# AudioCodes One Voice for Microsoft Lync

## AudioCodes Survivable Branch Appliances (SBAs) for Microsoft® Lync™

AudioCodes' family of Survivable Branch Appliances (SBAs) is an essential element for multisite deployments of Microsoft Lync Unified Communications. AudioCodes SBAs are fully certified by Microsoft and ensure continued access to Lync services, including voice and data communications, during WAN outages.

Survivable Branch Appliance (SBA) is a hardware device that includes a subset of Lync Server capabilities and 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.

Mediant 800 SBA

Small Sites

Mediant 1000 SBA

Small - Medium Sites

Mediant 2000 SBA

Medium - Large Sites

- Microsoft-certified device offering uninterrupted Lync functionality for branch offices in cases of lost WAN connectivity
- Integrated data services such as Router, WAN termination and Data firewall
- Secured SIP Trunk connectivity with an embedded qualified Enterprise Session Border Controller (E-SBC)
- Advanced applications, such as passive recording for Lync
- 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
- Lync 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)

Microsoft Partner
Gold Unified Communications

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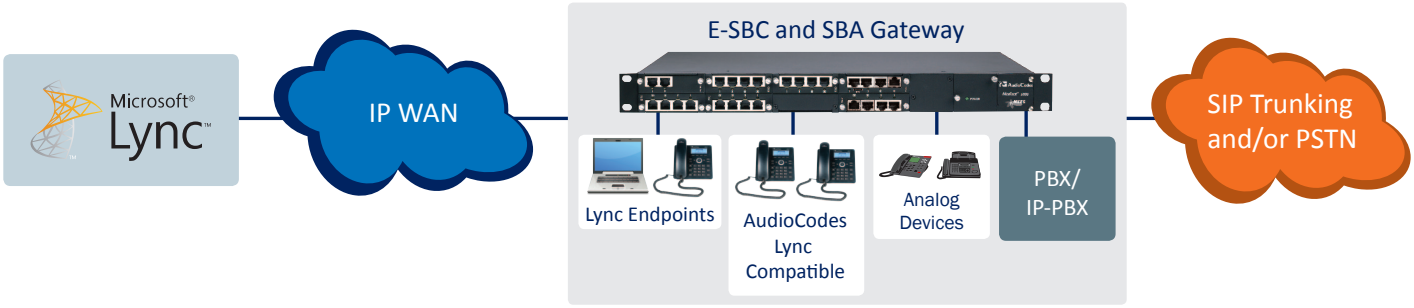

| | Mediant 800 SBA | Mediant 1000B SBA | Mediant 2000 SBA |
|---|---|---|---|
| Maximum Registered users (SBA) | 500 | 1000 | 1000 |
| Maximum PSTN Capacity (Channels) | 60 | 120 | 480 |
| Maximum number of SBC Sessions | 60 | 120 | N/A |
| Ability to host additional business applications (SBA v2) | Yes | Yes | No |
| Modularity | Fixed with software scalability options | Modular | Fixed with software scalability options |
| Digital Interfaces | 2 E1/T1 span | 1, 2, 4 E1/T1/J1 spans<br>1, 2, 4 spans per module<br>Optional 1+1 or 2+2 fallback spans | 1,2,4,8, 16 E1/T1/J1 spans |
| Analog FXO and FXS Interfaces | 4, 8, 12 FXS ports<br>4,12 FXO ports<br>4/8, 4/4, FXS/FXO ports | 4, 8, 12, 16, 20, 24 FXS/FXO ports<br>4 ports per module<br>One lifeline port per FXS module | N/A |
| BRI Interfaces | 1, 2, 3, 4 BRI lines<br>S/T interfaces (1 BRI line = 2 calls) | 4, 8, 12, 16, 20 BRI lines<br>4 BRI lines (8 calls) per module<br>S/T interfaces | N/A |
| LAN | Up to 2/12 x 100/1000 Base-TX Ethernet LAN ports with PoE | 7 x 10/100 Base-TX Ethernet LAN ports | Dual Redundant 10/100 Base-TX Ethernet ports |
| RS-232 | Maintenance, Debugging and SMDI | Maintenance, Debugging and SMDI | Optional on 1, 2, 4 spans models, with SMDI support |
| WAN | 100/1000 Base-TX WAN port ADSL2+, SHDSL,T1<br>Wireless 3G Dongle | 1x 100/1000 Base-TX WAN port SHDSL , Optical , T1 | N/A |
| IPv6 Support | Yes | Yes | N/A |
| Physical Dimensions | 1RU | 1RU | 1RU |
| Power Supply | Single AC power supply | Single/Dual AC power supply | Single/Dual AC power supply |
| Storage options | HDD | HDD/SSD RAID 1 | HDD |
| Special Features for Microsoft Lync | Call Forking, Active Directory look-up, Emergency Location Identification Number (ELIN) | | |

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

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