP-DIRSVCS-5.4	Cisco Unified MeetingPlace Directory Svcs Rel 5.4 (rq svr)
MP-DIRSVCS-5.4-UPG=	Cisco Unified MeetingPlace Directory Svr r.5.4 (rq svr)

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FOR MORE INFORMATION

For more information about Cisco Unified MeetingPlace conferencing, visit <http://www.cisco.com/go/meetingplace> or contact your local Cisco account representative.



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Printed in USA

C78-360742-00 08/06