Cisco Unified IP Phone Portfolio

Introduction

Cisco Unified SIP Phones 3900 Series

Cisco Unified IP Phones 6900 Series

Cisco Unified IP Phones 7900 Series

Cisco Unified IP Phones 8900 Series

Cisco Unified IP Phones 9900 Series

PC-Based Multimedia Applications

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Accessories

Analog Telephone Adaptor

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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 IT 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, and primary suppliers
- Maximize the use of subject matter experts with pervasive presence and conferencing capabilities
- Transform business processes with interactive video
Introduction

- Speed deployment, enhance security, and reduce IT costs with desktop virtualization

With Cisco Unified IP Phones, you can help your business benefit from the productivity-building capabilities of next-generation computing, communications, and collaboration. Our industry-leading IP endpoints are designed to maximize network-powered communications and collaboration by providing:

  - An exceptional computing and multimedia communications experience
  - 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.
Introduction

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

- The company lobby to the desk of your busiest managers
- The manufacturing floor to the executive suite
- The home 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: Cisco Unified SIP Phones 3900 Series
- Business communications endpoints: Cisco Unified IP Phones 6900 Series
- Advanced business endpoints: Cisco Unified IP Phones 7900 Series
- Advanced media endpoints: Cisco Unified IP Phones 8900 Series
- Advanced collaborative media endpoints: Cisco Unified IP Phones 9900 Series
- PC-based multimedia applications
- Virtualization Experience Clients: Cisco VXC 2100 and VXC 2200
- IP endpoint multimedia applications
- Accessories
3900 Series

**Entry-Level Endpoints**

With their support focused on quality voice communications, the Cisco Unified SIP Phones 3900 Series 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 include 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.

**Affordable Voice Communications**

**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.

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

> Continued
3900 Series

- 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
Introducing the 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, full-featured voice communication services, and video communications on selected models, 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 migration because of concerns over the time and costs of user training in such a migration.

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 deep-sleep power 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 productivity, and reduce operating costs through centralized administration. Selected endpoints in the portfolio support basic XML
6900 Series

and click-to-call Cisco Unified Communications Widget 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.

- **Video communications**: Optional purchase of Cisco Unified Video Advantage and the Cisco VT Camera III enables customers to take advantage of high-quality voice communications with their Cisco Unified IP Phones 6900 Series endpoints and take advantage of video using their co-located PCs.
6900 Series

Serving a Wide Range of Business Needs

The Cisco Unified IP Phones 6900 Series includes five 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 and video communications requirements

- **Cisco Unified IP Phone 6941**: A 4-line endpoint designed for businesses with moderate voice and video communications requirements

- **Cisco Unified IP Phone 6945**: A 4-line endpoint for moderate voice and video communications supporting enhanced power savings and network connectivity

- **Cisco Unified IP Phone 6961**: A 12-line endpoint designed for businesses with highly demanding voice and video communications requirements

The Cisco Unified IP Phone 6911, 6921, 6941, 6945, and 6961 models all support Cisco Unified Video Advantage and the Cisco VT Camera III for video communications. Consult the “PC-Based Multimedia Applications” section of this brochure for more information about Cisco Unified Video Advantage.
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 hookswitch (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
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:

- Supports Cisco Unified Video Advantage and the Cisco VT Camera III for video communications
- 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

> Continued
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 and video 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:

- Support for Cisco Unified Video Advantage and the Cisco VT Camera III for video communications

- 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 deep-sleep option that reduces power consumption by up to 50 percent in off-work hours
- Four dynamic soft keys that guide you through call features and functions
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:

- Support for video communications with Cisco Unified Video Advantage and Cisco VT Camera III
- 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 deep-sleep option that reduces power consumption by up to 50 percent in off-work hours
- Four dynamic soft keys that guide you through call features and functions
6900 Series

Figure 7. Moderate User Communications with Added Savings

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 video). 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.

This phone also supports video communications with the Cisco Unified Video Advantage software application and Cisco VT Camera III.
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:

- Support for video communications with the optional Cisco Unified Video Advantage and the Cisco VT Camera III

- 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 deep-sleep option that reduces power consumption by up to 50 percent in off-work hours
- Four dynamic soft keys guide you through call features and functions
6900 Series

The Cisco Unified IP Phone 6911, 6921, 6941, 6945, and 6961 models support video using the [Cisco Unified Video Advantage 2.2 software and Cisco VT Camera III](#), a USB camera that mounts on your computer monitor or laptop display. The software runs on a Windows PC or laptop and, when it is integrated with the Cisco Unified IP Phones 6900 Series endpoint, video calling is as easy as making a phone call. You simply use your phone like you normally would and the video portion is automatically displayed on your PC screen. When you are done, you hang up and the video portion automatically ends.
Advanced Business Endpoints

Cisco Unified IP Phones 7900 Series

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

The Cisco Unified IP Phones 7900 Series (Figure 9) delivers these advanced 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 advanced 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 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. Figure 9. Large Display Screens, Rich Graphics, More Information

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, Cisco Unified Communications Widgets, applications developed within the Cisco Unified Application Environment, and personal video communications with Cisco Unified Video Advantage. (For more information, visit the "PC-Based Multimedia Applications" and "IP Endpoint Multimedia Applications" sections of this brochure.)

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

> Continued
Basic but Powerful

Cisco Unified IP Phone 7911G Endpoint

This single-line endpoint is ideal for environments where the everyday business communications need is lighter, such as reception areas, laboratories, cafeterias, hallways, or the manufacturing floor.

The Cisco Unified IP Phone 7911G (Figure 10) supports entry-level XML applications along with basic applications developed within the Cisco Unified Application Environment.

The Cisco Unified IP Phone 7911G has the following features:

- A 192 x 64 pixel, graphical monochrome LCD display
- Hold button that illuminates in red when a call is placed on hold
- Unique MWI on the handset for easy recognition
- Four dynamic soft keys that guide you through call features and functions

Selected endpoints in the Cisco Unified IP Phone 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 solutions that include powerful, award-winning endpoints for people at their desktops or in conference rooms, for mobile campus-based workers, and for people who require a personal desktop video phone.

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**7900 Series**

**Figure 10.** Light-Activity Communications, Ability to Collocate a PC, Basic Endpoint Applications

**IP Phone 7911G**

- Enhance customer satisfaction and loyalty
- Transform business processes

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7900 Series

Figure 11. High-Definition Audio, Rich Display Experience, High-Speed Connectivity

IP Phone 7945G, 7965G and 7975G

- Power options, including a choice of PoE, Cisco Inline Power, or local power through an optional power adaptor
- Integrated IEEE 10/100 Ethernet to support co-location of a PC at the workspace

Full-Featured Endpoints

These full-featured endpoints (Figure 11) 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)
- Cisco Unified Communications Widgets
- Applications developed within the Cisco Unified Application Environment
- Cisco Unified Video Advantage and the Cisco VT Camera III application for video communications

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
- Support for the Cisco Unified Video Advantage and Cisco VT Camera III application for video communications

> Continued
7900 Series

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 co-located PC
- Four-way navigation cluster, plus a select key, which allow you to scroll vertically and horizontally for a superior navigation experience
- Support for the Cisco Unified Video Advantage and Cisco VT Camera III application for video communications

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
- Support for the Cisco Unified Video Advantage and Cisco VT Camera III application for video communications

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 co-located PC
- Four-way navigation cluster, plus a select key, which allow you to scroll vertically and horizontally for a superior navigation experience
Figure 12. Robust Features, Wired-Equivalent Capabilities, Easily Programmed

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
- 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

Increased Mobility
Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G Endpoints

For people who need to move about the workspace or within the campus, Cisco offers four wireless IP endpoints (Figure 12) 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 7921G, 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
Cisco Unified Wireless IP Phone 7925G builds upon the capabilities of the Cisco Unified Wireless IP Phone 7921G and 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, supporting headsets such as the Jawbone ICON for Cisco Bluetooth Headset, 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

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-EX (Figure 13) 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
- 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 14) 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.

> Continued
Rapid Call Management

Cisco Unified IP Phone 7931G

The Cisco Unified IP Phone 7931G (Figure 15) 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
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 16).

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.
Conference with Ease

Introducing the Cisco Unified IP Conference Station 7937G

Cisco offers a conference-room solution for all your conferencing needs. The Cisco Unified IP Conference Station 7937G (Figure 17) combines state-of-the-art speakerphone conferencing with award-winning Cisco voice communications to deliver superior voice quality, simplified wiring, and cost benefits. 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
Advanced Professional Media Endpoints

Cisco Unified IP Phones 8900 Series

If you are looking for ways to encourage collaboration and improve company efficiency and productivity, while reducing operating costs, the Cisco Unified IP Phones 8900 Series (Figure 18) can help you do it all. These advanced professional media endpoints are ideal for knowledge professionals, managers, and executives who seek a superior multimedia experience.

The Cisco Unified IP Phones 8900 Series accelerates business success by delivering a high-performance, rich multimedia communications experience. This series also offers a broad portfolio of XML and MIDlet applications, on selected models, that can help your company transform its business processes, 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 selected models support integrated VGA-quality video cameras and a third model offers support for video communications with Cisco Unified Video Advantage and the Cisco VT Camera III application, which displays VGA quality video on an adjacent LCD monitor. Thus, with the IP Phones 8900 Series, you have the choice to deploy video immediately or selectively add video when and where you need it.

- **Clean, uncluttered communications:** An elegant user-friendly design includes rounded ergonomic keys for an enhanced tactile feel, resulting in easier navigation and improved accuracy in interaction.

- **Enhanced viewing:** A large, backlit, vibrant high-resolution, fully adjustable color display enhances the user experience for easy viewing at a variety of angles and under a variety of lighting conditions.
8900 Series

- **Greater choice and convenience**: One standard USB 2.0 port supports USB headsets for greater choice and convenience (IP Phone 8961 only).

- **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 (IP Phone 8961 only).

- **Bluetooth communications**: Selected models support the Bluetooth hands-free profile for Bluetooth headsets, such as the Jawbone ICON for Cisco Bluetooth Headset, 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.
The Cisco Unified IP Phones 8900 Series endpoints can help organizations reduce costs in numerous ways, including:

- **Energy cost savings**: In off hours, a deep-sleep power 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.
Accelerate Success with Rich, 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 19) can be the perfect solution for you. You can use either endpoint to deliver advanced multimedia capabilities such as:

- Creating and sending video blogs
- Sharing multimedia presentations
- Participating in single-stream 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.
8900 Series

- **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.

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**Cisco Unified IP Phone 8961**

You will find robust capabilities for multimedia communications and enhanced unified communications in this advanced professional media endpoint (Figure 20).

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.

- **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).

- **Video communications:** The phone supports the optional Cisco Unified Video Advantage and Cisco VT Camera III application for video communications.
8900 Series

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 21) 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
Advanced Collaborative Media 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 22). It transforms your phone into a full-featured video phone.

With this exciting new endpoint portfolio, Cisco brings advanced multimedia communications capabilities that are ideal for knowledge professionals, managers, and executives who seek a premier multimedia experience. The Cisco Unified IP Phones 9900 Series supports interactive, high-performance business video enabled directly from the optional Cisco Unified Video Camera, which supports full-screen, two- and multiparty H.264 standard video (up to 30 frames per second). (Note: Multiparty video requires a customer-supplied multipoint control unit (MCU).) The new Cisco Unified IP Phones 9900 Series was designed with highly collaborative environments in mind. With the Cisco Unified Video Camera and these advanced 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

Figure 22. Interactive Video, High-Quality Communications, Affordable and Scalable

IP Phones 9900 Series

Advanced Collaborative Media Endpoints

Business Video for Better Collaboration

Transform Communications with Video

Extend Multiparty Video Across the Enterprise

Scale Responsively
9900 Series

- Scale compelling, integrated collaboration experiences across your organization, quickly and cost-effectively
- Collaborate with confidence within and between businesses

In addition to multiparty video, Cisco Unified IP Phones 9900 Series endpoints take advantage of the robust suite of features and applications in Cisco Unified Communications. They also have a broad 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-performance 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, such as the Jawbone ICON for Cisco Bluetooth Headset.
- **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.
9900 Series

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 deep-sleep power 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.
Figure 23. Interactive Video, Rich Multimedia Applications, Superior Audio

IP Phone 9951

Advanced Collaborative Media Endpoints
Business Video for Better Collaboration
Transform Communications with Video
Extend Multiparty Video Across the Enterprise
Scale Responsively

9900 Series

Business Video for Better Collaboration
Cisco Unified IP Phone 9951

High-performance, interactive business video can accelerate business success. The Cisco Unified IP Phone 9951 delivers it directly to your desktop phone (Figure 23).

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

- **A rich-media display**: The large 5-inch, high-resolution 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.
Transform Communications with Video
Cisco Unified IP Phone 9971

This advanced collaborative media endpoint can transform communications by enabling multiparty video collaboration directly from the IP endpoint (Figure 24). Without the expense of live onsite meetings, interactive business 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 business 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 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.
9900 Series

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 25). (Note: Multiparty video requires a customer-supplied MCU.) The camera has a compact, ergonomic design that transparently integrates into the Cisco Unified IP Phones 9900 Series ergonomic design for a very pleasing look. The camera delivers high-performance H.264 business video communications—up to 30 frames per second (Common Intermediate Format [CIF] standard) or 24 frames per second (VGA standard). 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.
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 26) 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 77 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
Full-Featured “Soft Phone”

Cisco IP Communicator

To meet the needs of enterprise professionals who want to use the same phone when they travel, telecommute, and work in the office, Cisco offers the Cisco IP Communicator (Figure 27).

This Microsoft Windows software-based application delivers:

- Enhanced telephony support through a PC
- Telephony feature parity of Cisco Unified IP Phones
- High-quality voice calls
- Connection to company services wherever you have access to the corporate network
PC-Based Multimedia Applications

Introduction

Cisco Unified IP Phones 3900 Series

Cisco Unified SIP Phones 3900 Series

PC-Based Multimedia Applications

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Conclusion & Additional Information

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**Comprehensive Collaboration at Your Fingertips**

Cisco Unified Personal Communicator

Your company can obtain up to 2 hours of more productive work from every employee every day with advanced communications and collaboration tools such as Instant Messaging, web conferencing, video conferencing, and presence information. Research firm Chadwick Martin Bailey calls this phenomenon “The Collaboration Effect”. Cisco Unified Personal Communicator (Figure 28) can help you experience The Collaboration Effect in your organization because it:

- Allows easy access to voice, video, web conferencing, Instant Messaging, voicemail, and presence information—all from an intuitive, rich-media interface on your PC or Mac
- Integrates frequently used communications applications and services into a single, unified client
- Streamlines communications, accelerates decisions, and propels innovation for teams and knowledge workers

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**Unified Personal Communicator**

| Enlarge | Reduce |

---

- Full-Featured “Soft Phone”
- Comprehensive Collaboration at Your Fingertips
- Face-to-Face Communications
Face-to-Face Communications

Introducing Cisco Unified Video Advantage

Cisco Unified Video Advantage (Figure 29), one of the components of the Cisco end-to-end collaboration architecture, offers video communications support to selected models of the Cisco Unified IP Phones 6900 and 7900 Series. Because it takes advantage of your existing IP networks, it is a cost-effective and highly scalable way to extend video communications to everyone in your organization.

This complete video telephony solution consists of Cisco Unified Video Advantage software and the Cisco VT Camera III, a high-definition 2-megapixel video telephony USB camera with a high-quality fixed-focus glass lens for improved performance and better image quality. The camera has a sleek new design and folds for easy transport and mobile video telephony. It also takes advantage of standard Windows camera drivers, making installation quick and easy.

The software runs on a Windows PC or laptop, and when it is integrated with the Cisco Unified IP Phone in your workplace, you simply dial as you normally would and the video portion is automatically displayed on your PC or laptop screen. When you are done, hang up and both the voice and video connections are automatically terminated.

If you want the personal touch and increased quality that video communications provides or if you want to create video blogs and videos on demand, you can do it quickly, affordably, and simply with Cisco Unified Video Advantage.

Cisco Unified Video Advantage is also available for selected models of the Cisco Unified IP Phones 6900, 7900, 8900, and 9900 Series of endpoints. This support protects your existing investment in Cisco Unified Video Advantage and allows you to extend the value of this investment to the new endpoints. Ease of use helps ensure that making a video call is as easy as making a phone call. Key features include:
**PC-Based Multimedia Applications**

- **HD video**: With the Cisco VT Camera III and an HD video-capable PC, you can watch HD video on the desktop endpoint or mount the camera on an LCD panel. The ability to choose how you view HD video increases productivity and enhances collaboration.

- **Video mute**: A privacy shade on the VT Camera III mutes the video when desired.

- **Video signal indication**: An LED indication on the VT Camera III indicates an active video signal.
Enable No Compromise Collaboration Everywhere

Now that most organizations are reaping the benefits of server virtualization, many companies are setting their sights on desktop virtualization. Virtual Desktop Infrastructure (VDI) is the fastest-growing approach to desktop virtualization, because it allows IT departments to centrally host and manage user desktops on a virtual machine that resides in the data center.

By some estimates, VDI may save companies as much as 70 percent in ongoing maintenance costs across the infrastructure and 30 percent in annual hardware and software acquisition costs. Experts predict that by 2013, more than 50 million users—more than 10 percent of the total user population—will access corporate resources through VDI (http://www.cisco.com/en/US/solutions/collateral/ns340/ns517/ns224/ns836/solution_overview_c22-617932.pdf).

Moving the desktop to the data center can do more than lower the total cost of PC ownership. Virtual desktops can also:

- Enhance security by keeping corporate information in the data center rather than on physical devices
- Improve user productivity and business agility by cost-effectively extending rich-media and video applications to more users
- Enable simpler and significantly faster provisioning of desktops
- Make it possible for end users to choose their own devices through which to access their virtual desktops
- However, virtual desktop infrastructures have fallen short when it comes to supporting robust collaboration capabilities. Cisco Virtualization Experience Infrastructure (VXI) addresses the collaborative needs of today’s workforce. This complete, end-to-end, service-optimized system combines the power of the virtualized collaborative workspace with a virtualization-aware network and virtualized data center. Cisco VXI:
- Incorporates best-of-class technologies from Cisco and our ecosystem of virtualization partners
Desktop Virtualization Devices

- Makes it possible to deploy desktop virtualization without compromising a rich collaborative user experience
- Takes advantage of current investments, unifying existing data center, collaboration, and networking architectures into one, comprehensive desktop virtualization system

Cisco VXI raises the desktop virtualization bar on business, user, and IT expectations. It empowers businesses to harness the power of participation by making better use of video, mobility, collaboration, and cloud technologies. It liberates users from the confines of location, distance, and client technology by providing easy access to resources, applications, and collaborative services. It allows IT to do more with less by providing endpoint flexibility and virtualization-aware control of security and policy.

Cisco has introduced several new devices that are specifically designed for virtual desktop environments. These devices include:

- The Cisco Cius™ business tablet, a revolutionary mobile collaboration platform that comes standard with a choice of virtual desktop client applications
- Cisco Virtualization Experience Client (VXC) 2100, a “zero-client” device that integrates with select Cisco Unified IP Phones (Figure 30)
- Cisco VXC 2200, a standalone “zero client” device that turns older phones into virtual desktops
Desktop Virtualization Devices

Figure 30. Enjoy All the Functions of Cisco Unified Communications in a Virtualized Environment

Cisco VXC 2100

Extend Access to Rich Communications

The compact Cisco VXC 2100 allows you to take advantage of desktop virtualization without sacrificing the communications capabilities your organization needs to be competitive. The Cisco VXC 2100 is a “zero-client” device, so it has no resident computing power. The device integrates into the base of select models of Cisco Unified IP Phone 8900 or 9900 Series endpoints (Figure 30). You simply plug it in and the endpoint is transformed into a virtual desktop that provides all the functions of Cisco Unified Communications in a virtualized environment. These productivity-building applications include:

- Instant messaging
- Visual voicemail
- Employee directory
- Communication history
- Video and web conferencing
- Enhanced presence-enabled collaboration

The Cisco VXC 2100 is designed for workers in static or shared workspaces. Because the device attaches to the back of the phone and is powered directly from the phone, it does not take up any additional desk real estate. Ethernet connectivity is also provided from the phone. The device supports connections for two monitors and four USB ports for keyboard, mouse, and other peripherals. Depending on the configuration, the device can be simultaneously powered by a shared PoE 802.3at connection.
Desktop Virtualization Devices

Figure 31. Enjoy All the Functions of Cisco Unified Communications in a Virtualized Environment

Turn Phones Into Virtual Desktops
Cisco VXC 2200

The Cisco VXC 2200 (Figure 31) is a sleek, standalone, “zero-client” device that gives deskbound users access to business applications running in a virtualized desktop environment. Designed with the green workspace in mind, the Cisco VXC 2200 can be powered through PoE or through an optional power supply. The device supports connections for external monitors through two onboard monitor ports. Four USB ports support the appropriate peripherals for a virtual desktop environment.

You can use the Cisco VXC 2200 when Cisco Unified IP Phones 8900 and 9900 Series endpoints are not available or where other vendors’ communications systems and phones are used. You can also use it in situations where no phone is required. With standard PoE, this device will support configurations including:

- A single monitor with USB keyboard and mouse with 802.3af
- Two monitors and all USB ports used with 802.3at
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 32). 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 Unified Communications Widgets
- Cisco Unified Application Environment 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
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.
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.
Cisco Unified Communications Widgets

Cisco Unified Communications Widgets enhance personalization and productivity in every workspace by making it possible for you to click-to-call directly from desktop applications and web browsers. You can also speed dial, view voicemail, and listen and respond to Cisco Unity® messages directly from your Cisco Unified IP Phone display.

Cisco Unified Application Environment

Cisco offers a rich portfolio of applications and development tools for organizations that wish to develop and manage customized applications. Cisco Unified Application Environment enables web or enterprise developers who have not yet developed telephony and unified communications skills to use the development tools they are familiar with—so they can quickly and easily integrate network services and advanced unified communications capabilities with other business applications. Customers also have the option to develop new transformational applications.
Accessories

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.

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.

Bluetooth Headsets

Cisco and Aliph, the maker of Jawbone ICON, CNET’s highest-rated headset ever, are partnering to transform the way customers collaborate with the Jawbone ICON for Cisco Bluetooth Headset (Figure 33). Support for Bluetooth Hands-Free Profile and Headset Profiles enables freedom and convenience whether at the office, at home, or on the road. Military-grade NoiseAssassin technology from Jawbone eliminates noise in all environments while preserving voice quality.

You can use the Jawbone ICON for Cisco Bluetooth Headset with the Cisco Unified IP Phones 9900 Series and select models of the Cisco Unified Wireless IP Phone 7900 Series.

- **One headset for all your devices enhances productivity:** The Jawbone ICON for Cisco Bluetooth Headset 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. You can also connect with your PC or Mac to process calls on Cisco IP Communicator.
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Cisco Unified SIP Phones 6900 Series

Cisco Unified SIP Phones 7900 Series

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Jabra USB Headsets from GN Netcom

Two new USB headsets from GN Netcom support ready-to-use capability with Cisco Unified IP Phones 8900 and 9900 Series and Cisco IP Communicator.

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

Figure 34. The Jawbone ICON for Cisco Bluetooth Headset Comes Packaged in an Instructional Gift Box

- A wearable computing device: Jawbone ICON for Cisco Bluetooth Headset supports spoken in-ear updates of important information such as caller ID, remaining talk time, remaining batter life, and more. MyTALK headset software lets you dynamically update and personalize each headset with an array of convenient applications. Software updates protect your headset investment with new features to keep the ICON current.

- An experience built for you: The Bluetooth V2.1 + EDR-compliant headset comes packaged in an instructional gift box (Figure 34) to enable rapid, self-setup for all users. Ear buds come in different sizes to help ensure a comfortable fit.

> Continued
Accessories

- 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

Excellent Audio in Even the Noisiest Conditions
Analog Telephone Adaptor

Turn Traditional Telephones Into IP Endpoints

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

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

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

- User configuration
- Full-duplex capability
- Central provisioning for ease of administration
- 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.
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 value-added services such as HD voice, high-resolution color display presentation, USB peripherals, Bluetooth, and a wide array of productivity-building applications from Cisco and our developer partners
- PC-based multimedia applications that make it possible to obtain up to 2 hours of more productive work from every employee every day by bringing advanced unified communications capabilities to the desktop

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.
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

Accessories for the Cisco Unified IP Phones 8900 and 9900 Series:  
http://www.cisco.com/go/ipphones/accessories

Cisco IP Communicator:  

Cisco Unified Personal Communicator:  

Cisco Unified Video Advantage:  

Cisco Unified Application Environment:  

Cisco Quick Calculator and Weather Forecast applications (for Cisco Unified IP Phones 8900 and 9900 Series models):  
http://www.cisco.com/go/ipphones/apps

Cisco third-party developer endpoint applications:  
http://www.cisco.com/pcgi-bin/ctdp/Search.pl

Jawbone ICON for Cisco Bluetooth Headset:  

Cisco ATA 187 Analog Telephone Adapter  