

# AudioCodes Media Transcoder [Mediant 4000B]

## Media Transcoder [Mediant 4000B]



### Benefits

- Efficient and scalable transcoding for large heterogeneous VoIP networks
- Transcoding capacity not limited by SBC hardware
- Scale as you grow with field upgradable hardware and cluster configuration options
- Support for broad range of codecs ensures high voice quality
- Future-proof solution with support for new and updated codecs via software upgrades

### Key Features

- Modular hardware chassis
- Scalable to 5,000 simultaneous transcoding sessions per chassis
- Virtually unlimited cluster scalability
- N+1 high availability
- Advanced media handling including support for wideband speech and best of breed coders

The AudioCodes Media Transcoder (MT) solution delivers high capacity DSP-based transcoding in conjunction with AudioCodes' field-proven hardware-based SBC product family. Aimed at service providers and large enterprises, AudioCodes MT offloads media transcoding from AudioCodes SBCs handling large call volumes. This ensures high quality and reliability in heterogeneous environments where simultaneous support for multiple codecs is needed.

### Scalability

AudioCodes MT is a modular solution supporting up to three field-upgradable transcoding modules in a single 1U chassis. As transcoding needs increase, multiple AudioCodes MT devices can be added to form a cluster configuration giving virtually unlimited scalability.

### High Availability

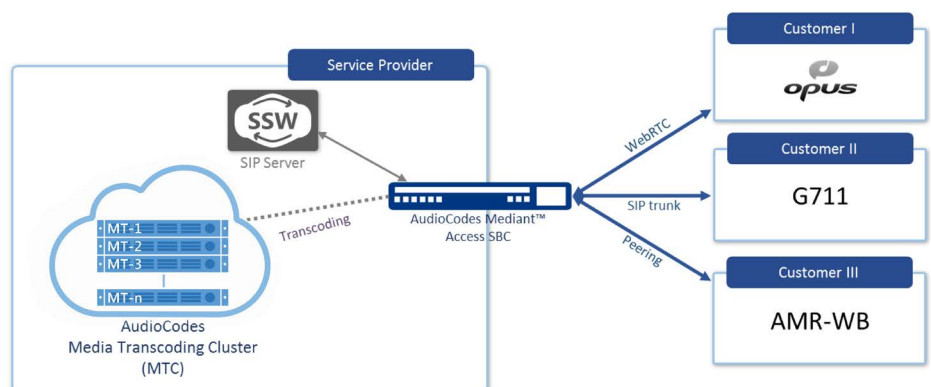
AudioCodes MT runs on a robust hardware platform with built-in power supply and Ethernet port redundancy. When deployed in a cluster mode, the solution supports high availability in an N+1 architecture.

### Extensive Transcoding Capabilities

The MT supports a wide range of VoIP codecs, both narrowband and wideband, ensuring seamless and reliable transcoding between virtually any endpoints. This flexibility is of particular importance in service provider environments where a variety of devices and networks may be connected. As the technology evolves, support for new and updated codecs can be easily added to the MT via software upgrades.

### Applications

- Service provider peering
- SIP trunking
- Contact center
- WebRTC GW



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## SPECIFICATIONS

Capacities	
Max. Transcoding Sessions per MT chassis	5,000
Network Interfaces	
Ethernet	8 Redundant 100/1000 Base-T Ethernet ports for physical separation between multiple LAN and WAN between Media, Control and OA&M
Coder Support	
Narrowband	G.711, G.726, G.729 A/B, G.723.1, G.722, GSM, EVRC, AMR-NB, SILK-NB, iLBC, OPUS-NB, T.38
Wideband	AMR-WB, SILK-WB, OPUS-WB
Media Handling	
Fax	T.38; CNG; FAX Bypass; V.34 Fax Relay per T.38 ver 3
DTMF	DTMF inband detector; DTMF Relay (RFC 2833/4733); DTMF Call ID: Denmark (Type 1&2), India (Type 1), Brazil (Type 1), ETSI (ETS 300 659-1 Annex C)
FSK Caller ID	FSK Caller ID: NTT (Type 1&2), Telcordia (Type 1&2), ETSI (ETS 300 659-1.2)
Answer Machine Detection	Supported
Physical / Environmental	
Dimensions	1U x 19" (444mm) x 14.9" (378mm) (HxWxD)
Weight	Approx. 16.3 lbs (7.4Kg)
Mounting	Desktop or 19" rack mount
Power Input	Dual universal power supply 40-60 VDC, 17A max., or dual universal power supply 100-240 VAC, 50-60 Hz, 7A max.
Power Consumption	Up to 410 Watt
Operating Temperature	5°-40° C
Regulatory Compliance	
Safety and EMC	UL60950-1 FCC Part 15 Class A ICES-003 Class A CE marking: IEC60950-1, EN55024, EN55022 Class A, EN61000-3-2, EN61000-3-3, ETSI EN300 386

## 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 and 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, Value Added Applications and Professional Services. AudioCodes' underlying technology, VolPerfectHD™, 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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