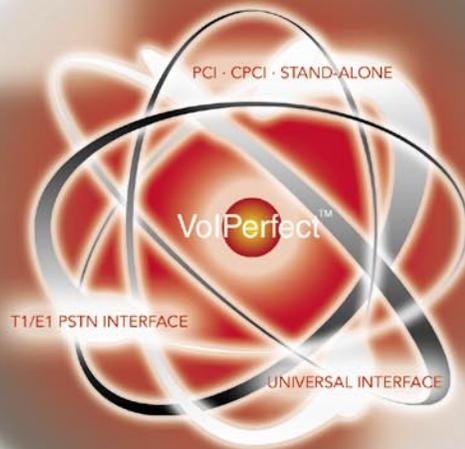# VOIPERFECT™

Your Gateway to VoIP

What Is VoIPerfect™?

VoIPerfect™ is AudioCodes underlying, core media gateway architecture common to all of its products. It is designed to deliver the right mix of features to the right vertical market. VoIPerfect's unique mix of VoIP media processing capabilities combined with industry standard PSTN interfaces makes it an ideal choice for both next generation applications and for today.

Built from the AudioCodes VoP DSP and VoicePacketizer™ protocol stacks, the VoIPerfect™products share a common architecture and Application Programming Interface (API). This allows easy product migration from low-density analog solutions all the way to advanced high availability, high-density applications.

Features

· Scalable channel density

· Field-proven PSTN interface board

· Smooth migration to VoIP network, using software license only

· Concurrent toll

· All-in-one integrated board

· Shorter development cycle

· 240 universal ports supporting voice, fax and data

· Various voice compression includes G.711, G.723.1, G.729A

· Voice Record/Playback

· Real-time, multi party conferencing

· Interchangeable RTP or PSTN or TDM endpoints

· Comprehensive IVR control

· VoIP pacet streaming (RTP/RTCP) oer RFC 1889/1890

· MGCP, MEGACO and AudioCodes' proprietary TPNCP

· MVIP, SCbus and H.100 CT bus interface support

· Automatic Speech Recognition (ASR)[1] and Text To Speech (TTS)[1]

A Complete VoIP Media Processing Solution

Combining many options on a single board, the IPM 260 can eliminate a number of separate special-function boards, resulting in reduced inventory, increased overall system density, reduced costs, and improved time-to-market.

Designed as a universal solution, all VoIPerfect™260 products are capable of delivering just the right mix of communication features for many markets. Like all members of the VoIPerfect™family, the 260 Series can be ordered with different software and interface options, enabling it to meet a wide range of market needs.

Universal solution

For traditional CTI applications, the 260 Series has the right mix of firmware-based media processing capabilities such as: record, playback, conferencing, voice coding, echo cancellation, fax processing, and call progress tones detection. In addition, the VoIPerfect™260 is capable of supporting advanced Voice Over Packet features like RTP packet streaming, voice activity detection, transcoding, and industry standard signaling formats. It is available with or without PSTN T1/E1 interfaces and can be configured with up to 8 T1/E1 spans.

Protect Customer Investment

The VoIPerfect™260 series is based on the VoIPerfect(TM) architecture, AudioCodes' underlying gateway technology for all of its products. As a member of the VoIPerfect™family, the 260 series shares the same API and feature set as the entire product line. This unique API enables software download, provisioning and control. It was designed to maintain essential API backward compatibility in order to protect customers' investment in the development of products based on former generations.

Enable Fast & Easy Integration

Enabling accelerated design cycles with high density and reduced costs, the VoIPerfect™260 series is an ideal building block for scalable, reliable VoIP enabled media processing solutions. With the VoIPerfect™260 series' comprehensive features, customers can quickly design a wide range of solutions combining PSTN and VoIP networks.

Built on the heritage of the AudioCodes Voice over IP processing technology, the VoIPerfect™ family of products are capable of serving the most demanding applications. It has every feature needed to meet all the demands of the CTI market, both today and tomorrow.