AudioCodes One Voice for Skype for Business

Skype for Business

SIP Phone Support for Microsoft Skype for Business

Value-added application for AudioCodes Mediant™ Media Gateways, which enables smooth connectivity of IP Phones and IP DECT devices with Microsoft Skype for Business

AudioCodes SIP Phone Support (SPS) is a value-added application for AudioCodes Mediant™ Media Gateways, which enables smooth connectivity of IP Phones and IP DECT devices with Microsoft® Skype for Business.

By connecting Skype for Business Server and standard SIP IP Phones, SPS provides investment protection and deployment flexibility for enterprises with existing IP phones and IP-DECT.

SPS also enable provisioning of third-party IP Phones and IP DECT from leading vendors, such as Cisco, Ascom, Gigaset, Aastra, IKON, NEC and more, providing IT managers with full investment protection for their IP Phones.

SPS can be offered as an appliance, running on the Open Solutions Network (OSN) Server within AudioCodes' Mediant 800 or Mediant 1000, or alternatively, as a standalone server. The AudioCodes gateways hosting the SPS service can simultaneously function as an "Enhanced" Media Gateway or Survivable Branch Appliance (SBA) for the Microsoft Unified Communications system.

Benefits of AudioCodes SIP Phone Support:

- Enables connectivity of SIP phones and IP DECT devices with Microsoft Skype for Business Server
- Can scale to support thousands of users
- Supports Skype for Business Server presence
- Supports Active Directory
- Supports redundancy
- Supports AudioCodes Stand Alone Survivability (SAS) for small remote branches
- Provides security features for connectivity into Microsoft Skype for Business Server, such as SIP over TLS and Secure RTP
- Offered as an appliance (based on Mediant 800 and Mediant 1000 with OSN server) or as a standalone server
- Based on a certified Microsoft protocol interface
- Works in conjunction with Microsoft SBA
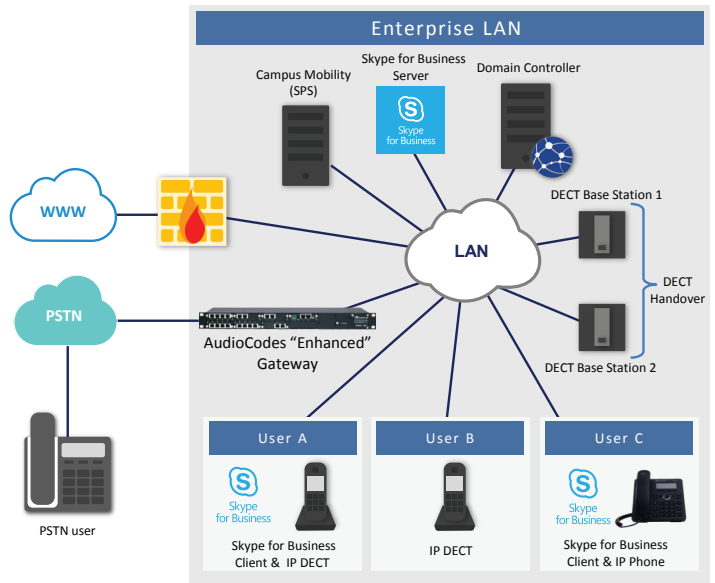
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IP phones connected to Skype for Business Server through SPS can be used as desktop phones for locations without PC workstations or for users that prefer the convenience of using a phone handset. Making and receiving calls using the IP Phone updates user presence just like using Skype for Business.

The user can change presence status and search for contacts from the phone directly. The user's contacts presence can be displayed on the phone (requires BLF support from the SIP phone).

Alternatively, an IP Phone connected to Skype for Business Server through SPS can work in conjunction with Skype for Business. This mode combines the best of both worlds: the ability to make convenient voice calls from the desk phone, together with Skype for Business's advanced features such as Instant Messaging.

In this case, incoming calls will simultaneously be received at both the IP Phone and Skype for Business, giving the user the ability to pick the call wherever it is more convenient. Presence is updated in all of the user's devices.

Media Gateway Platform	Mediant™ 800	Mediant™ 1000	Server
CPU Module	Intel Dual Core Server* Interfaces: 10/100/1000Base-TX USB 2.0, RS-232	Intel Core2 Duo L7400 with Intel Intel Core i7 Interfaces: 10/100/1000Base-TX, USB 2.0, RS-232	External Server (VMware/Hyper-v)
Supported number of SIP endpoints	250	1000	>1000
Supported number of concurrent calls	Up to 34	Up to 120	Up to 880
Operation & Management	HTTP Web Server, Remote configuration and software download via TFTP, HTTP, HTTPS, DHCP and BootP, Syslog for events and alarms		
Security	HTTPS, TLS, SSL, SRTP, Access Control List		
Media Gateway Interfaces ***	E1/T1: 1 Span FXS/FXO: up to 12 ports BRI: up to 4 ports	6 slots for modular, interface modules supporting: E1/T1/J1: 1-4 Spans FXS/FXO: 4-24 ports BRI: 4-20 ports	Up to 63/84 E1/T1 links

* Please consult AudioCodes for sizing and certification of your server configuration

*** For more information about the media gateway features, please refer to the Mediant 800, Mediant 1000 datasheets

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