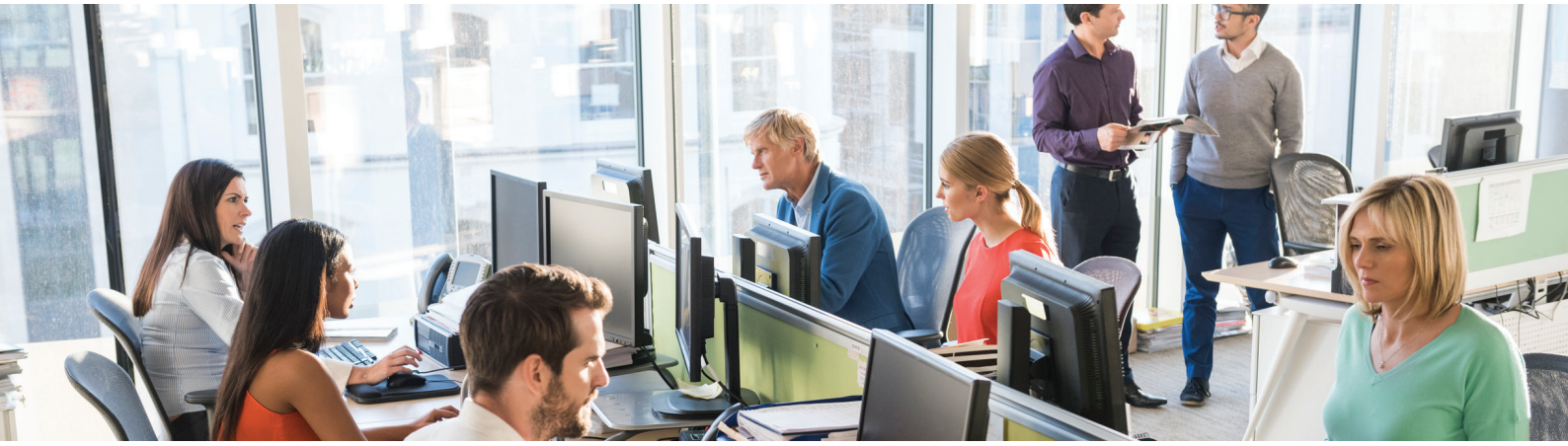# AudioCodes One Voice for Skype for Business
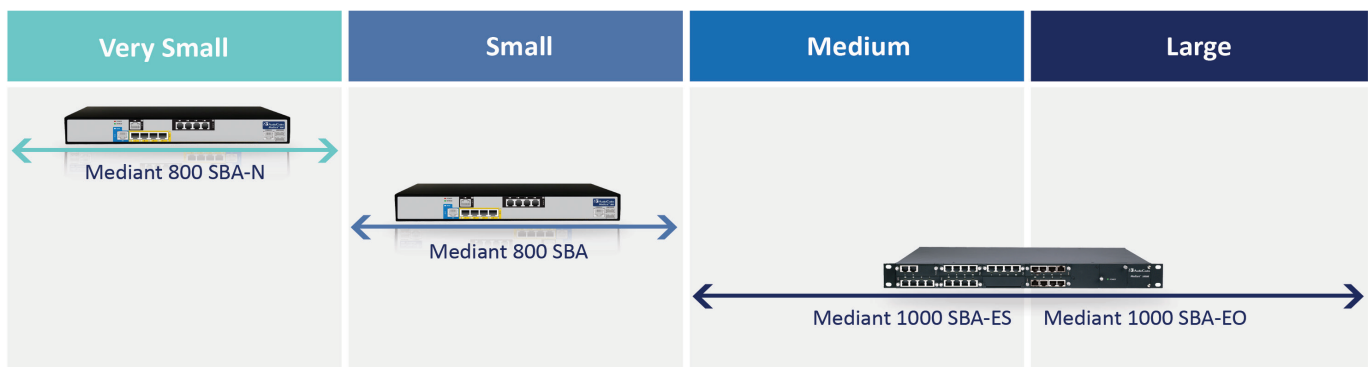

Skype for Business | Survivable Branch Appliances (SBAs)

AudioCodes Survivable Branch Appliances (SBAs) for Skype for Business

The AudioCodes Survivable Branch Appliance (SBA) is an essential element for multisite deployments of Microsoft Skype for Business. AudioCodes SBAs are fully certified by Microsoft and ensure continued access to Skype for Business services, including voice and data communications, during WAN outages.

Survivable Branch Appliance (SBA) is a hardware device that includes a subset of Skype for Business Server capabilities intergrated with a media gateway/E-SBC. The SBA application enables users to continue placing and receiving voice calls in a remote branch during a Wide Area Network (WAN) failure.
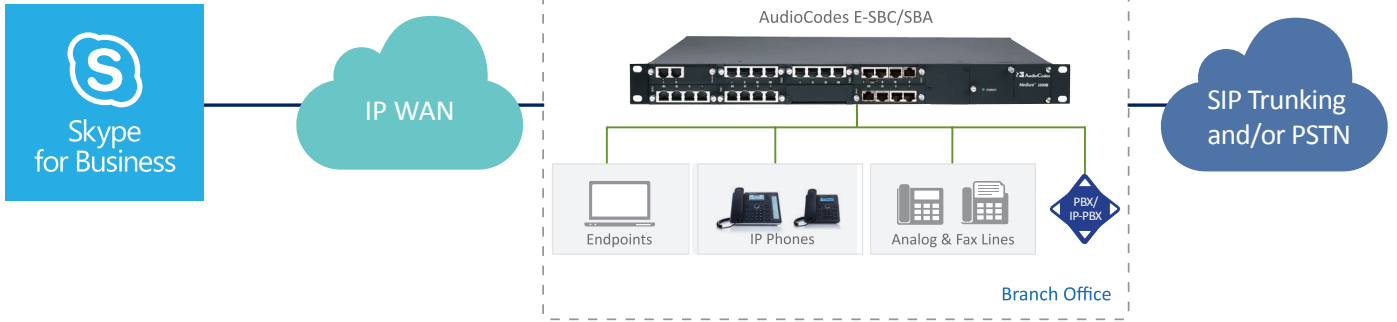
AudioCodes offers a family of Survivable Branch Appliances that can fit any enterprise location size, providing branch office voice resiliency for up to 1000 users. AudioCodes SBAs provide unique product capabilities and built-in complementary services.

Very Small	Small	Medium	Large
Mediant 800 SBA-N	Mediant 800 SBA	Mediant 1000 SBA-ES	Mediant 1000 SBA-EO

AudioCodes SBA main benefits

Microsoft-certified device offering uninterrupted Skype for Business functionality for branch offices in cases of lost WAN connectivity

- Secured SIP trunk connectivity with an embedded qualified Enterprise Session Border Controller (E-SBC)
- Hosting of CEBP applications, such as call recording, Auto-Attendant, Fax Server, 3rd party SIP phone Skype for Business integration
- PSTN connectivity in parallel and as a fallback to SIP Trunk connectivity
- Full modularity and interface flexibility, including digital spans, analog ports and BRI interfaces
- Skype for Business migration support for branch offices with advanced call routing capabilities such as call forking and Active Directory look-up
- Supporting emergency calling standards, including E911 and Emergency Location Identification Number (ELIN)

AudioCodes E-SBC/SBA

Skype for Business

IP WAN

SIP Trunking and/or PSTN

Endpoints | IP Phones | Analog & Fax Lines | PBX/IP-PBX

Branch Office

	Mediant 800 SBA-N	Mediant 800 SBA	Mediant 1000B SBA-ES OSN3B with 4G RAM	Mediant 1000B SBA-EO OSN4 with 8G RAM
Maximum Skype for Business users (SBA)	30	250	1000	
Maximum PSTN Capacity (Channels)	30	60	192	
Maximum number of SBC Sessions	250	250	150	
Ability to host additional business applications (SBA v2)	No*	Yes	Yes	
Modularity	Fixed with software scalability options		Modular	
Digital Interfaces	Single E1/T1		1, 2, 4, 6, 8 T1/J1 spans 1, 2, 4, 6 E1 spans Optional 1+1 or 2+2 fallback spans	
Analog FXO and FXS Interfaces	up to 4 FXS ports up to 4 FXO ports		4, 8, 12, 16, 20, 24 FXS/FXO ports 4 ports per module One lifeline port per FXS module	
BRI Interfaces	4 BRI lines		4, 8, 12, 16, 20 BRI lines 4 BRI lines (8 calls) per module S/T interfaces	
LAN	4 GE interfaces configured in 1+1 redundancy or as individual ports		Up to 6 x 10/100 Base-TX Ethernet LAN ports configured in 1+1 redundancy or as individual ports	
IPv6 Support	Yes		Yes	
Physical Dimensions	1RU		1RU	
Power Supply	Single AC power supply		Single/Dual AC power supply	
Storage options	HDD/SSD		SSD RAID 1	
Special Features for Microsoft Skype for Business	Call Forking, Active Directory look-up, Emergency Location Identification Number (ELIN)			

* Contact AudioCodes for details.

For more details of AudioCodes solutions for Microsoft Unified Communications visit www.audiocodes.com/microsoft.