

NetLink Telephony Gateway

Wireless IP Telephony Solution for Legacy PBXs

Benefits

- Digital integration with legacy telephone systems
- Full feature access on NetLink Wireless Telephones
- Supports display features such as caller ID and message waiting indication
- Scalable architecture for up to 640 users
- Future-proof solution compatible with IP telephony applications



The Wireless Convergence Solution

NetLink Wireless Telephones are the industry's most advanced solution for voice communication over wireless LANs. By integrating the system with an enterprise wireless network, telephone users are provided with high-quality mobile voice communication throughout the workplace.

In order to provide the highest level of functionality to the NetLink Wireless Telephones, SpectraLink has developed digital interfaces to the leading enterprise telephone systems. SpectraLink's exclusive LinkPlus™ digital interface technology emulates proprietary digital telephone sets, making advanced switch features such as multiple line appearances and display features, available to NetLink Wireless Telephone users.

NetLink Telephony Gateway

The NetLink Telephony Gateway provides the interface between an enterprise PBX and a wireless LAN network. Supporting digital and/or

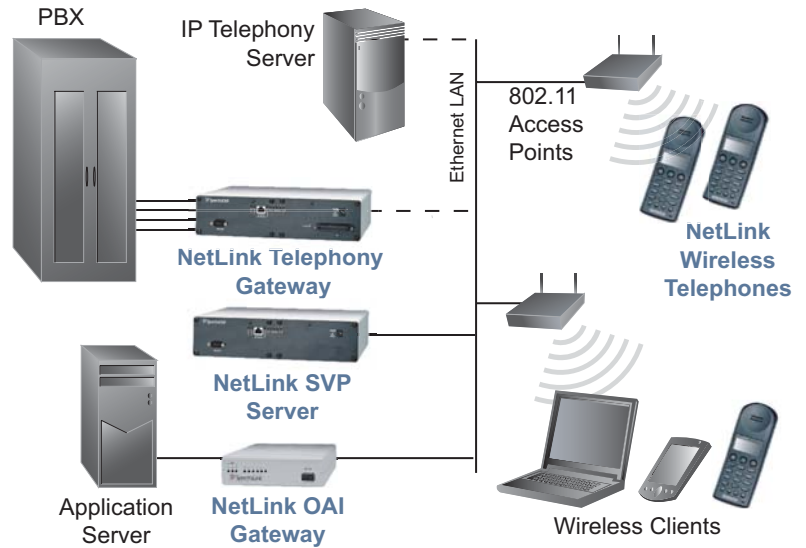
analog line interfaces, the NetLink Telephony Gateway provides the voice encoding and packetization required to transmit telephone conversations over an IP network. With LinkPlus technology, the NetLink Telephony Gateway provides the necessary control signaling to the host PBX allowing NetLink Wireless Telephone users to access all the features and capabilities of the PBX. The NetLink Telephony Gateway also supports H.323-compliant clients, allowing third-party wireless devices to make and receive calls through the host telephone switch.

NetLink Telephony Gateways are designed to integrate with the existing enterprise PBX. All of the provisioning, maintenance, and administration functions of the host PBX are used for the NetLink Wireless Telephones. Each Telephony Gateway supports 16 users, and up to 40 NetLink Telephony Gateways can be deployed in a single network supporting up to 640 NetLink Wireless Telephone users.

NetLink Telephony Gateway

Features

NetLink Wireless Telephones are designed for the enterprise networks of today and tomorrow. For traditional PBX systems, NetLink Telephony Gateways provide packetized voice over a wireless LAN without sacrificing digital telephone features and capabilities. To ensure excellent voice quality, SpectraLink has developed a voice prioritization mechanism for 802.11 access points and Wireless Telephones. SpectraLink Voice Priority (SVP) is standards-compatible, simple to implement, and reduces packet queuing delays for voice traffic.



Specifications

System capacity	640 Wireless Telephones; 120 simultaneous calls
Telephone switch connection	RJ-21 25-pair connector
LAN connection	RJ-45 10Base-T Ethernet
Administration	serial port, Telnet, external modem
Network configuration	DHCP or static IP addressing

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	4.5 lbs (2.0 kg)
Mounting	wall or 19" rack mount option

Power	110 - 220 VAC, 50 - 60 Hz
Humidity	0 - 95%, non-condensing
Temperature	32° - 104° F (0° - 40° C)

Supported Telephone Switch Interfaces

Analog	2500 set equivalent
Comdial	DX, DXP, FX
Fujitsu	F9600
Inter-Tel	AXXESS, Axxent, Eclipse
Avaya	Definity, Merlin Legend, Magix
Mitel	SX series
NEC	NEAX series
Nortel	Meridian 1, SL-1, SL-100, Norstar, BCM
Panasonic	DBS
Siemens	Hicom series, ROLM CBX series
Toshiba	DK series

Specifications subject to change without notice.


Wireless@work
Innovative Wireless Telephone Systems for the Workplace™

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