

AudioCodes SIP Phone Support for Microsoft Unified Communications



SIP PHONE SUPPORT

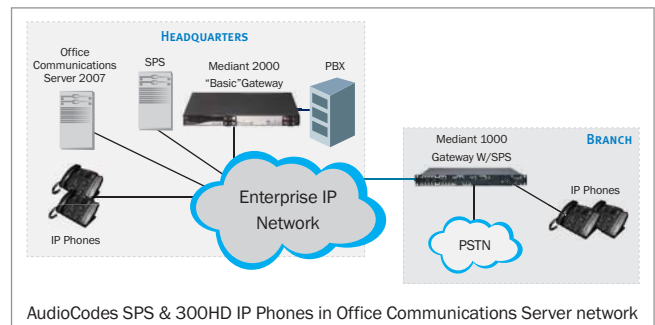
- Enables connectivity of AudioCodes 300HD SIP phones into Microsoft Office Communications Server
- Enables connectivity of certified 3rd party SIP phones into Microsoft Office Communications Server
- Can scale to support from hundreds to thousands of users
- Supports Microsoft's wideband RTA coder as well as other High Definition VoIP coders
- Supports Office Communications Server presence
- Supports Active Directory
- Supports redundancy
- Supports AudioCodes Stand Alone Survivability (SAS) for small remote branches
- Provides security features for connectivity into Microsoft Office Communications Server, such as SIP over TLS and Secure RTP
- Offered as an appliance (based on Mediant 1000 or Mediant 2000 with OSN server) or as a standalone server
- Based on a certified Microsoft protocol interface

AudioCodes SIP Phone Support (**SPS**) is a value-added application for AudioCodes Mediant™ Media Gateways, which enables smooth connectivity of 300HD Series IP Phones, affordable, high quality IP Phones from AudioCodes, as well as third-party IP Phones, into the Microsoft Office Communications Server environment.

SPS enables the connection of the 300HD Series with Microsoft Office Communications Server, while providing Office Communications Server features, such as enhanced presence, active directory, and support for Real Time Audio (RTA) - Microsoft's high-definition, wideband coder.

SPS can also be used to enable connectivity and provisioning of AudioCodes certified third-party SIP IP Phones from leading vendors, such as Cisco and Avaya, 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 1000 or Mediant 2000, or alternatively, as a standalone server that uses external DSP resources on the AudioCodes gateways, in case they are required. The AudioCodes gateways hosting the SPS service can simultaneously function as a "Basic" or "Enhanced" Media Gateway for the Microsoft Unified Communications system.



IP-PHONES FOR OFFICE COMMUNICATIONS SERVER

AudioCodes' 300HD Series of High Definition IP Phones offers a new dimension of voice call quality and clarity for the IP Telephony market.

In addition to the set of standard features in the 300HD Series IP Phone, specialized features for Microsoft Office Communications Server environment are available:

UNIFIED COMMUNICATION FEATURES

- Speed Dialing with Busy Lamp Field that provides Office Communications Server Presence
- Changing Presence from Phone
- RTA Vocoder (wideband and narrowband)
- Directory lookup with presence indication
- User Contact List with presence indication

SECURITY & PROVISIONING ENHANCEMENTS

- Auto-provisioning of the firmware and configuration file
- SIP over TLS
- Secure RTP
- User Login with PIN (user password not stored in the phone)

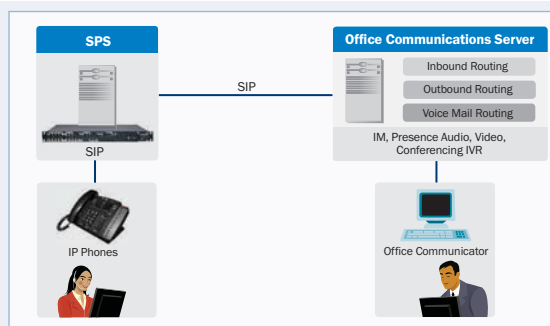


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IP phones connected to Office Communications Server through SPS can be used as a desktop phone for Microsoft Office Communications Server, for locations without PC workstations or for users that prefer the convenience of using a phone handset.

Making and receiving calls using the IP Phone updates user presence just like using Office Communicator.

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).

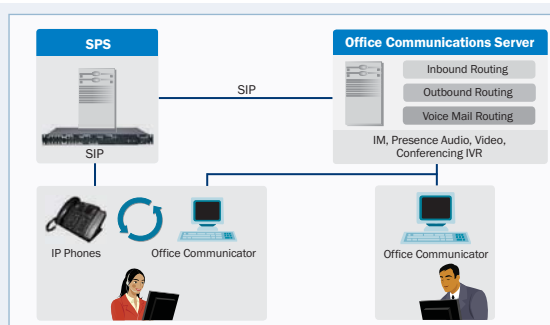


AudioCodes 300HD IP Phone as desktop phone for Microsoft Communications Server

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

In this case, incoming calls will simultaneously be received at both the IP Phone and Office Communicator, giving the user the ability to pick the call wherever it is more convenient.

Presence is updated in all of the user's devices.



AudioCodes 300HD IP Phone as desktop phone working in conjunction with Microsoft Communicator

ABOUT AUDIOCODES

AudioCodes Ltd. (NasdaqGS: AUDC) designs, develops and sells advanced Voice over IP (VoIP) and converged VoIP and Data networking products and applications to Service Providers and Enterprises. AudioCodes is a VoIP technology leader focused on VoIP communications, applications and networking elements, and its products are deployed globally in Broadband, Mobile, Cable, and Enterprise networks. The company provides a range of innovative, cost-effective products including Media Gateways, Multi-Service Business Gateways, Residential Gateways, IP Phones, Media Servers, Session Border Controllers (SBC), Security Gateways and Value Added Applications. AudioCodes underlying technology, VolPerfectHD™, relies primarily on AudioCodes leadership in DSP, voice coding and voice processing technologies. AudioCodes High Definition (HD) VoIP technologies and products provide enhanced intelligibility, and a better end user communication experience in emerging Voice networks.

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SPECIFICATIONS

Media Gateway Platform	Mediant 1000	Mediant 2000	Mediant 3000
CPU Module	Intel Core2 Duo L7400 with Intel 3100	CPU: Intel Core2 Duo T7400	External Server*
Chipset (64-bit);		2.16 GHz.	
Memory: 2G/4G DDR2 with ECC;		Memory: 2G RAM;	
Storage: 80G SATA, single/dual hard disk;		Storage: Single 120G hard disk;	
Interfaces: 10/100/1000Base-TX,		Interfaces:	
USB 2.0, RS-232		10/100/1000Base-TX, Ethernet,	
		USB 2.0, RS-232	
Supported number of SIP endpoints	500	1000	>1000
Supported number of concurrent calls**	Up to 120	Up to 200	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***	6 slots for modular, interface modules supporting:	Fixed configuration with software scalability options:	2 slots for modular, simplex or redundant configurations supporting:
	E1/T1/J1: 1-4 Spans	4,8 or 16 E1/T1/J1 Spans	1 OC-3 or STM-1 APS optical links 1 to 3 T3 (DS3) links
	FXS/FXC: 4-24 ports		Up to 63/84 E1/T1 links
	BRI: 4-20 ports		

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

** May be relevant for third party devices requiring media transcoding.

*** For more information about the media gateway features, please refer to the Mediant 1000, Mediant 2000 and Mediant 3000 datasheets

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