About AudioCodes

AudioCodes Ltd. (NasdaqGS: AUDC) designs, develops and sells advanced Voice over IP (VoIP) and converged VoIP and Data networking products and applications to Service Providers and Enterprises. AudioCodes is a VoIP technology market leader focused on converged VoIP & data communications and its products are deployed globally in Broadband, Mobile, Enterprise networks and Cable. The company provides a range of innovative, cost-effective products including Media Gateways, Multi-Service Business Routers, Session Border Controllers (SBC), Residential Gateways, IP Phones, Media Servers and Value Added Applications. AudioCodes' underlying technology, VoIPerfectHD™, relies on AudioCodes' leadership in DSP, voice coding and voice processing technologies. AudioCodes High Definition (HD) VoIP technologies and products provide enhanced intelligibility and a better end user communication experience in Voice communications.

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Mediant™ 2600 Enterprise Session Border Controller (E-SBC)

- Scalable up to 600 SBC Sessions
- Interoperability with SIP trunking services
- Supports remote workers and mobile clients
- Enhanced enterprise perimeter defense
- VoIP quality monitoring and enforcement
- Helps reducing operating expenses
- Local branch survivability
- Active/Standby high availability
- Transcoding and wideband speech

AudioCodes Mediant™ 2600 Enterprise Session Border Controller (E-SBC) is a member of the AudioCodes family of Enterprise Session Border Controllers, enabling interoperability and secured connectivity between enterprise and service providers VoIP networks.

The Mediant 2600 E-SBC provides mediation for allowing the connection of any IP-PBX to any service provider; advanced quality-of-experience (QoE) monitoring; and perimeter defense as a way of protecting enterprises from malicious VoIP attacks. Designed for medium capacity and high performance, the Mediant 2600 E-SBC scales up to 600 SBC VoIP sessions.

The Mediant 2600 E-SBC offers a cost-effective connectivity solution for contact centers, large data centers, hosted services, government institutions and large scale unified communications deployments. It provides unparalleled interoperability, enabling mediation between an extensive list of IP-PBXs, Unified Communications solutions and SIP trunking providers. By supporting high-availability configurations with reliable two box redundancy, the Mediant 2600 E-SBC ensures no loss of active sessions during failure time.

Unified Communications

AudioCodes Mediant family of E-SBCs form an essential element of centralized and distributed unified communications solutions. The Mediant 2600 E-SBC's comprehensive and flexible support for the SIP protocol ensures reliable and seamless interconnectivity between existing mid-range IP-PBX deployments and SIP trunking services. Its built-in quality-of-experience reporting capabilities enable enterprise IT managers to monitor their network's performance in real time and act promptly to prevent service-affecting problems.

Contact Center Solution

Typical on-premise contact centers place the SIP application server in the LAN, with SIP user agents deployed remotely across the WAN. The Mediant 2600 E-SBC authenticates and monitors these user agents and resolves any NAT traversal issues they might face.

MediantTM 2600 Enterprise Session Border Controller (E-SBC)

Mediant 2600 E-SBC in service provider networks

As Enterprises strive to control their communication operating and equipment costs, outsourcing Voice and Data infrastructure to a service provider is becoming an attractive option. The Mediant 2600 E-SBC offers hosted and managed service providers a clear and easy-to-manage demarcation point, combining mediation services, security and service level assurance.

Benefits for Service Providers

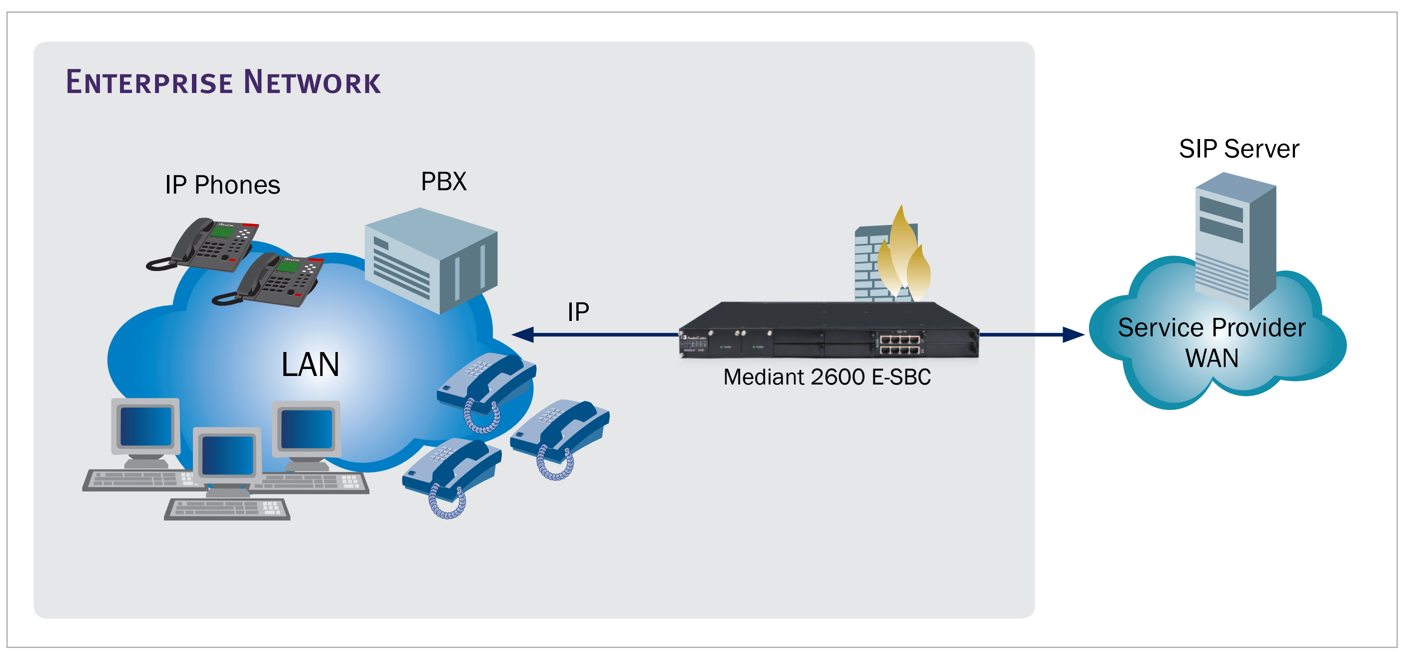
- A highly integrated device for providing SIP Services to enterprises
- Extensive interoperability and partnerships that extend across multiple vendor devices and protocol implementations
- Simplified management and maintenance using a unified management tool
- Assuring standalone survivability at the customer premises during WAN outage
- Suitable for managed services to the enterprise by a single service provider

Mediant 2600 E-SBC in enterprise networks

Enterprises are motivated to become more productive, efficient, and responsive to their workers. The combination of secured voice services, standalone survivability, mediation services and service level assurance offered by the Mediant 2600 E-SBC ensures a high level of investment protection, cost optimization and support for the growing communications needs of enterprise users, whether at the head office, branch offices or on the road.

Benefits for enterprise customers

- A highly integrated device for secured SIP trunking access, forming a single and managed point of demarcation for VoIP networks
- Future-proof solution with the ability to support various SIP trunking and UC applications
- Multiple service providers' connectivity to optimize tariff rates reduce operating expenses
- Local survivability upon WAN network connectivity failures



Specifications

Capacities	
Max. Sessions	600 SBC sessions
Max. SRTP - RTP Sessions	600 SBC sessions
Max. Registered Users	8,000
Max. Coder Transcoding Sessions	300 (600[1])
Security	
Access Control	Denial and Distributed Denial of Service protection through line rate filtering using White/Black Lists, including bandwidth throttling
VoIP Firewall	RTP pinhole management according to SIP offer/answer model. Rouge RTP detection and prevention, SIP message policy
Encryption and Authentication	TLS, SRTP, HTTPS, SSH, Client/Server authentication
Privacy	Topology Hiding, User Privacy
Traffic Separation	Physical separation or VLAN interface separation for multiple Media, Control and OAM interfaces
Interoperability	
SIP B2BUA	Full SIP transparency, mature & broadly deployed SIP stack
ITSP and IP-PBX Support	Interoperable with many SIP trunk Service Providers and IP-PBX vendors, such as Verizon, Skype and Microsoft Lync
Transport Mediation	SIP over UDP to SIP over TCP or SIP over TLS, IPv4 to IPv6, RTP to SRTP
Header Manipulation	Programmable header manipulation. Ability to add/modify/delete headers using advanced regular expressions
URI and Number Manipulations	URI User and Host name manipulations. Ingress & Egress Digit Manipulation
Transcoding and Vocoders	Coder normalization including: transcoding, coder enforcement and re-prioritization Extensive vocoder support: Wireline: G.711a/mu, G.723.1, G.726, G.727, G.729A/B/E Wireless: GSM-FR, AMREVRC; Wideband: AMR-WB, G.722, SILK, SPEEX[1]
Signal Conversion	DTMF/RFC2833, Inband/T.38 Fax, Packet-time Conversion
NAT	Local and Far End NAT traversal for support of remote workers
Signal Detection	Voice Activity, Call Progress Tone, and Answering Machine
Voice Quality and SLA	
Call Admission Control	Deny excessive calls based on session establishment rate, number of connections and number of registrations (per SIP trunk or routing domain)
Packet Marking	802.1p/Q VLAN tagging, DiffServ, TOS
Stand Alone Survivability	Maintain local calls in the event of WAN failure
Impairment Mitigation	Packet Loss Concealment, Dynamic Programmable Jitter Buffer, Silence Suppression/Comfort Noise Generation, RTP redundancy[1], broken connection detection
Transparent Media	Low latency, unprocessed payload transfer
Voice Enhancement	Acoustic echo cancellation[1], Transrating, RTCP-XR
Gain Control[er]	Fixed & dynamic voice gain control
Media De-anchoring	Hair-pinning of local calls to avoid unnecessary media delays and bandwidth consumption
Redundancy	High availability with two box redundancy, Active calls preserved
Voice Quality Monitoring	AudioCodes Session Experience Manager (SEM)
SIP Routing	
Routing Methods	Request URL, Source/Destination IP Address, Fully Qualified Domain Name, ENUM, LDAP
Alternative Routing and Load Balancing	Detect proxy failures and route to alternative proxies. Load balance across a pool of proxies, least cost routing
Multiple VLANs	Support for up to 48 separate LANs
Hardware Specifications	
IP Networking	8 Redundant 100/1000 Base-T Ethernet ports for physical separation between multiple LAN and WAN networks and between Media, Control and OA&M
Enclosure	4/8-slot, 1U chassis
Dimensions (HxWxD)	1U x 19" (444mm) x 14" (355mm)
Weight	Approx. 11.7 lbs (5.3Kg)
Power	100–240 V AC redundant Dual Feed
Regulatory Compliance	
Safety and EMC	UL 60950-1:2007, IEC60950-1 (2nd Edition): Am 1:2009 EN60950-1:2006/A11:2009/A1:2010/A12:2011 FCC part 15 Class A EN55022:2010 Class A, EN55024:2010, EN300 386, EN61000-3-3, EN61000-3-2 ETSI EN300 386 V1.5.1:2010-10 47 CFR FCC Part 15 Class A ICES-003 Class A

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