

Connecting Voice Networks

Making the connection with Innovative Products, Solutions and Applications

AudioCodes designs and manufactures a diverse range of award-winning media gateway, media server and network security products and technologies that enable the new voice infrastructure.



Macro View of the Global Telecommunication Networks

AudioCodes' products play an important role in the migration of the global telecommunications infrastructure from TDM to IP technologies by interconnecting the new IP, Wireless and legacy TDM core networks. These cutting-edge products also enable enterprise and residential customers to connect their TDM equipment to legacy IP networks or IP equipment to the legacy TDM core.

AudioCodes delivers its reliable, innovative and cost-effective products around the globe to a range of markets including carriers, service providers, telecommunication equipment manufacturers, enterprises, system integrators, distributors and value added resellers.

Applications

AudioCodes media gateways fit into a wide range of applications where the TDM and IP networks intersect.

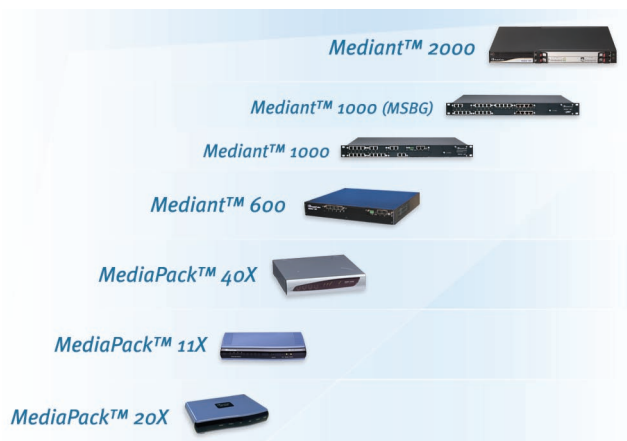
These are some examples:

- **Hosted IP-Centrex** – connecting legacy telephone equipment at the customer premise to the service provider's IP network

- **SIP Trunking for TDM PBXs** – allowing enterprises to retain their existing TDM PBX equipment, realizing the cost savings and flexibility of SIP Trunking or Internet Telephony Service Providers (ITSP)
- **IP Carrier to PSTN** – interfacing between the carrier's IP network and the PSTN using either PRI or SS7 signaling, allowing their subscribers to call outside their networks
- **Enterprise Networking / TIE Line Replacement** – networking remote offices via IP and eliminating expensive TIE lines between offices
- **IP-PBX to PSTN** – connecting IP-PBXs to the PSTN or legacy telephone equipment
- **Remote Branch Survivability** – enabling emergency calling for remote branch offices in situations where connectivity to the WAN fails

CPE Media Gateway Products

AudioCodes' Customer Premise Equipment (CPE) products include a range in densities from very small two line Analog Telephone Adapters (ATAs) up to 16 T1/E1 circuit digital trunking gateways. The AudioCodes CPE line supports SIP, H.248 and H.323 (depending on the model); and are interoperable with over 100 different software applications from our eco-system partners.



AudioCodes CPE Media Gateway Product Line

MediaPack™ low density products (model depending) support analog FXS or FXO lines, or digital ISDN BRI circuits. The mid-density **Mediant™ 600** is a cost optimized digital media gateway that supports either eight ISDN BRI circuits or up to two digital T1/E1 circuits. The flexible and scalable **Mediant™ 1000** is highly modular, using hot-swap modules that support a wide range of analog FXS/FXO, ISDN BRI, and up to four digital T1/E1 voice circuits. The Mediant 1000 also offers the unique Open Solution Network Server (OSN), allowing customer applications to reside within the media gateway and enable "one-box" communication appliances. The **Mediant™ 2000** addresses the high end of the CPE market with a scalable digital-only media gateway capable of up to 16 T1/E1 circuits.

Voice Networks

The newest member of the Mediant family is the **Mediant™ 1000 Multi-Service Business Gateway (MSBG)**. This platform integrates a number of separate devices, including WAN network access, router, firewall, session border controller, media gateway and application server into one compact and easy to install package. The Mediant 1000 MSBG solves many of the challenges that service providers and large distributed enterprises have been struggling with as they bring VoIP to the mass market.



Carrier and High Availability Media Gateway Products

Moving up the density scale, AudioCodes' Mediant line also offers a complete family of Carrier and High Availability media gateways. With densities ranging from 480 up to 16,000 channels, this product group fits into the carrier core network infrastructure and large enterprise applications where density and reliability are important factors.



AudioCodes Carrier and High Availability Media Gateways

Beginning with the **Mediant™ 3000**, AudioCodes also offers high availability features, including 1+1 and N+1 redundant gateway blades, dual power supplies, fans and network switches as required to serve the high reliability demands of large carriers.

AudioCodes Value Proposition

- **Superior Voice Quality** – as demonstrated at the ETSI Speech Quality Test Event, where AudioCodes was the only participant to pass all 12 rigorous tests
- **Interoperability** – validated and certified with over 100 industry leading software applications and PBXs, reducing integration time and complexity
- **Security** – support for SRTP and SIP over TLS, HTTPS and other industry standard security protocols allows for end-to-end security for sensitive applications in government, financial and healthcare industries
- **Scalability** – a range of product densities and expandability enables managed and cost-effective growth
- **Energy Efficiency** – reducing future operational costs
- **Affordability** – a diverse range of products that fit into almost every budget

For more information on AudioCodes products, visit:

www.audiocodes.com or call +1-408-441-1175