IP Telephony
Contact Centers
Mobility
Services

PRODUCT BRIEF

Avaya IP DECT Solution

For users of IP Office and Communication Manager

Overview

The Avaya IP DECT solution delivers secure, scalable and reliable high-quality wireless voice communications to organizations ranging from small business to large enterprises. It leverages Digital Enhanced Cordless Telecommunications (DECT), a proven wireless communications technology pioneered in Europe and recently approved for use in the US. DECT is ideal for secure, high-quality, high-density voice communications.

High-Quality Seamless Communications

The IP DECT Solution enables users to roam throughout their building with a wireless phone, with full access to the features they are accustomed to using at their desktop phone. Avaya is able to offer excellent voice quality by leveraging tried-and-true DECT technology, with its dedicated frequency band eliminating outside radio interference and its large channel capacity providing clear voice paths even in crowded conditions. High quality is preserved even while roaming through seamless handover of active voice calls between DECT Radio Fixed Parts. This avoids dropped calls and the resulting irritation (and loss of productivity).

Highly-Secure

The IP DECT solution supports high security. It operates in a dedicated and protected frequency band that makes DECT difficult to compromise. Additionally, only handsets which have passed the DECT authentication process can be enrolled in the system and make or receive calls. Finally, built-in DECT encryption assures that potential eavesdroppers are unsuccessful.

Highly-Scalable and Flexible

The IP DECT Solution has been designed to support a large number of users.

- up to 120 handsets and 32 base stations with IP Office
- over one thousand handsets and 256 base stations with Communication Manager

The Avaya IP DECT solution is also suitable for branch offices that are connected to a company's headquarters via the IP WAN. The mobile handsets act as normal company extensions, so staff can always be reached on their telephone number, regardless of whether they are currently in the headquarters location or one of the branches. Using shared IP connections for data and telephony cuts down on the need for extra infrastructure and therefore reduces costs.

Easy to Implement

Not only is relatively little engineering required to design a proper DECT network, but the web-based Avaya DECT Mobility Manager makes it easy to configure and manage the IP DECT solution once installed. Mobility Manager Software runs on any of the RFPs in small implementations and requires a dedicated Linux server in larger (>400 user) implementations.

WT 3701

The WT 3701* is a wireless DECT telephone with a large number of convenient features such as open listening and an illuminated graphic display.

Up to 20 hours of talk time and 200 hours of stand-by time enable its deployment in office environments around the clock.

When operated on the IP Office or the Communication Manager, the WT 3701 functions as an IP telephone with access to telephony features.

Features available on the 3701 handsets include:

Speakerphone	Hands Free Monitor
Display	3–Line
Illuminated keypad	Yes
SOS (Emergency) key for speed dialling emergency number	Yes
Phone number lists	50
Voice mail indication	Yes
Mute capability	Yes
Ring tones	10
Temporary ring tone muting	Yes
Speaker and handset volume	3 Levels
Manual & automatic key lock (1 minute timer)	Yes
Mute capability	Yes
Silent charging	Yes
Menu Languages (Czech, Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish)	12

Technical Details:

System Requirements	IP Office R3.1 or Communications Manager 3.X
Menu/Display Navigation Keys	3
Color	Black
Range of Use	Up to 160 feet away from the base unit in the average business environment
Stand-by Time	Up to 200 hrs
Talk Time	Up to 20 hrs
Battery Life	Batteries; 3AAA (NiMH) included with phone
Charge Time	Max. 6 hours for empty batteries
Weight	138g incl. batteries
Dimensions	(H x W x D): 146 x 55 x 28 mm

* Available in EMEA and parts of APAC only

WT 3711

The wireless DECT telephone WT 3711 has a variety of convenient features such as hands-free operation, a vibration alarm, an illuminated graphic display.

A laptop PC can be connected to the phone for wireless data connection via the USB interface. The hands-free function and the possibility of connecting a headset to the integrated headset socket mean your hands are free even during calls.

The WT 3711 also supports menu access to Avaya telephone features, corporate directory integration (LDAP or TFTP-based), WML and automatic configuration or update of system name, user name, extension number, date and time and voice mail number.

Features available on the 3711 handsets include:

Speakerphone	Yes
Illuminated Display	5–Line, Amber 7-level contrast
Illuminated keypad	Yes
Headset Connector	2,5 mm
Automatic call pick-up using a headset	Yes
USB connection for data transfer/managing local phone book	Yes
Field strength display	4-Level
SOS (Emergency) key for speed dialling emergency number	Yes
Phone number lists	100
Voice mail indication	Yes
Mute capability	Yes
Ring tones	30
Vibration Alarm	Yes
Temporary ring tone muting	Yes
Speaker and handset volume	7 Levels
Manual & automatic key lock (1 minute timer)	Yes
Mute capability	Yes
Silent charging	Yes
Menu Languages (Danish, Dutch, English, Finnish, French, German, Italian, Portuguese, Spanish, Swedish)	10

Technical Details:

System Requirements	IP Office R3.1 or Avaya Communication Manager 3.x
Menu/Display Navigation Keys	3
Color	Black - Silver
Range of Use	Up to 160 feet away from the base unit in the average business environment
Stand-by Time	Up to 200 hrs
Talk Time	Up to 20 hrs
Battery Life	Batteries; 3AAA (NiMH) included with phone
Charge Time	Max. 6 hours for empty batteries
Weight	138g incl. batteries
Dimensions	(H x W x D): 146 x 55 x 28 mm

RFP 32/RFP 34

The Radio Fixed Parts RFP 32 IP and RFP 34 IP are connected directly to the LAN and use the benefits of established DECT technology for radio transmission. This ensures full compatibility with cordless DECT terminals WT 3701 and WT 3711.

The RFP 32 IP is the indoor version and the RFP 34 IP is the outdoor version.

Features

- 8 simultaneous voice channels per DECT IP base station
- 4 additional channels for handover
- Synchronization of the IP RFPs via DECT radio interface
- GAP and CAP standards supported
- Connection handover in line with the GAP standard
- DSAA authentication between base and handset
- LED signalling of current operating state on the RFP 32
- Integrated DECT antenna in the RFP 32
- External dipole or directional antenna on the RFP 34 RFP
- Connection via Ethernet 10/100 BaseT
- Power supply in line with Power over LAN™ standard IEEE 802.3af – IPv4

RFP 32 IP

- Power supply: Power over LAN™ IEEE 802.3af or 110 V/240 V AC adapter
- Ambient temperature: -5°C to +45°C
- Relative humidity: 0 to 95% (non-condensing)
- Storage temperature: -40°C to +70°C
- Current consumption: 120Ma
- Power: 6 W
- Type of ingress protection: IP 30
- Wall-mountable
- Color: ice grey
- Weight: 400g (without AC adapter)
- Dimensions: (W x H x D): 151 x 101 x 85 m

RFP 34 IP

- Power supply: Power over LAN™ IEEE 802.3af
- Ambient temperature: -25°C to +55°C
- Relative humidity: 0 to 95% (non-condensing)
- Storage temperature: -40°C to +70°C
- Current consumption: 120mA
- Power: 6 W
- Type of ingress protection: IP 54
- Wall-and mast-mountable
- Color: light grey
- Weight: 970g
- Dimensions: (W x H x D): 240 x 236.5 x 65 m

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 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

© 2007 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 ®, TM or SM are registered marks, trademarks, and service marks, 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.
01/07 • LB3355

ISO CERTIFIED
9001 • 14001