

Celebration for RAVENNA and AES67 at IBC 2023



RAVENNA, a low-latency AoIP technology to date, celebrates its 13th anniversary at IBC 2023. This year, RAVENNA shares the festivities with another networking heavyweight; first published at IBC 2013, the AES67 Standard for High-Performance Audio over IP Interoperability marks its 10th anniversary at IBC 2023. Inherently compatible with AES67, RAVENNA therefore became the world's first fully AES67-compliant AoIP technology. Since then, all existing AoIP solutions – including Livewire, QLAN, Dante, Wheatnet and others - have adopted AES67 as an operational mode or profile, allowing some 2000+ products to interoperate. A series of successful plugfests were held across Europe and the US to prove that AES67 has a sound foundation and achieves its goal: interoperability amongst equipment from a wide range of manufacturers.

AES67 also forms the basis for the suite of SMPTE ST 2110 standards for Transport of Professional Media over Managed IP Networks. ST 2110-30 describes the transport of linear PCM audio and builds directly on AES67. For ST2110-31 (Transport of AES3 Audio), SMPTE decided to adopt the existing RAVENNA AM821 definition, making RAVENNA the most suitable technology both for building AES67-enabled products and systems and implementing SMPTE ST 2110 into devices. Beyond the mandatory requirements defined in AES67 and ST 2110, RAVENNA offers a wider choice of formatting options, more flexibility for any size of applications and as well as superior performance options for the most demanding requirements of professional broadcast productions.

AES67 has seen two revisions – the latest being published in 2018. The AES67 Task Group continues its work on maintaining AES67 and is looking forward to publishing the third revision of AES67 towards the end of 2023. With the RAVENNA team participating in the work groups of various standardization organizations, adopters can be assured that RAVENNA is always aligned with current and emerging standards requirements.

Double celebration for RAVENNA and AES67 at IBC 2023

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The RAVENNA team can be found in (almost) their usual spot at the forthcoming IBC on stand 8.F57 where they'll be demonstrating AES67 interoperability and showcasing a number of new AES67- and ST 2110-enabled products from various RAVENNA partners.

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