SpectraLink

NETLINK SVP SERVER

THE QoS SOLUTION FOR Wi-Fi TELEPHONY

BENEFITS

- **Guarantees excellent voice quality on converged wireless networks**
- **Fully compatible with 802.11b Wi-Fi networks**
- **Ensures bandwidth availability for data applications**
- **Supports native VoIP protocols and NetLink Telephony Gateway interfaces**
- **Minimal administration and maintenance**

THE WIRELESS CONVERGENCE SOLUTION

The NetLink SVP Server is a dedicated network appliance that ensures excellent voice quality for NetLink Wireless Telephones operating on a converged Wi-Fi network. NetLink 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. NetLink SVP Servers are designed for high reliability and require minimal setup and administration.

When used with NetLink Telephony Gateways, a single SVP Server supports up to 120 simultaneous calls. In most cases this provides sufficient call capacity for a NetLink 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 four 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 quality of service (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 by SpectraLink to be an open, standards-based QoS mechanism for Wi-Fi networks. The NetLink 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.

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NETLINK SVP SERVER

SPECIFICATIONS

Capacity:

NetLink Telephony Gateway(s):   120 simultaneous calls

IP telephony server configurations:

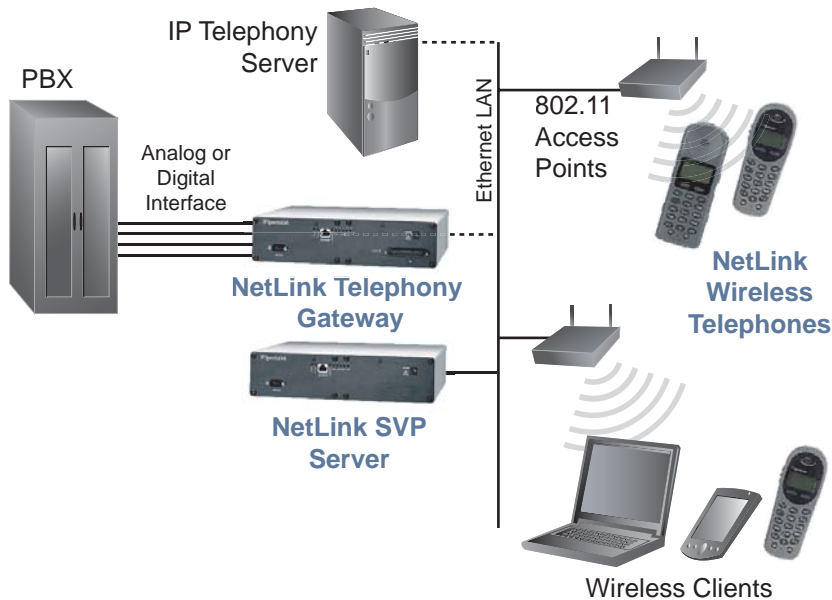| Configuration	Maximum simultaneous calls per server	Maximum number of Servers	Maximum number of simultaneous calls
NetLink SVP Server - 10 User	10	4	40
NetLink SVP Server - 20 User	20	4	80
NetLink SVP Server - 80 User	80	16	850

Network interface: 100Base-T, full duplex
Dimensions: 19" rack mount option
             7.0 " D x 3.0" H x 13.0 " W

Weight: 4.75 lbs

NETLINK WIRELESS TELEPHONE SYSTEM ARCHITECTURE

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