

# Polycom® SpectraLink® 8400 PBX Integration Solution Featuring the AudioCodes Mediant 1000 SIP Gateway

Enjoy the benefits of the newest generation of SpectraLink VoWi-Fi handsets with TDM PBXs.

## Overview

Provide mobile workers on-demand communications away from their desks, while utilizing your existing PBX and preparing for the future.

Many large businesses have a migration plan for SIP telephony. However, more than sixty percent of enterprises continue to use circuit-switched or proprietary IP PBXs. With the Polycom® SpectraLink® 8400 PBX Integration Solution, you can realize the benefits of the latest SpectraLink wireless SIP handsets with your legacy PBX. This is an ideal way to provide mobile workers what they need, wherever they are, with minimal complexity and cost.

## Solution Description

The SpectraLink 8400 PBX Integration Solution from Polycom consists of an AudioCodes Mediant 1000 VoIP Gateway combined with Polycom Professional Services. The Mediant 1000 allows the SpectraLink 8400 SIP telephones to link to your existing PBX and retain a full telephony feature set. Polycom's installation and maintenance expertise helps ensure smooth installation, precise operation and continued reliability. Ideal for environments where on-site mobile workers require on-demand communications. This solution improves staff productivity, minimizes the costs of dedicated voice network infrastructure and does not require PBX upgrades or replacements.

### AudioCodes Mediant 1000

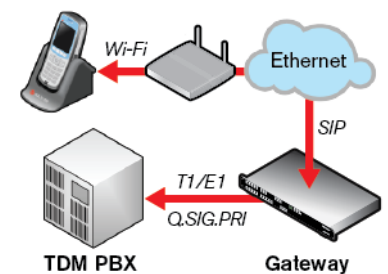
The Mediant 1000 is a converged wireline VoIP media gateway that provides an interface between your technical decision maker (TDM) and SIP (IP) networks. SIP endpoints, like the SpectraLink 8400 handsets, register with the Mediant 1000, which in turn routes calls between the handsets and the PBX. The Mediant 1000 is scalable with a modular chassis that supports up to 4 E1/T1 PRI interfaces to the PBX and up to 600 SIP line registrations per gateway. A web interface facilitates administration.

### Polycom SpectraLink Professional Services

With a single point of contact for the entire solution, we help ensure that each component is correctly configured, so you can cutover quickly. And with Polycom maintenance, we are at your service, when and where you need it.

### SpectraLink 8400 Wireless Telephones

The SpectraLink 8400 family of handsets are voice over Wi-Fi (VoWi-Fi) telephones that can share the wireless network with video, data, nurse call, telemetry, and other applications within the coverage area. Because they interface with your enterprise-deployed call servers, the handsets give end users mobility with all the features and functions of a wired office telephone. SpectraLink 8400 handsets also provide Web-based access to key applications, instant messaging, and push-to-talk functionality for group communications. SpectraLink 8400 handsets provide substantial cost savings over other wireless technologies because they utilize shared Wi-Fi infrastructure and eliminate the recurring charges of public cellular networks.



## Product Benefits

- Cost effective – no expensive PBX upgrades required
- Provides SIP migration path
- Easily Managed – Polycom is single point of contact
- Full featured – provides business telephony features
- Reliable – backed by Polycom experience and commitment
- Flexible – use native SIP where available, and legacy infrastructure as needed

Specifications at a Glance	
PBX Connectivity	<ul style="list-style-type: none"> <li>▪ Via PRI, Q.SIG trunking for richest feature set</li> <li>▪ Supported installation planned for Nortel CS1000, and Avaya Communication Manager</li> </ul>
Scalability	Chassis-based, scalable from 1 to 4 E1/T1 PRI
Number of Registrations/Users	Up to 600 per gateway
Supported Features*	Outgoing Call, Incoming Call, Call Hold & Resume, Do Not Disturb, Call Waiting, Call Forward, Transfer, 3-way conference, Caller-ID, Up to 6 call appearances per line, Redial, Contacts/Directory, Speaker/Mute, User Profiles, PTT, Speed Dial, Application Integration (OAI/XML) (Summary only, actual features may vary among call servers.)

\*Using Q.SIG Trunking

## Target Customers

SpectraLink 8400 handsets improve productivity and responsiveness for on-site mobile professionals across a wide range of industries, including healthcare, retail, manufacturing and hospitality.

**Healthcare:** Nursing and staff mobility is achieved with SpectraLink 8400 voice over wireless LAN solutions that enable immediate access to co-workers, key applications, and most importantly, to patients.

**Retail:** Retail managers, clerks, and shop floor personnel can use SpectraLink 8400 handsets to quickly respond to customer requests, creating a more positive shopping experience and repeat purchases.

**Hospitality:** From the front desk and concierge to security and housekeeping, property staff can be reliably and securely reached throughout the facility to serve any guest need.

**Manufacturing:** Wireless handsets eliminate paging delays, improve operations and enable faster responses to problems and emergencies, reducing downtime and production slippage.

## About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit [www.polycom.com](http://www.polycom.com) or connect with Polycom on Twitter, Facebook, and LinkedIn.

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