

## SmartSIP

- Enable Wireless and DECT phones as Microsoft Lync Server 2010 end points
- Extend your existing SIP Phones
- Reduce operating expenses by automatically provisioning selected SIP Phone Configuration Data
- See Presence of existing SIP Phones in Microsoft Lync Communicator

### Supported phones:

- Cisco 7940/7960/7911/7906
- Linksys SPA942
- Polycom SoundPoint IP 301/550/650
- X-Lite Soft Phone
- Aastra 6731i/6757i
- Ascom DECT
- Analog phones through Tenor Gateway

*(NET may support other phones on request)*

With the growing popularity of Unified Communications, businesses looking to migrate to Microsoft Lync Server are looking to extend the useful life of their existing SIP Phones. They need their SIP phones to work seamlessly with Microsoft Lync Server.

SmartSIP, an application built using Microsoft Unified Communications Managed API (UCMA), addresses this requirement.

### ARCHITECTURE

The SmartSIP is implemented as a back to back user agent (B2BUA). This architecture allows for different implementations of SIP protocols to coexist. Therefore, as an example, Cisco implementation of SIP protocol can work with Microsoft's SIP implementation.

The SmartSIP core contains a SIP Proxy, a SIP Registrar, and a SIP Phone provisioning server. The architecture components can handle external communication to other network elements such as a PSTN gateway, internal communications such as registering SIP phones, and provides a

trusted network connection to the Microsoft Lync Server network using UCMA. The other components include a Trivial File Transfer Protocol (TFTP) where the phone configuration files are stored and a Web server for web based graphical user interface.

Using the pre-built configuration files, a large range of SIP devices like VOIP telephones and soft phones can be used with Microsoft Lync Server. The architecture allows for manual creation of configuration data for other SIP Phones.

### FEATURES AND BENEFITS

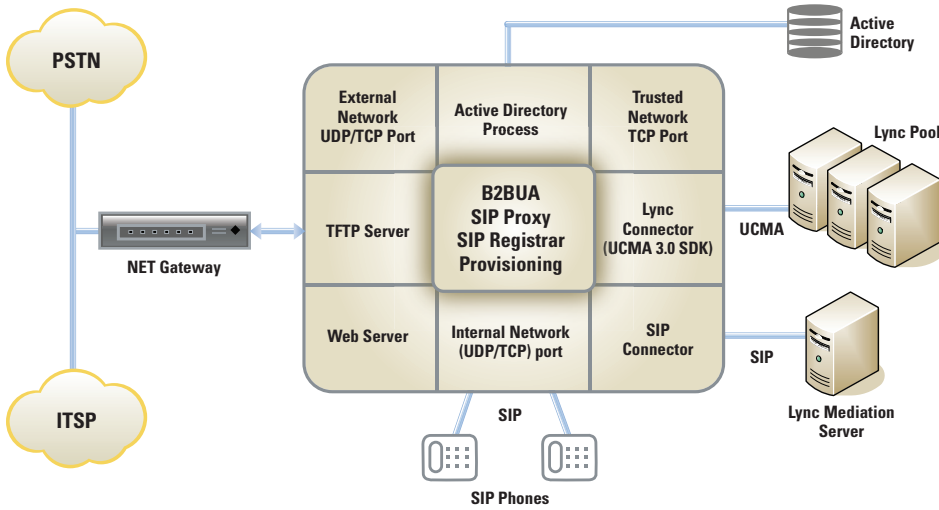
#### SIP Features

- SmartSIP supports UDP and TCP transport layers.

#### Voice Features

- Call Hold
- Call Waiting
- Call Forwarding – Busy, No answer, Unconditional
- Caller ID
- Call Transfer

SmartSIP Architecture



Plug And Play Provisioning

- Integrated TFTP server for automatic provisioning of SIP Phones configuration data
- Extensions are automatically assigned to phones using Active Directory integration

Management

- Web Server running HTTP and HTTPS protocol

Presence Awareness

- Presence awareness of SIP Phones and Analog phones is presented to Microsoft Lync Communicator

HARDWARE REQUIREMENTS

64-bit Microsoft Server 2008; Dual Core Processor, 3.0 GHz CPU, 4 GB RAM, 2X1 Gpbs network adapter card

Microsoft®.Net Framework 3.5 Service Pack 1

ORDERING INFORMATION

Table 1 lists the part numbers and description of the software modules needed for licensing the software.

Table 1: Server and end user Right-To-Use licenses

Part Number	Description
SS-SVR-0001	SmartSIP Server License
SS-UL-25EndPoints	RTU for 25 Endpoint pack
SS-UL-100EndPoints	RTU for 100 Endpoint pack
SS-UL-1KEndPoints	RTU for 1000 Endpoint pack
SVC-SS-50EndPoints	Yearly Maintenance for up to 50 endpoints
SVC-SS-PerEndPoint	Yearly Maintenance per end point

ABOUT NET

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