

The NetLink Wireless Telephone System

Bringing Mobile Telephony Solutions to Your Wireless LAN

The NetLink Wireless Telephone System System Components

System Overview

The NetLink Wireless Telephone System™ (NetLink WTS) is the industry's most advanced Voice-over-IP wireless LAN product. By integrating the system with a new or existing wireless LAN, telephone users are provided with high-quality mobile voice communications throughout the workplace.

SpectraLink, the market leader in workplace wireless telephone systems, delivers the NetLink WTS with all the sophisticated features and qualities that users expect from our products. Based on the IEEE 802.11 standard for wireless LANs, the NetLink WTS provides a single solution for wireless telephony throughout the global enterprise.

The NetLink WTS simplifies your network architecture by combining voice and data traffic over the same wireless infrastructure. 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.

The NetLink WTS requires minimal maintenance and administration. Our six-ounce Wireless Telephones are extremely simple to use, require minimal training, and are durable enough to withstand the rigors of workplace use.

SpectraLink's PBX integration capabilities, standards-based wireless architecture, excellent voice quality, and durable telephone handset make the NetLink WTS the right choice for wireless LAN telephony.

Benefits

- Simplifies infrastructure and management by combining voice and data traffic over one wireless network
- Leverages investment in 802.11 wireless LAN, either frequency hopping or direct sequence
- Provides global enterprises with an international standard for wireless telephony
- Integrates seamlessly with the best-selling digital telephone systems, providing full feature access at the handset
- Equips mobile workers with lightweight, durable Wireless Telephones specifically designed for the workplace

NetLink Telephony Gateway

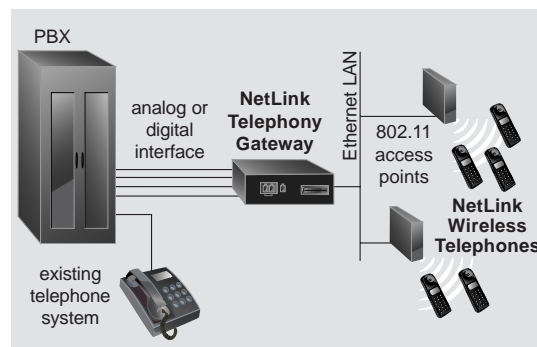
The NetLink Telephony Gateway provides an interface between the Ethernet LAN and the host telephone switch using digital and/or analog line interfaces. SpectraLink's exclusive LinkPlus™ digital interface technology emulates proprietary digital telephone sets, making advanced switch features, such as multiple line appearances and display features, available to Wireless Telephone users. With LinkPlus, the NetLink WTS digitally interfaces with nearly all of the most popular business telephone systems. 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 Wireless Telephones

The NetLink Wireless Telephone is the industry's most durable and feature-rich handset for workplace applications. It is specifically designed to meet the requirements of mobile workplace communications. The NetLink Wireless Telephone is available in both frequency hopping and direct sequence spread spectrum 802.11 versions.

Wireless LAN Infrastructure

Wireless LAN access points receive IP voice packets from Wireless Telephones and forward them to the Telephony Gateway over the wired LAN. SVP-enabled 802.11 access points are available from several manufacturers.



NetLink Wireless Telephone System Architecture

The NetLink Wireless Telephone System Specifications

NetLink Wireless Telephones

Wireless@work™

| | |
|--------------------|--|
| Radio Frequency: | 2.4000 - 2.4835 GHz |
| FCC Certification: | Part 15.247 |
| Transmit Power: | 100 mW peak, <10 mW average |
| Transmission Type: | frequency hopping spread spectrum (NetLink FH) direct sequence spread spectrum (NetLink DS) |
| Display: | 2 x 16 character alphanumeric, plus line and status indicators |
| Dimensions: | 5.9" L x 2.0" W x 1.0" D |
| Weight: | 6.0 ounces, maximum |
| Battery Capacity: | 2 hours talk time, 80 hours standby |



NetLink 150 Telephony Gateway

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|------------------------------|--|
| System Capacity: | 64 Wireless Telephones 32 simultaneous calls |
| Telephone Switch Connection: | RJ-21, 25-pair connector |
| LAN Connection: | RJ-45, 10Base-T Ethernet |
| Power: | 120 VAC |
| Dimensions: | 7.0" D x 3.0" H x 13.0" W, with 19" rack mount option |
| Weight: | 4.75 lbs. |
| Administration: | serial port, Telnet, external modem |
| Network Configuration: | static IP addressing |
| Client Protocol Support: | H.323 and SpectraLink proprietary |
| Telephone Switch Interfaces: | analog 2500 set equivalent Comdial DX, DXP, FX Fujitsu F9600 Inter-tel AXXESS, Axxent Lucent Definity, Merlin Legend Mitel SX series NEC NEAX series Nortel Meridian 1, SL-1, SL-100, Norstar Siemens Hicom 300E, ROLM CBX series Toshiba DK series |



Specifications subject to change without notice.

 **SpectraLink®**

Innovative Wireless Telephone Systems for the Workplace™

www.spectralink.com or call 1.800.398.0864

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