



IP Telephony

Contact Centers

Mobility

Services

FACT SHEET

Avaya IP Wireless Telephone Solution

Extending Avaya IP Telephony over Wireless LANs to improve mobile workforce accessibility, productivity and responsiveness

Benefits

- Delivers Avaya IP telephony features to mobile workers inside the building
- Integrates seamlessly with Avaya DEFINITY® and Avaya Communication Manager telephony systems
- Leverages WLAN infrastructure to converge voice and data over a single network
- Provides excellent voice quality over the WLAN
- Security features help prevent unauthorized access to enterprise communications network
- Range of models and accessories meet diverse customer needs

Avaya 3600 Series IP Wireless Telephones

Leveraging the reliable technology from SpectraLink, a leader in wireless voice solutions for the workplace, the Avaya IP Wireless Telephone Solution offers a choice of wireless telephones that work on private 802.11b Wireless LANs. This solution allows Avaya IP Telephony customers to securely leverage their wireless network infrastructure for voice communications. The powerful features of Avaya Communication Manager can be delivered to mobile workers throughout the workplace.

Avaya 3616 IP Wireless Telephone

The Avaya 3616 IP Wireless Telephone is designed for general enterprise applications and has been used in hospitality environments. It has a compact, cell phone-like form factor. It has a large, high resolution graphic display, menu driven user interface, large processor and long battery life.

Avaya 3620 IP Wireless Telephone

The Avaya 3620 IP Wireless Telephone is designed to meet the requirements of the healthcare market. It is durable enough to withstand the rigors of hospital and clinic usage, yet is small and lightweight enough to support workers on the move. Additionally, it comes with a backlit display and keypad for dimly lit environments. Accessories include multiple charging options to ensure that fresh batteries are available to support 24/7 operations.

Avaya 3626 IP Wireless Telephone

The Avaya 3626 IP 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 back-ground 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. 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.

Additional Solution Components

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 supports SpectraLink Voice Protocol, a Quality of Service protocol that gives voice quality over a WLAN. 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. Many companies provide applications that interface to your in-house paging systems, e-mail, and client-server messaging. Other vendors with complementary systems such as nurse call, telemetry, alarm, and control system manufacturers are currently developing

Avaya 3616

Avaya 3626



Avaya 3620

applications to interface with the Avaya IP Wireless Telephone solution.

Accessories

A variety of accessories, including headsets, configuration cradles, battery chargers, carrying cases and holsters are available for the Avaya IP Wireless Telephone Solution.

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

| | | |
|------------------------------|--|------------------------------------|
| 802.11b Compatible | Text Messaging Support Enhanced QoS | Quad charging option (3620/3626) |
| DHCP or static IP addressing | Push to talk (3626) | Extended talk time (up to 4 hours) |
| Integrated TFTP client | Backlit display (3620) | |
| Vibrating ringer option | Single and dual charging options (all) | |

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 |
| Transmit power | 100 mW peak, < 10 mW average |
| Wireless QoS | SpectraLink Voice Priority (SVP), Wi-Fi Multimedia (WMM) |
| Wireless security | Wired Equivalent Privacy (WEP), 40 bit and 128 bit Cisco Fast Secure Roaming (FSR) Wi-Fi Protected Access (WPA) and Wi-Fi Protected Access 2 (WPA2) |
| FCC certification | Part 15.247 |
| Display | Backlit dot matrix display with icons and line status indicators |
| Dimensions | |
| -3616/3620 IP Wireless Phone | 5.5" x 2.0" x 0.9" |
| -3626 IP Wireless Phone | 5.9" x 2.2" x 1.0" |
| Weight | |
| -3616/3620 IP Wireless Phone | 4.2 ounces |
| -3626 Wireless Phone | 6.0 ounces |
| Battery capacity | 4 hours talk, 80 hours standby |
| Compatible 802.11b AP manufacturers | Avaya & Most other major AP manufacturers |

Specifications subject to change without notice.

About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications infrastructure and solutions. For over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, Avaya's embedded solutions help businesses enhance value, improve productivity and create competitive advantage by allowing people to be more productive and create more intelligent processes that satisfy customers.

For businesses large and small, Avaya is a world leader in secure, reliable IP telephony systems, communications applications and full life-cycle services. Driving the convergence of embedded voice and data communications with business applications, Avaya is distinguished by its combination of comprehensive, world-class products and services. Avaya helps customers across the globe leverage existing and new networks to achieve superior business results.

AVAYA

COMMUNICATIONS
AT THE HEART OF BUSINESS

avaya.com

© 2005 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 TM are registered trademarks, service marks or trademarks, respectively, of Avaya Inc., with the exception of FORTUNE 500 which is a registered trademark of Time Inc. All other trademarks are the property of their respective owners.

Printed in the U.S.A.
09/05 • LB1875-04