



PRESS RELEASE

Contacts

Shirley Nakar
AudioCodes
Tel: +972-3-976-4072
shirley.nakar@audiocodes.com

Kristy Needham
Alan Weinkrantz and Company
Tel: +1-210-861-9875
kristyn@weinkrantz.com

AudioCodes Mediant™ Gateway Achieves Outstanding Voice Quality Results at European Telecommunication Standards Institute Event

Only AudioCodes Mediant gateway passed and exceeded all ETSI requirements for VoIP gateways

Lod Israel, January 24, 2005 – AudioCodes (NASDAQ: AUDC), a leading provider of Voice over Packet (VoP) technologies and Voice Network products, announced today that the AudioCodes Mediant™ 2000 Media Gateway achieved outstanding voice quality results in the third “Speech Quality Test Event” held by the European Telecommunications Standards Institute (ETSI) in June and September, 2004. Out of all VoIP gateways submitted for testing by the ten vendors that participated in the event, AudioCodes Mediant 2000 was the single product that passed and exceeded the requirements in all test categories.

The aim of the third ETSI VoIP Speech Quality Test Event was for manufacturers of VoIP gateways to have their equipment tested under controlled IP network conditions including end-to-end as well as mouth-to-ear scenarios and to measure, analyze and compare speech quality parameters, creating a benchmark comparison of the competing products.

“Voice Quality has always been the cornerstone of our VoIP enabling technology and networking products. Achieving excellent results in the very important ETSI VoIP Speech Quality Test Event is yet another demonstration of our commitment to technology excellence”, said Shabtai Adlersberg,

President and CEO of AudioCodes. “Voice quality continues to be one of the key factors to successful penetration of VoIP in the telecom marketplace.”

“Voice quality is essential for VoIP to continue expanding and being deployed in the most demanding networks. Achieving the highest levels of voice quality requires technical expertise, commitment to quality, and also a critical mass of field deployments in many diverse conditions, networks and regions,” said Jeremy Duke, President and CEO of Synergy Research. “In the ETSI test, AudioCodes proved it had the skill, quality commitment and VoIP field proven experience to achieve the leading voice quality offering. AudioCodes customers and the industry will benefit from this achievement.”

The **Mediant™ 2000 VoIP Gateway** is the cost-effective, entry-level member in the AudioCodes family of market-ready, standards-compliant, media gateway products. Intelligently packaged in a stackable 1U chassis, the Mediant 2000 supports 1 to 16 E1/T1/J1 spans and is specially designed as a CPE or low density media gateway for small carrier network POPs.

The Mediant 2000 is based on the TP-1610 VoIP Media Gateway cPCI blade, the main building block of AudioCodes’ Digital (Mediant) Media Gateways and Media Servers (IPmedia). VoIPerfect™ is the underlying, core media gateway architecture for the afore-mentioned AudioCodes products, as well as all of AudioCodes product lines ranging from the chip level, through PMC modules and PCI/cPCI blades, to high-availability and non-high-availability analog and digital media gateway platforms.

The formal ETSI summary of AudioCodes Mediant 2000 results is available for download via the following link: <http://www.audiocodes.com/Content.aspx?voip=2189>.

The full results of the event were published in the ETSI report “ETSI 3rd Speech Quality Test Event Anonymized Test Report – ‘Gateways’” and are available for download at:

<http://www.etsi.org/plugtests/History/2004SQTE.htm> (Go to: Reports – Gateways, at the bottom of this link)

The ETSI events were held at the HEAD acoustics test labs in Herzogenrath, Germany in July and in Brighton, Michigan USA in September. Some examples of the tests completed included:

- Coder voice quality test (PESQ) under different packet loss rates and jitter conditions
- Detailed analysis of PLC (packet loss concealment) and jitter buffer implementations
- Quality of background noise transmission, e.g. VAD and comfort noise implementations using different kinds of background noises
- Echo canceller performance during double talk, single talk and background noise

About ETSI

ETSI - the European Telecommunications Standards Institute - is officially responsible for standardization in telecommunications, broadcasting and certain aspects of information technology within Europe. It produces a wide range of standards and other technical documentation as Europe's contribution to world-wide standardization. A non-profit making organization based in Sophia Antipolis, France, ETSI unites nearly 700 members from more than 50 countries inside and outside Europe, and brings together manufacturers, network operators, administrations, service providers, research bodies and users - in fact, all the key players in the ICT arena. For more information refer to: www.etsi.org.

About AudioCodes

AudioCodes Ltd. (NASDAQ: AUDC) enables the new voice infrastructure by providing innovative, reliable and cost-effective Voice over Packet technology and Voice Network products to OEMs, network equipment providers and system integrators. AudioCodes provides its customers and partners with a diverse range of flexible, comprehensive media gateway and media processing technologies, based on VoIPerfect™ – AudioCodes' underlying, best-of-breed, core media gateway architecture. The company is a market leader in voice compression technology and is a key originator of the ITU G.723.1 standard for the emerging Voice over

IP market. AudioCodes voice network products feature media gateway and media server platforms for packet-based applications in the wireline, wireless, broadband access, and enhanced voice services markets. AudioCodes enabling technology products include VoIP and CTI communication boards, VoIP media gateway processors and modules, and CPE devices. Its customers include the leading telecom and data network equipment providers globally. AudioCodes' international headquarters and R&D facilities are located in Israel, with U.S. headquarters in San Jose, California. Additional offices are in Boston (MA), Chicago (IL), Research Triangle Park (NC), Somerset (NJ), Beijing, London, Mexico City, Paris and Tokyo. For more information on AudioCodes, visit www.audiocodes.com or call +1 (408) 577-0488.

Statements concerning AudioCodes' business outlook or future economic performance; product introductions and plans and objectives related thereto; and statements concerning assumptions made or expectations as to any future events, conditions, performance or other matters, are "forward-looking statements" as that term is defined under U.S. Federal securities laws. Forward-looking statements are subject to various risks, uncertainties and other factors that could cause actual results to differ materially from those stated in such statements. These risks, uncertainties and factors include, but are not limited to: the effect of global economic conditions in general and conditions in AudioCodes' industry and target markets in particular; shifts in supply and demand; market acceptance of new products and continuing products' demand; the impact of competitive products and pricing on AudioCodes' and its customers' products and markets; timely product and technology development/upgrades and the ability to manage changes in market conditions as needed; and other factors detailed in AudioCodes' filings with the Securities and Exchange Commission. AudioCodes assumes no obligation to update the information in this release.

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