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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 on the desktop and on the go
- Harness the power of busy professionals by enabling them to confidently collaborate with customers, partners, colleagues and suppliers



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Introduction

- Maximize the use of subject matter experts with pervasive presence and conferencing capabilities.
- Transform business processes with interactive and interoperable video
- Advanced collaborative services
- A broad suite of Cisco and third-party development partner endpoint applications

Cisco began developing IP communications and collaboration solutions in 1997 and has 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 its 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 Unified IP 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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The Cisco Unified IP Phone portfolio includes an impressive range 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 to on the road
- 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
- **Professional communications endpoints:** Cisco Unified IP Phones 7900 Series
- **General 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
- **Advanced multi-purpose collaboration endpoints:** 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



IP Phones 3900 Series

Affordable Voice Communications Endpoints

With their support focused on quality voice communications, the Cisco Unified SIP Phones 3900 Series (Figure 1) are an ideal replacement 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 low-to-moderate voice communications usage, such as:

- Lobbies
- Cubicles
- Classrooms
- Laboratories
- Manufacturing floors
- Hallways
- Retail environments

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 backlit 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. A backlit 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 collocate 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 with a busy trigger
- LCD menu and back keys
- Message-waiting indicator (MWI) light
- Volume control rocker
- Fixed feature keys for one-touch access to redial, transfer, hold, mute, speakerphone, and voicemail

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

- Users who do not require a headset
- Users who have a need for soft label keys or multimedia capabilities including video communications and support for XML, computer telephony integration (CTI), and customer care applications
- Users who require only basic endpoint security



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6900 Series

Figure 2. User-friendly, Eco-friendly, and Budget-friendly



IP Phones 6900 Series

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General Business Communications Endpoints

Cisco Unified IP Phones 6900 Series

Today, more organizations can take advantage of Cisco Unified Communications, thanks to these affordable IP endpoints. The Cisco Unified IP Phones 6900 Series delivers cost-effective voice communication services, in a clutter-free and earth-friendly, ergonomic design (Figure 2).

Cisco Unified IP Phones 6900 Series endpoints with two or more lines support single-call per-line appearance to provide an easy user experience for customers who are seeking traditional telephony call interaction for their organization. With single-call per-line appearance, each enabled line supports one call session at a time. For example, if you are on an active call with two lines enabled on the phone, another incoming call then “rolls over” to your second line. If only one line is enabled while you are on an active call, a second incoming call is redirected to your voicemail. This experience, which is representative of a traditional telephony

call interactive experience, is ideal if you are currently on analog or digital telephony systems and would like to take advantage of Cisco Collaboration Solutions, but have delayed a decision because of concerns over the time and costs of user training in such a migration. The IP Phones 6900 Series also supports multi-line appearances (on selected models). Using the example above, a second incoming call can be taken on an already active line, with the first call placed on hold.

All Cisco Unified IP Phones 6900 Series endpoints are earth-friendly. They are made with recyclable and reground plastics, so they are earth-responsible solutions. A power-save option, on select models, reduces power consumption by up to 50 percent in off-work hours, a feature that is good for your company’s profitability and good for the planet too.

The Cisco Unified IP Phones 6900 Series can enable your business to adopt and expand its investment in Cisco Unified Communications, so you can improve collaboration, boost



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productivity, and reduce operating costs through centralized administration. Selected endpoints in the portfolio support basic XML applications, along with features such as Cisco Extension Mobility. The budget-friendly Cisco IP Phones 6900 Series endpoints provide a range of helpful functions and capabilities, including:

- **Easy viewing under varied lighting conditions:** The backlit, antiglare, pixel-based graphical monochrome LCD display, on selected models, optimizes readability
- **At-a-glance call status indication:** Tricolor, illuminated line keys allow for quick call-status recognition

- **Enhanced user experience:** Rounded, ergonomic keys deliver a superior tactile feel and facilitate more accurate dialing for reduced costs. A choice of headset styles delivers greater convenience and comfort
- **One-touch access to common telephony features:** The endpoints have fixed keys for fast access to commonly used features, with various models supporting keys for hold, redial, call waiting, messaging, directory, and services



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Serving a Wide Range of Business Needs

The Cisco Unified IP Phones 6900 Series includes six models. All of these endpoints are available in two colors (charcoal and arctic white) and two handset styles (slimline and standard) for increased comfort and added flexibility when deploying globally. The five models in the Cisco IP Phones 6900 Series include:

- **Cisco Unified IP Phone 6901:** A single-line, entry-level, voice-only endpoint designed for occasional use settings
- **Cisco Unified IP Phone 6911:** A single-line endpoint designed for light voice communications
- **Cisco Unified IP Phone 6921:** A 2-line endpoint designed for businesses with light to moderate voice communications requirements
- **Cisco Unified IP Phone 6941:** A 4-line endpoint designed for businesses with moderate voice communications requirements
- **Cisco Unified IP Phone 6945:** A 4-line endpoint for moderate voice communications supporting enhanced power savings and network connectivity
- **Cisco Unified IP Phone 6961:** A 12-line endpoint designed for businesses with highly demanding voice communications requirements



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6900 Series

Figure 3. Compact, Eco-friendly, and Cost-effective



IP Phone 6901

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For Occasional Use Settings

Cisco Unified IP Phone 6901

The single-line Cisco Unified IP Phone 6901 (Figure 3) is an entry-level endpoint that features a sleek, trim-line design and is ideal for occasional use settings such as:

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

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

- Supports fixed keys for hold, redial, and call waiting
- Offers message-waiting and incoming-call indication LED on 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 hookswitch to transfer a call)
- Enables easy viewing angles on desks using a folding footstand; can also be wall-mounted with third-party wall-mount plates
- Offers seven user-adjustable ringtones



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6900 Series

Figure 4. Powerful, Convenient, Customizable



IP Phone 6911

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For Light Voice Communications Services

Cisco Unified IP Phone 6911

The single-line Cisco Unified IP Phone 6911 (Figure 4) is designed for lighter use settings such as:

- Classrooms
- Manufacturing floors
- Libraries

It is also well-suited for knowledge workers and teleworkers with lighter communication needs. The Cisco Unified IP Phone 6911:

- Features a full-duplex speakerphone and dedicated headset jack for convenient, hands-free communications
- Supports two concurrent incoming calls when using the call-waiting feature

- Provides additional fixed keys for transfer, conferencing, and messaging in addition to hold, redial, and call waiting
- Enables co-location of a PC through integrated IEEE 10/100 Ethernet switch ports, which support both network and PC connections; co-located PCs can route traffic over consolidated cabling infrastructure for reduced costs
- Comes with a two-position footstand that provides 45- and 60-degree viewing angles on desks
- Offers a customizable paper-label insert for frequently used features or called numbers
- Is wall-mountable



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6900 Series

Figure 5. Powerful, Intuitive, and Flexible



IP Phone 6921

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For Light-to-Moderate Communications

Cisco Unified IP Phone 6921

The 2-line Cisco Unified IP Phone 6921 (Figure 5) is an ideal endpoint solution for knowledge workers and teleworkers. It is well-suited for deployment in environments that have light to moderate voice communications requirements such as:

- Government offices
- Medical laboratories
- Contact centers (where agents support smaller queues)

The Cisco Unified IP Phone 6921 supports an easy-to-read, 396 x 81 pixel, white-backlit, graphical monochrome, antiglare LCD display that optimizes viewing under a variety of lighting conditions. Other important features of the phone include:

- Fixed keys for hold, directory, settings, transfer, conferencing, and messaging

- Two tricolor illuminated line keys for quick call status identification
- IEEE 10/100 Ethernet switch ports that support both network and PC connections for co-location of a multimedia PC
- Easy-to-read, 396 x 81 pixel, white-backlit, graphical monochrome, antiglare LCD display for optimal viewing under a variety of lighting conditions
- Full-duplex speakerphone and dedicated headset for convenient, hands-free communications
- A power save option that reduces power consumption in off-work hours
- Four dynamic soft keys that guide you through call features and functions



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6900 Series

Figure 6. Moderate Communications, Easy to Use, and Powerful



IP Phone 6941

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For Moderately Active Users

Cisco Unified IP Phone 6941

The 4-line Cisco Unified IP Phone 6941 (Figure 6) is an ideal endpoint for moderately active voice users. It is well-suited for knowledge workers, administrative staff, managers and supervisors in environments such as:

- Banks and other financial institutions
- Retail stores
- Medical offices and reception areas
- Government offices

The phone offers an easy-to-read, 396 x 162 pixel, white-backlit, graphical monochrome, antiglare LCD display for optimal viewing under a variety of lighting conditions.

Other important features of the Cisco Unified IP Phone 6941 include:

- Integrated IEEE 10/100 Ethernet ports that support both network and PC connections for co-location of a PC
- Fixed keys for hold, directory, settings, transfer, conferencing, and messaging
- Four tricolor illuminated line keys for quick call status identification
- Full-duplex speakerphone and dedicated headset for convenient, hands-free communications
- A power save option that reduces power consumption in off-work hours
- Four dynamic soft keys that guide you through call features and functions



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6900 Series

Figure 7. Moderate User Communications with Added Savings



IP Phone 6945

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Cisco Unified IP Phone 6945

The 4-line Cisco Unified IP Phone 6945 (Figure 7) builds upon the Cisco Unified IP Phone 6941, with all the features of that model plus enhancements that reduce your total cost of ownership (TCO).

The Cisco Unified IP Phone 6945 supports Power over Ethernet (PoE) Class 1. It consumes very low power (0.44 to 3.84 watts), providing high performance without compromising power savings.

Support for Gigabit Ethernet with integrated 10/100/1000 ports also delivers savings through wiring infrastructure consolidation because only one cable drop to the desktop is required. Gigabit Ethernet delivers more bandwidth for connecting a co-located multimedia PC, supporting more intensive

multimedia requirements such as large business productivity applications files like Microsoft Powerpoint. This support increases productivity, particularly for workers who frequently send and use multimedia files.

The Cisco Unified IP Phone 6945 is ideal for:

- Managers
- Knowledge professionals
- Administrative staff

In addition, the Cisco Unified IP Phone 6945 supports wideband, high-definition voice on both its headset and its handset for crystal clear audio communications across time zones.



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6900 Series

Figure 8. Active Communications, Robust Features, Quick Access to Functions



IP Phone 6961

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For Highly Active Users

Cisco Unified IP Phone 6961

The 12-line Cisco Unified IP Phone 6961 (Figure 8) is an ideal endpoint for users with more demanding communication needs. Well-suited for administrative staff, managers, and supervisors, the functions and affordability of this endpoint make it ideal for:

- Healthcare organizations
- Financial institutions
- Hospitality businesses

The phone offers an easy-to-read, 396 x 81 pixel, white-backlit monochrome, antiglare LCD display for optimized viewing under a variety of lighting conditions. Other important features of the Cisco Unified IP Phone 6961 include:

- Integrated IEEE 10/100 Ethernet ports that support both network and PC connections for co-location of a PC

- Fixed keys for hold, directory, settings, transfer, conferencing, and messaging
- Twelve tri-color illuminated line keys for quick call status identification
- Customizable, paper-label insert for one-touch access to commonly used features
- Full-duplex speakerphone and dedicated headset for convenient, hands-free communications
- A power save option that reduces power consumption in off-work hours
- Four dynamic soft keys guide you through call features and functions



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7900 Series

Figure 9. Large Display Screens, Rich Graphics, More Information



IP Phone 7900 Series

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

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[Rapid Call Management](#)

[Enhanced Access and Scalability](#)

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Professional Communications Endpoints

Cisco Unified IP Phones 7900 Series

If your business requires high-definition (HD) voice, vibrant color displays, Gigabit Ethernet connectivity, and more than basic support for endpoint applications, the Cisco Unified IP Phones 7900 Series (Figure 9) is the portfolio for you.

The Cisco Unified IP Phones 7900 Series 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 two-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 type of experience offers your organization sophisticated and

powerful communication capabilities 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. Selected 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



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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. This series is ideal for people who work at their desktops or in conference rooms and for mobile campus-based workers.

[Professional Communications Endpoints](#)

[Full-Featured Endpoints](#)

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Figure 10. High-Definition Audio, Rich Display Experience, High-Speed Connectivity



IP Phone 7945G, 7965G and 7975G

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Full-Featured Endpoints

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

These full-featured endpoints (Figure 10) have speakerphones and handsets designed specifically for superior high-fidelity or wideband audio. An expanded application suite includes support for:

- XML applications
- MIDlet-enabled applications (Java-based 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-inch, 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 collocated PC



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7900 Series

- 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 7962G includes:

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

- A large 5-inch, 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 collocated 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-inch, 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

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[Full-Featured Endpoints](#)

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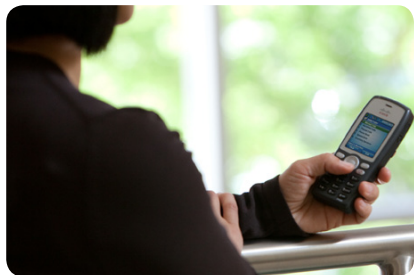
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7900 Series

Figure 11. Robust Features, Wired-Equivalent Capabilities, Easily Programmed



IP Phone 7925G

[Professional Communications Endpoints](#)

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- Accelerated connectivity with the addition of Gigabit Ethernet switch ports to support bandwidth-intensive applications from a collocated PC
- 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 Phone, 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 11) that deliver many of the same robust features and capabilities of 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 large, 2-inch 176 x 220 pixel color display for easy viewing

- Built-in full-duplex speakerphones for high-quality, hands-free communications
- High-definition 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 12. Rugged, Feature-rich, and Certified for Deployment in Industrial Environments



IP Phone 7925G-EX

[Professional Communications Endpoints](#)

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Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G models also support MIDlets, the Java-based technology that today is often used to develop commercially based applications for smartphones. With MIDlets, these Cisco Unified Wireless IP Phones deliver faster response times and richer graphical presentation capabilities, presenting applications that you can customize specifically for your business for enhanced value.

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 12) 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 styling 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

7900 Series

Figure 13. 2D Bar Scanner, Desktop Docking Station, and Support for Gigabit Ethernet



IP Phone 7926G

[Professional Communications Endpoints](#)

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- 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

The Cisco Unified Wireless IP Phone 7926G (Figure 13) builds upon the features of the Cisco Unified Wireless IP Phone 7925G, delivering many of the same features and capabilities. New with the IP Phone 7926G is 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 backend 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, and enhances responsiveness in customer interactions.

7900 Series

Figure 14. Superior Voice Quality, Easily Viewed Display, Fast Access to Features



IP Phone 7931G

Rapid Call Management

Cisco Unified IP Phone 7931G

The Cisco Unified IP Phone 7931G (Figure 14) is ideal for commercial and retail environments. It guides you through call features and functions with:

- Twenty-four illuminated LED line keys
- Four dynamic and interactive soft keys
- Hard-hold, Redial, and Transfer keys, which facilitate simple and rapid call management
- White backlit, pixel-based graphical display for easy viewing at a glance

[Professional Communications Endpoints](#)

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Figure 15. Scalable, Maximized Call Coverage, Personalized Communications



IP Phone Expansion Module 7916

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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 15).

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 7960G, 7961G, 7962G, 7965G, and 7975G models.

7900 Series

Figure 16. Superior Voice Quality, Simplified Administration, Reduced Costs



IP Conference Station 7937G

- [Professional Communications Endpoints](#)
- [Full-Featured Endpoints](#)
- [Increased Mobility](#)
- [Rapid Call Management](#)
- [Enhanced Access and Scalability](#)
- [Conference with Ease](#)

Conference with Ease

Introducing the Cisco Unified IP Conference Station 7937G

Cisco offers a conference-room endpoint within the IP Phones 7900 Series industrial design, which addresses the needs of small-to-medium sized conference rooms. The Cisco Unified IP Conference Station 7937G (Figure 16) delivers high-quality audio conferencing with Cisco Unified Communications features. It features a backlit, pixel-based LCD display and delivers high-quality, hands-free conferencing. It is an ideal solution for desktops within offices and in small to midsize conference rooms and executive suites.

The Cisco Unified IP Conference Station 7937G offers:

- Standard business telephony features, including call hold, call transfer, call release, mute, impromptu and meet-me conferencing, park, and pick up
- Full-duplex operation, which permits natural, multiparty conversations without clipping or distortion

- Integrated keypad, which eliminates the need to receive and place calls on a separate telephone
- Three soft keys and menu navigation keys, which guide you through call features and functions
- Full 360-degree room coverage, with a powerful, digitally tuned custom speaker and three sensitive microphones that provide uniform coverage of small to midsize conference rooms or offices
- Easy installation; configuration with Cisco Unified Communications Manager is simple
- Convenient volume control buttons
- Support for high-fidelity or wideband audio
- An optional external microphone kit that delivers up to 30- x 40-foot room coverage
- Support for a third-party lapel microphone kit
- Options for PoE or Cisco IP Phone Power Cube 3



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8800 Series

Figure 17. 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 17) delivers highly secure, 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 Business Edition systems

- Full-duplex, two-way wideband (G.722) audio
- Performance Communications security to keep business conversations private, using 128K Advanced Encryption Standard (AES)
- Support for Power over Ethernet (PoE) for reduced infrastructure by eliminating the need for local power cubes
- Support for Session Initiation Protocol (SIP) for greater interoperability and flexibility



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Figure 18. 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 18) facilitates a more productive in-room and executive office conferencing experience. Designed specifically for use in small-to-large-sized conference rooms and executive offices, it delivers “as good as being there” acoustical performance with crisp highs and clear lows. Features include:

- **Superior HD audio performance:** The full duplex wideband (G.722) handsfree speaker helps improve productivity for mission-critical communications. Its acoustical design and performance results in a superior audio experience, when compared to that of the Cisco Unified IP Conference Phone 7937G
- **Enhanced room coverage:** The ability to “tether” or daisy chain together, up to a maximum of two base units, delivers 360-degree coverage for larger conference rooms and executive offices up to 1500 square feet (457 meters) in size

- **Real world convenience:** A new wired control panel with dialpad flexibly supports meetings with more than one chairperson – even when they are seated apart from each other. Users simply rotate the control unit towards the chairperson for quick, convenient access
- **Deployment flexibility:** With optional support for Digital Equipment Cordless Technology (DECT), now wireless microphones and charging stations can be deployed. Wireless microphones are useful in larger conference rooms and executive offices where microphones can be easily relocated to accommodate multiple participants. Wired microphones are also optionally available
- **Increased security:** Support for authenticated encryption standard (AES) 128-bit encryption enables more secure communications for financial, health care and government environments



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8900 Series

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



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 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 for 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. This series also offers support for both XML and MIDlet applications on selected models. These applications can help your company address business processes in new ways, reduce operating and administration costs, and boost productivity. (For more information about XML and MIDlet 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:** Two models support integrated VGA-quality video cameras for standard-definition (640 x 480 pixel) video communications. Thus, with 8900 Series phones, you have the choice to deploy video immediately or add video when your business is ready
- **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 (Cisco Unified IP Phone 8961 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
 - **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:** Tri-color illuminated LED line, feature, and session keys provide at-a-glance indication of caller session status, increasing productivity (Cisco Unified IP Phone 8961 only)
 - **Bluetooth communications:** Selected models support 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. Cisco uses reground and recyclable plastics to manufacture the phones, which are available in charcoal and white, with slimline and standard handset styles that increase comfort and choice.

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[Accelerate Success with Business Multimedia Endpoints](#)

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

- **Energy cost savings:** In off hours, a power-save option reduces power consumption compared to the endpoint in active state during the work day. Selected models are also IEEE PoE Power Class 1 devices. These features reduce power consumption, benefitting your profitability and the planet
- **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 (Cisco Unified IP Phone 8961 only)

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8900 Series

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



Cisco Unified IP Phone 8941 and 8945

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[Accelerate Success with Business Multimedia Endpoints](#)

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Accelerate Success with Business Multimedia Endpoints

Cisco Unified IP Phones 8941 and 8945

For customers seeking endpoints with integrated video capability, the Cisco Unified IP Phones 8941 and 8945 (Figure 20) can be the perfect solution for you. You can use either endpoint to deliver multimedia capabilities such as:

- Creating and sending video blogs
- Participating in single-stream, standard-definition video calls or multi-stream calls with other Cisco video endpoints, including the Cisco TelePresence® System and TelePresence EX Series

The Cisco Unified IP Phone 8941 model features the latest in green technologies, requiring minimal power draw as an IEEE PoE Power Class 1 device.

The Cisco Unified IP Phone 8941 features:

- **A high-resolution, rich-media display:** The large 5-inch, 640 x 480 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:** High definition 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:** There are four illuminated line keys



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Figure 21. Flexible and Convenient Communications, Superior Audio, Enhanced Viewing



Cisco Unified IP Phone 8961

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- **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

The Cisco Unified IP Phone 8945 builds upon many of the features of the Cisco Unified IP Phone 8941 and includes the following additions:

- **Gigabit Ethernet switch:** An integrated IEEE 10/1000/1000 switch supports co-location of a multimedia PC. The IP Phone 8945 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 the Jawbone ICON for Cisco Bluetooth Headset, Bluetooth keyboards, mice, and speakerphones

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

- **A rich-media display:** The large 5-inch, 640 x 480 VGA high-resolution color display is backlit and fully adjustable for easy viewing under varied lighting conditions
- **At-a-glance functions:** Ten tri-color 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, which provide call details about each session



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- **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)

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8900 Series

Figure 22. Easy Expansion, One-touch access, Personalized Service



IP Color Key Expansion Module

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[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, the Cisco Unified IP Color Key Expansion Module (Figure 22) 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, tri-color, 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 Unified IP Phones 9900 Series

With 20 hours of new content uploaded to YouTube every minute and Enterprise employees watching 4.6 hours of Enterprise video each month, it is not a matter of if video will make its way into your organization, but when. Video is personal and efficient, and it can be everywhere with the Cisco Unified IP Phones 9900 Series (Figure 23). It transforms your phone into a full-featured video phone.

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

The new 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 will enjoy the many benefits of interactive video. With the Cisco Unified IP Phones 9900 Series, you will:

- 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
- Deliver personalized training on-demand, so you can accelerate sales cycles
- 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 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 and MIDlet applications that can help you transform business processes, reduce operating and administration costs, and boost productivity. (For more information about XML and MIDlet applications, visit the Endpoint Applications section of this brochure).

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

- **Personalized collaborative communications with video:** Interactive, high-quality standard-definition 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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With the Cisco Unified IP Phones 9900 Series, Cisco continues its ongoing commitment to green solutions. Cisco uses 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

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9900 Series

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



IP Phone 9951

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Business 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 24).

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-inch, high-resolution standard-definition VGA (640 x 480 pixel) vibrant, graphical, color display is backlit and fully adjustable for easy viewing under varied lighting conditions
- **At-a-glance functions:** Ten tri-color 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, which 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 and arctic white, 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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Transform Communications with Video

Cisco Unified IP Phone 9971

This endpoint can transform communications by enabling multiparty 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 Unified IP Phone 9971 enables affordable interactive standard-definition personal desktop video that can be easily scaled across the enterprise. The Cisco Unified IP Phone 9971 also features:

- **A rich-media display:** The large 5.6-inch, high-resolution standard-definition VGA (640- x 480-pixel) 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 provides added mobility and portability while reducing

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 tri-color 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, which 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 and white, 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 Unified Video Camera

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[Business Video for Better Collaboration](#)

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[Extend Multiparty Video Across the Enterprise](#)

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Extend Multiparty Video Across the Enterprise

Cisco Unified Video Camera

Enable rich, interactive two-party and multiparty video collaboration directly from your Cisco Unified IP Phones 9900 Series endpoints with the Cisco Unified 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 Cisco Unified IP Phones 9900 Series for a very pleasing look. The camera delivers high-performance H.264 standard-definition video communications – up to 30 frames per second. (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

Note: The camera requires Cisco Unified IP Phone firmware 9.0(2) or later.



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9900 Series

Figure 27. Extend Investment, Expand Touchpoints, Increase Scalability



Cisco Unified IP Color Key Expansion Module

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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 27) to your Cisco Unified IP Phones 9900 Series endpoints.

Each module provides 18 physical tri-color 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 72 appearances
- The 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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DX600 Series

Figure 28. Advanced Multi-purpose Collaboration Endpoints for Mission-critical Business Transactions



Cisco DX650 Endpoint

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Advanced Collaboration Endpoints

Cisco DX600 Series

The Cisco Desktop Collaboration Experience DX600 Series (Figure 28) is a new class of IP endpoints built to support the evolving needs of today’s geographically dispersed workforce. With fully integrated Cisco Unified Communications and Collaboration capabilities as well as interoperability with any standards-based H.264 video endpoint the Cisco DX600 Series is in a class of its own.

The Cisco DX600 Series is ideal for the people in your organization who “make things happen” – the big decision makers, key facilitators, and subject-matter and customer experts. This next-generation IP endpoint can fuel innovation for these individuals 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 delivers:

- **Mission-critical communications**—High-fidelity (wideband) voice and high-definition (1080p) video provide an exceptionally high-quality experience
- **Multi-capacitive, touch-screen navigation** for “tap to launch” and “pinch/zoom” capabilities enable intuitive navigation that simplifies communications
- **Rich unified communications capabilities** such as Unified Inbox, Contact Badges for multimodal communications, Single Number Reach, support for Multi-user profiles, and more accelerate productivity
- **Integrated collaboration** for real-time web conferencing and document sharing, secure enterprise-grade instant messaging, and more accelerate interactions



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DX600 Series

- **External display support** allows users to display “mirrored” content with the same application on the DX600 display and on an adjacent LCD. Users 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 headset, mouse and keyboards, enhances the user experience
- **Open Android Operating System** enables users to run the same apps they use on their mobile devices in the office – if granted by IT – even to take advantage of custom workflow applications based on Android if and when the enterprise develops them
- **Personalized Experiences** enable users to take advantage of the large ecosystem of commercial Android applications (if granted by IT) to personalize their experience. In addition, customization options such as custom wallpapers and ringtones, along with unified communications widget apps – such

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as speed dials and grouping of contacts – make it possible for users to personalize their communications experiences to enhance workflows

- **Cloud Ready** an integrated browser delivers easy access to cloud services. Support for basic desktop virtualization in Citrix and VMware environments provides is ideal for-light content-creation and business productivity applications
- **Wired and 802.11a/b/g/n Wi-Fi connectivity** for flexible deployment options reduces costs and infrastructure requirements

If your enterprise is looking to promote new levels of innovation with 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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DX600 Series

Figure 29. Cisco DX650 IP Endpoint Supports Dual-Independent Display



Cisco DX650 IP Endpoint

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

Cisco DX650 IP Endpoint with Dual Independent Display

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 business leaders they surveyed 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. For this reason top analysts – including Gartner, Forrester, and Frost & Sullivan – have all cited growing interest in a new class of desktop endpoints that enable enhanced collaboration among colleagues, suppliers, partners, and customers who may be separated by long distances.

The Cisco DX650, from the Cisco DX600 Series, (Figure 29) is a revolutionary IP endpoint that will help usher in a new era in enterprise communications. It gives users the collaborative capabilities to work productively with people, whether in a corporate, branch, or virtual office; in a shared workspace; or teleworking from home.

The DX650 enables:

- High-definition (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 services, such as the ecosystem of third-party Android applications from commercial marketplaces such as Google Play (if granted by IT)



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DX600 Series

- Support for Android desktop virtualization further extends the investment in the DX650 with access to hosted business productivity applications within the data center
- Personalization options for navigation and input entry (native touchscreen and USB and Bluetooth mouse and keyboards), customized wallpapers and ringtones, and Cisco Unified Communications widgets such as Favorites (i.e., Contact Groups) and Unified Inbox, which personalize the DX650 experience for users

With deep integration of advanced collaborative capabilities, the DX650 has the power to transform workflows. This multipurpose communications and collaboration desktop endpoint can profoundly change the way work is done. Users 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 are defining the next-generation desktop collaboration experience:

- Multitouch, 7-inch LCD screen with WSVGA 1024 x 600 screen resolution and 1080p 30 frames per second (fps) video resolution
- Full duplex speaker and wideband audio
- Android 4.0 operating system
- Texas Instruments MAP 4460 1.5 GHz chip

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DX600 Series

- Ethernet switch (10/100/1000)
- Power over Ethernet (POE) Class 4
- Integrated Bluetooth and Wi-Fi
- Three USB ports and 1 micro port
- External HDMI monitor support
- External Micro SD storage support

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

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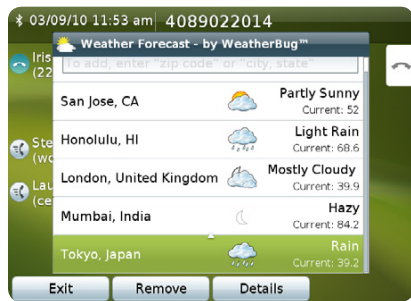
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IP Endpoint Multimedia Applications

Figure 30. More Advanced Capabilities, More Dynamic Content, More Intelligence



IP Phone 9971

[Delivering Applications for Today and Tomorrow](#)

[XML Applications](#)

[MIDlet-Enabled 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 (Figure 30). 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 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.

The Cisco Unified IP Phones 7900, 8900, and 9900 Series of advanced business endpoints provide model-dependent support for:

- XML applications
- MIDlet-enabled applications

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



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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

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XML Applications

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.



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IP Endpoint Multimedia Applications

MIDlets-Enabled Applications

- Impromptu Call Recording
- Media Management
- Text and Voice Broadcasts
- CRM Information
- Security-Breach Notification
- Emergency Alert
- Triggered Surveillance Video
- Presence-Enabled Directory
- Shared Resources Reservations
- Hospitality Guest Services
- Weather Forecasts
- Quick Calculations
- And More

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MIDlet-Enabled Applications

MIDlets are Java-based applications that are commonly used today to build applications for mobile phones. Cisco and our partners are working together to extend these advanced functions to selected Cisco Unified IP Phones 7900, 8900, and 9900 Series endpoints.

MIDlets allow you to store information and run applications directly on the endpoint, so you benefit from:

- Faster application response times
- Enhanced application graphics
- Enhanced application intelligence

Weather Forecast by WeatherBug and Quick Calculator are two free applications that showcase the potential of MIDlet applications for Cisco Unified IP Phones. These two “as-is” applications are supported on the Cisco Unified IP Phones 8900 and 9900 Series endpoints, are free-of-charge, and can be downloaded by your IT administrator from Cisco.com at: <http://www.cisco.com/go/ipphones/apps>.

Note: Cisco Unified IP Phones 8900 and 9900 Series endpoints require Cisco Unified Communications Manager System Release 8.0 and Cisco Unified IP Phone Firmware 9.0(2) and later.



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Analog Telephone Adaptor and Accessories

Figure 31. Protect Your Analog Device Investment



Cisco ATA 187 Analog Terminal Adaptor

[Turn Traditional Telephones into IP Endpoints](#)

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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 10/100BASE-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
- Session Initiation Protocol (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 and Transport Layer Security (SRTP/TLS) over SIP. The adaptor is also firmware-upgradable.

The Cisco Unified IP Phones 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 32. 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 compatibility.

Headsets

The Jawbone ICON, such as with the Jawbone ICON for Cisco Bluetooth Headset (Figure 32), supports the Bluetooth Hands-Free Profile and Headset Profiles. This support enables freedom and convenience whether at the office, at home, or on the road. The military-grade NoiseAssassin technology of the ICON eliminates noise in all environments while preserving voice quality.

You can use the Jawbone ICON with the Cisco Desktop Collaboration Experience DX650, 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

Jabra USB Headsets from GN Netcom

Two USB headsets from GN Netcom support ready-to-use capability with the Cisco DX 650 and the Cisco Unified IP Phone 8900 and 9900 Series.

The Jabra BIZ 2400 Series USB headset is a corded headset with a built-in Bluetooth connection for your mobile phone. This headset supports a PureVoice noise-canceling microphone and Neogymium 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

The Jabra BIZ 620 USB headset provides wideband sound (6800 Hz) for maximum call clarity. It features a lightweight, sturdy design and mono or duo speaker configurations. Other features include:

- A noise-canceling microphone
- Leatherette ear cushions
- Adjustable boom arm and speaker chambers
- PeakStop acoustic shock protection
- Inline controls for answer/end, volume, and mute

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Analog Telephone Adaptor and Accessories

Figure 33. The Voyager Legend UC Is Almost a Personal Assistant



Plantronics Bluetooth Voyager Legend UC

The Plantronics Voyager Legend UC (Figure 33) is the ultimate in intuitive and hands-free communications. Smart Sensor technology makes the headset almost a personal assistant. The headset:

- Automatically answers calls when you place it on your ear
- Eliminates accidental dialing by locking the call button when the headset is not worn
- Announces incoming caller's name and lets you say "answer" to accept the call or "ignore" to decline
- Tap the voice button to check battery level, connection status, and more

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Unparalleled sound engineering delivers the most advanced quality audio imaginable:

- Triple-mic AudiolQ2 DSP for noise cancellation delivers clear voice quality to you and your listener.
- Wideband delivers heightened speech clarity, providing the best possible audio quality
- Integrated A2DP lets you listen to streaming media, including your favorite songs, podcasts, turn-by-turn navigation, and more

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Analog Telephone Adaptor and Accessories

Figure 34. The Blackwire USB Headset Delivers Convenience and Intelligence



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Blackwire 700 Series USB Corded Wireless Headsets

Convenient, smart, and comfortable, with awesome sound quality – that is what makes the Blackwire 700 Series (Figure 34) headset from Plantronics the ultimate headset.

- Call controls are conveniently at your fingertips (call answer/end, mute, and volume)
- Smart Sensor technology lets you answer a call by simply putting on the headset
- Two wearing styles with comfortable luxurious leather ear pads are available: hi-fi stereo or monaural design

Wideband delivers heightened speech clarity, providing the best possible audio quality:

- Dynamic EQ automatically adjusts audio for voice or multimedia use
- Noise-canceling microphone reduces background noise
- Enhanced digital signal processor (DSP) provides more natural sounding voice



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Analog Telephone Adaptor and Accessories

Figure 35. Logitech Webcam C920-C Supports the Cisco DX600 Series as an LCD-mounted camera, Support for HD Video Collaboration



Ready to Deliver High-Definition Video Collaboration

The Logitech Webcam C920-C (Figure 35) can support the Cisco Desktop Collaboration Experience DX600 Series with ready-to-use connectivity into the DX600 Series USB ports. The Webcam C920-C supports up to 1080p high-definition (HD) video at up to 30 frames per second. This ultra-high resolution delivers true-to-life video calls. It enables users in video calls and meetings who choose to use external display support (that is, either Mirrored Mode or Dual Independent Display) to be seen by other video participants as looking directly into their camera while multitasking, because the Logitech Webcam C920-C is placed at the top of an adjacent LCD monitor.

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The webcam also features:

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

For more information please visit:

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



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Conclusion

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.



Introduction	Cisco Unified IP Phones 6900 Series	Cisco Unified IP Phones 8800 Series	Cisco Unified IP Phones 9900 Series	IP Endpoint Multimedia Applications	Conclusion
Cisco Unified SIP Phones 3900 Series	Cisco Unified IP Phones 7900 Series	Cisco Unified IP Phones 8900 Series	Cisco DX600 Series	Analog Telephone Adaptor & Accessories	Additional Information

Additional Information

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 Unified IP Phones 7900 Series

<http://www.cisco.com/go/ipphones/7900>

Cisco Unified IP Phones 8900 Series

<http://www.cisco.com/go/ipphones/8900>

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 8900 and 9900 Series Accessories

<http://www.cisco.com/go/ipphones/accessories>

Third-party Accessories

Plantronics

<http://www.plantronics.com>

GN Netcom

<http://www.jabra.com>

Cisco Quick Calculator and Weather Forecast applications (for Cisco Unified IP Phones 8900 and 9900 Series models)

http://www.cisco.com/en/US/prod/voicesw/ipphone_app.html

Cisco third-party developer endpoint applications

[https://marketplace.cisco.com/catalog/search?search\[technology_category_ids\]=23%2C24%2C25%2C26%2C197%2C198%2C1576](https://marketplace.cisco.com/catalog/search?search[technology_category_ids]=23%2C24%2C25%2C26%2C197%2C198%2C1576)

Cisco ATA 187 Analog Telephone Adapter

<http://www.cisco.com/en/US/products/ps11026/index.html>

Jawbone

<http://www.jawbone.com>

Logitech Webcam 920-C

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