Avaya 3616 and 3626 IP Wireless Telephones

Now users can have a choice of an executive or rugged workplace telephone and all the productivity benefits of their desk telephone in this next generation of wireless telephone solutions.

Benefits

- Supports the 802.11b standard for Wi-Fi networks converging voice and data over a single network
- "Push to Talk" capability that enables 3626 telephones to act like walkie-talkies
- A lightweight, executive 3616 handset with a form factor similar to a cell phone
- Seamless integration with Avaya Communication Servers with full feature access
- Excellent voice quality on converged wireless networks
- Lightweight, durable handset specifically designed for workplace use
- Improved display, battery life, processor power all with lower costs

The Avaya IP Wireless Telephone Solution

Leveraging the reliable technology from SpectraLink, a leader in wireless voice solutions for the workplace, the Avaya IP Wireless Solution offers an advanced voice over IP (VoIP) client for wireless networks. This solution allows enterprises to take advantage of the cost savings and simplified management of a converged voice and data infrastructure.

The Avaya IP Wireless Telephone Solution is designed for the enterprise networks of today and tomorrow. Both the 3616 and 3626 phones are optimized for Avaya IP telephony and emulate the wired 4606 IP Telephone. They work in conjunction with the Avaya Voice Priority Processor to ensure voice quality over Wireless LANs, and the NetLink 150 Telephony Gateway to integrate with legacy Avaya Communications Systems. They are field-upgradeable through an integrated TFTP client, so handsets can be updated with new protocols, features, and capabilities as they become available.

Based on global standards for wireless LANs, the Avaya IP Wireless Telephone Solution simplifies network infrastructure by enabling voice traffic to be carried along with data traffic over the same wireless network. Both the 3616 and 3626 telephones are available for direct sequence 802.11b Wi-Fi networks. The SpectraLink Voice Priority (SVP) quality of service protocol is simple to implement and reduces packet queuing delays for voice traffic. SpectraLink Voice Priority-enabled access points are available from the leading providers of enterprise wireless networks such as Avaya.

Designed for Executives and the Workplace

A combination of innovative design, advanced manufacturing, and rigorous test processes help provide lightweight elegance or workplace durability of the handsets. The wireless telephones are extremely simple to use, require minimal training, and are durable enough to withstand the rigors of workplace use. The Avaya 3616 IP Wireless Telephone is designed for more general enterprise applications and uses a compact, cell phone-like form factor. Like the 3626, it has a large, easy to use display, a large processor and long battery life.

The Avaya 3626 Wireless Telephone is designed specifically for use in commercial workplace applications. It is extremely durable and has no moving parts, no external antenna, and no complex configuration menus. The handset has a rugged, monolithic design that gives users a large earpiece to provide comfort and seal out background noise. It has a large, high-resolution display with icons and line status indicators; a powerful processor to accommodate future software downloads and extended battery life (4 hours talk time and 80 hours standby). It also has a push-to-talk (walkie-talkie) feature for broadcast communications between employees. A wide variety of carrying cases and accessories are available to suit users in a number of applications.

Putting Wireless to work

This solution's integration with Avaya Communication Servers, its standards-based wireless architecture, excellent voice quality, and durable handset make the Avaya IP Wireless Telephone solution the right choice for wireless LAN telephony.

The Avaya IP Wireless Telephone Solution is part of the wide range of flexible, intelligent, mobile and easy to use communications devices provided by Avaya.

Open Application Interface

The Avaya IP Wireless Telephone solution supports an Open Application Interface (OAI), allowing Avaya IP Wireless Telephones to serve as two-way messaging devices. Many companies provide applications that interface to your in-house paging systems, email, and client-server messaging. Other vendors with complementary systems such as nurse call, telemetry, alarm, and control system manufacturers are currently developing applications to interface with the Avaya IP Wireless Telephone solution.

Avaya Wireless Voice Priority Processor

This processor is a required hardware to help ensure that excellent voice quality is maintained in a shared wireless voice and data network. It allows SVP-enabled wireless access points to recognize and prioritize voice packets with minimal impact on data throughput. It is required in IP implementations and non-IP implementations with greater than 64 handsets. It supports up to 80 simultaneous calls per processor.

NetLink 150 Telephony Gateway

This gateway provides the interface between the customer's Ethernet LAN and the Avaya Communication Server for legacy DEFINITY® Servers, R3 and later, that are not IP-enabled.

AWTS Open Application Interface (OAI) Gateway

The AWTS Open Application Interface (OAI) Gateway enables third-party software applications to communicate with the Avaya IP Wireless Telephones.

SpectraLink Voice Priority (SVP)

To enhance voice quality over the wireless network, SpectraLink has developed a Quality of Service (QoS) mechanism that is implemented in the wireless telephone and access point.

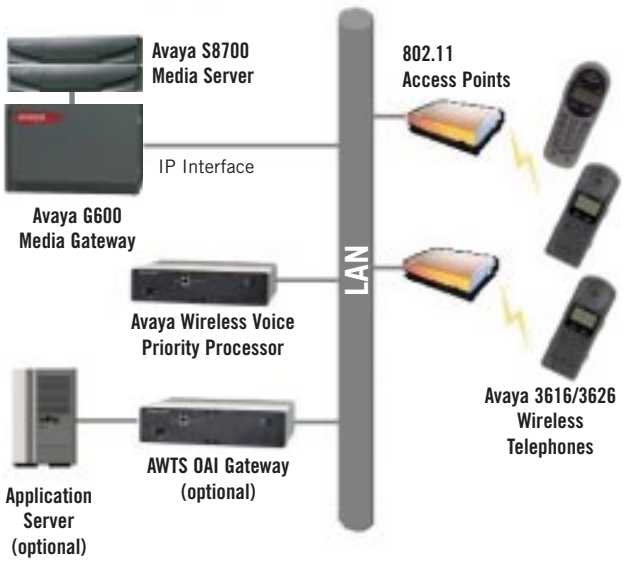
Learn More

To learn more, talk to your Avaya Client Executive or Authorized BusinessPartner. Also, visit us at avaya.com/learnmore/ip. For more information about Avaya and our other award-winning solutions, visit avaya.com.

Features
40 and 128 bit WEP security
11, 5.5, 2, and 1 Mb/s data rates with automatic selection (DS only)
DHCP or static IP addressing
Integrated TFTP client
Vibrating ringer option
Text messaging support

Specifications	
Radio frequency	2.4000 - 2.4835 GHz
Transmission type	Direct Sequence Spread Spectrum (DSSS)
Transmit data rate	11, 5.5, 2, 1 Mb/s (DSSS) 1, 2 Mb/s (FHSS)
Transmit power	100 mW peak, < 10 mW average
Wireless QoS	SpectraLink Voice Priority (SVP)
Wireless security	Wired Equivalent Privacy (WEP), 40 bit and 128 bit
FCC certification	Part 15.247
Display	Backlit dot matrix display with icons and line status indicators
Dimensions	
-3616 Wireless Phone	5.5" x 2.0" x 0.9"
-3626 Wireless Phone	5.9" x 2.2" x 1.0"
Weight	
-3616 Wireless Phone	4.2 ounces
-3626 Wireless Phone	6.0 ounces
Battery capacity	4 hours talk, 80 hours standby (Avaya 3616/3626
Compatible 802.11b AP manufacturers	Avaya Most other major AP manufactures

Specifications subject to change without notice.



About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications networks. Over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, rely on Avaya solutions and services to enhance value, improve productivity and gain competitive advantage.

Focused on enterprises large to small, Avaya is a world leader in secure and reliable IP telephony systems, communications software applications and full life-cycle services. Driving the convergence of voice and data communications with business applications – and distinguished by comprehensive worldwide services – Avaya helps customers leverage existing and new networks to unlock value and enhance business performance.

reach AVAYA
a higher plane of communication

IP Telephony | Contact Centers | Unified Communication | Services

© 2003 Avaya Inc.
All Rights Reserved. Avaya and the Avaya Logo are trademarks of Avaya Inc. and may be registered in certain jurisdictions. All trademarks identified by the ®, SM or ™ are registered trademarks, service marks or trademarks, respectively, of Avaya Inc. All other trademarks are the property of their respective owners.
Printed in the U.S.A.
08/03 • EF-LB1875-02