



# Avnu Alliance Hosts Automotive TSN Workshop in Japan

KYOTO, JAPAN, July 10, 2018 /EINPresswire.com/ -- Kyoto, Japan — July 10, 2018 – Members of the Avnu Alliance, the industry consortium driving open, standards-based deterministic networking, participated in the annual [Nikkei Automotive Ethernet Seminar](#) in Japan, June 25 to 26. The Alliance, in partnership with Nikkei BP and Allion JP Testing, co-located its ongoing [Automotive Workshop and Seminar](#) to bring industry partners and leading manufacturers together to address Time Sensitive Networking (TSN) advancement and innovation in the automotive industry. Avnu, along with liaison consortium [JasPar](#), hosted the Automotive TSN seminar and workshop, the first in the series to take place in Asia.

Avnu Alliance is committed to the IEEE TSN 802.1AS standard and its interoperable foundation for automotive applications. Growing participation in industry events helps to further adoption, understanding, as well as technical insight and development. Avnu Alliance has already hosted three similar workshops that have proven to be popular at industry events and serve as a means to gather feedback from leaders in the automotive market, including OEMs and Tier 1 and 2 suppliers, and to assess necessary requirements for the industry.

The latest workshop debuted in Japan in response to growing advancements in autonomous vehicles and increased automotive connectivity, with key topics including "Connected Car Validation and Interoperability Program." Automotive manufacturers and Avnu members BMW, Cisco, National Instruments, NXP Semiconductors, and other industry leaders discussed market requirements for TSN, technical details of the standards, industry problems that TSN could solve, where TSN is being used, and real-world use cases that benefit from the standard. The workshop focused on the needs of Asian automakers as they relate to TSN standards, testing, compliance and certification.

"The value of our Automotive TSN workshops is that Avnu brings together like-minded companies from across the entire automotive industry, from silicon providers and suppliers to OEMs, to sit at the same table and share feedback on the necessary requirements and industry direction to advance the future of connected cars and autonomous vehicles. Through collaborative discussion we can better determine the network needs for the whole supply chain, including the Alliance, as a critical next step to driving automotive TSN forward," said Gary Stuebing, Avnu Alliance president.

Avnu Alliance also participated in several panels and presentations during the official Nikkei Automotive Seminar. Avnu Alliance President Gary Stuebing addressed attendees with a report on the current automotive Ethernet landscape, an update of Avnu Alliance's activities regarding TSN development, and a status update on TSN test plans for the automotive industry. Member company NXP Semiconductors also explored TSN standards and how they relate to automotive requirements, providing examples of real-world applications. Avnu members BMW, Hyundai, Marvell Semiconductor and Spirent Technologies also participated in panels and presentations during the event.

Industry feedback garnered from the Avnu Alliance Automotive Time Sensitive Networking Seminar and Workshop will be applied to the further development of the TSN standard, testing and tools, and report-outs of the workshop's results will be discussed and shared at upcoming workshop events.

To learn more about Avnu Alliance, visit [www.avnu.org](http://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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