

▶ Polycom® SpectraLink® Open Application Interface Gateway

Messaging for SpectraLink Wireless Telephones

Open Application Interface (OAI) System Overview

The Polycom Open Application Interface (OAI) enables third-party applications to send and receive real-time text-based messages and alerts using Polycom® SpectraLink® wireless telephones. This unique two-way functionality enables mobile users to rapidly respond to non-voice messages, thereby reducing decision-making time and increasing productivity throughout the workplace.

Polycom allows third-party applications to communicate to SpectraLink wireless telephones via the Polycom SpectraLink OAI Gateway. The OAI Gateway provides access to the handset's status and control features including display, keypad, icons and ringer. With OAI, users can receive and retrieve important information from external systems such as nurse call systems, email applications, HVAC systems, ERP databases and security systems. In order to meet the diverse needs of our customers, Polycom partners with experienced systems integrators and independent software vendors who utilize OAI to deliver complete messaging solutions. Additionally, prepackaged solutions are available for specific applications including directory services, nurse call systems, inventory access and alarm control systems.

OAI System Capabilities

Text-based Messaging

Receive text alerts while on a voice call. A tone indicates incoming text messages for discreet notification without ending the call. Integrate with email, scheduling, or paging systems to give mobile employees access to critical information.

Voice Response

Respond to text messages by initiating a call on the SpectraLink wireless telephone to instantly call co-workers, managers, doctors or customers.

Data Access

Direct access to timely database information such as inventory status, price quotes or class schedules directly.

Instant Group Messaging

Send text messages instantly to a group of handsets or simply share information with several users.

Message Escalation

Escalate critical text messages manually or automatically. Inbound requests are either manually forwarded to other specific users or automatically forwarded using pre-defined escalation paths and rules.

Remote Control

Use SpectraLink wireless telephones as remote control devices to turn lights on or off, cancel alarms or reset the temperature on air conditioning units.



Benefits

- ▶ Priority text messaging
- ▶ Direct response from users
- ▶ Escalate and/or forward requests
- ▶ Command and central capabilities
- ▶ Audible alerts
- ▶ Group messaging

Polycom Open Application Interface (OAI) Specifications

Hardware

OAI Gateway for SpectraLink 6100 MCUs for SpectraLink 6020 Wireless Telephones

Software applications interface to the SpectraLink OAI Gateway through an RS-232 serial connection.

Specifications

Capacity:	OAI interface for up to 64 SpectraLink Wireless Telephones
Dimensions:	7.0" D x 3.0" H x 13.0" W (19" rack mount option)
OAI port:	RS-232 serial
Weight:	4.75 lbs



SpectraLink 6300 MCU OAI-Enabled System Controller for SpectraLink 6020 Wireless Telephones

Software applications interface to the OAI-enabled primary or expansion shelf through an RS-232 serial connection on the controller card. Expansion shelves must be equipped with OAI-enabled controllers.

Specifications

Capacity:	OAI interface for up to 64 SpectraLink Wireless Telephones
System controller:	OAI interface for up to 160 SpectraLink Wireless Telephones on the primary shelf
Expansion shelf controller:	OAI interface for up to 160 SpectraLink Wireless Telephones on one expansion shelf
OAI port:	RS-232 serial
Weight:	4.75 lbs



SpectraLink 8000 OAI Gateway for SpectraLink 8020, 8030 and 8400 Wireless Telephones

Software applications interface to the SpectraLink 8000 OAI Gateway through a serial or Ethernet connection.

Specifications

Capacity:	MOG701 OAI interface for up to 64 SpectraLink Wireless Telephones MOG711 OAI interface for up to 128 SpectraLink Wireless Telephones MOG721 OAI interface for up to 256 SpectraLink Wireless Telephones MOG731 OAI interface for up to 512 SpectraLink Wireless Telephones MOG741 OAI interface for up to 1,024 SpectraLink Wireless Telephones MOG751 OAI interface for up to 2,048 SpectraLink Wireless Telephones
Dimensions:	7.0" D x 3.0" H x 13.0" W (19" rack mount option)
OAI port:	RS-232 serial or 100 Base-T, half-duplex
Weight:	4.75 lbs



Find Out More

Learn what SpectraLink Wireless Telephones can do for your organization. Visit us at polycom.com or contact your Polycom representative.

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