

An AVnu-Certified Audio Endpoint

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XMOS and the AVnu Alliance announce the first AVnu-certified Audio Video Bridging (AVB) audio endpoint reference platform-- and since the software-defined solution passed all certification tests, it carries an AVnu logo.



According to XMOS the AVB hardware and software platform is affordable, scaleable and production-ready, allowing customers to quickly build a AVB-enabled products ranging from single speakers and microphones to multichannel mixing desks and multi-port conferencing systems.

“AVnu certification reinforces XMOS’s leading position in the audio market, adding AVB standards-based networked audio connectivity to our already established USB Audio 2.0 solutions,” the company says. “AVB standards have huge benefits for our customers-- by selecting XMOS our customers can add the enhanced functionality that AVB provides and through software development quickly create a portfolio of AVB enabled products.”

The AVB functionality of the XMOS platform is software-defined, running on the company's multicore microcontroller semiconductor devices, meaning customers can create the exact required feature set in their products. It enables transport of A/V streams across mixed-use networks, can be used for multi-standard systems handling a variety of data types, and interfaces with legacy systems such as CANbus in the automotive and industrial markets.

AVnu certification is open for switches and audio products at the alliance's testing house, University of New Hampshire InterOperability Lab (UNH-IOL).

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