

TSN Standards Compliance and Interoperability with Avnu Component Certification Program

Avnu Alliance

Mixed Criticality Converged Networks

Pro AV, Automotive, and IIOT Industries are all moving beyond single function networks to realize the benefits of a converged network based on TSN Standards where different types of traffic coexist. Conformance with TSN Standards is key to ensure interoperability of devices. Avnu's new Component Certification program certifies conformance with IEEE defined TSN Standards so that all devices and networks Just Work.

Converged Networking Benefits



Cycle of Innovation

Interoperability at the silicon level gives TSN the flexibility for technological advancements from one market to cross-pollinate to others



Scalability and Flexibility

Ability to choose from diverse TSN feature toolsets to design products that meet market demands.



Economies of Scale/Value Chain Ecosystem

Lower development costs and larger selection of off-the-shelf devices throughout the entire value chain.



Interoperability by Design & Cost-Savings

Network flexibility that reduces the need for redundant infrastructure and specialized staff skill sets

Avnu's Tool Box

Test Plans

- Written by Vendors and Developers from Multiple Markets
- Rigorously Tested
- Verified and Validated

Test Tools

- Multiple Suppliers
- Cost Friendly Options
- Multiple Benefits - Debug Products

PlugFests

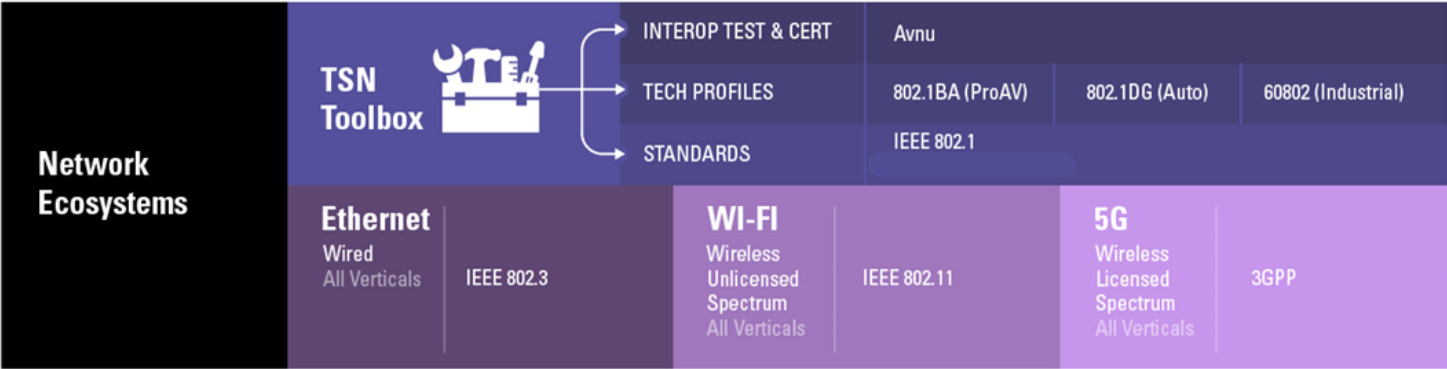
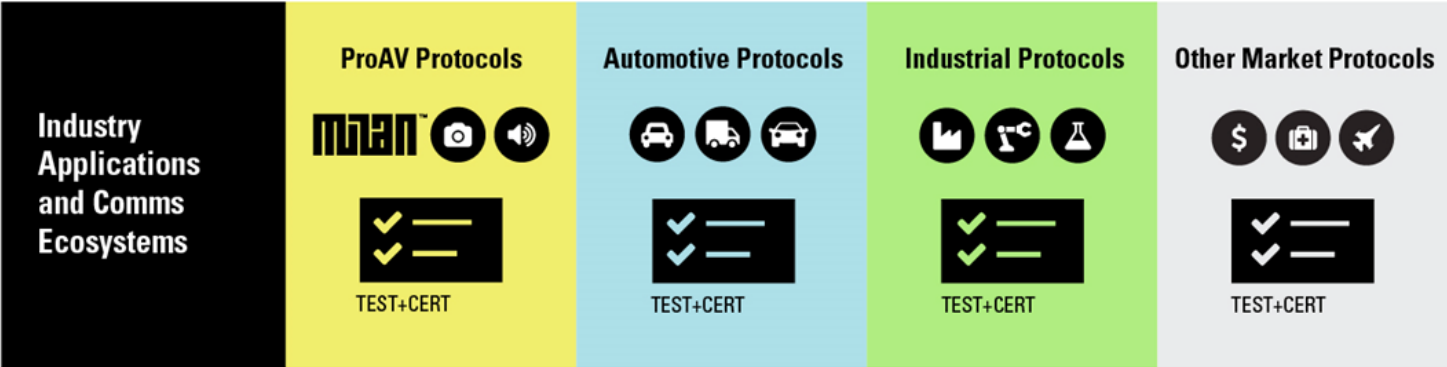
- Network with Subject Matter Experts
- Access to Test Tools
- Interoperability Testing

Certification Certificate

- Receive Certificate of Conformance
- Permission to use the Certification Logo
- Look for the Certification Logo:



Avnu Alliance brings together all perspectives in the value chain, from infrastructure providers to silicon and component vendors to end device manufacturers. Members collaborate to create the current and future TSN Conformance requirements, interoperability testing, and Certification programs for converged networks, ensuring devices from many manufacturers and diverse applications can coexist on a shared open network for the benefit of the industry.



Join the Effort

Avnu has created a framework that allows like-minded companies to collaborate and interface on neutral ground with other protocols and organizations leveraging the TSN ecosystem. Silicon and component vendors, network infrastructure providers, end device manufacturers, and software companies are invited to join Avnu to tap into the community investment and collaborative opportunities available within Avnu, setting the stage for a new chapter of industry-wide advancement and evolution

Look for Avnu’s Certification Logo:



Learn more about Avnu Alliance at www.avnu.org