

Typical networking connections to enable IP Phone Interface lighting control. ■



### ■ IP PHONE INTERFACE (IPI)

Encelium's IP Phone Interface (IPI) allows personal lighting control features to be accessed via the touch screen display on a Cisco® IP Phone. Individuals in a building can control lighting levels in their workspace to suit their personal lighting requirements directly from their phone. IPI has the same functionality as Encelium's personal lighting control software and is ideal for office environments where occupants are not assigned permanent work stations or where workspace assignments change frequently.

The association between a Cisco® IP phone and the light fixtures that it controls is fully configurable via Encelium's Polaris software. This means that the IP Phone Interface can be used to control the light levels of a personal workspace, a boardroom, or even an entire auditorium. Relocating a IPI enabled Cisco® IP Phone from one location to another is as simple as logging in to the IPI service and entering a new IPI activation key.

IPI allows users to save or recall preset lighting scenes so that the desired lighting level can be easily accessed to suit the user's personal lighting preferences. Scenes are easily renamed, reorganized, and deleted through the IPI interface.

**TECHNICAL**

The Encelium SSU hosts the IPI web service. The service is accessible by the Cisco® network via a LAN connection to the Encelium ECU (recommended) or through the Encelium SSU. This connection is established through one of the Ethernet network interfaces available on the Encelium ECU or Encelium SSU.

The URL of the IPI web service is registered in Cisco® Unified Communications Manager or Cisco® Unified Communications Manager Express via standard Cisco® tools. No other CM or CME configuration changes are required to setup the IPI service.

IPI uses HTTP messages to deliver content to registered Cisco® IP Phones. The content is packaged in standard Cisco® eXtensible Markup Language (XML) wrappers.

End-users access IPI through the Services button or standard menu options on their Cisco® IP Phone.

**SYSTEM REQUIREMENTS**

One of the following:

- Cisco® Call Manager 6.1 or higher
- Cisco® 2800 Series Integrated Service Router running Cisco® Call Manager Express version 7.1 or higher and Cisco® IOS software version 124-22.YB1 or higher
- Cisco® Unified Communications 500 Series running Cisco® Call Manager Express version 7.03 or higher and Cisco® IOS software version 124-22.YB1 or higher

Cisco® IPPhone models supported:

- 7941G, 7941G-GE, 7942G, 7961G, 7961G-GE, 7962G, 7945G, 7965G, 7970G, 7971G-GE, 7975G, IP Communicator

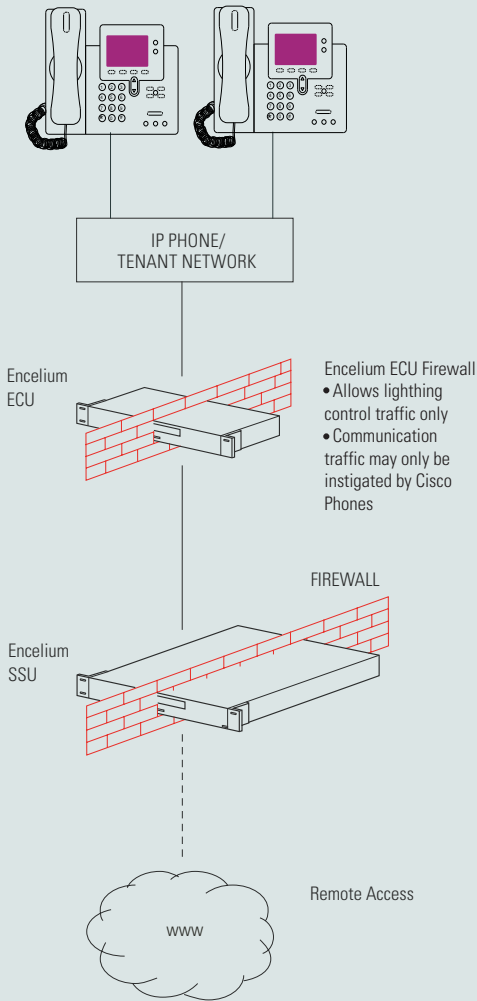
Cisco® IP Phone firmware versions:

- Firmware version 8-3.4SR1S or higher for systems using Cisco® Call Manager
- Firmware version 8-4.2S or higher for systems using Cisco® Call Manager Express

A physical network connection between the Encelium network and the Cisco® network is required via an Encelium ECU (recommended) or an Encelium SSU.

Specifications subject to change without notice.

**Cat. # IPI-600**



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