



RAVENNA



Press Release - for immediate distribution

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Meinberg to support RAVENNA

As the doors are about to open on IBC 2014, German high-precision timing equipment manufacturer Meinberg has announced its support of the RAVENNA real-time media networking technology. The announcement comes just days after the news that OMICRON Lab and ARG have also joined the RAVENNA community.

Meinberg, a world-wide leading provider of high-precision timing solutions, has recently introduced its new IMS line, a versatile and highly configurable precision timing and frequency platform. Available as 1U or 3U units, the IMS devices offer various plug-in modules to suit individual needs. Of specific interest for professional applications is the possibility to combine GPS-referenced time distribution through IEEE1588 (PTP) and programmable studio-quality master clock generation such as AES Word Clock or video GenLock (BlackBurst etc.) in one device.

“RAVENNA is a perfect example of an open standard that is clearly designed to help the industry to design products that are firmly oriented towards the requirements of end-users,” stated Heiko Gerstung, Managing Director of Meinberg. “RAVENNA’s openness and utilization of modern, innovative technology and concepts matches our own ideas of how standards should be designed, so we are delighted to be a part of it now. Our support of RAVENNA underlines Meinberg’s commitment to deliver high-end synchronization solutions to a large variety of markets. Our new IMS platform with the LANTIME M3000 time server is a perfect fit, particularly for professional audio applications. It offers a scalable and future-proof solution for applications which require both various dedicated legacy timing signals, like a word clock signal, and modern IP-based synchronization protocols, like IEEE1588.”

Andreas Hildebrand, Senior Product Manager of ALC NetworX, adds: *“We are pleased to see the growing interest in RAVENNA from companies providing secondary or infrastructure gear necessary to operate a RAVENNA real-time media network with utmost precision. Meinberg, in particular, who are not simply known for their reliable, ultra-high precision timing devices engineered in Germany, but also for being a main contributor to the ongoing IEEE1588 standardization activities, is a very valuable partner for the RAVENNA community. Here at ACL NetworX, we have relied on the service of a Meinberg LANTIME M600 in our R&D labs for years now, and it has always served us extremely well. We are delighted to see the announcement of the new IMS platform, providing ultra-versatile configuration possibilities, including the option of combining high-precision media clock generation and PTP time distribution within one device.”*

The M3000 will be on display at the RAVENNA booth in the foyer of Hall 8 (#8F57).



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About Meinberg

Meinberg Funkuhren GmbH & Co. KG is a modern electronics manufacturer located in Bad Pyrmont, Germany. Meinberg offers leading edge synchronization solutions, including high end PTP and NTP timeserver products, GPS and GLONASS receivers, DCF77/WWVB/MSF receivers, IRIG/AFNOR timecode generators/readers and a large variety of accessories like antennas, diplexers, converters and signal distribution systems.

The Meinberg IEEE 1588 grandmaster clocks and NTP timeserver appliances are well known for their innovative feature set, their flexibility and reliability, making them one of the leading network time synchronization solutions available today.

Meinberg products are deployed all over the world and deliver synchronization for mission critical applications in power grid/substation automation, digital broadcasting, telecommunication networks, aviation and space and the labs of world class research organizations.

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 recently published AES67-2013 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, Archwave, arkona, Axia, Digigram, Dimetis, DirectOut, DSA Volgmann, GatesAir, Genelec,



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Infomedia, Lawo, Linear Acoustic, LSB, Merging, MTS, Neumann, Omnia, Qbit, Schoeps, SCISYS, Sennheiser, Sonifex, Sound4, Telos and WorldCast systems.

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