

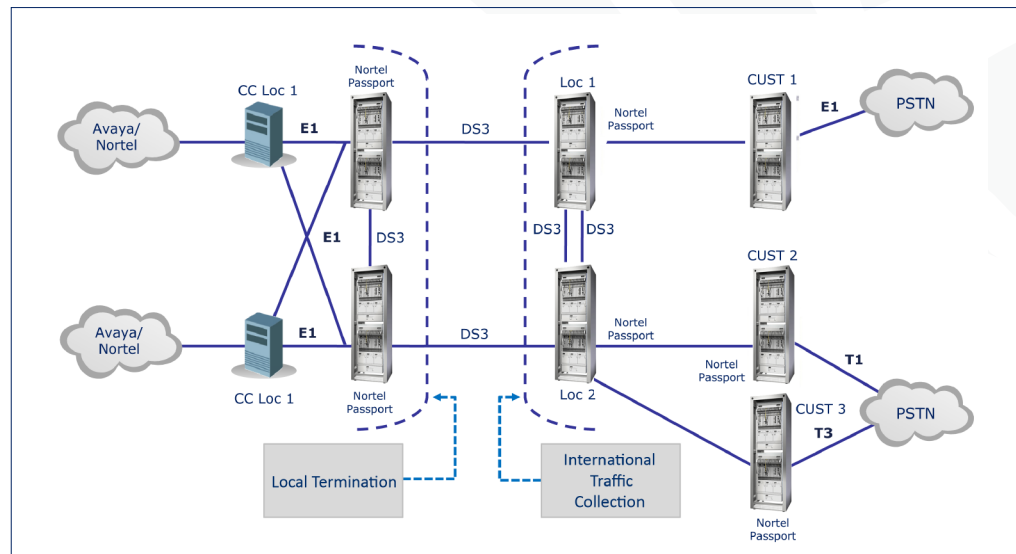
## AudioCodes Media Gateways - The Perfect Replacement for Nortel Passport

AudioCodes high-availability VoIP Media Gateways provide a future-proof alternative for Nortel Passport multi-service switches. With a large global install base of Nortel Passport platforms, significant business opportunities exist with companies aiming to replace their legacy equipment with future-proof, IP-based solutions.

### Replacing Nortel Passport

Enterprise customers who have deployed Nortel Passport multi-service switches for their legacy voice and data infrastructure are now looking for new alternatives. The motivation for this move is the desire to replace legacy equipment with more cost-effective solutions that have a future-proof roadmap designed from the outset to support cutting-edge IP/MPLS and VoIP technology.

Nortel Passport Architecture - Over Leased Lines with DS3



### IP/MPLS Replacing Leased Lines

One factor in the decline of legacy equipment such as the Nortel Passport line is the migration of carrier-grade transport technology from legacy TDM utilizing expensive leased lines to packet switched networks based on Multiprotocol Label Switching (IP/MPLS). As a consequence of this, voice applications such as PABXs, contact centers, ACD, IVR, dialers, conferencing and recording systems are migrating to Voice over IP (VoIP) infrastructure based on the SIP protocol.

In the VoIP architecture, SIP media gateways assume the Nortel Passport role, terminating the PSTN calls and converting them to VoIP calls. By deploying the latest VoIP technology, enterprises no longer need to pay high service charges and maintenance costs for their legacy Passport equipment. Using the SIP media gateways over IP/MPLS instead of paying for leased lines also results in more efficient network bandwidth utilization and better quality of service (QoS), reducing enterprises' operational expenditure.

## Business Opportunities

Across the world, there are hundreds of deployments of the Nortel Passport multi-service switches, many of them in the contact center and defense domains. These two business segments both have stringent requirements for handling high voice traffic loads, security, high availability and redundancy.

AudioCodes line of carrier-grade high-availability media gateways provides best-of-breed solutions for service providers and enterprises that require a future-proof, reliable and high quality media gateway platform that can interconnect with most market-leading softswitches, application servers, IP-PBXs and other standards-based VoIP elements. The AudioCodes family of high-availability media gateways includes the Mediant 3000, Mediant 5000 and the Mediant 8000.



Mediant 3000



Mediant 5000



Mediant 8000

## AudioCodes High-Availability Media Gateways

The entire Mediant gateway family shares the same AudioCodes award-winning VoIP media processing blades, assuring mature and field-proven solutions. These gateways support a wide variety of PSTN interfaces including E1/T1, DS3, STM-1/OC-3, support for industry standard control protocols such as SIP (over TLS) , H.248 and MGCP, and support a wide range of voice coders including high definition voice (HD Voice) where they are ranked as number one in the world for voice quality.

AudioCodes gateways enable cost-effective solutions for enterprise or carrier deployments, as well as entry into fast growing new and emerging markets. The medium and large gateways scale from 480 DS0 and up to 16,000 DS0 and are designed and built to meet carriers' operational requirements by providing carrier-grade "five-nines" high availability and redundancy. The AudioCodes media gateways can also be used as an enterprise session border controller (E-SBC) or as a hybrid solution where the two applications can co-exist on the same hardware platform.

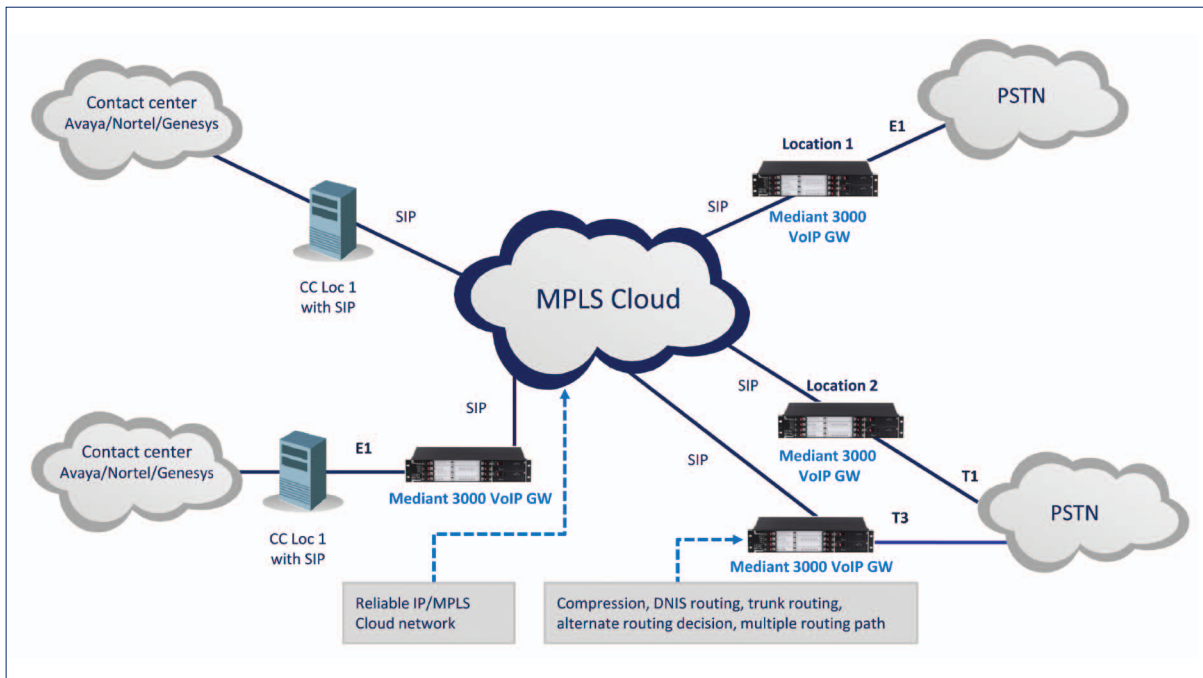
Activation of the E-SBC application on the media gateways is achieved via license key only so there is no need to replace the media gateway hardware or upgrade its software. By activating the E-SBC on the AudioCodes media gateways, customers ensure full investment protection for their voice networks as they migrate towards an All-IP infrastructure.

## AudioCodes Key advantages

The key advantages of AudioCodes high-availability media gateways include:

- High scalability with support for up to 16,000 DS0 voice channels
- High availability N+1/1+1 redundancy schemes for media processing
- Highly interoperable field-proven SIP stack
- High compression ratio (1:7) reduces bandwidth consumption while maintaining high voice quality (MOS 3.9)
- Support for wide range of PSTN interfaces (STM-1/OC-3, T1/E1, DS3)
- Support for out-of-band DTMF relay (RFC 2833)
- SIGTRAN (for IUA, M2UA, M3UA) for transferring SS7 signaling over SCTP
- Comprehensive support for source/destination numbers manipulation and routing rules
- Investment protection when migrating from TDM/IP media gateway to all-IP infrastructure (Enterprise SBC)
- Common management system for all platforms using AudioCodes state-of-the-art Element Management System (EMS) with support for SNMP reduces training and management costs

## Post Replacement: AudioCodes Mediant 3000 over IP/MPLS Cloud



For further information on our high-availability media gateways please visit our website:

<http://www.audiocodes.com/HDGW>

## 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 Gateways, Session Border Controllers (SBC), Residential Gateways, IP Phones, Media Servers and Value Added Applications. 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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