AudioCodes Service Provider SBCs

Scalability. Performance. Protection.

AudioCodes offers service providers a line of service provider core Session Border Controllers (SBCs) that facilitate scalable, secure and high-quality SIP trunking and hosted PBX service delivery.

AudioCodes service provider SBCs provide the interoperability, security and quality assurance that service providers need to connect to their enterprise and residential customers.
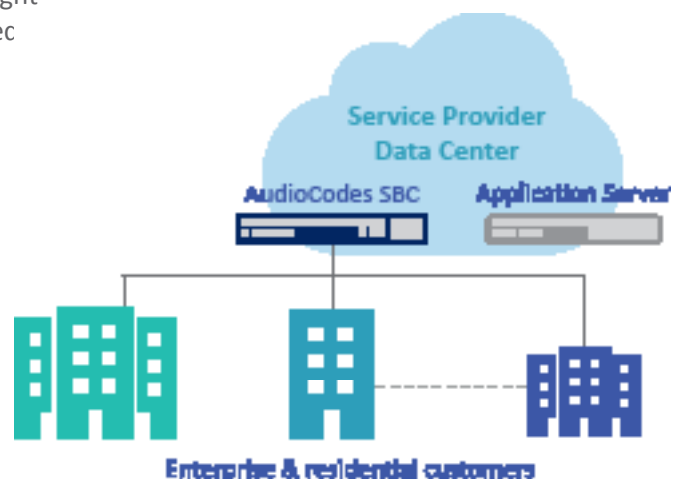
Built for today's service provider cloud-based data centers, our service provider SBCs are available in both virtualized and dedicated server forms.

AudioCodes Service Provider SBC Benefits

- Built for the cloud - dedicated server and virtualized SBCs
- 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 signalling and med

Service Provider Applications

- SIP trunking
- Hosted PBX
- Hosted UCC as a Service
- Residential VoIP

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Service Provider SBC Main Products and Features

	Software-based Products		Integrated Appliances	
	Mediant VE	**Mediant SE**	**Mediant 4000**	**Mediant 9000**
Target Users	Service Providers, UCaaS Operators, ISVs		Service Providers, SIP trunk resellers	Service Providers, UCaaS Operators, ISVs
Application	Service Provider Access SBC for Hosted PBX, SIP trunking and residential VoIP services		SIP trunking with transcoding	Service Provider Access SBC
Hardware	Virtualized SBC (VMware / Hyper-V / KVM / Openstack)	Dedicated Intel server (certified on HP DL320 and DL360)	Integrated Appliance	Integrated Appliance
Concurrent Sessions	6,000	24,000	5,000	24,000
Users	30,000	120,000	20,000	120,000

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	- Wide PBX interoperability - Transport Mediation - Header Manipulation - NAT Traversal	- Call Admission Control - Full QoE monitoring: Jitter, Packet Loss, Delay and MOS

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