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Scalability. Performance. Protection.

AudioCodes Service Provider SBCs

AudioCodes flexible and scalable line of service provider session border controllers (SBCs) provide the interoperability, security and quality assurance that service providers need to connect their enterprise and residential customers reliably and securely to SIP trunk and hosted telephony services.
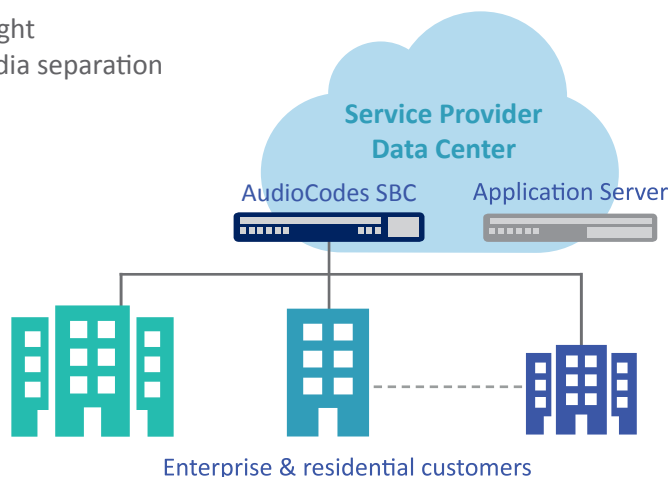
Built for today's service provider cloud-based data centers, AudioCodes service provider SBCs are available in virtualized, cloud-native and dedicated server forms. AudioCodes SBCs can also be deployed as an NFV-compliant VNF, compatible with leading hypervisors and orchestration systems.

AudioCodes Service Provider SBC Benefits

- Full cloud support - available as cloud-native, microservices-based, virtualized solution
- Can be deployed as an NFV-compliant VNF
- Supports BroadSoft, Microsoft and other hosted UCaaS environments
- Highly scalable architecture
- Extensive SIP mediation and interoperability
- Complete perimeter defense
- Advanced voice quality monitoring for deep network insight
- Flexible pay-as-you-grow licensing with signaling and media separation

Service Provider Applications

- SIP trunking
- Carrier interconnect
- Hosted PBX
- Hosted UCC as a Service
- Residential VoIP
- WebRTC gateway

Service Provider Data Center

AudioCodes SBC   Application Server

Enterprise & residential customers

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AudioCodes Service Provider SBCs

Product Specification Comparison

	Software-based Products			Integrated Appliances	
	Mediant CE	**Mediant VE**	**Mediant SE**	**Mediant 4000**	**Mediant 9030/9080**
Target Users	Service providers, UCaaS operators, ISVs			Service providers, SIP trunk resellers	Service providers, UCaaS operators, ISVs
Application	SBC VNF for core side or running on uCPE			SIP trunking with transcoding	Service provider access SBC
Hardware/ Deployment Environment	Azure, AWS	Virtualized SBC running on KVM, VMware, AWS and Azure	Dedicated Intel server (certified on HPE DL360)	Integrated appliance	Integrated appliance
Concurrent Sessions	40,000	24,000	70,000	5,000	30,000/70,000
Users	100,000	75,000	500,000	20,000	200,000/500,000

Service Provider SBC Shared Features

Security	Interoperability	Quality of Experience
- Denial of service protection - VoIP firewall and deep packet inspection - Encryption and authentication - Topology hiding - Traffic separation	- Extensive PBX interoperability - Transport mediation - Header manipulation - NAT traversal - Integrated WebRTC gateway	- Call Admission Control - Full QoE monitoring: Jitter, Packet Loss, Delay and MOS

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