



PRESS RELEASE

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Avnu Alliance Releases New Wireless TSN White Paper

The new Wireless TSN Working Group aims to raise awareness and generate work within Avnu to address extending TSN capabilities to wireless; New white paper offers technical insight and projected roadmap.

Beaverton, OR — April 1, 2020 – [Avnu Alliance](#), the industry consortium driving open, standards-based deterministic networking, today announce the availability of a new white paper addressing wireless Time Sensitive Networking (TSN) and the creation of an Avnu working group to support further work on extending TSN capabilities to wireless.

Recent advances in 5G and IEEE 802.11 wireless connectivity technologies in providing low-latency and high reliability communications have generated significant industry interest in extending TSN capabilities over wireless. As TSN-enabled devices and networks continue to be deployed across a broad range of market verticals – industrial and robotics, and pro AV, for example, enabling extensions of similar capabilities over wireless is a natural next step. The workgroup discussions have highlighted that it is important to start discussions on topics such as consistent interoperability testing, certification efforts and other ecosystem needs that will need to be addressed to provide time sensitive network services across physical layers and fit to industries. As in the past, Avnu will look to cooperate with multiple standards bodies and other alliances to enable this.

The recently-formed Working Group developed a new white paper available today titled *Wireless TSN – Definitions, Use Cases & Standards Roadmap*.

The white paper includes examination of existing standards, the potential standards gaps that must be addressed before widespread Wireless TSN implementation, potential use-cases of wireless TSN in different environments and markets, and an overview of the work needed within Avnu and industry to enable TSN capabilities across wireless and wired networks in the future.

Early members of the working group and authors of the white paper include representatives from Intel, Keysight Technologies, General Electric, and professional AV manufacturer, L-Acoustics.

The white paper is now available for download via the Avnu website at: <https://avnu.org/wireless-tsn-paper/>.

To learn more about Avnu Alliance, visit www.avnu.org.

About Avnu Alliance

Avnu Alliance is a community creating an interoperable ecosystem of low-latency, time-synchronized, highly reliable networked devices using open standards. Avnu creates comprehensive certification programs to ensure interoperability of networked devices. The foundational technology enables deterministic synchronized networking based on IEEE Audio Video Bridging (AVB) / Time Sensitive Networking (TSN) base standards. The Alliance, in conjunction with other complimentary standards bodies and alliances, provides a united network foundation for use in professional AV, automotive, industrial control and consumer segments.

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