

Mitel SIP-DECT

Delivering the comfort of mobility to VoIP networks

Key Features

- Enterprise- grade wireless network solution with exceptional voice quality and security
- Voice and text messaging
- No range restrictions - size of radio network can grow with IP-infrastructure
- Single point of provisioning eases installation, set up, maintenance, and service
- XML interface for a wide range of external applications and XML API for deeper system integration
- High reliability through a redundant structure of SIP-DECT control components on RFP, Linux server or virtualized
- Integrated DECT solution for Mitel MiVoice solutions and any third party SIP compliant platforms



Mitel SIP-DECT offers businesses of all sizes a comprehensive solution for cordless telephony on IP-based networks by combining Session Initiation Protocol (SIP) innovation with DECT, the leading technology for building multi-cellular radio networks for voice communication. Mitel SIP-DECT uses Radio Fixed Part (RFP) base stations in conjunction with Mitel DECT phones to provide a seamless radio network for voice and data mobility. All Mitel SIP-DECT components are DECT security certified to confirm compliance with the latest DECT standard security requirements. Mitel SIP-DECT is scalable, proving suitable for small enterprise DECT networks all the way to mobility networks with up to 4000 RFPs and 10,000 handsets. Mitel SIP-DECT integrates with all Mitel MiVoice solutions, many third party SIP compliant platforms and Microsoft Lync (via approved gateway).

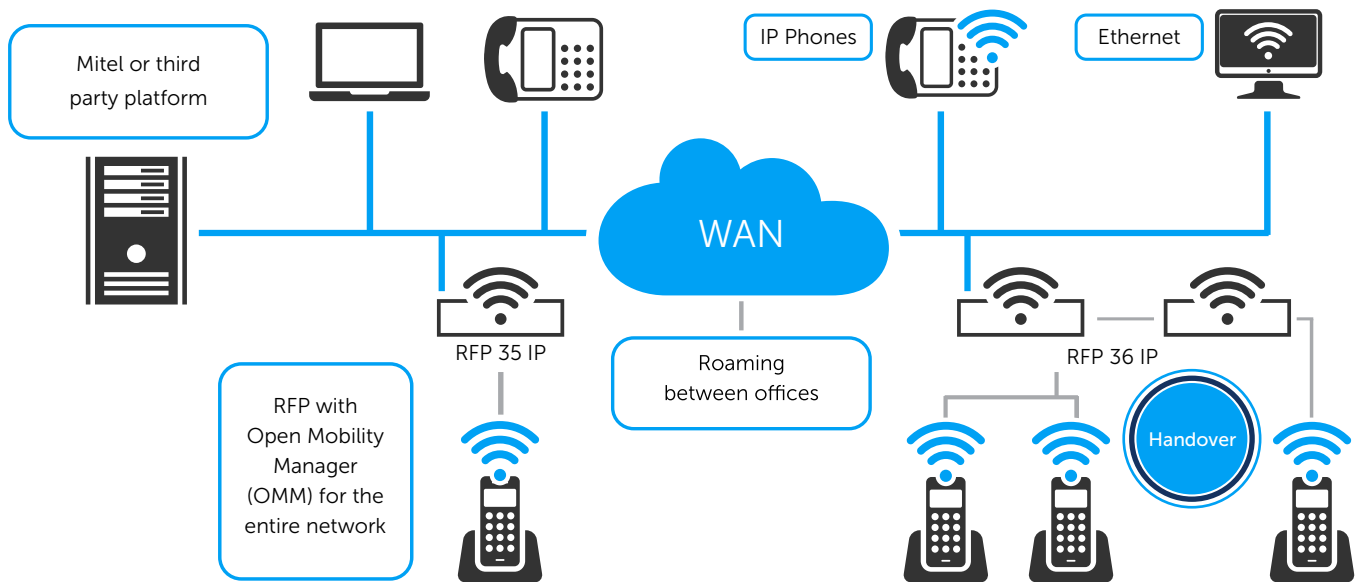
DECT standard certifications

DECT offers voice encryption on the air interface, protecting the link between the Mitel SIP-DECT base station and the Mitel DECT Phone to keep calls confidential and secure from eavesdropping.



Powering connections

All Mitel SIP-DECT components are DECT security certified to confirm they are compliant with the latest security requirements of the DECT standard. On the IP network, Mitel SIP-DECT supports VoIP Security with encryption of signaling (TLS) and voice data (SRTP).



Centralized management – Open Mobility Manager (OMM)

System configuration is managed through Mitel SIP-DECT's web service portal Open Mobility Manager (OMM), which features a status display with event logs, statistics and real-time monitoring. Parameter changes can be applied to multiple entries (such as RFPs) at once and statuses of SIP-DECT RFPs can be monitored for system alarm states.

OMM ON RFP

- OMM functionality integrated in RFP (or two for redundancy)
- Supports up to 256 RFPs and 512 handsets/users

LINUX X86 SERVER OMM

- OMM provided as an rpm file for Linux on a x86 platform
- Supports up to 4,096 RFPs and 10,000 handsets/users

VMWARE VSPHERE/ESXI 5

- Integration of OMM and OML in data center
- Redundancy based on VMware® High Availability (HA) and VMware® Fault Tolerance (FT)

Simple provisioning and deployment – Om Management Portal (OMP)

Mitel SIP-DECT reduces administrative effort by automatically creating handset data in large systems when a new subscription is added and allowing administrators to import user data from external sources. Prioritized registrations for important users can be set with a VIP attribute in the user configuration. Additionally, Mitel SIP-DECT offers support for external configuration files for RFPs and data load optimized SIP registration with traffic shaping.

Integrated location application – Open Mobility Locating (OML)

Mitel SIP-DECT's Web-based application provides locating information for enrolled handsets within their RFP range. Leveraging Alarm Server or IMA, SIP-DECT offers automatic escalation for emergency situations, such as man-down, no movement, escape alerts, and SOS calls not treated by an operator. A search filter function enables operators to search for handsets or handset groups and their likely locations, and even trigger an audio alarm on targeted handsets. Users can also initiate handset locating requests and view handset activity history.

Application XML Interface (OM AXI)

Applications – including third-party server apps – can be connected via the Open Mobility Application XML Interface (OM AXI), including:

- *Alarm server (external 3rd party alerting solution)*
- *Mitel Alarm Server*
- *Message server (external messaging solution)*
- *Locating server*

Integrated Messaging and Alerting Application (IMA)

Mitel SIP-DECT combines reliability with mobility, offering an ideal solution for hospitals, hotels, security staff, prisons, care facilities, and much more. Its integrated messaging and alerting (IMA) allows for monitoring of registration, activity, battery status, and logins, and allows for messages with different priority levels and up to 1,000 characters to be sent to handsets.

Dual Homing

Mitel SIP-DECT Dual Homing provides synchronisation of phone and user data between a central site and up to 10 remote sites. This provides central user and device management, local site survivability if the WAN link fails and roaming between sites.

Handset sharing

Handsets can be shared by different users, making Mitel SIP-DECT a cost effective solution for shift workers. Users simply log in to access their profile on a handset and log out when they are finished.

DECT-XQ

Unique technology for improved sound quality in difficult radio reflective environments.

Video transmission

Mitel 600 DECT Phones can receive MJPEG from USB cameras connected to RFP 35 IP adding an additional level of security for hospitals, hotels, security staff, prisons, care facilities, and much more.

Variable Lists

Variable Lists allow simple mapping of host feature access codes on to the user interface of the Mitel 600 DECT Phones. This provides tighter integration with the host and easy menu driven access for the mobile user.

DECT Phones and Infrastructure

BASE STATIONS (RFPs)

Part Number	Model Name	Specifications
68637	RFP 35 IP	<ul style="list-style-type: none">• Indoor base station• 10/100/1000 Mbps• 8 x voice channels
68635	RFP 36 IP	<ul style="list-style-type: none">• Outdoor base station• 10/100/1000 Mbps• Integrated antenna• 8 x voice channels

PHONES

Part Number	Model Name	Specifications
80E00011AAA-A	Mitel 612 (Set)	<ul style="list-style-type: none">• 2" 176x220 pixels color display• Headset socket• Tri-color multifunctional LED in top-right corner• 2 programmable navigation keys and 2 programmable soft keys
80E00012AAA-A	Mitel 622 (Set)	<ul style="list-style-type: none">• 2" 176x220 pixels scratch-resistant color display• Headset socket and Bluetooth®• Tri-color multifunctional LED in top-right corner• 3 programmable side keys, 2 programmable navigation keys, and 2 programmable soft keys
80E00013AAA-A	Mitel 632 (Set)	<ul style="list-style-type: none">• 2" 176x220 pixels scratch-resistant colour display with IP 65 dust and water ingress protection• Headset socket and Bluetooth®• Tri-color multifunctional LED in top-right corner• 3 programmable side keys, 2 programmable navigation keys, and 2 programmable soft keys• Emergency key and man-down, escape and no movement alarms