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Leading the Way in Collaboration

Cisco® 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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- 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 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. According to [research](#) conducted by industry analyst Forrester Research, 7 out of 10 workers today work from a primary desk 4 to 5 days per week¹. They make 88 percent of their work calls from their personal desk, with more than half from an IP phone at their desk. Given this sizable market segment, continuing to invest in the desk worker remains important. This brochure can help you determine which Cisco desk phones are right for your organization and how they can help you maximize your overall investment in Cisco Collaboration Solutions.

¹ "The Value of Collaboration Technologies to Desk-Based Workers," Forrester Research, August 2013.



Introduction

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The Cisco 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 IP Phones, which include:

- **Affordable, basic and specialty voice communications endpoints:** Cisco SIP Phone 3900 Series and Cisco IP Phone 6900 Series

- **Next generation voice communications endpoints:** Cisco IP Phone 8800 Series supporting BYOD telephony feature integration
- **Business collaboration endpoints:** Cisco IP Phones 8900 Series
- **General business voice communications endpoints:** Cisco IP Phone 7800 Series and Cisco IP Phone 7900 Series
- **Professional collaboration endpoints:** Cisco IP Phones 9900 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 SIP Phones 3900 Series

Affordable Voice Communications Endpoints

With support focused on basic-featured, business-quality voice communications, the Cisco SIP Phone 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 SIP Phone 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 SIP Phone 3900 Series comes in charcoal with a finish that is textured and scratch- and smudge-resistant.

Cisco SIP Phone 3905

The single-line Cisco 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 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 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 SIP Phone 3905 can 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

[Occasional Use Voice Communications Endpoints](#)

[For Occasional Use Settings](#)

Occasional Use Voice Communications Endpoints

Cisco IP Phones 6900 Series

Today, more organizations can take advantage of Cisco Unified Communications, thanks to the affordable Cisco IP Phone 6900 Series. This phone delivers cost effective voice communication services for occasional use settings, in a very sleek, trim, and Earth-friendly, ergonomic design.

For Occasional Use Settings

Cisco IP Phone 6901

The single-line Cisco IP Phone 6901 (Figure 2) is an entry-level endpoint that is ideal for occasional use settings such as:

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

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



IP Phone 7800 Series

[General Business Communications Endpoints](#)

[For Light Voice Communication Needs](#)

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

[For Moderately Active Users](#)

[For Highly Active Users](#)

General Business Voice 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 to existing Cisco customers who wish to expand and/or update their investment in voice communications endpoints. Midsize-to-large enterprise companies are well suited for the Cisco IP Phone 7800 Series.

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

The IP Phone 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. (Note: wideband audio available with purchase of wideband handset for the IP Phone 7811)
- Easy viewing at a glance on a grayscale, high-resolution liquid crystal displays
- Dedicated fixed keys for Conference, Transfer, Hold/Resume, Directory, and Services plus two-way navigation button
- Single position foot stand for the IP Phone 7811 and a two-position foot stand for the 7821, 7841, and 7861 to optimize viewing angles under varied lighting conditions
- Programmable line keys (actual number varies by phone 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

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- Multiple-call per-line appearance, delivering more powerful and flexible call navigation and session management
- 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 IP Phone 7821, 7841, and 7861 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 on the IP Phone 7821, 7841, and 7861 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 for the IP Phone 7821, 7841, and 7861)

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 the 2-line 7821 model, 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 devices.

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Figure 4. IP Phone 7800 Series



IP Phone 7811
For Light Voice Communication Needs



IP Phone 7821
For Light to Moderate Voice Communications



IP Phone 7841
For Moderately Active Users



IP Phone 7861
For Highly Active Users

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For Light Voice Communication Needs

Cisco IP Phone 7811

The single-line Cisco IP Phone 7811 (Figure 4) is ideal for information workers and teleworkers with light voice communication needs.

The 7811 endpoint offers support for text-based Extensible Markup Language (XML) and Computer Telephony Integration (CTI) applications.

It also includes an IEEE 10/100 integrated switch to support traffic from a co-location PC as standard.

For Light-to-Moderate Voice Communications

Cisco IP Phone 7821

The 2-line Cisco IP Phone 7821 (Figure 4) 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 also includes an IEEE 10/100 integrated switch to support traffic from a co-located PC.

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



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For Highly Active Users

Cisco IP Phone 7861

The 16-line Cisco IP Phone 7861 (Figure 4) 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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Figure 5. Large Display Screens, Rich Graphics, More Information



IP Phone 7900 Series

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Professional Communications Endpoints

Cisco 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 IP Phone 7900 Series is the portfolio for you.

The Cisco 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 IP Phones 7900 Series supports a rich suite of endpoint applications, including XML-based applications on all models. Wireless LAN models also support Mobile Information Device Profile (MIDP)-based applications (or MIDlet)-enabled applications.

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

Selected endpoints in the Cisco IP Phones

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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 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.

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



IP Phone 7945G, 7965G and 7975G

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Full-Featured Endpoints

Cisco 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 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 IP Phone 7945G builds on the capabilities of the Cisco 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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The Cisco 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 IP Phone 7965G builds on the capabilities of the Cisco 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 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
- 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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Figure 7. Robust Features, Wired-Equivalent Capabilities, Easily Programmed



IP Phone 7925G

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Increased Mobility

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

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

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



IP Phone 7925G-EX

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The Cisco Wireless IP Phone 7925G is designed for demanding environments such as healthcare and manufacturing. Features of the compact and easy-to-hold Cisco 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 Wireless IP Phone 7925G-EX (Figure 8) builds upon the capabilities of the Cisco 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 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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Figure 9. 2D Bar Scanner, Desktop Docking Station, and Support for Gigabit Ethernet



IP Phone 7926G

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The Cisco Wireless IP Phone 7926G (Figure 9) builds upon the features of the Cisco 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 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

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Enhanced Access and Scalability

Cisco IP Phone Expansion Modules 7915 and 7916

Cisco offers extended call-coverage capabilities for administrative personnel with two expansion modules: the Cisco IP Phone Expansion Module 7915 and the Cisco 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 IP Phone 7962G, 7965G, and 7975G models.



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8800 Series

Figure 11. Next-Generation Voice Communications for Today's Workforce



Cisco IP Phone 8811, 8841, 8851, 8861 models and Cisco IP Conference Phone 8831

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[Voice Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

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Next Generation Voice Communications

Cisco IP Phone 8800 Series

The Cisco IP Phone 8800 Series is a next-generation IP phone portfolio that delivers ease of use with superior performance. With the IP Phone 8800 Series, your business can benefit from cost-effective, reliable, secure, and scalable high-definition voice communications and, on select models, telephony feature integration support with Cisco Intelligent Proximity for Mobile Voice, when using personal mobile devices.

Five models are available with the IP Phone 8800 Series that range in their support to address the needs of knowledge workers, managers, executives, and specialty deployments such as conference rooms. These phones include the IP Phone 8811, 8841, 8851, and 8861 models and the IP Conference Phone 8831.

With the Cisco IP Phone 8800 Series, it all begins with voice communications. The IP Phone 8800 Series are the best audio performing IP phones Cisco has delivered. Wideband (G.722) audio is supported on all five models and the 8811, 8841, 8851, and

8861 models are hardware-enhanced for higher performance on echo cancellation, meeting European Telecommunications Standards Institute (ETSI) compliance. In addition, vibration isolation of the hardware has been applied to both speakers and microphones, resulting in a higher-quality communications experience.

With Cisco Intelligent Proximity for Mobile Voice, we are bringing the worlds of desktop and mobile closer together to support how today's workforce wishes to work. First introduced with the Cisco DX650, these capabilities have been extended to the Cisco IP Phone portfolio with the IP Phone 8851 and 8861 models supporting these features. This support includes importing of contacts and call history, along with moving of the audio path of active voice and video calls to these phone models to enjoy the superior acoustical properties these phones can deliver. Support of personal mobile devices is OS-independent, with the IP Phone 8851 and 8861 models supporting smartphones. In the second half of calendar year 2014, a software update is planned that will include tablet support for these features as well.

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Although not a feature of Intelligent Proximity because the IP Phone 8851 and 8861 models offer USB support, you can even charge your personal mobile devices from the USB ports on these phones as an added convenience.

Select models of the Cisco IP Phone 8800 Series support multiple-call-per-line appearance. 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, 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 other communication systems.

² Will require a firmware update for IP Phone 8861, available H2CY14.

Common user features to the IP Phone 8811, 8841, 8851, and 8861 models follow:

- Support of up to five lines and multiple-call-per-line appearance for added flexibility in call management
- More intuitive, easier-to-use user experience with the highest-resolution, backlit, graphical widescreen VGA, 800- x 480-pixel displays in the Cisco IP Phone portfolio (grayscale or color is model-dependent)
- Increased productivity with easier navigation of menus and call transaction states using the five-way navigation cluster and four context-sensitive soft-label keys
- Enhanced tactile feel and reduced errant dialing with rounded ergonomic fixed keys
- Fixed keys for commonly used functions including messaging, directory, services, transfer, conference, mute, headset, speakerphone, hold, and release

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IT features common to the IP Phone 8811, 8841, 8851, and 8861 models include:

- Flexible deployment options with support from Cisco communication servers, whether on-premises or based in the cloud
- Support for 802.3af/at Power over Ethernet (PoE) to reduce installation and infrastructure costs by eliminating or reducing the need for local power supplies
- Gigabit Ethernet integrated switches on all models to reduce IT administration and cabling costs at the desk while efficiently and effectively processing the traffic from a co-located multimedia PC
- Integrated VPN client to help keep conversations private
- Reduced energy costs and carbon footprint in off-work hours with support from Cisco EnergyWise® technology: <http://www.cisco.com/c/en/us/products/switches/energywise-management-distributed-office/index.html>
- Support for SIP for greater interoperability and flexibility
- Optional wall-mount kit to deploy in more space-constrained environments

[Next Generation](#)

[Voice Communications](#)

[Voice Communications to Boost Productivity](#)

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Figure 12. Voice Communications to Boost Productivity



Cisco IP Phone 8811

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Voice Communications to Boost Productivity

Cisco IP Phone 8811

The Cisco IP Phone 8811 (Figure 12) delivers highly secure and powerful mission-critical voice communications that are easy-to-use and are ideal for knowledge workers and teleworkers in midsize to large enterprises. With its support of Cisco EnergyWise technology, the 8811 is a Class 2 Power over Ethernet device so it is both cost-effective and Earth-friendly.

Unique to the Cisco IP Phone 8811 is a 5-inch, backlit, graphical, grayscale widescreen VGA display (800 x 480 pixels).

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Figure 13. High-Quality, 360-Degree Hands-Free Communications



Cisco IP Conference Phone 8831

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[Voice Communications to Boost Productivity](#)

[High-Performance Audio Conferencing](#)

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High-Performance Audio Conferencing

Cisco IP Conference Phone 8831

The Cisco IP Conference Phone 8831 (Figure 13) 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), dual-element hands-free speaker helps improve productivity for mission-critical communications.
- Enhanced Room Coverage: You can “tether”, or daisy-chain together, up to a maximum of two base units, for greater 360-degree coverage for small to large conference rooms and executive offices.
- Real-world convenience: The phone has a wired control panel with dial pad, enabling flexible support in 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.

- Room 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.
- Support for third-party call control servers, including Broadsoft, Asterisk, and Metaswitch

The wired control panel houses the LCD display, which is a 3.25-inch, backlit, grayscale, 396- x 162-pixel display.

As with the other endpoints in the IP Phone 8800 Series, the IP Phone 8831 secures communications with its support of AES 128-bit encryption on the device.

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Figure 14. Easy-to-Use with Vibrant Color Display



Cisco IP Phone 8841

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Voice Communications to Enhance Collaboration

Cisco IP Phone 8841

The Cisco IP Phone 8841 (Figure 14) delivers superior voice communications that can enhance collaboration throughout your entire organization. It is ideally suited for knowledge workers, administrative staff, and managers in midsize to large businesses.

The IP Phone 8841 comes standard with a 5-inch color, backlit, graphical widescreen VGA (800 x 480 pixels) display.

As a Power over Ethernet Class 2 device, it is both cost-effective and Earth-friendly.



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Figure 15. Integrates with Personal Mobile Devices



Cisco IP Phone 8851

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Bring Desk and Mobile Experiences Closer Together

Cisco IP Phone 8851

With the Cisco IP Phone 8851 (Figure 15), you can delight your users with an experience that offers superior voice communications from an IP Phone while integrating telephony features with their personal smartphone or tablet¹, when in range of the 8851 at the desk using Cisco Intelligent Proximity for Mobile Voice.

Cisco Intelligent Proximity for Mobile Voice allows you to import contacts and call history from your smartphone or tablet², regardless of OS of that device, to your 8851 phone using Bluetooth technology. In addition, the ability to move the audio path of active voice and video calls on your smartphone and tablet is supported. For example, consider taking a call on your smartphone while walking to your desk. A colleague joins you in your office and you wish to share the conversation with your colleague. Although you could use the speakerphone of your smartphone, moving the audio path – a simple confirmation on the 8851 phone – enables you to take advantage of the superior acoustical speaker properties of the phone.

As an added convenience, the IP Phone 8851 is able to charge personal smartphones through its standard USB port.

¹ Requires software update for support. Planned for H2CY2014.

² Requires software update for support. Planned for H2CY2014.



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Figure 16. Enjoy Integrated Desk and Mobile Voice Communications



Cisco IP Phone 8861

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[Voice Communications to Enhance Collaboration](#)
[Bring Desk and Mobile Experiences Closer Together](#)
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Share Telephony Experiences Between Desk and Mobile

Cisco IP Phone 8861

With the Cisco IP Phone 8861 (Figure 16), you can deliver next-generation voice communications to your workforce today with the ability to share telephony experiences with their personal smartphone or tablet³, when in range of their 8861 at their desk and using Cisco Intelligent Proximity for Mobile Voice.

Cisco Intelligent Proximity for Mobile Voice allows you to import contacts and call history from your smartphone or tablet, regardless of OS of that device, to your 8861 phone using Bluetooth technology. In addition, the ability to move the audio path of active voice and video calls on your smartphone or tablet is supported. For example, consider taking a voice or video call on your smartphone or tablet while walking to your desk. A colleague joins you in your office and you wish to share the conversation with your colleague. Although you could use the speakerphone of these devices, moving the audio path – a simple confirmation

on your 8861 phone – enables you to take advantage of the superior acoustical speaker properties of the IP phone.

As an added convenience, the IP Phone 8861 can charge both personal smartphones and tablets from its standard USB port⁴.

Finally, for headquarters or branch offices whose campuses are fully wireless-enabled, the IP Phone 8861 supports 802.11n and 802.11ac protocols to add flexibility and reduce costs in such campus environments.

³ Support for personal tablets will be available with the IP Phone 8861 and Cisco Intelligent Proximity in H2CY14.

⁴ Charging of personal tablets requires a firmware update to the IP Phone 8861; it is planned for H2CY14.

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Figure 17. Increase Your Staff's Responsiveness



Cisco IP Phone 8800 Series Key Expansion Module

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Add Convenience and Extend Investment

Cisco IP Phone 8800 Series Key Expansion Module

For administrative staff, managers, executives, and help desks in retail or work areas with shift workers in healthcare, the addition of optional Cisco IP Key Expansion Modules (Figure 17) for IP Phone 8851 and 8861 models can enhance your experiences with added convenience, while extending your initial return on investment in the IP phone.

These modules, specific to the IP Phone 8800 Series, enable you to take advantage of additional programmable, customizable line and feature keys. Capabilities such as speed dials for “single button push to contact” and shared lines (where administrative staff can pick up calls for managers who may be on the phone or departmental colleagues who may be away from their desk) are examples of use cases.

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Figure 18. Simplify Administrative and Managerial Communications



Cisco IP Key Expansion Module for the 8800 Series

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Each IP Phone 8800 Series Key Expansion Module has 18 physical keys and offers two page keys for a total of 36 keys per module. Up to two modules can be supported from the IP Phone 8851, resulting in an addition of 72 keys to the 5 that come standard with the 8851 phone. Up to three modules can be supported from the IP Phone 8861 (Figure 18), resulting in an addition of 108 keys to the 5 that come standard with the 8861 phone.

The display is 4.3 inches, with a backlit, graphical color display (480 x 272 pixels). The font size has two configurable options to address preferences in viewing of key labels.

The IP Key Expansion Module for IP Phone 8800 Series will be available H2CY14.



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Figure 19. Encourage Collaboration, Improve Company Efficiency, and Reduce Costs



Cisco IP Phones 8900 Series

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Business Collaboration Endpoints

Cisco 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 IP Phone 8900 Series (Figure 19) can help you do it all. These business collaboration endpoints are ideal for knowledge professionals, managers, and executives who seek an affordable, multimedia experience with support of Cisco unified and video communications as standard.

The Cisco IP Phone 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 IP Phone 8900 Series include:

- **High-quality multimedia communications:**
The phone has a built-in VGA-quality video camera for standard-definition (640- x 480-pixel) video communications (8945 model only)
- **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:** One standard USB 2.0 port supports USB headsets for greater choice and convenience (8961 model only)

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- **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 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

The Cisco IP Phone 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 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 IP Phones 8900 Series endpoint (8961 model only)

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8900 Series

Figure 20. Ready to Create, Send, and Share Video



Cisco IP Phone 8945

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[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Accelerate Success with Business Multimedia Endpoints

Cisco IP Phone 8945

For customers seeking endpoints with integrated video capability, the Cisco IP Phone 8945 (Figure 20) 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 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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Figure 21. Flexible and Convenient Communications, Superior Audio, Enhanced Viewing



Cisco IP Phone 8961

[Business Collaboration Endpoints](#)

[Accelerate Success with Business Multimedia Endpoints](#)

[Maintain a Personal Touch](#)

Cisco IP Phone 8961

You will find robust capabilities for multimedia communications and enhanced unified communications in this advanced professional media endpoint (Figure 21).

The Cisco 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 IP Phone 8961 supports one Cisco 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)

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8900 Series

Figure 22. 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 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 22) enables you to add line and feature keys to the Cisco 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 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 23. Interactive Video, High-Quality Communications, Affordable and Scalable



IP Phones 9900 Series

[Professional Collaboration Endpoints](#)

[Business Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Professional Collaboration Endpoints

Cisco IP Phones 9900 Series

Video is personal and efficient, and it can be everywhere with the Cisco IP Phones 9900 Series (Figure 23). It transforms your phone into a full-featured video phone.

With the Cisco IP Phones 9900 Series, Cisco brings collaborative multimedia capabilities that are ideal for knowledge professionals, managers, and executives who seek greater productivity with a collaborative multimedia experience. The 9900 Series supports interactive, high-quality, business-grade video, enabled directly from the optional Cisco 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 IP Phones 9900 Series was designed with collaborative environments in mind. With the Cisco 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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In addition to SD video, Cisco 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 IP Phones 9900 Series deliver:

- **Personalized collaborative communications with video:** Interactive, high-quality business 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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[Business Video for Better Collaboration](#)

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9900 Series

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

- **Energy cost savings:** In off hours, a Cisco EnergyWise 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 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 IP Phones 9900 Series endpoints

[Professional Collaboration Endpoints](#)

[Business Video for Better Collaboration](#)

[Transform Communications with Video](#)

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[Scale Responsively](#)

9900 Series

Figure 24. Interactive Video, Rich Multimedia Applications, Superior Audio



IP Phone 9951

[Professional Collaboration Endpoints](#)

[Business Video for Better Collaboration](#)

[Transform Communications with Video](#)

[Extend Multiparty Video Across the Enterprise](#)

[Scale Responsively](#)

Business Video for Better Collaboration

Cisco IP Phone 9951

High-quality, interactive business video can accelerate business success. The Cisco IP Phone 9951 delivers it directly to your desktop phone (Figure 24).

Interactive video makes communications more effective and more personal. In addition to interactive multimedia collaboration, the Cisco 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 IP Phone 9951 supports up to two Cisco 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 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 25. Integrated Wireless Communications, Touchscreen Convenience, Multiparty Collaboration



IP Phone 9971

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[Business Video for Better Collaboration](#)

[Transform Communications with Video](#)

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Transform Communications with Video

Cisco IP Phone 9971

This endpoint can transform communications by enabling video collaboration directly from the IP endpoint (Figure 25). 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 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 IP Phone 9971 supports up to three Cisco IP Color Key Expansion Modules for easy expansion of programmable line and feature keys

Cisco 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 26. Personalize Communications, Accelerate Decision Making, Cost-Effective



Cisco Video Camera

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Extend Multiparty Video Across the Enterprise

Cisco Video Camera

Enable rich, interactive two- and multiparty video collaboration directly from your Cisco IP Phones 9900 Series endpoints with the Cisco Video Camera (Figure 26). (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 SD video communications – up to 30 fps. (An auto-configuration option delivers a ready-to-use connection into the phone USB port).

The Cisco 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



9900 Series

Figure 27. Extend Investment, Expand Touchpoints, Increase Scalability



Cisco IP Color Key Expansion Module

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Scale Responsively

Cisco 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 IP Color Key Expansion Module (Figure 27) to your Cisco 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 IP Phone 9951 supports up to two expansion modules, for a total of 77 appearances
- Cisco 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 IP Color Key Expansion Module includes support for:

- BLF
- DSS
- Auto-dial features



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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 IP Phones by expanding the portfolio of endpoint applications made available to you (Figure 28). 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 IP Phone 6900, 7900, 8800, 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

[Delivering Applications for Today and Tomorrow](#)

[XML Applications](#)

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 IP Phones 6900, 7900, 8800, 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.



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Analog Telephone Adaptor and Accessories

Figure 28. Protect Your Analog Device Investment



Cisco ATA 187 Analog Terminal Adaptor

[Turn Traditional Telephones into IP Endpoints](#)

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

Turn Traditional Telephones into IP Endpoints

The cost-effective, standards-based Cisco ATA 190 Analog Telephone Adaptor (Figure 28 protects your existing analog telephone investment while delivering true voice-over-IP (VoIP) terminations. Simply connect traditional analog devices to the Cisco ATA 190 and a traditional telephone becomes an IP endpoint. You can use the Cisco ATA 190 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 190, 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 190 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.

Select models of the Cisco 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.

Contents

Analog Telephone Adaptor and Accessories

Figure 29. Full Noise Protection, Flexible Wearing Styles and Mic Options



Jabra Biz 2400 Headset

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Excellent Audio Even in the Noisiest Conditions

A variety of headsets are available with selected Cisco IP Phone 6900, 7900, 8800, 8900, and 9900 Series models as well as with Cisco desktop clients. You are encouraged to check with your headset vendor of choice for the latest details on about compatibility.

Jabra Biz 2400 Headset (USB and Bluetooth connection)

The Jabra BIZ 2400 Series USB headset (Figure 29) 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 8800, 8900, and 9900 Series, the Cisco Jabber™ messaging integration platform, Cisco Jabber for Virtualized Environments, and Cisco IP Communicator.

- 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

Analog Telephone Adaptor and Accessories

Figure 30. 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 30) combines innovative features and technology to protect your investment. When used with Cisco 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 8800, 8900, and 9900 Series, Cisco Jabber platform, Cisco Jabber for Virtualized Environments, and Cisco IP Communicator.

- 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



Analog Telephone Adaptor and Accessories

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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

[Turn Traditional
Telephones into IP
Endpoints](#)

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Conditions](#)

Analog Telephone Adaptor and Accessories

Figure 31. The Voyager Legend UC Is Almost a Personal Assistant



[Turn Traditional Telephones into IP Endpoints](#)
[Excellent Audio Even in the Noisiest Conditions](#)

Plantronics Bluetooth Voyager Legend UC

The Plantronics Bluetooth Voyager Legend UC 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.

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 32. Plantronics CS500 XD Series



CS500 XD Series

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 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 Cisco IP Phones that support this capability.

- 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, 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

- The ability to support personal mobile devices with telephony feature integration on select Cisco IP Phone models that support Cisco Intelligent Proximity

Cisco 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 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

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

- Cisco SIP Phone 3900 Series
<http://www.cisco.com/go/ipphones/3900>
- Cisco IP Phones 6900 Series
<http://www.cisco.com/go/ipphones/6900>
- Cisco IP Phone 7800 Series
<http://www.cisco.com/go/ipphone/7800>
- Cisco IP Phones 7900 Series
<http://www.cisco.com/go/ipphones/7900>
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- Cisco IP Phones 9900 Series
<http://www.cisco.com/go/ipphones/9900>
- Accessories for the Cisco IP Phones
<http://www.cisco.com/go/ucaccessories>
- Cisco ATA 190 Analog Telephone Adapter
<http://www.cisco.com/c/en/us/products/unified-communications/ata190-2-port-adapter/index.html>
- Third-party headsets: Consult the vendor's website of interest for the very latest in headset offerings:
 - www.jabra.com
 - www.plantronics.com