



Prepare

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Introduction to Prepare

In the Prepare phase, you evaluate Cisco technologies that address your business needs. You gather information about your business and technical environment that feed into the high-level design. Then, you create a business case for the collaboration system that provides the best return on your investment.

Before You Begin

Understand the features and functions of collaboration applications. Start with the high-level information in the [Cisco Collaboration Systems Description](#) and [Collaboration Overview](#), and then proceed to the more detailed and Collaboration release-specific information in the [System Release Notes](#).

When You Are Done

You have defined and created the following:

- Your business and system requirements
- A basic list of components and applications that match the requirements

Major Concepts and Tasks in This Process

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Cisco Collaboration Systems Description

Cisco Collaboration Systems offer many features and solutions that allow people to collaborate effectively. It offers a coherent experience that connects people with people in familiar, intuitive, natural, simple ways

using any media or device, at any time, while integrated with business processes. This integrated collaboration architecture with a converged voice, video, and data network includes many products from the Cisco Collaboration portfolio. For more details about Cisco Collaboration Systems Release 11.0(1), see the [Solution Overview](#).

Enterprise, midmarket or small and medium businesses can implement various system deployment models such as single site, multiple sites, or cloud. Cisco Collaboration Systems Release 11.0(1) is backwards compatible with Collaboration Systems Release 10.6(1).

Collaboration Overview

The Cisco Collaboration System includes a wide array of hardware and software components, such as call processing products, communications endpoints (IP phones and video devices), and special applications, all deployed over a converged network infrastructure. The network infrastructure for Cisco collaboration includes PSTN gateways, analog phone support, and digital signal processor (DSP) farms.

Market Descriptions

Cisco provides Unified Communications solutions for small businesses through large enterprise networks. For more information on applying Unified Communications solutions to different size markets, see the following:

- [Cisco Unified Communications Solutions for Enterprise](#)
- [Cisco Unified Communications Solutions for Small Business](#)

Product Categories

Collaboration system components are grouped in the following categories:

- Call control components, such as Cisco Unified Communications Manager, Cisco Unified Communications Manager Express, Cisco Unified Survivable Remote Site Telephony (Unified SRST), Cisco TelePresence Video Communication Server, Cisco Business Edition 7000 and Cisco Business Edition 6000.
- Conferencing components, such as Cisco TelePresence Server, Cisco TelePresence MCU, Cisco TelePresence Conductor, and Cisco TelePresence Management Suite.
- Enterprise edge components, such as Cisco TelePresence Video Communication Server and Cisco Expressway Series.
- Server applications, such as Cisco Emergency Responder, Cisco Unified Attendant Console Standard, and Cisco Unified Attendant Console Advanced.
- Cloud application components, such as Cisco WebEx Meetings Server and Cisco WebEx Meeting Center.
- Voicemail and unified messaging components, such as Cisco Unity Connection.
- Endpoints, such as Cisco IP Phone 7800 Series, Cisco IP Phone 8800 Series, Cisco Unified IP Phones 6900, 7900, 8900, and 9900 Series, Cisco TelePresence SpeakerTrack 60, Cisco Desktop Collaboration Experience DX650, Cisco TelePresence SX Series, Cisco TelePresence MX Series, Cisco TelePresence IX5000, Cisco TelePresence Touch, and Cisco Jabber.

- Service management devices, such as Cisco Prime Collaboration Provisioning, Cisco Prime Collaboration Assurance, and Cisco Prime Collaboration Deployment.
- Communication gateways, such as Cisco 4451-X Integrated Services Router (ISR) and Cisco SRE 910 Service Module.

Deployment Models

The Cisco Collaboration System supports the deployment models in the following table.

Table 1: Deployment Models

Deployment Models	Description
Single-Site Model	This model is designed for autonomous offices in which most or all employees are IPC users. This model can support up to 30,000 users.
Multisite Centralized Call Processing Model	This model is designed for distributed operations with a large central or headquarters site and multiple remote or branch sites. This model can support up to a total of 30,000 phones distributed among up to a maximum of 1000 sites. Based upon the bandwidth available, each site can support any number of users up to the overall total of 30,000 phones.
Multisite Distributed Call Processing Model	This model is designed for organizations with large user populations or large numbers of geographically distributed sites resulting in the need for more than a single call processing entity. This model is suited for deployments that require multiple Cisco Unified Communications Manager clusters or Cisco Unified Communications Manager Express platforms. Each call processing entity in this model is configured as a single-site model or multisite centralized call processing model and each has a common dial plan and feature set.
Clustering Over IP WAN Call Processing Model	This model is designed for organizations with large user populations across multiple sites that are connected by an IP WAN with the QoS features enabled. It supports the Local Failover Deployment Model and the Remote Failover Deployment Model.

For more details about deployment models, see the [Cisco Collaboration Solutions Design Guidance](#) documents.

System Features in This Release

Cisco Collaboration Systems integrate telephony, conferencing, messaging, and security products for IP customers who have various deployment models. For detailed Cisco Collaboration feature information, see the [System Release Notes: Cisco Collaboration Systems, Release 11.0.1](#).

Additional Product Information

[Cisco Enterprise Solution](#)