



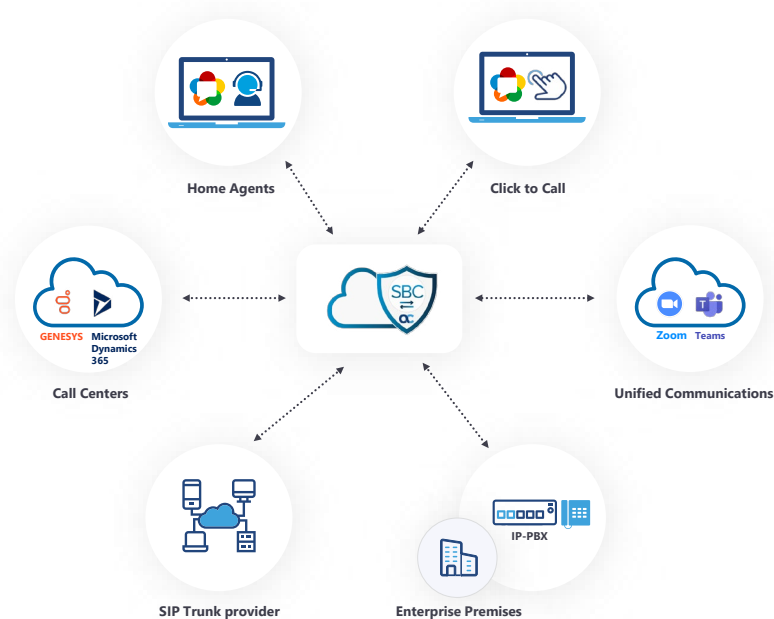
## AudioCodes Enterprise Session Border Controllers (E-SBCs)

AudioCodes Mediant enterprise session border controllers (E-SBCs) deliver seamless connectivity, enhanced security and voice quality assurance for any voice communications environment and at any scale.

AudioCodes Mediant SBCs facilitate secured voice and video communications, delivering uninterrupted business voice services by leveraging advanced high availability and resiliency mechanisms. In cloud deployments, they deliver unmatched scale and cost optimization of cloud resources with real-time dynamic elasticity.

Mediant SBCs are certified by the leading unified communications (UC) providers, such as Microsoft Teams (Direct Routing and Operator Connect), Zoom and RingCentral, as well as by contact center providers such as Genesys (Engage and Cloud), Microsoft Dynamics 365 and Avaya.

The SBCs typically connect between UC, contact center and SIP trunk services, supporting an enterprise's co-existence or migration strategies and protecting it from fraud and malicious attacks. Some AudioCodes SBCs feature PSTN interfaces to allow connectivity to legacy equipment if required.



### Benefits

- Scalable range of SBCs suitable for small to very large deployments
- Connects your unified communications and contact center to any SIP trunk provider
- Increased service availability
- Available as a dedicated appliance or as software running in virtual environments or in the cloud
- Enables any migration or coexistence strategy

### Features

- Single software across all SBC models simplifies training and management
- Certified interoperability with leading UC and CC vendors and SIP trunk providers
- Fully certified by Microsoft for Teams Direct Routing
- Advanced security for protection against malicious attacks and fraud
- Hybrid SIP/TDM platforms for enabling connectivity with legacy equipment

# AudioCodes Enterprise SBCs Portfolio

AudioCodes wide range of platforms includes cloud-native, virtualized and appliance SBCs.

## Pure SBCs



	Mediant 2600	Mediant 4000	Mediant 9030	Mediant 9080	Software SBCs		
					Mediant CE	Mediant VE	Mediant SE
Max. SBC Sessions	600	5,000	30,000	70,000	50,000	24,000	55,000
Max Session Capacity	600	5,000	1,825	30,000*	50,000	24,000	55,000
Chassis Form Factor	1U	1U	1U	1U	-	-	-
High Availability	✓	✓	✓	✓	✓	✓	✓
Certified for Microsoft direct routing	✓	✓	✓	✓	✓	✓	✓

\* With media transcoding cluster

## Hybrid SBCs



	Mediant 500L	Mediant 500	Mediant 800	Mediant 1000	Mediant 3100
Max Session Capacity	60	250	400	150	5,000
Max. Transcoding Sessions	*	*	114	96	3,200
Max. TDM Channels	8	30	124	192	64 E1/T1
Chassis Form Factor	1U	1U	1U	1U	2U
SBC High Availability	-	✓	✓	-	-
Data Firewall and Router (Optional)	✓	✓	✓	-	-
Certified for Microsoft direct routing	-	✓	✓	✓	-

## SBC Common Features

Security	Interoperability	Quality of Experience
<ul style="list-style-type: none"> <li>- Denial of Service protection</li> <li>- VoIP firewall and deep packet inspection</li> <li>- Encryption and authentication</li> <li>- Topology hiding</li> <li>- Traffic separation</li> </ul>	<ul style="list-style-type: none"> <li>- Wide ITSP and PBX interoperability</li> <li>- Transport mediation</li> <li>- Header manipulation</li> <li>- Extensive transcoding and vocoders</li> <li>- NAT traversal</li> <li>- Integrated WebRTC Gateway</li> </ul>	<ul style="list-style-type: none"> <li>- Call Admission Control</li> <li>- VoIP prioritization</li> <li>- Packet loss concealment</li> <li>- Signaling and media failover</li> <li>- Fixed and dynamic gain control</li> <li>- Full QoE monitoring: Jitter, packet loss, delay and MOS</li> </ul>

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