

Telos, Omnia & Axia present Streaming Solution Center at NAB

April 13, 2009, Cleveland Ohio, USA

Telos Systems, along with Omnia Audio and Axia Audio, will be presenting an extensive Streaming Solution Center at the upcoming NAB Convention in Las Vegas, April 20-23, in booth N7620.

The Streaming Solution Center will feature a number of T/O/A products that process, encode, transport, and condition audio for streaming. Broadcasting professionals will be able to experience these products first-hand through a number of interactive demonstration kiosks and presentations. Products include:

Omnia ONE Multicast, Omnia's new second generation audio processor for coded audio, featuring the exclusive *SENSUS* audio conditioning technology, a unique way of processing your audio to pre-condition it for HD Radio multicasting, specifically tailoring it for the bitrate that you will be using. Featuring a wideband gain rider followed by Four Bands of AGC, Four Bands of limiting, and Omnia's proven low-distortion look-ahead Final Limiter.

Omnia A/XE-Processed Audio Encoding for Windows, the software solution that combines the power and elegance of Omnia processing with advanced encoding capability. It encodes directly to MP3 or AAC, feeds a variety of streaming servers, and works with existing encoders and other software applications. Omnia A/XE features adjustable wideband AGC with a three-band compressor/limiter, EQ and low-pass filter, and a precision look-ahead final limiter to prevent clipping.

The **Telos iPort** houses eight stereo MPEG codecs in a single 2RU box, capable of either 8 bi-directional or 16 encode-only channels, to be used over QoS-controlled IP services. It uses state-of-the-art MPEG codec technology to conserve network bandwidth, while preserving high audio quality. A range of codec types and bitrates are supported. The iPort is Livewire ready. With an appropriate server, the iPort can be used for Internet streaming, broadcasting to mobile phones, and audio distribution systems .

The **Omnia 8X** provides the power of eight discrete three-band stereo Omnia audio processors in a single, networked box. Omnia 8x's unique processing architecture works ahead of any bit reduced audio coder to reduce artifacts and improve the sound of audio destined for HD Radio, Internet and satellite broadcasting. All this with the same simple one-RJ-45 connection advantage that the iPort offers.

The **Zephyr Xstream** transceiver is specially designed for use with a single ISDN line or other low-bitrate transmission paths including QoS Guaranteed IP networks. Two-channel flexibility over a single ISDN circuit, or two synchronous links, can be used to transmit and receive 20kHz stereo audio to and from a single location, or two mono channels to and from separate locations. IP streaming is possible with both MP3 and AAC, with AAC incorporating error concealment. The Zephyr Xstream is the perfect solution for transmitting audio from remote facilities to a central location for streaming or distribution.

Stop by and see the Streaming Solution Center at NAB in booth N7620. For media information, contact Angi Roberson at angi@telos-systems.com, or call +1-216-241-7225.

Telos Systems, headquartered in Cleveland, Ohio with offices in Europe, is a leading manufacturer of ISDN, coded audio and telephone interface products for talk-shows, teleconferencing, audio production, remote broadcasts, and intercom applications.
www.telos-systems.com

Omnia, a Telos company, is world-renowned for its digital audio signal processing expertise. Omnia audio processors for FM, AM, TV, HD Radio & DAB, Internet, and audio production are setting new standards for professional audio quality. www.omniaaudio.com.

Axia, a Telos company, builds Ethernet-based professional IP-Audio products for broadcast, sound-reinforcement and commercial audio applications. Along with the popular Element and SmartSurface control surfaces for on-air, commercial production, audio workstations and personal studios. Axia products include digital audio routers, DSP mixers and processors, and software for configuring, managing and interfacing networked audio systems. www.AxiaAudio.com