

Cisco Instant Connect Phone Client

The Cisco® Instant Connect portfolio of products and applications streamlines daily operations and enables organizations to rapidly respond to incidents or emergencies. It dissolves communications silos between disparate Land Mobile Radio systems and devices such as mobile phones, landline phones, IP phones, and PC clients - users can communicate with whatever device they have, from wherever they are. Users can be notified with the status of an event, and can be automatically called and invited to join a virtual conference, further improving situation awareness and reducing response time. Cisco Instant Connect provides flexible and scalable communications interoperability, enhancing the value of existing and new radio, telephony, and IP communications networks.

The Cisco Instant Connect Phone Client application (Figure 1) enables Push-To-Talk (PTT) functionality on select models of Cisco Unified IP Phones, a capability previously reserved for radio-only users. It enables users to communicate over and monitor broadcasts of channels of communications. With a push of a single button on the phone, a user can communicate over a channel to other users monitoring that channel.

Figure 1. Cisco Instant Connect Phone Client



The Cisco Instant Connect Phone Client for Cisco Unified IP Phones extends communications of existing PTT radio or broadcast networks. With the Cisco Unified IP Phone, users can also respond to incidents or emergencies by using the Cisco Instant Connect Phone Client, boosting organizational responsiveness as well as operational efficiency and effectiveness.

Cisco Instant Connect Phone Client users can be added to new communication channels as incidents or needs arise. Users have communication access not only to PTT radio channels, but also to online Cisco Instant Connect dispatch console

An integral component of Cisco Instant Connect, the Cisco Instant Connect Phone Client is a licensed application hosted by the Cisco Instant Connect Server. The Cisco Instant Connect Phone Client works in conjunction with the Cisco Instant Connect Server to receive its configuration, updates and upgrades, management, authentication, and alert tone distributions.

Cisco Instant Connect is a systems-level, network-based solution for voice interoperability. It takes full advantage of open IP standards and IP network infrastructure for greater resiliency, scaling, and security, and is part of a complete communications solution for organizations of all sizes.

Features and Benefits

Extension of Traditional Push-to-Talk Network to IP Network

The Cisco Instant Connect Phone Client extends voice reachability from PTT radio or broadcast networks to Cisco Unified IP Phones.

Multiple Channel Types

Cisco Instant Connect Phone Client users have communication access not only to PTT radio channels, but also groups made up of multiple channels and communication device types such as mobile phones, and IP phone.

Easy Remote Access

With VPN, authorized Cisco Unified IP Phone users can utilize the Cisco Instant Connect Phone Client remotely from anywhere in the world.

Quick and Dynamic Access to Communications Channels

Cisco Unified IP Phone users with the Cisco Instant Connect Phone Client can choose from a list of communication channels to participate and monitor, thereby replacing or reducing the number of desktop endpoints or handheld radios needed.

Uninterrupted Communications

Should the Cisco Instant Connect server be unavailable, Cisco Unified IP Phone users with the Cisco Instant Connect Phone Client can continue to communicate over the selected channel and operate in an offline mode.

Remote Management

The Cisco Instant Connect Phone Client is managed securely and remotely through the Cisco Instant Connect server for configuration changes, and other updates, such as information, resources, and permissions. Server-managed configuration alleviates the need for time-consuming and costly onsite IT resources, improves ease of use, and facilitates service offerings.

Multicast Connectivity

Audio through the Cisco Instant Connect Phone Client is multicast, enabling scalability and improving network performance.

Listen-Only Channels

Cisco Unified IP Phone users with the Cisco Instant Connect Phone Client can monitor channels in listen-only mode even if permission to talk is not provided.

Product Specifications

Table 1 describes product specifications.

Table 1. Product Specifications

Specification	Description
Voice codecs	G.711, G729
Assigned channels	Up to 32 channels
Active channels	One channel
Connectivity	Multicast
Voice streams per channel	Maximum of 3 simultaneous multicast voice streams

Minimum System Requirements^{*}

Cisco Unified IP Phones

- Cisco Unified IP Phone 7841, 7911G, 7942G, 7945G, 7962G, 7965G, 7975G, 7940G, 7960G, 7941G-GE, 7961G-GE, 7970G, 7971G-GE
- Cisco Unified IP Phone 6941, 6945, 8961, 9951, 9971
- Cisco Unified IP Phone 8861, 8841, 8945, 8851
- Cisco Unified IP Phone 8941, 8945
- Cisco Unified Wireless IP Phone 7925, 7926, 8821

^{*}**Note:** Check the Cisco Instant Connect Compatibility Matrix for the latest supported models and versions.

Licensing Information

The Cisco Instant Connect server checks the license count for concurrent Cisco Unified IP Phone with Cisco Instant Connect Phone Client license usage. Each Cisco Instant Connect Phone Client that is logged into the Cisco Instant Connect server consumes a license. If one user logs in to multiple Cisco Instant Connect Phone Client sessions from different Cisco Unified IP Phones, that user will consume multiple licenses (one for each Cisco Instant Connect Phone Client session). This means that the Cisco Instant Connect Phone Client can be installed on as many Cisco Unified IP Phones as needed and the licensing is based upon the Cisco Instant Connect Phone Client sessions that are in use at any given time.

Ordering Information

As organization's needs evolve, additional licenses of Cisco Instant Connect Phone Client can be purchased and added, thereby enabling customers to grow and scale deployments over time.

To place an order, visit the Cisco Ordering Home Page. To download software, visit the Cisco Software Center. Table 2 provides ordering information.

Table 2. Ordering Information

Part Number	Description
L-CIC-VM	Virtualized eDelivery Instant Connect System. Order this for a virtualized version of the Cisco Instant Connect system. Structure all software as options to this part number for eDelivery of software licenses.
CIC-IPPH	Cisco Instant Connect IP Phone Client licenses. The option can be ordered for bundles or upgrades that need additional IP Phone license. Order this as an option to the L-CIC-VM.

Part Number	Description
CIC-IP-5X-UG	Cisco Instant Connect IP Phone upgrade from 4.X. The option can be ordered for customers that have an existing IP Phone license in 4.X and want to upgrade to the 5.X license. Order this as an option to the L-CIC-VM.

Service and Support

Using the Cisco Lifecycle Services approach, Cisco and its partners provide a broad portfolio of end-to-end services and support that can help increase your network's business value and return on investment. This approach defines the minimum set of activities needed, by technology and by network complexity, to help you successfully deploy and operate Cisco technologies and optimize their performance throughout the lifecycle of your network.

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For More Information

For more information about the Cisco Instant Connect product and solution, visit <https://www.cisco.com/go/instantconnect> or contact your local Cisco account representative.



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