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

The AudioCodes’ Survivable Branch Appliance (SBA) 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.

AudioCodes SBA main benefits

- 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)
- Hosting of CEBP applications, such as passive recording for Lync, Auto-Attendant, Fax-to-Email, 3rd party SIP phone Lync 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
- 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)
### AudioCodes Survivable Branch Appliances (SBAs) for Microsoft® Lync™

#### Mediant 800-N SBA

- **Maximum Lync users (SBA):** 30
- **Maximum PSTN Capacity (Channels):** 60
- **Ability to host additional business applications (SBA v2):** Yes**
- **Modularity:** Fixed with software scalability options
- **Digital Interfaces:** 2 E1/T1 span
- **E-SBC and SBA:**
- **Analog FXO and FXS Interfaces:** 4, 8, 12 FXS ports
- **BRI Interfaces:** 1, 2, 3, 4 BRI lines
- **LAN:** Up to 2/12 x 100/1000 Base-TX Ethernet LAN ports with PoE
- **RS-232:** Maintenance, Debugging and SMDI
- **WAN (optional):** 100/1000 Base-TX WAN port ADSL2+, SHDSL, T1 Wireless 3G Dongle
- **IPV6 Support:** Yes
- **Power Supply:** 1RU
- **Storage options:** HDD
- **Special Features for Microsoft Lync:** Call Forking, Active Directory look-up, Emergency Location Identification Number (ELIN)

#### Mediant 800 SBA

- **Maximum Lync users (SBA):** 250
- **Maximum PSTN Capacity (Channels):** 60
- **Ability to host additional business applications (SBA v2):** Yes**
- **Modularity:** Modular
- **Digital Interfaces:** 1, 2, 4, 6, 8 E1/T1 spans
- **E-SBC and SBA:**
- **Analog FXO and FXS Interfaces:** 4, 12 FXO ports
- **BRI Interfaces:** 1, 2, 16, 20, 24 FXS/FXO ports
- **LAN:** 7 x 10/100 Base-TX Ethernet LAN ports
- **RS-232:** Maintenance, Debugging and SMDI
- **WAN (optional):** 1x 100/1000 Base-TX WAN port SHDSL, Optical, T1
- **IPV6 Support:** Yes
- **Power Supply:** 1RU
- **Storage options:** HDD/SSD RAID 1
- **Special Features for Microsoft Lync:**

#### Mediant 1000B SBA

- **Maximum Lync users (SBA):** 1000
- **Maximum PSTN Capacity (Channels):** 192
- **Ability to host additional business applications (SBA v2):** Yes
- **Modularity:** Fixed with software scalability options
- **Digital Interfaces:** 1, 2, 4, 6, 8 E1/J1 spans
- **E-SBC and SBA:**
- **Analog FXO and FXS Interfaces:** 1, 2, 4, 6 E1/J1 spans
- **BRI Interfaces:** 1, 2, 16, 20 BRI lines
- **LAN:** Dual Redundant 10/100 Base-TX Ethernet ports
- **RS-232:** Maintenance, Debugging and SMDI
- **WAN (optional):**
- **IPV6 Support:** Yes
- **Power Supply:** 1RU
- **Storage options:** HDD
- **Special Features for Microsoft Lync:**

#### Mediant 2000 SBA

- **Maximum Lync users (SBA):** 1000
- **Maximum PSTN Capacity (Channels):** 480
- **Ability to host additional business applications (SBA v2):** No
- **Modularity:** Fixed with software scalability options
- **Digital Interfaces:** 1, 2, 4, 6, 8, 16 E1/T1/J1 spans
- **E-SBC and SBA:**
- **Analog FXO and FXS Interfaces:** 4, 8, 12, 16, 20, 24 FXS/FXO ports
- **BRI Interfaces:** 4, 8, 12, 16, 20 BRI lines
- **LAN:** Optional on 1, 2, 4 spans models, with SMDI support
- **RS-232:** Maintenance, Debugging and SMDI
- **WAN (optional):**
- **IPV6 Support:** Yes
- **Power Supply:** 1RU
- **Storage options:** HDD
- **Special Features for Microsoft Lync:**

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*Available in release 6.8.

** Contact AudioCodes for details.

For more details of AudioCodes solutions for Microsoft Unified Communications visit [www.audiocodes/microsoft](http://www.audiocodes/microsoft).

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