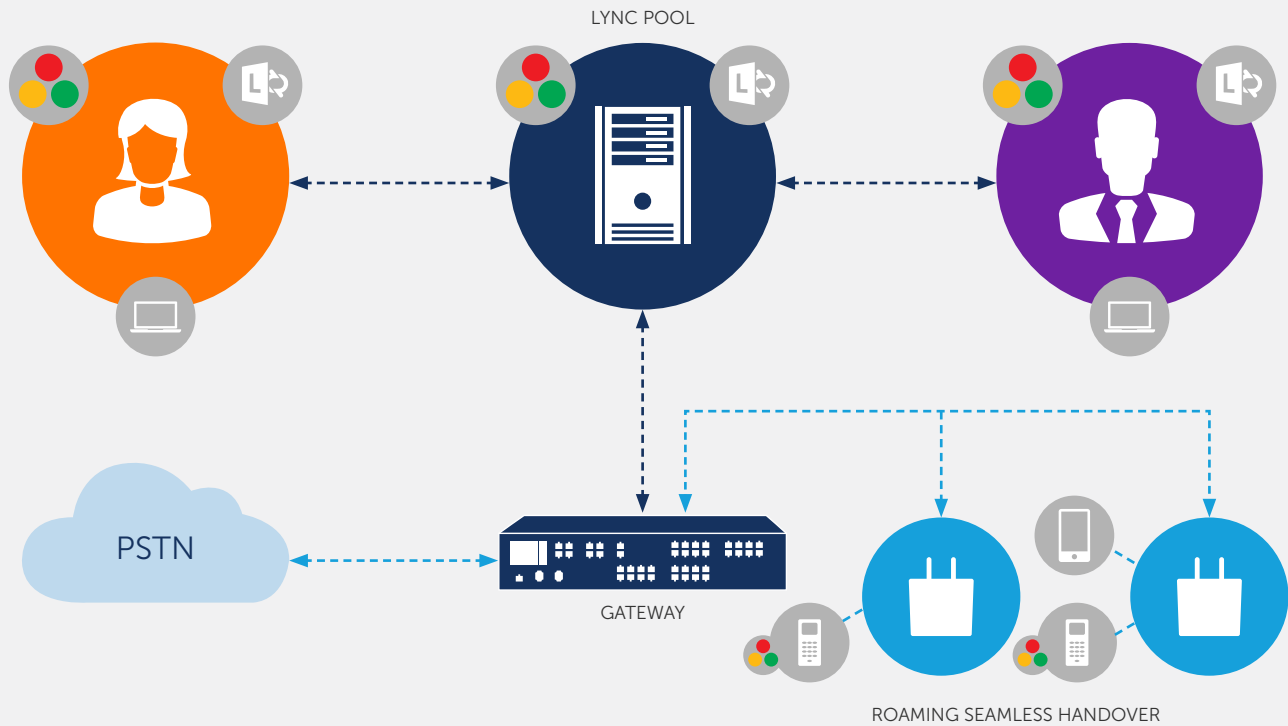# SIP-DECT Mobility Solution

For Microsoft® Lync™ Server

Microsoft® Lync™ Server delivers complete presence, instant messaging, conferencing and enterprise voice capabilities through a single, easy-to-use interface that is consistent across PC, browser, and corded IP phones since 2010. With the Integration of SIP-DECT the gap of campus mobility services is filled.

⋈ Mitel®

Powering connections

Mitel's SIP-DECT mobility solution in combination with AudioCodes media gateways permit Mitel 600 DECT Phones to be integrated into Microsoft® Lync™. The integration delivers one number / SIP address access for mobile users within the whole company environment covered with a fully synchronised cellular SIP-DECT infrastructure not only indoors but even in open areas.

Integration of a Mitel SIP-DECT mobility solution in Microsoft Lync.

LYNC POOL

PSTN

GATEWAY

ROAMING SEAMLESS HANDOVER

Highlights of the Mitel SIP-DECT Solution

- **PRESENCE:** Users who are in an active call on their Mitel 600 DECT Phones are indicated as "busy" in the entire Lync infrastructure.

- **ENCRYPTION:** All Mitel 600 DECT Phones support DECT encryption to be safe from interception on the air interface.

- **EXCELLENT VOICE QUALITY:** Even in environments with reflective surfaces, e.g. machine halls or high rise stores, dropouts are surpressed due to Mitel's extended audio quality feature DECT XQ™.

- **CENTRAL PHONE BOOK:** Access to a central phone book. Thanks to an LDAP (Lightweight Directory Access Protocol) connector, users can select one of up to three destinations per entry in central phone book to make outgoing calls easy.

- **MESSAGING:** The integrated message server provides incoming and outgoing text messages capability. Messaging is an enhanced service provided by Mitel 600 DECT Phones only. An XML interface provides external event trigger.

- **ALARMING:** Either user activity or external events can trigger alarm messages. Those messages are sent to one user or a group of users in parallel predefined to deal with the event. Alarm messages are presented with text and acoustic indication as an enhanced feature of the Mitel 600 DECT Phones. Non acknowledged alarms can be escalated.

- **LOCATING:** Thanks to this enhanced feature people can be located through identification of current DECT radio cell whereabouts.

Components from Mitel

In this cooperation Mitel delivers the Mitel 600 DECT Phones for mobility. They offer various functions and excellent voice quality in addition to intuitive handling.

Furthermore Mitel offers the base stations (Radio Fixed Parts, RFPs) RFP 35 IP, RFP 36 IP, RFP 37 IP and RFP 43 WLAN, with which multicellular networks can be installed. RFP 35 IP, RFP 36 IP and RFP 37 IP are IP base stations for DECT mobility solution which are connected as any other VoIP-SIP device directly to the LAN infrastructure. RFP 43 WLAN provides a WLAN access point additionally to DECT using one housing and LAN port only. With RFP 43 WLAN hotspots e.g. in conference rooms are put in place within the DECT network easily.

Components from AudioCodes

As part of the „One Voice for Lync" program AudioCodes provides the perfect DECT solution for Microsoft® Lync™ with the software SPS (SIP Phone support) which can be virtualized in combination with the Mitel SIP-DECT components.

Therefore DECT projects can be easily realized for companies of all sizes – also the topic local availability is ensured thanks to the Lync certified enhanced gateway, Enterprise session border controllers (E-SBC) and survivable branch appliance (SBA). A scale of an analog connection with one channel, a BRI or a PRI with 30 channels up to several thousand simultaneous connections is possible.

Supported features

- *Caller ID and Caller name transmitted*
- *Parallel ringing on Lync client and DECT*
- *Call waiting*
- *Call hold*
- *Call park*
- *Call transfer*
- *Access to directory via LDAP*
- *Lync presence automatically published*
- *CTI with SPS dialer*
- *Message waiting indication (MWI)*
- *Software update for handsets over the air*

Mitel 612 *Mitel 622* *Mitel 632* *Mitel 650*

RFP 35 IP *RFP 43 WLAN*

RFP 36 IP *RFP 37 IP*

Mediant 800R

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