

# ▶ Polycom® SpectraLink 8000 System Overview

Voice over WLAN for the Workplace



Polycom's SpectraLink Wireless Telephones operate on converged voice and data Wi-Fi infrastructure to reduce costs and simplify management while significantly improving employee mobility, responsiveness and productivity.

## **Integrated Wi-Fi Telephony**

SpectraLink Wireless Telephones enhance the Wi-Fi networks of today and tomorrow. Supporting integrations with circuit-switched PBX systems as well as IP telephony call servers, SpectraLink Wireless Telephones provide packetized voice over a Wi-Fi network infrastructure without sacrificing advanced telephone features and capabilities. SpectraLink Wireless Telephones provide a wide range of IP, digital and analog interfaces ensuring connectivity to the majority of PBX systems for businesses worldwide.

In the enterprise, when using VoIP, Polycom offers three alternatives to ensure superior voice quality across large enterprise Wi-Fi networks. By supporting SpectraLink Voice Priority, Wi-Fi Standard QoS and Cisco CCXv4 on the SpectraLink 8020 and 8030 Wireless Telephones, Polycom offers the flexibility to align with customer requirements and implementation preferences.

In small businesses, entry-level SpectraLink Wireless Telephones are designed to support industry standards for wireless quality of service (QoS) and security, allowing businesses to leverage improvements in wireless network performance and protect their investments.

## **Designed for the Workplace**

Polycom offers the industry's most versatile Wi-Fi telephony solutions for the workplace. SpectraLink Wireless Telephones support a broad range of applications from general office to industrial. The lightweight handsets are extremely easy to use, require minimal training and are durable enough to withstand the rigors of workplace use.

SpectraLink Wireless Telephones offer more than just voice communication. Utilizing Polycom's Open Application Interface (OAI), the handsets function as two-way text messaging devices thus giving mobile workers access to critical information. Push-to-talk functionality is also available for broadcast communication between employees, eliminating the need for walkie talkies.

## **About Polycom**

Polycom, Inc. (Nasdaq: PLCM) is the global leader in telepresence, video, and voice solutions and a visionary in communications that empower people to connect and collaborate everywhere. Please visit [www.polycom.com](http://www.polycom.com) for more information.

## **Benefits**

- ▶ Dramatically improve responsiveness and productivity of mobile workers
- ▶ Leverage wireless LAN infrastructure for voice and data applications
- ▶ Deliver high-quality and secure voice communications across all enterprise environments
- ▶ Leverage investment in circuit-switched and IP PBX features throughout the workplace
- ▶ Increase business efficiency by integrating with application systems and business processes
- ▶ Maximize employee availability using simple, reliable and durable devices

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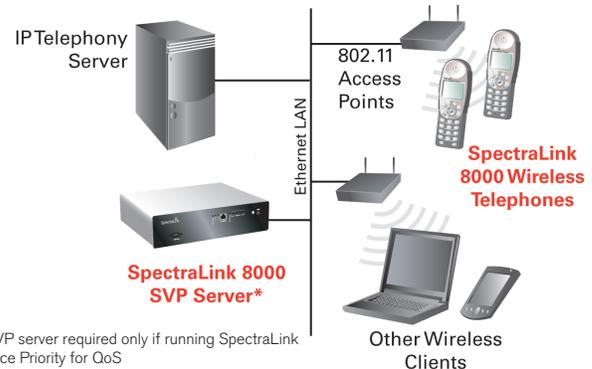
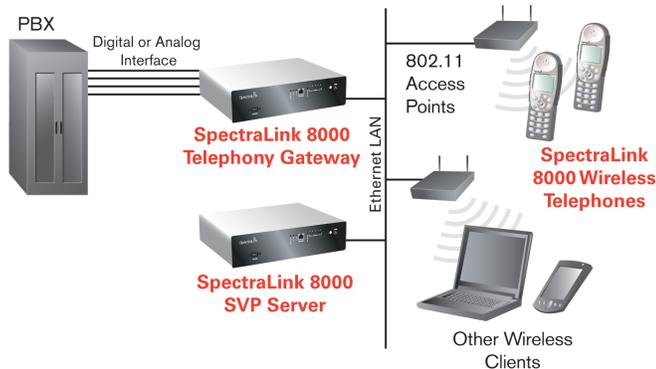
## System Features

- 802.11 a/b/g (Wi-Fi) compatible
- Seamless integration with IP, digital and analog PBX systems
- Standards-based and proprietary support for VoIP protocols, quality-of-service and security
- Text messaging support via Open Application Interface (OAI)
- Simple management and configuration

## Handset Features

- Lightweight, ergonomic design
- Resistant to dust, shock and liquid damage
- Single, dual and quad charging options
- Push-to-talk (PTT) mode with 24 channels plus one priority override
- Integrated office-quality speakerphone

## Enterprise Solutions



\*SVP server required only if running SpectraLink Voice Priority for QoS

### Integration with Circuit-switched PBX

SpectraLink 8000 Telephony Gateways connect to traditional circuit-switched PBX and key systems using standard analog or PBX-specific digital station interfaces. The Polycom SVP Server guarantees excellent voice quality on converged wireless networks.

### Integration with IP Telephony Server

SpectraLink 8020/8030 Wireless Telephones support standard and proprietary IP telephony protocols without the need for a separate gateway. They support three alternatives for enterprise-grade QoS that ensure excellent battery life, call capacity and voice quality. These options include: SpectraLink SVP, Wi-Fi Standard QoS and Cisco CCXv4.

## Small Business Solutions



### Integration with with SIP IP PBX

SpectraLink 8002 Wireless Telephones interface directly with SIP-based PBXs and rely on Wi-Fi Multimedia-enabled APs for voice quality.

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