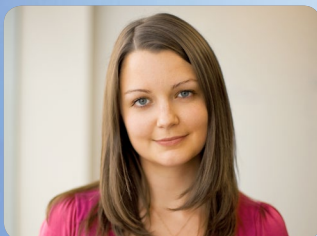




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Cisco Unified IP Phone Portfolio





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Introduction



Leading the Way in Collaboration

Cisco® Unified IP Phones empower your business with a new collaboration experience that connects the right people with the right information at the right time, so you can accelerate team performance and maximize the value of your investment. Effective collaborative experiences among teams, communities, and individuals can also help you:

- Unlock the value of your company's information with relevant, contextual collaboration when at the desktop and when in-campus mobile
- Harness the power of your busy professional staff by enabling them to collaborate confidently with customers, partners, colleagues, and suppliers



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Introduction

- Maximize the use of subject-matter experts (SMEs) with pervasive presence and conferencing capabilities
- Transform business processes with interactive high-quality, business-grade video
- Offer advanced collaborative services
- Offer a broad suite of Cisco and third-party development partner endpoint applications

Cisco began developing IP communications and collaboration solutions in 1997, having provided IP communications services and applications longer than any other vendor. According to Synergy Research, Cisco is now the number one overall voice vendor in the world and the leader in most IP communications categories, including web and audio conferencing and messaging.

Cisco leads the unified communications market with:

- **More unified communications installations:** Cisco has more than 100,000 unified communications customers worldwide

- **More IP endpoints:** Cisco has shipped up to five times more IP phones than our nearest competitor
- **Competitive advantage:** More than 85 percent of Fortune 500 companies now use Cisco Collaboration Solutions to build competitive advantage

In today's economy, your business must meet the needs of a wide range of users with different communications styles and distinct workspaces. Some users prefer to communicate through their desk phones. Others prefer using wireless devices. Still others lean toward soft clients. This brochure can help you determine which Cisco desk phones are right for your organization, where best to use these endpoints, and how they can help you maximize your overall investment in Cisco Collaboration Solutions.



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Introduction

The Cisco Unified IP Phone portfolio includes an impressive array of user-friendly, full-featured phones that can meet the needs of your entire organization, from:

- The company lobby to the desk of your busiest managers
- The manufacturing floor to the executive suite
- The home office
- A branch-office site to a commercial location

This brochure is designed to help you understand the different capabilities of Cisco Unified IP Phones, which include:

- **Affordable voice communications endpoints:** Cisco Unified SIP Phones 3900 Series
- **General business communications endpoints:** Cisco Unified IP Phones 6900 Series and the Cisco IP Phone 7800 Series

- **Professional communications endpoints:** Cisco Unified IP Phones 7900 Series
- **General and specialty collaboration endpoints:** Cisco Unified IP Phones 8800 Series
- **Business collaboration endpoints:** Cisco Unified IP Phones 8900 Series
- **Professional collaboration endpoints:** Cisco Unified IP Phones 9900 Series
- **Cisco Smart Desk portfolio:** Cisco Desktop Collaboration Experience DX600 Series
- **IP endpoint multimedia applications**
- **Analog telephone adaptors and accessories**



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3900 Series

Figure 1. Compact, Simple, Single-Line Analog Replacement



Cisco Unified SIP Phones 3900 Series

Affordable Voice Communications Endpoints

With support focused on basic-featured, business-quality voice communications, the Cisco Unified SIP Phones 3900 Series endpoints are ideal replacements for your traditional analog and digital phones. These entry-level IP endpoints are fully localized for use around the world and well-suited for settings with occasional need for voice communications, such as:

- Lobbies
- Classrooms
- Laboratories
- Hallways

The compact, desk, and wall-mountable Cisco Unified SIP Phones 3900 Series includes a traditional handset and a standard 12-digit dial pad. A two-way navigation cluster with a

select key enables up and down navigation of text presented on the display. A simple monochrome display offers support for caller ID, call history, phone information, and basic settings, making them easy to use. The Cisco Unified SIP Phones 3900 Series comes in charcoal with a finish that is textured and scratch and smudge resistant.

Cisco Unified SIP Phone 3905

The single-line Cisco Unified SIP Phone 3905 is an affordable entry-level voice endpoint that is designed to grow with your small, midsize, or enterprise organization (Figure 1). A monochrome display supports caller ID, call history, and more. IT administrators will find the Cisco Unified SIP Phone 3905 easy to administer, install, and maintain, while reducing infrastructure costs with the ability to co-locate a multimedia PC with a single cable drop back to the wiring closet.



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3900 Series

The Cisco Unified SIP Phone 3905 improves user productivity with features such as:

- Full-duplex speakerphone
- Built-in IEEE 10/100-MB network and PC ports
- Support for two concurrent calls per line with a busy trigger
- Graphical monochrome two-line display
- Message-waiting indicator (MWI) light
- Volume control rocker
- Fixed feature keys for one-touch access to redial, transfer, hold/resume, mute, and speakerphone
- Single-fold foot stand for optimal viewing and comfortable use of keys

The Cisco Unified SIP Phone 3905 could be the ideal solution for:

- Users who do not need a headset
- Users who require basic endpoint security



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6900 Series

Figure 2. Compact, Eco-friendly, and Cost-effective



IP Phone 6901

[General Business Communications Endpoints](#)

[For Occasional Use Settings](#)

General Business Communications Endpoints

Cisco Unified IP Phones 6900 Series

The 6900 Series delivers cost effective voice communication services for occasional use settings, in a clutter-free and earth-friendly, ergonomic design.

For Occasional Use Settings

Cisco Unified IP Phone 6901

The single-line Cisco Unified IP Phone 6901 (Figure 2) is an entry-level endpoint that features a sleek, trimline design and is ideal for occasional use settings such as:

- Lobbies
- Cafeterias
- Hallways
- Elevators
- Conference centers
- Hotel restrooms

The Cisco Unified IP Phone 6901 delivers a simple, intuitive user experience that:

- Supports fixed keys for hold, redial, and call waiting
- Offers a message-waiting and incoming-call indication LED on its handset
- Supports two concurrent incoming calls when using the call-waiting feature
- Provides transfer and conference capabilities through a hook-switch (users simply tap the hook-switch to transfer a call)
- Enables easy viewing angles on desks using a folding foot stand; can also be wall-mounted with third-party wall-mount plates
- Offers seven user-adjustable ringtones



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7800 Series

Figure 3. Cost-Effective, High-Quality, Secure Voice Communications



IP Phone 7800 Series

[General Business Communications Endpoints](#)

[For Light-to-Moderate Voice Communications](#)

[For Moderately Active Users](#)

[For Highly Active Users](#)

General Business Communications Endpoints

The Cisco IP Phone 7800 Series (Figure 3) delivers affordable, high-fidelity, and secure Session Initiation Protocol (SIP)-based voice communications to help make your employees more productive in their day-to-day interactions and advance your business goals.

Powered by comprehensive Cisco IP Communications features, the Cisco IP Phone 7800 Series is an ideal solution for customers who are interested in migrating from older analog and digital telephony systems to Cisco Unified Communications. In addition, existing Cisco customers who wish to expand and/or update their investment in voice communications endpoints should consider this portfolio. Midsize to large enterprise companies are ideally suited for the Cisco IP Phone 7800 Series.

The 7800 Series introduces three models to the portfolio. The models range in their support from users with a 2-line model for light voice communications needs to a 16-line model for highly active users of voice communications.

The 7800 Series models offer the following features and capabilities as standard:

- High-fidelity audio (i.e., wideband) through speaker, handset, and headset for crystal-clear audio quality and performance
- Easy viewing at a glance on 3.5-in. (8.9-cm) grayscale, 396- x 162-pixel, white-backlit, high-resolution liquid crystal displays
- Dedicated fixed keys for Conference, Transfer, Hold/Resume, Directory and Services plus two-way navigation button
- Two-position foot stand to optimize viewing angles under varied lighting conditions
- Programmable line keys (number varies by endpoint model) for flexibility in assigning lines or features, such as speed dials
- Tricolor LEDs on programmable line keys for call status notification at a glance
- Multiple-call per-line appearance, delivering more powerful and flexible call navigation and session management



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7800 Series

- Four context-sensitive programmable soft keys for more dynamic feature interaction and enhanced user experience
- Full-duplex communications, increasing personal productivity when engaged in multiparty conversations
- Electronic hook switch for enhanced call management (answer, end, and mute calls) through third-party headsets by using the 7800 Series auxiliary port
- IEEE integrated switch to reduce costs of infrastructure to the desk by routing PC traffic through the 7800 Series endpoint (speed varies by endpoint model)
- Low power consumption as IEEE Power over Ethernet (PoE) Class 1 devices
- Power-save options that can reduce power consumption, in off hours, up to 60 percent versus the phone in idle state with Cisco EnergyWise™ technology

Optional features of the Cisco IP Phone 7800 Series include:

- Wall-mount kit: The kit is available separately for order
- Bezel customization: You can replace the standard black bezel with a silver bezel (available separately for order)

The Cisco IP Phone 7800 Series supports multiple-call per-line appearance on all models. With this feature, you can take advantage of more sophisticated call-navigation capabilities with support for multiple call sessions on a per-line basis. For example, on a 2-line endpoint, you can be on an active call and navigate to pick up a second incoming call on the same line, while the first call is automatically placed on hold. You can then switch back and forth between these two call sessions, as required. This capability offers your organization sophisticated and powerful communication options that are not typically available from traditional telephony or hybrid systems.

[General Business Communications Endpoints](#)

[For Light-to-Moderate Voice Communications](#)

[For Moderately Active Users](#)

[For Highly Active Users](#)



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7800 Series

Figure 4. IP Phone 7800 Series



IP Phone 7821
For Light to Moderate Voice Communications



IP Phone 7841
For Moderately Active Users



IP Phone 7861
For Highly Active Users

[General Business Communications Endpoints](#)

[For Light-to-Moderate Voice Communications](#)

[For Moderately Active Users](#)

[For Highly Active Users](#)

For Light-to-Moderate Voice Communications

Cisco IP Phone 7821

The 2-line Cisco IP Phone 7821 (Figure 4-top) is an ideal choice for information workers and teleworkers. It is well-suited for users who have light-to-moderate voice communications requirement needs.

The 7821 endpoint includes an IEEE 10/100 integrated switch to support traffic from a co-located PC as standard.

The two programmable line/feature keys feature tricolor LEDs that provide call status notification at a glance.

For Moderately Active Users

Cisco IP Phone 7841

The 4-line Cisco IP Phone 7841 (Figure 4-center) is an ideal endpoint for moderately active voice users. It is well-suited for knowledge workers, administrative staff, and managers who have moderate voice communications needs.

The four programmable line/feature keys come with tricolor LEDs to see call status at a glance.

The Cisco IP Phone 7841 comes standard with an IEEE PoE 10/100/1000 switch (Gigabit Ethernet) that supports the traffic from a co-located PC.

For Highly Active Users

Cisco IP Phone 7861

The 16-line Cisco IP Phone 7861 (Figure 4-bottom) is an ideal endpoint for users with active voice communication needs. The 7861 endpoint is well-suited for administrative staff, managers, contact center agents, and supervisors.

The 16 programmable line/feature keys offer tricolor LEDs to provide call status identification at a glance.

An integrated IEEE 10/100 Ethernet switch supports the traffic from a co-located PC.

The Cisco IP Phone 7861 also includes a customizable, paper-label insert that can be locally printed for one-touch access to commonly used features for communications.



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7900 Series

Figure 5. Large Display Screens, Rich Graphics, More Information



IP Phone 7900 Series

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

[Increased Mobility](#)

[Enhanced Access and Scalability](#)

Professional Communications Endpoints

Cisco Unified IP Phones 7900 Series

If your business requires high-fidelity voice, vibrant color displays, Gigabit Ethernet connectivity, and more than basic support for endpoint applications, the Cisco Unified IP Phone 7900 Series is the portfolio for you.

The Cisco Unified IP Phones 7900 Series (Figure 5) delivers these capabilities on selected models while also supporting multiple-call per-line appearance on most models. With multiple-call per-line appearance, you can take advantage of more sophisticated call-navigation capabilities with support for multiple call sessions on a per-line basis. For example, on a 2-line endpoint, you can be on an active call and navigate to pick up a second incoming call on the same line, while the first call is automatically placed on hold. You can then switch back and forth between these two call sessions, as required. This

capability offers your organization sophisticated and powerful communication options that are not typically available from traditional telephony or hybrid systems.

The portfolio includes both wired and wireless endpoints.

The Cisco Unified IP Phones 7900 Series supports a rich suite of endpoint applications, including XML-based applications on all models.

Businesses that integrate custom and ready-to-use IP endpoint applications into their IP phones can:

- Reduce operating and administration costs
- Increase revenue
- Improve employee productivity
- Enhance customer satisfaction and loyalty
- Transform business processes



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7900 Series

Selected endpoints in the Cisco Unified IP Phones 7900 Series make it possible to access applications quickly and easily because these special endpoints:

- Come equipped with expanded memory to support graphics-intensive applications and value-added services
- Feature large LCD screens, in either grayscale or color, that can display richer graphics and deliver more information
- Offer a four-way navigation cluster plus a select key to enhance your navigation experience

The Cisco Unified IP Phones 7900 Series offers a broad portfolio of powerful, award-winning endpoints for people at their desktops or in conference rooms and for mobile campus-based workers.

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

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7900 Series

Figure 6. High-Definition Audio, Rich Display Experience, High-Speed Connectivity



IP Phone 7945G, 7965G and 7975G

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

[Increased Mobility](#)

[Enhanced Access and Scalability](#)

Full-Featured Endpoints

Cisco Unified IP Phone 7942G, 7945G, 7962G, 7965G, and 7975G Endpoints

These full-featured endpoints (Figure 6) have speakerphones and handsets designed specifically for superior high-fidelity or wideband audio. An expanded application suite includes support for XML applications.

Selected models also deliver high-resolution color displays, touchscreen functions, and Gigabit Ethernet switch ports for fast communications access. These IP endpoints are well-suited for knowledge workers, administrative staff, managers, and executives.

The Cisco Unified IP Phone 7942G has:

- Two programmable backlit line or feature keys for quick access to communications
- A large 5-inch, high-resolution, 320- x 222-pixel graphical grayscale display for greater detail in both features and applications delivery

- High-fidelity audio (wideband) support for headset, handset, and full-duplex speakerphone, which provides superior audio performance
- Integrated IEEE 10/100 switch ports, which support co-location of a PC at the workspace

The Cisco Unified IP Phone 7945G builds on the capabilities of the Cisco Unified IP Phone 7942G endpoint and includes:

- A large 5-in. (12.7 cm), backlit, high-resolution thin-film transistor (TFT), 320- x 240-pixel graphical color display for superior detail in both features and applications delivery
- Accelerated connectivity with the addition of Gigabit Ethernet switch ports to support bandwidth-intensive applications from a co-located PC
- Four-way navigation cluster plus a select key, which allow you to scroll vertically and horizontally for a superior navigation experience



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7900 Series

The Cisco Unified IP Phone 7962G includes:

- Six programmable backlit line or feature keys for quick access to communications
- A large 5-in. (12.7 cm), high-resolution, 320- x 222-pixel graphical grayscale display for greater detail in both features and applications delivery
- High-fidelity audio (wideband) support for headset, handset, and full-duplex speakerphone, which provides superior audio performance
- Integrated IEEE 10/100 switch ports, which support co-location of a PC at the workspace

The Cisco Unified IP Phone 7965G builds on the capabilities of the Cisco Unified IP Phone 7962G endpoint, with:

- A large 5-in. (12.7 cm), backlit, high-resolution, 320- x 240-pixel graphical color display for superior detail in both features and applications delivery
- Accelerated connectivity with the addition of Gigabit Ethernet switch ports to support bandwidth-intensive applications from a co-located PC

- Four-way navigation cluster plus a select key, which allow you to scroll vertically and horizontally for a superior navigation experience

The Cisco Unified IP Phone 7975G features:

- Eight programmable backlit line or feature keys for quick access to communications
- A large 5.6-in. (12.7 cm), high-resolution, 320- x 240-pixel graphical color display with touchscreen for superior features and application detail and interaction
- High-fidelity audio (wideband) support for headset, handset, and full-duplex speakerphone, which provides superior audio performance
- Integrated IEEE 10/100 switch ports, which support co-location of a PC at the workspace
- Accelerated connectivity with the addition of Gigabit Ethernet switch ports to support bandwidth-intensive applications from a co-located PC

[Professional Communications Endpoints](#)

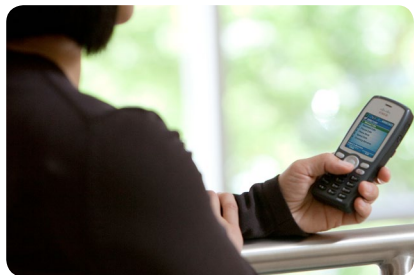
[Full-Featured Endpoints](#)

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7900 Series

Figure 7. Robust Features, Wired-Equivalent Capabilities, Easily Programmed



IP Phone 7925G

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

[Increased Mobility](#)

[Enhanced Access and Scalability](#)

- Four-way navigation cluster plus a select key, which allow you to scroll vertically and horizontally for a superior navigation experience

Increased Mobility

Cisco Unified Wireless IP Phones 7925G, 7925G-EX, and 7926G Endpoints

For people who need to move about the workspace or within the campus, Cisco offers Voice over Wireless LAN endpoints (Figure 7) that deliver many of the same robust features and capabilities as equivalent wired Cisco Unified IP Phones 7900 Series endpoints. You can program these phones with six extensions or a combination of extensions and speed dials.

The Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G endpoints all include:

- A 2-in. (5.1 cm) 176- x 220-pixel color display for easy viewing
- Built-in full-duplex speakerphones for high-quality, hands-free communications

- High-fidelity voice for exceptional voice quality
- Dedicated Mute and Volume buttons
- Support for 802.11a, b, and g protocols
- Fast roaming and extension mobility
- XML-enabled applications such as displayed text and graphics-based messages and push-to-Talk for a walkie-talkie-like experience
- “Office extend”, which enables you to access the same set of Cisco Unified Communications features you enjoy at work when you are at home
- Quality-of-service (QoS) assurance
- Robust wireless and voice security features with multiple standards



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7900 Series

Figure 8. Rugged, Feature-rich, and Certified for Deployment in Industrial Environments



IP Phone 7925G-EX

- [Professional Communications Endpoints](#)
- [Full-Featured Endpoints](#)
- [Increased Mobility](#)
- [Enhanced Access and Scalability](#)

The Cisco Unified Wireless IP Phone 7925G is designed for demanding environments such as healthcare and manufacturing. Features of the compact and easy-to-hold Cisco Unified Wireless IP Phone 7925G include:

- A ruggedized exterior that meets the military standard (MIL-STD 810F) for shock resistance
- Compliance with Ingress Protection Code (IP54) for dust and water resistance
- Bluetooth v2.0 headset profiles, delivering exceptional quality and added freedom
- Expanded battery life that delivers a minimum of 13 hours talk time and up to 240 hours of standby time

The Cisco Unified Wireless IP Phone 7925G-EX (Figure 8) builds upon the capabilities of the Cisco Unified Wireless IP Phone 7925G and extends Cisco Collaboration capabilities to hazardous environments. This rugged, feature-rich IP phone provides rich-media, collaborative communications, specifically for mobile workers, and is certified for deployment in more challenging industrial environments,

such as oil refineries and chemical, utility, and manufacturing facilities.

The Cisco Unified Wireless IP Phone 7925G-EX incorporates industry-standard yellow plastics for fast recognition in emergencies. The phone is designed with employee safety in mind. Certifications include:

- Atmospheres Explosibles (ATEX) Zone 2/Class 22 certification, which protects employees from explosion risk in areas with an explosive atmosphere by preventing ignition of gas vapors by the phone
- Canadian Standards Association Class 1 Division 2 certification, which permits use of the phone in an environment where explosive gases are periodically present
- Ingress Protection Code (IP64) rating, which means the device is sealed against dust and water
- An applications key that provides direct access to productivity-building applications such as Push-to-Talk and Lone Worker



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7900 Series

Figure 9. 2D Bar Scanner, Desktop Docking Station, and Support for Gigabit Ethernet



IP Phone 7926G

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

[Increased Mobility](#)

[Enhanced Access and Scalability](#)

The Cisco Unified Wireless IP Phone 7926G (Figure 9) builds upon the features of the Cisco Unified Wireless IP Phone 7925G, delivering many of the same features and capabilities. This phone includes the addition of a two-dimensional (2D) EA 11 bar-code scanner. Unlike a 1D bar-code scanner, which typically uses a laser to read the bar code, the 2D scanner uses LEDs to illuminate the image and take a picture. The phone then decodes the image and presents the barcode information to the back-end systems application. The addition of the 2D scanner makes the Cisco Unified Wireless IP Phone 7926G ideal for environments that require scanning capability and unified communications in a single, cost-effective device. This device consolidation increases productivity, reduces total cost of ownership (TCO), and enhances responsiveness in customer interactions.



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7900 Series

Figure 10. Scalable, Maximized Call Coverage, Personalized Communications



IP Phone Expansion Module 7916

Enhanced Access and Scalability

Cisco Unified IP Phone Expansion Modules 7915 and 7916

Cisco offers extended call-coverage capabilities for administrative personnel with two expansion modules: the Cisco Unified IP Phone Expansion Module 7915 and the Cisco Unified IP Phone Expansion Module 7916 (Figure 10).

With these modules you can monitor and manage call status with additional buttons and an LCD screen. You can instantly determine the status of numerous lines beyond the number of lines supported on Cisco Unified IP Phone 7962G, 7965G, and 7975G models.

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

[Increased Mobility](#)

[Enhanced Access and Scalability](#)



Introduction	Cisco Unified IP Phones 6900 Series	Cisco Unified IP Phones 7900 Series	Cisco Unified IP Phones 8900 Series	Smart Desk: Cisco DX600 Series	Analog Telephone Adaptor & Accessories
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8800 Series

Figure 11. Comprehensive and Secure Communications



Cisco Unified IP Conference Phone 8831 and Accessories

[General Collaboration Endpoints](#)

[High-performance Audio Conferencing](#)

General Collaboration Endpoints

Cisco Unified IP Phones 8800 Series

The Cisco Unified IP Phones 8800 Series (Figure 11) delivers highly secure, comprehensive, and mission-critical unified communications features combined with wideband full-duplex audio performance. These phones greatly improve collaboration and business results for midsize-to-enterprise businesses.

With the Cisco Unified IP Phones 8800 Series, your business can benefit from:

- Comprehensive unified communications features delivered from Cisco Unified Communications Manager and Cisco Business Edition 6000 systems and Cisco Hosted Collaboration Solution

- Full-duplex, two-way wideband (G.722) audio performance for mission-critical collaboration
- Communications security to keep business conversations private, using 128K Advanced Encryption Standard (AES)
- Support for PoE for reduced infrastructure by eliminating the need for local power supplies
- Support for SIP for greater interoperability and flexibility



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8800 Series

Figure 12. Greater Room Coverage, Flexible Accessory Options, Superior Acoustical Audio Performance



Cisco Unified IP Conference Phone 8831

[General Collaboration Endpoints](#)

[High-performance Audio Conferencing](#)

High-Performance Audio Conferencing

Cisco Unified IP Conference Phone 8831

The Cisco Unified IP Conference Phone 8831 (Figure 12) facilitates a more productive in-room and executive office conferencing experience. Designed specifically for use in small to large-size conference rooms and executive offices, it delivers “as good as being there” acoustical performance with crisp highs and clear lows. Features include:

- **Superior high-definition (HD) audio performance:** The full-duplex wideband (G.722) hands-free speaker helps improve productivity for mission-critical communications. Its acoustical design and performance result in a superior audio experience
- **Enhanced room coverage:** You can “tether” or daisy chain together, up to a maximum of two base units, for greater 360-degree coverage in larger conference rooms and executive offices up to 1500 square feet (139.4 square meters) in size.
- **Real-world convenience:** New with the IP Conference Phone 8831 is the wired control panel with dial pad. The wired control panel with dial pad flexibly supports meetings with more than one chairperson – even when they are seated apart from each other. Users simply rotate the control unit toward the chairperson for quick, convenient access
- **Deployment flexibility:** With support for Digital Equipment Cordless Technology (DECT), optional wireless extension microphones and wireless microphone charging stations can now be deployed. Wireless microphones are useful in larger conference rooms and executive offices where microphones can be easily relocated to accommodate multiple participants. There is also optional support from wired extension microphones for non-DECT environments
- **Increased security:** Support for Advanced Encryption Standard (AES) 128-bit encryption enables more secure communications for financial, healthcare, and government environments



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8900 Series

Figure 13. Encourage Collaboration, Improve Company Efficiency, and Reduce Costs



Cisco Unified IP Phones 8900 Series

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Business Collaboration Endpoints

Cisco Unified IP Phones 8900 Series

If you are looking for ways to widely encourage collaboration and improve company efficiency and productivity while reducing operating costs, the Cisco Unified IP Phones 8900 Series (Figure 13) can help you do it all. These business collaboration endpoints are ideal for information workers, managers, and executives who seek an affordable, multimedia experience with support of Cisco unified and video communications as standard.

The Cisco Unified IP Phones 8900 Series accelerates business success by delivering a high-quality multimedia communications experience. On selected models this series also supports XML applications, which can help your company address business processes in new ways, reduce operating and administration costs, and boost productivity. (For more information about XML applications, visit the “[IP Endpoint Multimedia Applications](#)” section of this brochure.)

Benefits and productivity-building features of the Cisco Unified IP Phones 8900 Series include:

- **High-quality multimedia communications:** The IP Phone 8945 (Figure 13-right) supports integrated VGA-quality video cameras for standard-definition (640- x 480-pixel) video communications. Thus, with the 8900 Series, you have the choice to deploy video immediately or add video when your business wants to adopt it
- **Clean, uncluttered communications:** An elegant user-friendly design includes rounded ergonomic keys for an enhanced tactile feel, resulting in easier navigation and improved accuracy in interaction
- **Enhanced viewing:** A large, backlit, vibrant high-resolution, fully adjustable color display enhances the user experience for easy viewing at a variety of angles and under a variety of lighting conditions
- **Greater choice and convenience:** The IP Phone 8961 (Figure 13-left) supports one standard USB 2.0 port supports USB headsets for greater choice and convenience



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8900 Series

- **Crisper, clearer audio performance:** High-definition voice (HD voice) provides superior audio performance with HD voice headset, handset, and speaker support, so everyone – even international callers – can distinguish the difference between an “F” and an “S” and the difference between an “M” and an “N.” This level of performance reduces user fatigue and increases productivity (8945 model only)
- **Streamlined user experience:** The phone has fixed keys for commonly used telephony functions such as conference, transfer, and hold
- **Support for multiple sessions per line:** Tricolor illuminated LED line, feature, and session keys provide at-a-glance indication of caller session status, increasing productivity (8961 model only)
- **Bluetooth communications:** The Cisco Unified IP Phone 8945 supports the Bluetooth hands-free profile for Bluetooth headsets, along with speakerphones, keyboards, and mice, so you can untether workers and enhance their productivity

With the Cisco Unified IP Phones 8900 Series, Cisco continues our ongoing commitment to green solutions. We use reground and recyclable plastics to manufacture the phones, with slimline and standard handset styles that increase comfort and choice.

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)



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8900 Series

The Cisco Unified IP Phones 8900 Series endpoints can help organizations reduce costs in numerous ways, including:

- **Reduced infrastructure costs:** Integrated switch ports support a high-speed network connection and co-location of a multimedia PC, so PC traffic can run through the switch port of the phone and only one cable drop is required back to the wiring closet
- **Easy and cost-effective scalability:** An optional Cisco Unified IP Color Key Expansion Module accessory provides easy expansion of programmable line and feature keys. Instead of provisioning additional phones in busy environments, simply add an expansion module to your Cisco Unified IP Phones 8900 Series endpoint (8961 model only)

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)



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8900 Series

Figure 14. Ready to Create, Send, and Share Video



Cisco Unified IP Phone 8945

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Accelerate Success with Business Multimedia Endpoints

Cisco Unified IP Phone 8945

For customers seeking endpoints with integrated video capability, the Cisco Unified IP Phone 8945 (Figure 14) can be the perfect solution for you. You can use this endpoint to deliver multimedia capabilities such as:

- Participating in single-stream, standard-definition (SD) video calls or multistream calls with other Cisco video endpoints, including the Cisco TelePresence® System and Cisco TelePresence EX Series

The Cisco Unified IP Phone 8945 features:

- **A high-resolution, rich-media display:** The large 5-in. (12.7 cm), 640- x 480-pixel VGA color display is backlit and fully adjustable for easy viewing under varied lighting conditions
- **Advanced call navigation:** A three-way navigation cluster plus a select key enable vertical and horizontal scrolling
- **Crystal-clear communications:** HD voice (wideband audio) and full-duplex speakerphone deliver exceptional voice quality

- **Streamlined access to frequently used features:** Four programmable feature keys and four programmable soft keys streamline communications and increase productivity
- **Quick call status identification:** The phone has four illuminated line keys
- **Fixed feature keys:** Fixed keys include keypad, media, conference, transfer, hold, back, end call, applications, directories, and voicemail
- **Support for PC co-location:** Integrated IEEE 10/100 MB network and PC ports reduce costs, enabling co-location of a PC
- **Gigabit Ethernet switch:** An integrated IEEE 10/1000/1000 switch supports co-location of a multimedia PC. The 8945 model is an IEEE PoE Class 2 device
- **Bluetooth integration:** Support for Bluetooth hands-free profile delivers additional freedom and convenience with access to Bluetooth peripherals such as Bluetooth headsets, Bluetooth keyboards, mice, and speakerphones from third parties



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8900 Series

Figure 15. Flexible and Convenient Communications, Superior Audio, Enhanced Viewing



Cisco Unified IP Phone 8961

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Cisco Unified IP Phone 8961

You will find robust capabilities for multimedia communications and enhanced unified communications in this advanced professional media endpoint (Figure 15).

The Cisco Unified IP Phone 8961 extends productivity-building features from Cisco Unified Communications Manager and Cisco Business Edition systems. Features and benefits include:

- **A rich-media display:** The large 5-in. (12.7 cm), 640- x 480-pixel VGA high-resolution color display is backlit and fully adjustable for easy viewing under varied lighting conditions
- **At-a-glance functions:** Ten tricolor illuminated LED line and feature keys support at-a-glance status for both primary and shared lines. You can program five keys for line appearances, speed dials, or calling features such as Call Park. The other five keys are session keys that provide call details about each session

- **Easy access to productivity-building features:** Fixed keys deliver fast access to features from Cisco Unified Communications, including directory, settings, transfer, conference, hold, and messages
- **Easy expansion:** The Cisco Unified IP Phone 8961 supports one Cisco Unified IP Color Key Expansion Module, making expansion of programmable line and feature keys easy and affordable
- **Ready for global deployments:** The display is capable of right-to-left language presentation, which reduces the cost of global deployments (for example, for Arabic and Hebrew)

8900 Series

Figure 16. Easy Expansion, One-touch Access, and Personalized Service



IP Color Key Expansion Module

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Maintain a Personal Touch

Cisco Unified IP Color Key Expansion Module

This optional accessory is ideal for executives, managers, and administrative staff who wish to maintain a personal touch. Instead of provisioning additional endpoints, this module (Figure 16) enables you to add line and feature keys to the Cisco Unified IP Phone 8961 endpoint. You can use the expansion module to:

- Give your executives one-touch access to more staff members
- Enable personnel to route incoming departmental calls to a single location, offering more personalized service
- Help busy managers and administrative staff monitor line status for their teams and pick up calls if team members are unavailable or busy with another caller

Features of the Cisco Unified IP Color Key Expansion Module include:

- Eighteen physical, tricolor, illuminated programmable line and feature keys
- A second page key that provides access to 18 additional programmable keys (for a total of 36 keys)
- Support for Busy Lamp Field (BLF), Direct Station Selection (DSS), and auto-dial features



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9900 Series

Figure 17. Interactive Video, High-Quality Communications, Affordable and Scalable



IP Phones 9900 Series

[Professional Collaboration Endpoints](#)

[Standard-Definition Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Professional Collaboration Endpoints

Cisco Unified IP Phones 9900 Series

Video is personal and efficient, and it can be everywhere with the Cisco Unified IP Phones 9900 Series (Figure 17). It transforms your phone into a full-featured video phone.

With the Cisco Unified IP Phones 9900 Series, Cisco brings collaborative multimedia capabilities that are ideal for information workers, managers, and executives who seek greater productivity with a collaborative multimedia experience. The 9900 Series supports interactive, high-quality, business-grade standard-definition video, enabled directly from the optional Cisco Unified Video Camera, and supports full-screen, two- and multiparty H.264 SD video (up to 30 frames per second (fps)). (Note: Multiparty video support may require a customer-supplied multipoint control unit (MCU)).

The Cisco Unified IP Phones 9900 Series was designed with collaborative environments in mind. With the Cisco Unified Video Camera and these collaborative media endpoints on the desks of professionals throughout your organization, you can enjoy the many benefits of interactive video. With the 9900 Series, you can:

- Elevate and personalize communications, so you can improve the quality and speed of decisions
- Enhance collaboration between geographically dispersed teams and workgroups, so you can improve and accelerate team performance
- Enable busy executives to meet “face-to-face” without ever leaving their offices
- Scale compelling, integrated collaboration experiences across your organization, quickly and cost-effectively
- Collaborate with confidence within and between businesses



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9900 Series

In addition to multiparty, standard-definition video, Cisco Unified IP Phones 9900 Series endpoints take advantage of the suite of features and applications in Cisco Unified Communications. They also have access to the portfolio of XML applications that can help you transform business processes, reduce operating and administration costs, and boost productivity. (For more information about XML applications, visit the “Endpoint Applications” section of this brochure.)

Benefits and productivity-building features of the Cisco Unified IP Phones 9900 Series deliver:

- [Professional Collaboration Endpoints](#)
- [Standard-Definition Video for Better Collaboration](#)
- [Transform Communications with Video](#)
- [Extend Multiparty Video Across the Enterprise](#)
- [Scale Responsively](#)

- **Personalized collaborative communications with video:** Interactive, high-quality standard-definition video accelerates decision making
- **Clean, uncluttered communications:** An elegant, ergonomic, user- and ecofriendly design makes navigation easy and enhances interactions. Rounded ergonomic keys provide an enhanced tactile feel that improves accuracy in interaction

- **Enhanced viewing:** Large, backlit, vibrant high-resolution color displays enhance the user experience. Displays are fully adjustable for easy viewing at a variety of angles and under a variety of lighting conditions
- **Greater freedom, choice, and convenience:** With support for Bluetooth hands-free profile and dual standard USB 2.0 ports, you can take advantage of peripherals such as keyboards and mice along with USB wired and Bluetooth headsets
- **Crisper, clearer audio performance:** HD voice provides superior audio performance with HD voice headset, handset, and speaker support, so everyone – even international callers – can distinguish the difference between an “F” and an “S” and the difference between an “M” and an “N”. This level of performance reduces user fatigue and increases productivity



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9900 Series

With the Cisco Unified IP Phones 9900 Series, Cisco continues our ongoing commitment to green solutions. We use reground and recyclable plastics to manufacture the phones. The Cisco Unified IP Phones 9900 Series endpoints can help organizations reduce costs in numerous ways, including:

- **Energy cost savings:** In off hours, a power-save option reduces power consumption by up to 90 percent (compared to the active state of the phone during the work day). This reduced power consumption can provide ongoing savings across your organization
- **Reduced infrastructure costs:** Gigabit switch ports support a high-speed network connection and co-location of a multimedia PC, so PC traffic can run through the switch port of the phone and only one cable drop is required back to the wiring closet

- **Easy and cost-effective scalability:** Select phone models support the Cisco Unified IP Color Key Expansion Module for easy expansion of programmable line and feature keys. Instead of provisioning additional phones in busy environments, simply add an expansion module to your Cisco Unified IP Phones 9900 Series endpoints

[Professional Collaboration Endpoints](#)

[Standard-Definition Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

9900 Series

Figure 18. Interactive Video, Rich Multimedia Applications, Superior Audio



IP Phone 9951

[Professional Collaboration Endpoints](#)

[Standard-Definition Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Standard-Definition Video for Better Collaboration

Cisco Unified IP Phone 9951

High-quality, interactive business video can accelerate business success. The Cisco Unified IP Phone 9951 delivers it directly to your desktop phone (Figure 18).

Interactive video makes communications more effective and more personal. In addition to interactive multimedia collaboration, the Cisco Unified IP Phone 9951 also features:

- **A rich-media display:** The large 5-in. (12.7 cm), high-resolution 640- x 480-pixel VGA, vibrant, graphical, color display is backlit and fully adjustable for easy viewing under varied lighting conditions
- **At-a-glance functions:** Ten tricolor illuminated LED line, feature, and session keys support at-a-glance indication of caller session status for both primary and shared lines. This feature simplifies the user experience and increases productivity

You can program five keys for line appearances, speed dials, or calling features such as Call Park. The other five keys are session keys that provide call details about each session

- **Streamlined user experience:** Four programmable soft-label keys deliver fast access to commonly used telephony functions such as conference, transfer, and hold
- **Easy and cost-effective scalability:** The Cisco Unified IP Phone 9951 supports up to two Cisco Unified IP Color Key Expansion Modules for expansion of programmable line and feature keys
- **Ready for global deployments:** The display is capable of right-to-left language presentation, which reduces the cost of global deployments (for example, for Arabic and Hebrew)

Cisco Unified IP Phone 9951 endpoints are available in charcoal with slimline and standard handset styles that increase comfort and choice.



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9900 Series

Figure 19. Integrated Wireless Communications, Touchscreen Convenience, Multiparty Collaboration



IP Phone 9971

[Professional Collaboration Endpoints](#)

[Standard-Definition Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Transform Communications with Video

Cisco Unified IP Phone 9971

This endpoint can transform communications by enabling standard-definition video collaboration directly from the IP endpoint (Figure 19). Without the expense of live onsite meetings, interactive video can help you deliver more compelling, more engaging, and more effective communications than voice-only and text-centric communications.

The Cisco Unified IP Phone 9971 enables affordable interactive personal desktop video that can be easily scaled across the enterprise. The 9971 endpoint also features:

- **A rich-media display:** The large 5.6-in. (14.2 cm), high-resolution 640- x 480-pixel VGA display offers touchscreen functions for a premier user experience. The vibrant, graphical, color display is backlit and fully adjustable for easy viewing under varied lighting conditions
- **Built-in wireless communications:** Integrated 802.11a/b/g Wi-Fi radio reduces

infrastructure costs through reduced cabling when deployed in voice-over-wireless LAN (VoWLAN) networks

- **Touchscreen convenience:** Four soft-label programmable touchscreen keys deliver fast access to features from Cisco Unified Communications
- **At-a-glance functions:** Twelve tricolor illuminated LED line, feature, and session keys support at-a-glance status for primary and shared lines. You can program six keys for line appearances, speed dials, or calling features such as Call Park. The other six keys are session keys that provide call details on each session
- **Easy expansion:** The Cisco Unified IP Phone 9971 supports up to three Cisco Unified IP Color Key Expansion Modules for easy expansion of programmable line and feature keys

Cisco Unified IP Phone 9971 endpoints are available in charcoal with slimline and standard handset styles that increase comfort and choice.



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9900 Series

Figure 20. Personalize Communications, Accelerate Decision Making, Cost-Effective



Cisco Unified Video Camera

[Professional Collaboration Endpoints](#)

[Standard-Definition Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Extend Multiparty Video Across the Enterprise

Cisco Unified Video Camera

Enable rich, interactive two- and multiparty video collaboration directly from your Cisco Unified IP Phones 9900 Series endpoints with the Cisco Unified Video Camera (Figure 20). (Note: Multiparty video may require a customer-supplied MCU.) The camera has a compact, ergonomic design that transparently integrates into the 9900 Series ergonomic design for a very pleasing look. The camera delivers high-performance H.264 standard-definition video communications – up to 30 fps. (An auto-configuration option delivers a ready-to-use connection into the phone USB port).

The Cisco Unified Video Camera personalizes and elevates communications by giving you:

- Flexibility to display full-screen and picture-in-picture for an enhanced experience
- Digital software, which enables pan/zoom and tilt functions
- A convenient video mute, which makes it possible to stop sending video at the local end



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9900 Series

Figure 21. Extend Investment, Expand Touchpoints, Increase Scalability



Cisco Unified IP Color Key Expansion Module

[Professional Collaboration Endpoints](#)

[Standard-Definition Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Scale Responsively

Cisco Unified IP Color Key Expansion Module

Help busy managers and administrative staff increase responsiveness to inbound callers without losing that “personal touch.” Instead of provisioning additional phones in busy environments, simply add a Cisco Unified IP Color Key Expansion Module (Figure 21) to your Cisco Unified IP Phones 9900 Series endpoints.

Each module provides 18 physical tricolor programmable keys. The Shift/Page key provides access to 18 additional programmable keys (for a total of 36 extra keys).

- The Cisco Unified IP Phone 9951 supports up to two expansion modules, for a total of 77 appearances
- Cisco Unified IP Phone 9971 supports up to three expansion modules, for a total of 114 appearances

This superior scalability reduces costs while increasing responsiveness in manager and administrative environments. The Cisco Unified IP Color Key Expansion Module includes support for:

- BLF
- DSS
- Auto-dial features



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Smart Desk: Cisco DX600 Series

Figure 22. Cisco Desktop Collaboration Experience DX 600 Series



Cisco DX650 Endpoint

[Advanced Collaboration Endpoints](#)

[Provide the “Face-to-Face” Experience People Prefer](#)

Advanced Collaboration Endpoints

Cisco Desktop Collaboration Experience DX600 Series

The Cisco Desktop Collaboration Experience DX600 Series (DX600 Series) introduces a new category of IP endpoints, called Cisco Smart Desk Phones (Figure 22). These phones are multicollaborative and communications-focused endpoints that are specifically designed to support the evolving needs of today’s geographically dispersed workforce. Fully integrated Cisco Unified Communications and Collaboration capabilities including HD audio and video communications, conferencing, integrated presence and chat, web browsing, and personalization options with Android put the Cisco DX600 Series in a class of its own.

The Cisco DX600 Series introduces the DX650 endpoint. The DX650 is ideal for the “doers” in your organization – the big decision makers, key facilitators, and subject-matter and customer experts.

This next-generation Cisco Smart Desk Phone can fuel innovation for people who regularly interact with remote experts and work full or part time in:

- Residences
- Campus and remote branch offices
- Cubicles
- Contact centers
- Shared offices or “hot desks”
- Small conference rooms

What sets the Cisco DX600 Series apart is its unique blend of business and consumer-style functions. This innovative IP endpoint offers the following benefits:

- Mission-critical communications, high-fidelity (wideband) voice and HD (up to 1080p) video provide an exceptionally high-quality, yet affordable, experience
- Multitouch, touchscreen navigation for “tap to launch” and “pinch/zoom” capabilities enable intuitive navigation that simplifies communications



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Smart Desk: Cisco DX600 Series

- Rich unified communications capabilities such as Contact Badges for multimodal communications, Single Number Reach, multiuser profiles, and more, propel productivity
- Integrated collaboration for real-time web conferencing and document sharing, presence, secure enterprise-grade chat, and more accelerate interactions
- External display support allows you to display “mirrored” content with the same application on the DX650 display and on an adjacent LCD. You also have the option of using Dual Independent Display for different content on the adjacent LCD display for true multitasking
- Support for both wired and Bluetooth wireless desktop accessories, such as mouse and keyboards, enhance the user navigation experience
- Open Android Operating System now enables you to run the same apps you use on your mobile devices when at your desk – if granted by IT – whether they are commercially based or custom applications developed by your organization
- Personalized experiences enable customization options such as individually chosen wallpapers and ringtones, along with unified communications widget apps such as speed dials and grouping of contacts, making it possible for you to personalize your communications experience for a better experience
- Cloud applications and services offer an integrated browser for cloud access as needed by the business.
- Wired and 802.11a/b/g/n Wi-Fi connectivity for flexible deployment options reduces costs and infrastructure requirements

[Advanced Collaboration Endpoints](#)

[Provide the “Face-to-Face” Experience People Prefer](#)



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Smart Desk: Cisco DX600 Series

[Advanced Collaboration Endpoints](#)

[Provide the “Face-to-Face” Experience People Prefer](#)

- Personal mobile device integration enables the DX650 Smart Desk Phone to deliver greater flexibility and convenience to enhance your communications experiences. You can share from essential communications applications such as contact lists and call-history lists from your personal mobile devices such as smartphones with the DX650 endpoint you use at your desk. Sharing is performed through Bluetooth. In addition, you can move an active call in progress from your smartphone to the DX650 when approaching your desk to enjoy a superior acoustical experience and greater choice in communication options (USB or Bluetooth headsets, handset, or speakerphone) based on your preference at the time
- “Phone-only” mode gives IT options to deploy the DX650 in a phone-only mode for HD voice and video business communications and subsequently take advantage of the integrated collaborative capabilities of the DX650, standard with the endpoint, when the business needs require them

If your enterprise wants to promote new levels of innovation with new, more productive collaboration experiences, the Cisco DX600 Series delivers. It can help you shorten sales and customer service cycles, reduce time to market, and adapt more quickly to market change.



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Smart Desk: Cisco DX600 Series

Figure 23. Cisco DX 650 Supports Dual Independent Displays



Cisco DX650 IP Endpoint

[Advanced Collaboration Endpoints](#)

[Provide the “Face-to-Face” Experience People Prefer](#)

Provide the “Face-to-Face” Experience People Prefer

Cisco DX650 Smart Desk Phone

In-person collaboration has many benefits. A global survey sponsored by Cisco and conducted by The Economist Intelligence Unit found that 73 percent of the surveyed business leaders believe in-person collaboration helps:

- Resolve problems more efficiently
- Generate long-term relationships
- Create opportunities to innovate

Unfortunately, today more than 60 percent of communications are not in real time. This reality explains why top analysts – including Gartner, Forrester, and Frost & Sullivan – have all cited growing interest in a new class of desktop endpoints that enable enhanced collaboration between colleagues, suppliers, partners, and customers who may be separated by long distances.

The Cisco DX650, from the Cisco DX600 Series, is a revolutionary IP endpoint that can help usher in a new era in enterprise communications. This Cisco Smart Desk Phone

offers you the collaborative capabilities to work productively with people, whether in the corporate, branch, or virtual office, in a shared workspace or teleworking from home.

The DX650 enables:

- HD (1080p) video collaboration that can reduce project times by up to 2 weeks and double the conversion rate of interactions between prospects and subject-matter experts
- Integrated access to the full suite of Cisco Unified Communications and Collaboration applications, which can deliver up to 2 hours of more productive work per user each day
- Instant access to cloud applications and services, such as the ecosystem of third-party Android applications from commercial marketplaces such as Google Play (if granted by IT)
- Support for Android-based desktop virtualization capabilities using third-party clients, enabling light content creators whose work styles support these roles to further extend the investment of the DX650 with access to hosted business productivity applications within the data center



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Smart Desk: Cisco DX600 Series

- Personalization options: Options for navigation and input entry (native touchscreen, USB, and Bluetooth mouse and keyboards), customized wallpapers, Cisco Unified Communications widgets such as Favorites (i.e., Contact Groups) to personalize and simplify the DX650 experience for users

With deep integration of advanced collaborative capabilities, the DX650 has the power to transform workflows as a multipurpose communications and collaboration desk endpoint and profoundly change the way work is done. With the DX650 you can:

- Launch voice and video meetings directly from the touchscreen or phone dialer
- Book voice and video meetings directly from a contact’s information
- Schedule and start meetings directly from the calendar
- Escalate an IM conversation into a video meeting
- Share and annotate screens
- Start individual or group chats with meeting participants

Collaboration-enabled workflows give organizations the ability to:

- Accelerate sales, product, and decision cycles
- Differentiate services and enhance customer satisfaction
- Achieve sustainable competitive advantage

Here are just some of the features that define the Cisco Smart Desk Phone experience:

- Multitouch, 7-in. (17.8-cm) LCD screen with WSVGA 1024- x 600-pixel screen resolution and 1080p 30-fps video resolution
- Full-duplex speaker and wideband audio
- Android 4.1.1 operating system (Jelly Bean)
- Texas Instruments OMAP 4460 1.5-GHz chip
- Ethernet switch (10/100/1000)
- PoE Class 4
- Integrated Bluetooth and Wi-Fi
- Two full-sized USB ports and 1 Micro-USB port
- External HDMI monitor support
- External Micro-SD storage slot

For more information about the Cisco Desktop Collaboration Experience DX600 Series, please visit: www.cisco.com/go/dce.

[Advanced Collaboration Endpoints](#)

[Provide the “Face-to-Face” Experience People Prefer](#)



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IP Endpoint Multimedia Applications

Delivering Applications for Today and Tomorrow

Cisco continues to team with our partners to enhance the customer value of Cisco Unified IP Phones by expanding the portfolio of endpoint applications made available to you. The result is more advanced capabilities with dynamic, intelligent application content that can help you meet the needs of your business both today and tomorrow.

Selected Cisco Unified IP Phones 6900, 7900 Series, 8900 and 9900 Series endpoints support basic audio applications such as Cisco Unified Communications Widgets with click-to-call capabilities, and XML-based applications such as text and audio paging and call recording.

Cisco has a robust ecosystem of third-party IP endpoint application developers. These technology partners give you access to a new world of value-added applications for your endpoints. This rich array of applications

takes advantage of the latest technologies to maximize your Cisco IP endpoint investment. They can also make your company more competitive by helping to deliver:

- Improved customer satisfaction
- Enhanced business continuity
- Reduced administration costs
- Business process transformation

[Delivering Applications for Today and Tomorrow](#)

[XML Applications](#)



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IP Endpoint Multimedia Applications

XML Applications

- Overhead Paging
- On-Demand and Continuous Call Recording
- Directory Search
- Employee Time Card
- Multimedia Broadcasts
- Wireless IP Push-to-Talk
- And More

XML Applications

Extensible Markup Language (XML) provides a standard language that developers can use to share information between different kinds of IP endpoints, different applications, and different organizations without needing to pass through many layers of conversion. Cisco and our technology partners deliver XML applications for selected models of Cisco Unified IP Phones 6900, 7900, 8900, and 9900 Series endpoints.

Endpoint applications can provide significant savings. For example, one financial services organization saves about \$50 million a year by taking advantage of a workplace management application. The application empowers workers to locate and reserve workspaces whenever and wherever they need to work through the IP endpoint. It also allows the company to measure usage of every workspace in the organization. This capability has made it possible to eliminate more than 4000 workstations nationwide.

[Delivering Applications for Today and Tomorrow](#)

[XML Applications](#)



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Analog Telephone Adaptor and Accessories

Figure 24. Protect Your Analog Device Investment



Cisco ATA 187 Analog Terminal Adaptor

[Turn Traditional Telephones into IP Endpoints](#)

[Excellent Audio in Even the Noisiest Conditions](#)

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Turn Traditional Telephones into IP Endpoints

The cost-effective, standards-based Cisco ATA 187 Analog Telephone Adaptor protects your existing analog telephone investment while delivering true voice-over-IP (VoIP) terminations. Simply connect traditional analog devices to the Cisco ATA 187 and a traditional telephone becomes an IP endpoint. You can use the Cisco ATA 187 in both businesses and residences worldwide, where it:

- Delivers clear, natural-sounding voice quality
- Supports two voice ports, each with its own independent telephone number
- Provides a single RJ-45 10/100 BASE-T Ethernet port
- Can use existing Ethernet LANs in addition to broadband pipes such as DSL, fixed wireless, and cable modem deployments

When telephones are connected to the Cisco ATA 187, companies can take advantage of many cost-saving, productivity-building IP telephony applications, including:

- User configuration

- Full-duplex capability
- Central provisioning for ease of administration
- SIP support, which allows interoperation with Cisco Unified Communications Manager
- SIP services such as dynamic IP address assignment, VLAN configuration, user authentication, etc.
- Fax support so you can send faxes cost-effectively over the IP network

The Cisco ATA 187 enables secure media and signaling support through Secure Real-Time Transfer Protocol/Transport Layer Security (SRTP/TLS) over SIP. The adaptor is also firmware-upgradable.

The Cisco Unified IP Phone portfolio supports accessories including Bluetooth and USB headsets. In addition, the portfolio includes support for an analog telephone adapter, which enables customers to retain their existing investment in analog telephones and deliver these communications over Cisco Borderless Networks.



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Analog Telephone Adaptor and Accessories

Figure 25. Jawbone ICON for Cisco Bluetooth Headsets



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Excellent Audio in Even the Noisiest Conditions

A variety of headsets are available with selected Cisco Unified IP Phones 6900, 7900, 8900, and 9900 Series models as well as with Cisco desktop clients. Cisco tests third-party headsets, including solutions from a variety of vendors. You are encouraged to check with your headset vendor of choice for the latest details on about compatibility.

Bluetooth Headsets

The Jawbone ICON, such as with the Jawbone ICON for Cisco Bluetooth Headset (Figure 25), supports the Bluetooth Hands-Free Profile and Headset Profiles, enabling freedom and convenience whether at the office, at home, or on the road. The military-grade NoiseAssassin technology of the ICON, from Jawbone, eliminates noise in all environments while preserving voice quality.

You can use the Jawbone ICON with the Cisco Desktop Collaboration Experience DX600 Series, the Cisco Unified IP Phone 9900 Series, and selected models of the Cisco Unified IP Phone 7900 Series and Cisco Unified Wireless IP Phone 7900 Series.

The Jawbone ICON is a single headset that can pair with up to eight Bluetooth-enabled Cisco IP endpoints in addition to the vast majority of mobile phones. Easy-pair technology helps ensure quick, reliable connections. Simultaneous multipoint technology enables you to manage two calls from two different phones (for example, your desk phone and your cell phone) at the same time.



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Analog Telephone Adaptor and Accessories

Figure 26. Full Noise Protection, Flexible Wearing Styles and Mic Options



Jabra Biz 2400 Headset

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Jabra Biz 2400 Headset (USB and Bluetooth Connection)

The Jabra BIZ 2400 Series (Figure 26) USB headset is a corded headset with a built-in Bluetooth connection for your mobile phone. This headset supports a Pure Voice noise-canceling microphone and Neodymium stereo hi-fi speakers. Other features include:

- Full noise protection (EU noise-at-work compliance)
- Toggle wheel for volume control with hook and mute Call Control buttons and two programmable soft buttons
- Super soft memory foam ear cushions
- A 360° FreeSpin boom that prevents breakage
- A variety of wearing styles and microphone options

Wideband Biz 2400 headsets are certified with the Cisco IP Phones 8900 and 9900 Series, the Cisco Jabber™ messaging integration platform, Cisco Jabber for Virtualized Environments, and Cisco IP Communicator. This headset is also fully tested with the Cisco Desktop Collaboration Experience DX650:

- The dual connectivity headset connects with a Cisco IP Phone (Bluetooth-capable) and a PC at the same time
- A noise-canceling microphone with excellent noise reduction is great for open, loud office environments. The boom arm can be adjusted to your needs
- Speakers with wideband or HD voice frequency response enable realistic reproduction of human voices on optimized digital lines; for example, IP telephony and unified communications
- The headset can withstand rough and tough use, with 3 years of warranty



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Figure 27. Intuitive Call Control, Easy Connectivity, Custom Fit



Jabra Motion UC Headset with Travel and Charge Kit

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Jabra Motion UC with Travel and Charge Kit

The Jabra Motion UC with Travel and Charge Kit (Figure 27) combines innovative features and technology to protect your investment. When used with Cisco Unified IP Phones or Unified Communications clients, you get full integration, including automatic updating of your UC presence status when on a smartphone call. The busy light indicator on the headset helps ensure that you avoid interruptions. Designed for maximum convenience and superior wearing comfort, it helps simplify your busy lifestyle. The Jabra Motion UC headset:

- Offers intuitive call control
- Offers best-in-class wireless freedom – 10 times the range of similar headsets
- Connects devices with a simple touch
- Custom fit for optimal comfort

Jabra Motion UC headsets are certified with the Cisco IP Phone 8900 and 9900 Series, Cisco Jabber platform, Cisco Jabber for Virtualized Environments, and Cisco IP Communicator. They are also fully tested with the Cisco Desktop Collaboration Experience DX650:

- Dual connectivity: Two active audio connections (PC and Bluetooth) connect up to eight devices
- Built-in (MFI) chipset
- Near Field Communications (NFC) offers an eEasy pairing functionality with a touch
- The device can stream music from a source, such as a smartphone, Bluetooth-enabled laptop, tablet, or MP3 player
- Digital-signal-processor (DSP) technology digitally optimizes your voice and music and suppresses echoes



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- The headset has dual microphones with noise blackout; an aggressive noise filter coupled with two microphones uses DSP software to remove noise
- You can talk for up to 7 hours; standby time is 360 hours
- Movement sensors activate a feature in the device based on movement or lack thereof. An example would be turning off a device when no motion is detected
- The headset is designed to optimize experience with Cisco Unified Communications clients, IP phones, and mobile phones

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Analog Telephone Adaptor and Accessories

Figure 28. Logitech Webcam C920-C Supports the Cisco DX600 Series as an LCD-Mounted Camera Supporting HD Video Collaboration



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Ready-to-Deliver High-Definition Video Collaboration

The Logitech Webcam C920-C can support the Cisco Desktop Collaboration Experience DX600 Series with plug-and-play connectivity into the DX650 USB ports (Figure 28). The Webcam C920-C supports up to 1080p HD video at up to 30 fps. This ultra-high resolution delivers true-to-life video calls, enabling users in video calls and meetings who use external displays (either Mirrored Mode or Dual Independent Display) to be seen by other video participants as looking directly into their cameras while multitasking, because the Logitech Webcam C920-C is placed at the top of an adjacent LCD monitor.

The webcam also features:

- UVC H.264 encoding technology, which frees system bandwidth by putting video processing within the camera
- A field of view of 78 degrees with a true widescreen, so you can see more without having to reposition the camera or crop and zoom
- Logitech RightLight 2 technology and autofocus that enables the webcam to intelligently adjust to improve visual quality in low-light and backlit situations at multiple distances

For more information about the webcam, please visit:

<https://marketplace.cisco.com/catalog/products/3166>.



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Analog Telephone Adaptor and Accessories

Figure 29. The Voyager Legend UC Is Almost a Personal Assistant



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Plantronics Bluetooth Voyager Legend UC

The Plantronics Bluetooth Voyager Legend UC (Figure 29) is ideal for professionals in and out of the office who rely on a variety of business communications such as Bluetooth-enabled Cisco IP desk phones and Cisco soft clients such as the Jabber® platform, Cisco IP Communicator, and the Cisco WebEx® conferencing solution on a PC, tablet, or smartphone. With intuitive sensors, voice commands, advanced charging accessories, and precision-tuned audio, it is built for the way you work today and into the future:

- Smart sensor technology enables automatic call answering when you place it on your ear for Jabber soft-phone calls and video-enabled Cisco WebEx® conferences from any type of mobile device
- The device whispers the incoming caller's name and lets you say "answer" to accept the call or "ignore" to decline, minimizing unwelcome interruptions while making sure that you receive critical calls
- The device incorporates a DSP for noise cancellation and delivers clear voice quality

to you and your listener while working in a café, airport, or other noisy environment

Together, Plantronics and Cisco have created the next generation of a truly unified voice and video collaboration experience. Using the Plantronics Voyager Legend UC headset with the Cisco DX650 Smart Desk Phone enables context-aware functions such as:

- The "Smart Lock" application enables professionals wearing the Voyager Legend UC to walk away from the DX650 and lock it down – automatically. As you approach the DX650, it prompts you to say your username and password, thereby logging you into the DX650 through the context-aware application
- The "Seamless Transfer" application transfers calls simply and automatically from a mobile phone to the DX650 to launch a video call when you are wearing a Voyager Legend UC headset

For more information about the Plantronics Voyager Legend UC, please visit:

www.plantronics.com/us/product/voyager-legend-uc.

Analog Telephone Adaptor and Accessories

Figure 30. Plantronics CS500 XD Series for Uncompromised Audio



CS510XD (Shown)

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Plantronics CS500 XD Series: The Wireless Headset System for Office-Based Desk Phone Communications

Ideal for the contact center and/or an enterprise office environment such as financial services or customer service, the Plantronics CS500 XD Series (Figure 30) was designed to deliver uncompromising audio and address wireless density concerns in a large concentration of desk-centric workers. It directly connects through an Electronic Hook Switch (EHS) cable to a phone in the Cisco Unified IP Phone portfolio (for example, the Cisco Unified IP Phones 7900, 8900, and 9900 Series).

- The CS500 XD Series features 900-MHz technology that allows companies to deploy more wireless headsets in a specified space
- It offers a choice of three comfort-tested wearing options to match personal preferences

- It provides extraordinary sound quality while roaming or multitasking up to 350 feet from your desk phone
- You have a choice of narrow or wideband professional-grade audio quality; narrowband extends talk time, whereas wideband mode enables clearer conversations
- Remote EHS capabilities and various audio controls on the headset, including volume adjust and mute, allow supervising agents to be hands-free and adjust controls away from the base

For more information about the Plantronics CS500 XD Series, please visit: www.plantronics.com/us/product/cs500-xd.



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Summary

Maximize Network-Powered Endpoints

Communications and Collaboration

With our comprehensive portfolio of industry-leading endpoint solutions, Cisco has an endpoint for every organizational need – from the lobby to the executive suite – and for organizations of all sizes – from the start-up to the largest of enterprises.

The diverse Cisco portfolio includes:

- Single- and multiline endpoints, supporting a range of communication needs from low to moderate to the most active environments
- A range of endpoints from basic to fully featured, enabling your organization to take advantage of robust Cisco Collaboration Solutions to meet your corporate objectives while remaining within your budget
- Support for video communications, on selected models, to reduce your travel costs and accelerate the speed of decision making in your organization

- Endpoints that support new modes of collaboration, such as integrated HD voice, video, and conferencing; instant messaging and presence; instant access to cloud services; USB peripherals for extensibility; Bluetooth; and a wide array of business applications from Cisco and third-party developers for a more unique, personalized, and productive experience

Cisco Unified IP Phones can help your business obtain the productivity-building capabilities of next-generation communications and collaboration, taking advantage of Cisco Unified Communications media servers to deliver an exceptional communications experience throughout your organization. We hope that this brochure has helped you identify which Cisco Unified IP Phones are right for your business. If you have questions about any of our endpoint solutions, please contact your local Cisco representative or authorized Cisco reseller.

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Additional Information

For more information about any of the products discussed in this brochure, please visit the following websites:

- Cisco Unified SIP Phone 3900 Series
<http://www.cisco.com/go/ipphones/3900>
- Cisco Unified IP Phones 6900 Series
<http://www.cisco.com/go/ipphones/6900>
- Cisco IP Phone 7800 Series
<http://www.cisco.com/go/ipphone/7800>
- Cisco Unified IP Phones 7900 Series
<http://www.cisco.com/go/ipphones/7900>
- Cisco Unified IP Phones 8800 Series
<http://www.cisco.com/go/ipphones/8800>
- Cisco Unified IP Phones 8900 Series
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- Cisco Unified IP Phones 9900 Series
<http://www.cisco.com/go/ipphones/9900>
- Cisco Desktop Collaboration Experience DX600 Series
<http://www.cisco.com/go/dce>
- Accessories for the Cisco Unified IP Phones
<http://www.cisco.com/go/ucaccessories>
- Cisco ATA 187 Analog Telephone Adapter
http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps514/ps11026/data_sheet_c78-608596.html
- Third-party headsets: Consult the vendor's website of interest for the very latest in headset offerings:
 - www.jabra.com
 - www.jawbone.com
 - www.plantronics.com