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RAVENNA partners with Eon Art for high fidelity audio transport

ALC NetworX, developer of the *Technology & Engineering Emmy® Award*-winning RAVENNA technology, is pleased to welcome Canadian audio electronic experts, Eon Art, to the RAVENNA community.

Based in Chandler, Quebec, Eon Art specializes in the design and manufacture of ultra high-end, high-fidelity audio electronics, and more recently – since the acquisition of VENUS Acoustic in 2017 – high-end hi-fi loudspeakers. The company also offers laboratory services for the audio industry and boasts the largest audio electronics lab in Canada. With a limited production run every year, Eon Art's state-of-the-art products are highly sought after by audiophiles worldwide.

According to Eon Art founder, CEO and chief electronic designer, Stéphane Hautcoeur, joining the RAVENNA community is a logical step. "Our Tachyon digital audio converter (DAC) is a concentrate of the highest musical technology that offers fifteen independent power supplies, a dual conversion circuit, and eight microprocessors in a single box and an architecture featuring extremely short signal tracks based on rare, eight-layer double copper thickness circuit boards. It is therefore only natural that we use the RAVENNA protocol for the Tachyon Ethernet AES67-compatible network-based digital input, as RAVENNA is the unsurpassed state-of-the-art, standards-based audio transport technology offering highest resolution and precision. Anything else would simply not be compatible with our own standards."

 "Our DAC also features ultra high-end audio capacitors from Duelund and other exceptional brands, as well as a unique, easily interchangeable printed circuit board for periodic replacement of chemical capacitors. It supports analog inputs and other standard digital audio input such as Spdif, AES/EBU, USB for high end audio, and Bluetooth for functionality."

Andreas Hildebrand, RAVENNA Evangelist at ALC NetworX, is pleased to welcome Eon Art on board: "I am delighted that Eon Art has chosen RAVENNA as their network-based audio distribution technology via the ZMAN OEM module from Merging Technologies. It is testament to the fact that when only the highest audio quality will suffice, the choice for audio transport has to be RAVENNA."

Eon Art Tachyon DAC: https://www.eon-art.com/tachyon-dac-details

RAVENNA: https://www.ravenna-network.com/

ENDS

About Eon Art:

Eon Art is a Canadian manufacturer of high end amplifiers, converters and loudspeakers. The company, led by M. Stéphane Hautcoeur, was the very first to modernize and formalize research and development methods for audio electronics using a process of complete optimization by scientific supercomputers for circuit design.

Eon Art has a philosophy of being technology-agnostic and simply using the best technology available for every stage of a product. The aim is to remain true to the signal and not to inject any sonic traits of their own. And finally, they aim to make reliable, environmentally friendly products that will last fifty years or longer.

Eon Art has been delivering OEM engineering and production services since 2008. In 2017 they merged with VENUS Acoustic, a speaker manufacturer that has a history dating back to the early 2000s designing and assembling loudspeakers that were exported to France, Spain, Germany and the Caribbean, with design patents. A milestone was reached in 2019 with the launch of their Quark amplifier, which is one of the best in the world according to journalists and users.

Eon Art Canada will soon launch in collaboration with Ocean Marine, the first real marine ultra high end sound system for superyachts. The company also has a partnership with Oracle Audio Technologies, who manufacture the casings for their electronics. They have recently announced new partnerships with Merging Technologies, whom they selected for the design of the Ethernet digital input stage circuit of their ultra high-end Tachyon DAC, and with ALC NetworX as developers of the high performance AoIP transport technology.

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, fixed installations, 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 production & recording applications.

Unlike most other existing networking solutions, RAVENNA is an open technology standard with no proprietary licensing policy. RAVENNA is fully compatible with the AES67 and ST2110 standards. Liaisons with standards organizations and industry alliances (e.g. AES, AIMS, AMWA, SMPTE and others) ensure the close alignment of RAVENNA technology with current industry trends.

About ALC NetworX GmbH:

ALC NetworX is an R&D company in Munich, Germany, whose team of highly regarded pro audio experts with in-depth knowledge of networking technologies developed the RAVENNA technology platform. While ALC NetworX will continue to keep the lead role in the RAVENNA technology development, product implementations are executed by individual partner companies, such as Archwave, DirectOut, Genelec, Lawo, Merging, Riedel, Ross Video and many others. For a complete list of current partner companies, please see http://www.ravenna-network.com/partners/.

Contact information:

ALC NetworX GmbH   Eon Art Canada Inc.
Am Loferfeld 58   79 Commerciale Ouest
81249 Munich   Chandler, Canada
Germany   G0C 1K0

Phone: +49 (89) 44236777-0   Phone: +1 (418) 360 4332
Email: ravenna(at)alcnetworx.de   Email: info@eon-art.com
Url: ravenna-network.com   Url: www.eon-art.com