



RAVENNA



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WorldCast Systems signs RAVENNA Partnership @ IBC 2013

As IBC 2013 opened its gates, renowned codec manufacturer WorldCast Systems signed up for RAVENNA partnership.

WorldCast Systems, and specifically its audio codec division, APT, well-known for their world-class IP codecs and one of the heavy-weight companies engaged in the field of IP-based signal distribution, has decided to support the RAVENNA IP-based real-time media networking technology.

Nicolas Boulay, CTO, WorldCast Systems: *“Based on our market knowledge we believe that RAVENNA has significant potential to become the audio standard not only for in-house audio distribution but also for transmitting audio over wide area networks. RAVENNA’s ability to provide multi-channel audio on a single network connection combined with its real-time capabilities and inherent time synchronization is of great interest to us as a manufacturer of multi-channel AoIP codecs.”*

Andreas Hildebrand, Senior Product Manager of ALC NetworkX, complements: *“We are pleased to see WorldCast Systems, one of the most renowned manufacturers of ACIP-compatible codec devices, joining the RAVENNA group. The massive interest of companies providing ACIP-compatible codec products just comes naturally as both protocols are based on IP using similar transport techniques. While RAVENNA is designed for synchronized, uncompressed and thus fully bit-transparent signal transport with emphasis on lowest latencies in demanding applications environments, ACIP devices can cover the domain of content transport under unreliable network conditions like the Internet. Thus, RAVENNA and ACIP devices complement each other by expanding the reach of IP-based media transport from in-house to any destination in the world, and WorldCast Systems devices will provide perfect bridging between both domains.”*

About WorldCast Systems:

WorldCast Systems is a world-class provider of innovative solutions to the international broadcast market. Encompassing the industry-leading brands of APT, Ecreso & Audemat, WorldCast Systems offers a wide range of reliable, innovative and high performing products for the studio site, transmitter site and the coverage area.

Product lines include: highly reliable and efficient FM Transmitters, audio codecs for IP, E1/T1, ISDN and leased line, world-class RDS encoders, digital audio processors, high precision test equipment for FM, GPS field strength meters for HD, FM, and DVB



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with built-in modulation monitors; RF monitoring equipment; and extensive remote facility management for broadcast.

WorldCast Systems' focus on innovation has ensured that group products have been selected for over 17 prestigious awards at the NAB Show.

About RAVENNA:

RAVENNA is a technology for real-time distribution of audio and other media content in IP-based network environments. Utilizing standardized network protocols and technologies, RAVENNA can operate on existing network infrastructures. RAVENNA is designed to meet the strict requirements of the pro audio market featuring low latency, full signal transparency and high reliability.

While primarily targeting the professional broadcast market, RAVENNA is also suitable for deployment in other pro audio market segments like live sound, install market and recording. Possible fields of application include (but are not limited to) in-house signal distribution in broadcasting houses, theaters, concert halls and other fixed installations, flexible setups at venues and live events, OB van support, inter-facility links across WAN connections and in production & recording applications.

Unlike most other existing networking solutions, RAVENNA is an open technology standard without a proprietary licensing policy. RAVENNA is fully compatible with the upcoming AES67 standard on *High-performance Streaming Audio-over-IP Interoperability*.

About ALC NetworX GmbH:

ALC NetworX is an R&D company in Munich, Germany. A team of experts with excellent reputation from the Pro Audio industry and in-depth knowledge in networking technologies has been assembled to develop the RAVENNA technology platform. While ALC NetworX will continue to keep the lead role in the RAVENNA technology development, product implementations will be executed by individual partner companies. Current partner companies include AEQ, AETA, arkona, Axia, Digigram, Dimetis, DirectOut, DSA Volgmann, Genelec, Infomedia, Lawo, Linear Acoustic, LSB, Merging, MTS, Neumann, Omnia, Qbit, Schoeps, SCISYS, Sonifex, Sound4 and Telos. Interested manufacturers are welcome to join the RAVENNA partner community.



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