

pbxnsip and Cisco 7940 and 7960 IP Phones

pbxnsip fully provisions the Cisco 7940 and 7960 IP Phones. The Cisco Unified IP Phone 7960G is designed to meet the communication needs of professional workers in enclosed office environments--employees who experience a high amount of phone traffic in the course of a business day.



This IP phone supports access to multiple telephone lines (or a combination of lines and direct access to telephony features) and includes high-quality, hands-free speakerphone capability and built-in headset connectivity. A large pixel-based display provides supplemental information, access to applications, and makes it easy to use telephone features.



Cisco 7960 IP Phone



The Cisco Unified IP Phone 7960G, a key offering in the IP Phone portfolio, is a full-featured IP phone primarily for manager and executive needs. It provides six programmable line/feature buttons and four interactive soft keys that guide a user through call features and functions.

Audio controls for duplex speakerphone, handset and headset.

The Cisco Unified IP Phone 7960G also features a large, pixel-based LCD display. The display provides features such as date and time, calling party name, calling party number, and digits dialed. The graphic capability of the display allows for the inclusion of such features as XML (Extensible Markup Language) and future features.

- 24+ user-adjustable ring tones
- A hearing-aid-compatible handset (meets American Disabilities Act [ADA] requirements) and HAC compliance for magnetic coupling to approved HAC hearing aids
- G.711 and G.729a audio compression
- H.323 compatible and Microsoft NetMeeting compatibility
- An IP address assignment-DHCP client or statically configured
- Comfort noise generation and voice activity detection (VAD) programming on a system basis
- EIA/TIA RS-232 port for future add-on options such as line expansion, security access, and more

Features

The Cisco Unified IP Phone 7960G is dynamic and designed to grow with system capabilities. Features will keep pace with new changes via software updates to the phone's flash memory. The phone provides many accessibility methods according to user preference. Various methods or paths include buttons, softkeys, a navigation key, and direct access with the use of corresponding "ghost" digits. Each of the features below will have expanded capabilities in the future:



Messages: Direct access to voice mail. In the near future voice mail speech to text readout on the display.



Directory: The Cisco Unified IP Phone 7960G identifies incoming messages and categorizes them for users on the screen. This allows users to quickly and effectively return calls using direct dial-back capability.

The corporate directory integrates with the Lightweight Directory Access Protocol (LDAP3) standard directory.



Settings: The Settings feature key allows the user to adjust display contrast and select from a large of unique ringer sounds, volume settings for all audio such as ringer, handset, headset, and speaker. Network Configuration preferences can also be set up. (Network configuration is usually set up by the System Administrator.) Configuration can either be automatic or manually set up for Dynamic Host Control Protocol (DHCP), Trivial File Transfer Protocol (TFTP), CallManager, and backup CallManagers. A huge advantage is the ability for no hands on moves and changes. Just pick up the phone and move to the new location anywhere on your network. No system administration is required.



Web Browser: The Cisco Unified IP Phone 7960G allows users to quickly access diverse information such as weather, stocks, quote of the day, or any Web-based information using extensible markup language (XML) to provide a portal to an ever-growing world of features and information.



Help: The online help feature gives users information about the phone's keys, buttons, and features. The pixel display allows for greater flexibility of features and significantly expands the information viewed when using features such as Services, Information, Messages, and Directory. For example, the Directory button can show local and server-based directory information.



Speaker Phone: The Cisco Unified IP Phone 7960G features high-quality, speakerphone technology. It also includes an easy-to-use speaker on/off button and microphone mute buttons. These buttons are lit when active.

The internal Cisco two-port Ethernet switch allows for a direct connection to a 10/100BASE-T Ethernet network via an RJ-45 interface with single LAN connectivity for both the phone and a co-located PC. The system administrator can designate separate virtual LANs (VLANs) (802.1Q) for the PC and Cisco Unified IP Phones providing improved security and reliability of voice and data traffic.