

## Cisco Business Edition 6000 Version 9.1

Cisco® Business Edition 6000 is designed for organizations with up to 1000 employees. The solution offers premium voice, video, mobility, messaging, conferencing, instant messaging and presence, and contact center features on a single, integrated platform. The solution provides core communication capabilities that midsize businesses need for improved collaboration across their value chain.

Enabled by virtualization technology, Cisco Business Edition 6000 (BE 6000) consolidates multiple collaboration applications in a highly available solution that enables midsize businesses to reduce their total cost of ownership (TCO) and increase their return on investment (ROI) through its flexible architecture that grows with business needs.

### Solution Components: Features and Benefits

Cisco Business Edition 6000 delivers full-featured, enterprise-class communications and collaboration services that successful midsize businesses rely on today. Built on Cisco's world-leading unified communications architecture, the BE 6000 solution boasts varieties of collaboration options that offer you the flexibility to build an exact solution to meet your specific needs. It supports full-featured redundancy for all the core applications over a WAN or LAN environment.

Cisco Business Edition 6000 comes with two hardware options of the Cisco Unified Computing System™ (Cisco UCS®) Server:

1. **Medium Density server:** Supports a maximum of five virtual machines (four collaboration applications and one management application).
2. **High Density server:** Supports a maximum of nine virtual machines (eight collaboration applications and one management application).

All the applications are co-resident on the Cisco UCS C220 M3 Rack Server. Specific details of all the BE 6000 components are available at the links provided in following section.

### Product Foundation

Foundation components for Cisco Business Edition 6000 follow:

- [Cisco UCS C220 M3 Rack Server](#) is designed for performance and density over a wide range of business workloads, from web serving to distributed database. The enterprise-class Cisco UCS C220 M3 Server further extends the capabilities of the Cisco Unified Computing System portfolio in a 1-rack-unit (1RU) form factor. And with the addition of the Intel Xeon processor E5-2600 product family, it delivers significant performance and efficiency gains in a compact package.
- [Cisco Unified Communications Manager](#) software is the media-processing engine of Cisco Business Edition 6000, extending telephony features and capabilities to packet telephony network devices such as IP phones, media-processing devices, voice-over-IP (VoIP) gateways, and multimedia applications. Additional services such as multimedia conferencing, collaborative contact centers, and interactive

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multimedia response systems are made possible through Cisco Unified Communications Manager open telephony application programming interfaces (APIs).

- [Instant Messaging and Presence with the Cisco Jabber™](#) messaging integration platform takes advantage of intelligence in Cisco networks and Cisco Unified Communications Manager to deliver highly secure, reliable, and high-quality communications. It delivers a consistent experience across on-premises and cloud-based deployments, and uses industry standards to help ensure interoperability across Cisco and third-party solutions.
- [Cisco Unity® Connection](#) transparently integrates messaging and voice-recognition functions to provide continuous global access to calls and messages. Its advanced convergence-based communication services allow you to use natural-language voice commands to place calls or listen to messages in hands-free mode and to check voice messages from your desktop, either through integration with your email inbox or by using a web browser. It also provides robust Automated-Attendant functions, including intelligent routing for incoming calls and easily customizable call-screening and message-notification options.
- [Cisco Prime™ Collaboration Provisioning](#) 9.0 provides an automated process for initial deployments and for “day-2” moves, adds, changes, and deletions (MACDs). An intuitive user interface provides a single view of a subscriber and the subscriber's services. With these capabilities, Cisco Prime Collaboration significantly accelerates site rollouts and dramatically reduces the time required for ongoing changes, resulting in exceptional productivity gains and lower operating expenses (OpEx). In addition, Cisco Prime Collaboration Provisioning simplifies the tasks, allowing organizations to optimize IT resources and further reduce total cost of ownership.
- [Cisco Licensing](#) (including Cisco Enterprise Licensing Manager [ELM]) makes usage and reporting simple. Cisco ELM provides a centralized, at-a-glance view of compliance and allows for redistribution of licensing among supported products. User licensing - based on user profiles - aligns with Cisco User Connect Licenses (UCL) and Cisco Unified Workspace Licensing (UWL) purchasing models.

## More Collaboration Options

Additional collaboration options with the Cisco Business Edition 6000 follow:

- [Advanced Video with Cisco TelePresence®](#) conferencing solutions enables simple session management and control of telepresence conferences, and provides flexible and extensible conferencing applications that can help organizations benefit from increased employee productivity and enhanced communication with partners and customers. The Cisco Business Edition 6000 Advanced Video offer includes co-resident Cisco TelePresence Video Communication Server Control (VCS-Control) software and a license for 5 traversal and 10 nontraversal calls.
- [Cisco Unified Contact Center Express](#) supports up to 100 call center agents with agent-based service as well as fully integrated self-service applications by providing sophisticated and distributed automatic-call-distributor (ACD), interactive-voice-response (IVR), computer-telephony-integration (CTI), and agent and desktop services on a single server. The Business Edition 6000 offers 5, 10, and 25 low-priced agent seat license bundles.
- [Cisco Unified Attendant Consoles](#) provides the human attendant console operator with the tools to quickly accept and effectively dispatch incoming calls to individuals across the organization.

- [Cisco WebEx® Web Conferencing](#) accelerates business results by making your web meetings more productive. This people-centric collaboration solution can enable team members to easily share information through any computer or mobile device. WebEx® Meetings allows people to attend meetings any time, from anywhere, inside and outside corporate firewalls.
- [Cisco Emergency Responder](#) helps assure that Cisco Unified Communications Manager will send emergency calls to the appropriate Public Safety Answering Point (PSAP) for the caller's location, and that the PSAP can identify the caller's location and return the call if necessary. The system automatically tracks and updates equipment moves and changes, helping ensure more effective compliance with legal or regulatory obligations, reducing the risk of liability related to emergency calls as a result.
- [Cisco Prime Unified Provisioning Manager Business Edition](#) provides automated processes for initial deployment and day-2 additions and changes. It significantly speeds deployments, reducing the ongoing costs and expertise required to manage the changes that occur after the network is operational. An administrator can configure policy at various levels to enforce Role-Based Access Control (RBAC) and enable delegation of management tasks. By using simplified workflows and automated processes, it simplifies provisioning and activation of subscribers, significantly reducing time to dial tone, and practically eliminating errors.
- [Cisco Paging Server](#) Version 8.3 provides paging capabilities for all users. Cisco Paging Server supports basic and advanced paging features. The basic paging features require no license and allow point-to-point or group paging between Cisco IP Phones for up to 50 phones per paging group with the ability to configure an unlimited number of paging groups. An advanced paging license allows larger (unlimited) paging groups and enables other advanced functions, including:
  - Paging to overhead analog and IP speakers
  - Bell scheduling
  - Prioritizing emergency notifications with the call-barge option
  - Prerecorded and text-only pages
  - Integration with social media sites for notification
  - Email and Short Message Service (SMS) mass notification
  - Call-number monitoring: 911 alerting
  - Integration with Jabber clients
- Cisco Business Edition 6000 supports co-residency of third-party collaboration applications under following conditions:
  - Maximum of three collaboration applications per Cisco UCS Server
  - Maximum of six collaboration applications per deployment
  - Collaboration applications from Cisco Developer Network: <https://marketplace.cisco.com/catalog/>
  - Collaboration applications from the Cisco Solution Plus Program: [http://www.cisco.com/web/partners/pr46/solutions\\_plus/index.html](http://www.cisco.com/web/partners/pr46/solutions_plus/index.html)

For a comprehensive up-to-date list of allowed third-party applications, refer to the **Cisco Business Edition 6000 Co-residency Policy** available at [http://www.cisco.com/en/US/products/ps11369/prod\\_white\\_papers\\_list.html](http://www.cisco.com/en/US/products/ps11369/prod_white_papers_list.html).

**Warning:** Installing any unapproved application on the Cisco UCS Server purchased as part of Cisco Business Edition 6000 will result in severe penalties, and repeated violation may result in revocation of partner certification.

## Solution Specifications: System Capacity

Table 1 lists the system capacities supported by Cisco Business Edition 6000. For detailed design guidance and deployment models, please refer to the Solutions Reference Network Design (SRND) guides located at:

<http://www.cisco.com/go/srnd> and the wiki pages located at:

[http://docwiki.cisco.com/wiki/Cisco\\_Unified\\_Communications\\_Manager\\_Business\\_Edition\\_6000](http://docwiki.cisco.com/wiki/Cisco_Unified_Communications_Manager_Business_Edition_6000).

**Table 1.** System Capacity

Attribute	Capacity
Maximum number of users	1000
Maximum number of mailboxes and voicemail ports	1000 mailboxes and 24 voicemail ports
Number of contact center agents	100
Number of presence users	1000
Number of devices supported	Medium Density server: 1200 devices High Density server: 2500 devices
Maximum number of co-resident applications	Medium Density server: Five Applications (4 collaboration + 1 management) High Density server: Nine Applications (8 collaboration + 1 management)

## Ordering Information

You can now order Cisco Business Edition 6000 in two ways: A la carte using Cisco User Connect Licensing or as part of a workspace bundle using Cisco Unified Workspace Licensing.

To place an order, contact your local Cisco representative or visit the [Cisco Partner Locator](#) tool on the Cisco website [Partner Locator - Cisco Systems](#). Search on Advanced Unified Communications or on Cisco Authorized Business Edition Reseller to find a certified unified communications partner in your local area.

## Cisco Unified Communications Services

Cisco Unified Communications Services allows you to accelerate cost savings and productivity gains associated with deploying a secure, resilient Cisco Unified Communications Solution on your network. Delivered by Cisco and our certified partners, our portfolio of deployment and technical support services is based on proven methodologies for unifying voice, video, data, and mobile applications on fixed and mobile networks. Our unique lifecycle approach to these services can enhance your technology experience to enable powerful new ways to collaborate with co-workers, partners, and customers across any workspace to accelerate business advantage.

To learn more, please visit <http://www.cisco.com/go/ucservices>.

## For More Information

To learn more about Cisco Business Edition 6000, visit <http://www.cisco.com/go/be6000>.

To learn more about Cisco's complete portfolio offering for midmarket, visit: <http://www.cisco.com/go/midmarket>.

Cisco channel partners and resellers looking for ordering information should refer to the Cisco Business Edition 6000 9.0 ordering guide available with login to the Cisco partner site at:

[http://www.cisco.com/en/US/partner/products/ps11369/products\\_partner\\_resources\\_list.html](http://www.cisco.com/en/US/partner/products/ps11369/products_partner_resources_list.html).



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