



IEEE Publishes First Audio Video Bridging (AVB) Standard

BEAVERTON, Ore., January 19, 2010 – The AVnu Alliance™ is pleased to announce that the IEEE has ratified and published IEEE 802.1Qav, the first of the core Audio/Video Bridging (AVB) standards. IEEE 802.1Qav defines forwarding and queuing for time sensitive streams and is part of a suite of standards developed by the IEEE 802.1 AVB task group. AVnu Alliance, a group of industry leading companies dedicated to promoting the emerging AVB networking standards across a broad range of markets including automotive, consumer electronics, and professional A/V, commend the IEEE 802.1 AVB Task Group for their hard work.

“We are pleased by the progress of the IEEE in completing the first of the foundational AVB standards” states Rick Kreifeldt, AVnu Alliance chairman and president. “With IEEE 802.1Qav published and two additional standards nearing completion, AVnu has the confidence to move quickly in developing our AVB compliance and interoperability programs which are vital for widespread commercial adoption.”

“The approval of IEEE 802.1Qav as a full standard is a major milestone in the development of interoperable time-sensitive networks, as it is the first time the core technology of Ethernet switches and network bridges has specific methods defined for traffic shaping. This allows an IEEE 802 network to provide assured (and low) delays for streaming data with minimal dropped packets,” states Michael Johas Teener, Chair of the IEEE AVB Task Group. “When combined with the almost-finished 802.1Qat Stream Reservation Protocol,” continues Teener, “IEEE 802.1Qav will be the fundamental toolkit to provide the kind of virtual plumbing needed for professional-quality audio/video networking.”

Tony Jeffree, IEEE 802.1 Chair, further comments “The approval of IEEE Std 802.1Qav marks a significant milestone as it is the first of four 802.1 standards under development in IEEE 802 that support audio and video applications over local area networking technologies.”

About AVnu Alliance

AVnu Alliance is an industry forum dedicated to the advancement of professional-quality audio video by promoting the adoption of the IEEE 802.1 Audio/Video Bridging (AVB) standards over various networking link-layers. The organization creates compliance test procedures and processes that ensure AVB interoperability of networked A/V devices, helping to provide the highest quality streaming A/V experience. The Alliance promotes awareness of the benefits of AVB technologies and intends to collaborate with other organizations and entities to make use of this work in their respective efforts to provide a better end-user A/V experience.

The Alliance is focused on applications of these technologies in the automotive, consumer electronics and professional A/V markets. More information can be found on the AVnu Alliance Web site at www.AVnu.org.

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