

Polycom® SpectraLink 8000 System Overview

Voice over WLAN for the Workplace

Polycom 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

Polycom 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 voice quality or 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.

Polycom is committed to providing superior voice quality while maintaining the greatest interoperability across large enterprise Wi-Fi networks. By providing solutions that support SpectraLink Voice Priority, Wi-Fi Standard QoS or Cisco CCXv4, Polycom guarantees excellent voice quality and offers customers the flexibility to align with requirements and implementation preferences.

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 healthcare 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 much more than just voice communication. Utilizing Polycom's standard-based XML API and full web browser or Polycom's Open Application Interface (OAI), the handsets function as two-way messaging devices and/or web-clients 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. Instant Messaging (IM) and Real-Time Location Services (RTLS) further increase the power of these mobile tools.

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, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security—on-premises, hosted, or cloud delivered.

For more information, visit www.polycom.com, call 1-800-POLYCOM, or contact your Polycom sales representative.



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 or IP/SIP 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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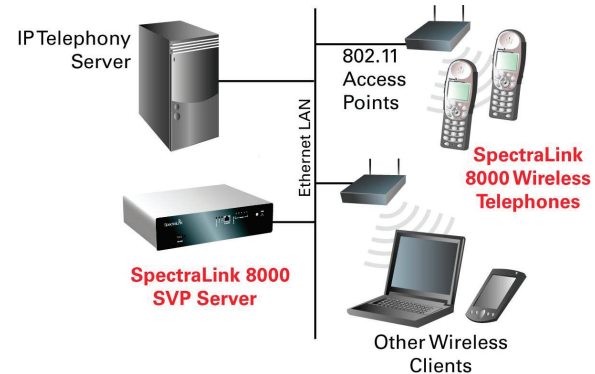
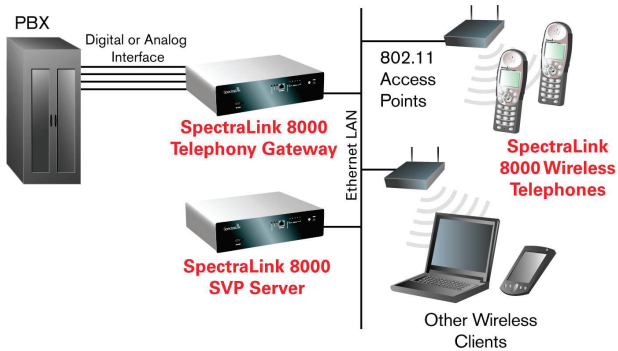
System Features

- 802.11 a/b/g/n (Wi-Fi) compatible
- Seamless integration with SIP, IP, digital and analog PBX systems
- Full-standards-based and proprietary support for VoIP protocols, quality-of-service and security
- Text messaging, instant messaging, application integration, web browser, real-time location services and calendar options
- Simple management and configuration

Handset Features

- Lightweight, ergonomic design
- Resistant to dust, shock and liquid damage
- Single, dual and , quad and docking station options
- Push-to-talk (PTT) mode with 24 channels plus one priority override
- Integrated, enterprise-grade barcode scanner option
- Integrated office-quality speakerphone
- Polycom HD Voice and advanced noise reduction options

Enterprise Solution Options

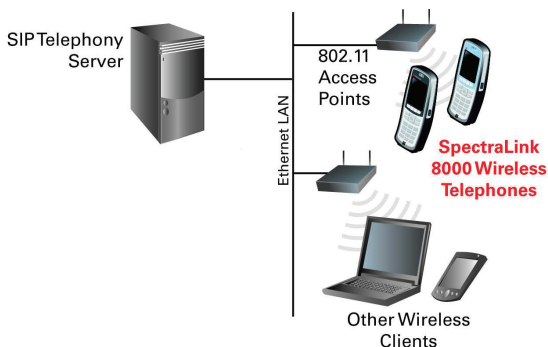


Integration with Circuit-switched PBX

For SpectraLink 8020/8030 Wireless Telephones, the 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.



Standards-Based Integration with SIP Telephony Servers and WLAN infrastructure

SpectraLink 8400 Series handsets support standard SIP telephony protocols without a separate gateway. They support enterprise-grade standards for security and QoS, ensuring excellent battery life, call capacity and voice quality. If desired, third-party gateway options are available for integration with traditional circuit-switched PBXs.

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