Polycom® SpectraLink 8000 SVP Server

The QoS Solution for Wi-Fi Telephony

The Mobile Convergence Solution

The SpectraLink 8000 SVP Server is a dedicated network appliance that ensures excellent voice quality for SpectraLink Wireless Telephones operating on a converged Wi-Fi network. SVP Servers work in conjunction with SVP-enabled Wi-Fi access points to prioritize voice packets and manage bandwidth for voice and data applications. Network administrators can set a maximum number of simultaneous voice calls allowed on the access points, guaranteeing the availability of bandwidth for data applications. SVP Servers are designed for high reliability and require minimal setup and administration.

When used with SpectraLink 8000 Telephony Gateways, a single SVP Server supports up to 120 simultaneous calls. In most cases this provides sufficient call capacity for a telephony gateway system which has a maximum capacity of 640 handsets. When used with an IP telephony server, a single SVP Server will support up to 80 simultaneous calls. Multiple SVP Servers can be used to support more than 800 simultaneous calls in the IP telephony server environment. The SVP Server supports multiple configurations to provide quality of service (QoS) for customers of all sizes. For small businesses or remote offices, the SVP Server is available in 10 and 20 user configurations. Up to two of these Servers can be stacked to provide cost-effective scalability as your business grows. For larger customers, a third SVP Server option is available supporting up to 80 simultaneous calls. Up to 16 of these Servers can be combined to provide a maximum system capacity greater than 800 simultaneous calls or approximately 8,000 users.

SVP - The Standard for Voice Quality

SpectraLink Voice Priority (SVP) is the de facto standard for QoS on Wi-Fi networks. Adopted by the leading wireless LAN access point providers, SVP enables converged voice and data applications on a single wireless network infrastructure. SVP was developed to be an open, QoS mechanism for Wi-Fi networks. The SVP Server recognizes and prioritizes voice packets and passes them through the wireless network at a higher priority level to minimize latency with minimal impact on data throughput. SVP is field-proven in a wide variety of applications to provide excellent voice quality.

Benefits

- Guarantees excellent voice quality on converged wireless networks
- Ensures bandwidth availability for data applications
- Supports native VoIP protocols and SpectraLink Telephony Gateway interfaces
- Minimal administration and maintenance

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Polycom® SpectraLink 8000 SVP Server Specifications

Specifications

System capacity

- SpectraLink Telephony Gateway - 120 simultaneous calls

IP telephony server configurations

	Maximum simultaneous calls per server	Maximum number of Servers	Maximum number of simultaneous calls
SpectraLink 8000 SVP Server - 10 User	10	4	40
SpectraLink 8000 SVP Server - 20 User	20	2	40
SpectraLink 8000 SVP Server - 80 User	54-80*	16	864

*varies depending on total number of servers

Network interface

- 100Base-T, full duplex

Dimensions

- 6.9" D x 2.8" H x 13.0" W
- (17.5 cm D x 7.1 cm H x 33 cm W)

Weight

- 4.75 lbs (2.0 kg)

Mounting

- Wall or 19" rack mount option

Power

- 110 - 220 VAC, 50 - 60 Hz

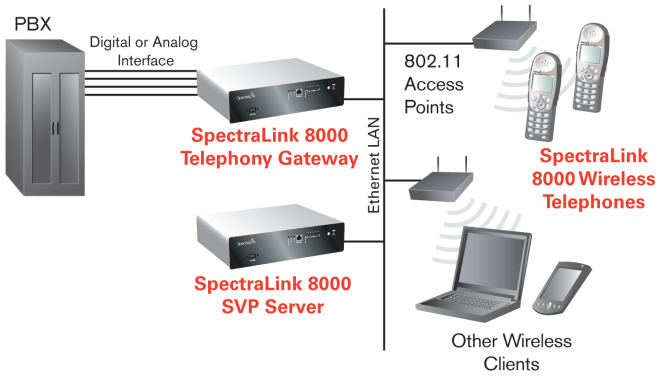
Humidity

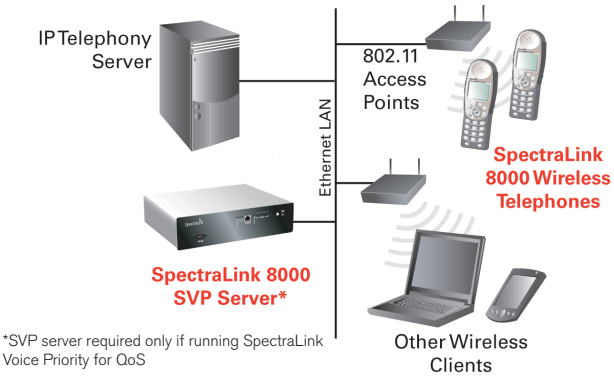
- 0 - 95%, non-condensing

Operating temperature

- 32° - 104° F (0° - 40° C)

SpectraLink Wireless Telephone System Architecture





Find Out More

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

POLYCOM®
www.polycom.com

Polycom Headquarters
4750 Willow Road
Pleasanton, CA 94588
1.800.POLYCOM or
+1.925.924.6000

Polycom EMEA
270 Bath Road
Slough
Berkshire SL1 4DX
+44 (0)1753 723000

Polycom Asia Pacific
8 Shenton Way
#11-01 Temasek Tower
Singapore 068811
+65.6389.9200

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