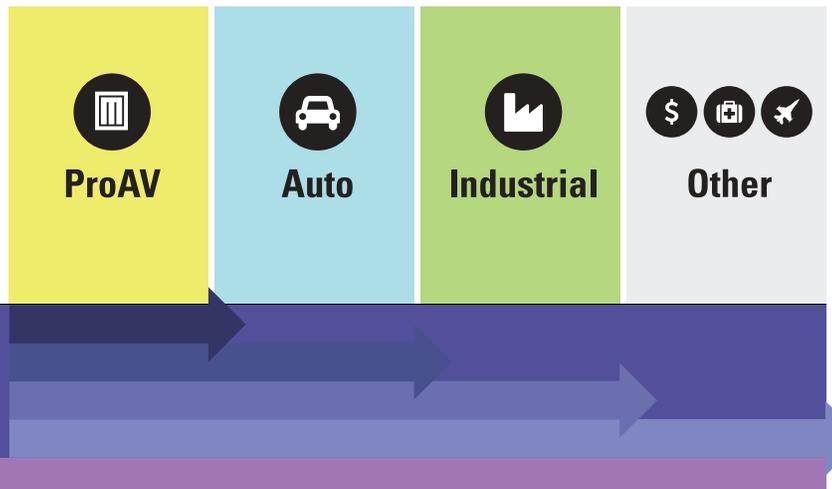# Advancing Network Interoperability and Manageability for Converged Networks

Converged networks allow different classes of data to coexist on the same physical network, across wired and wireless mediums. By enabling management of multiple traffic types on the same wire, infrastructure can be more efficiently utilized and network engineering and management is streamlined.

Pro AV, Automotive, and IIoT industries are all moving beyond single function networks to realize the benefits of a converged network foundation with coexistence of both different traffic types and devices in order for the exchange of real time audio, video and control as well management, telemetry and general IT information, all managed in a secure manner by IT, OT and AV technicians.

Avnu Alliance® is a community for knowledge sharing and collaboration, enabling all industries and value chain suppliers to benefit from the learning that has taken place in other markets. Avnu provides the tools and testing to enable a converged network foundation for use in professional AV, automotive, industrial control, and other market segments.
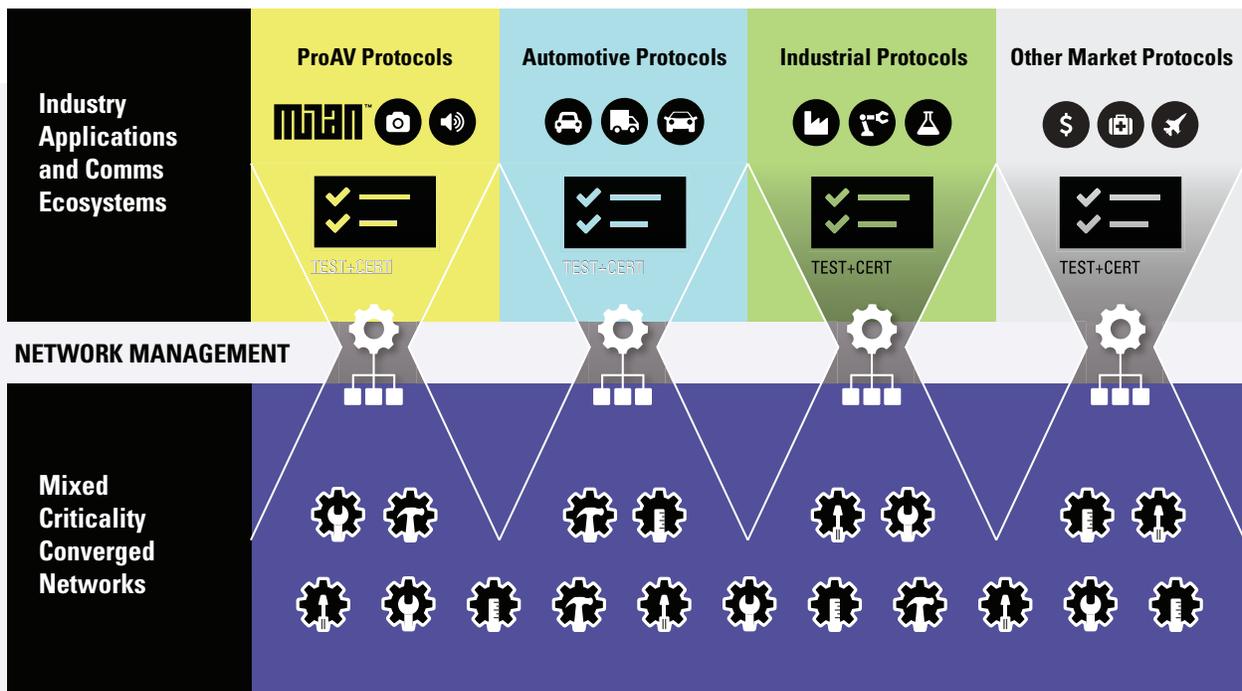
ProAV   **Auto**   **Industrial**   **Other**

Mixed Criticality Converged Networks

Ethernet, WiFi, 5G

Benefits of One TSN.

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

Scalability & Flexibility
Ability to choose from diverse TSN feature toolset 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

Why Join Avnu Alliance

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 requirements for converged networks, ensuring devices from many manufacturers and for diverse applications can coexist on a shared open network for the benefit of the industry.

Avnu works to ensure that all industries have access to the complete TSN toolbox. Members gain access to test plans, open-source code, plugfests, test tools and Certification programs to speed innovation and design iteration. Avnu's testing and certification processes increase end user confidence and enable interoperable systems.

Join The Effort

Avnu provides the infrastructure to allow like-minded companies to collaborate and interface with other protocols and organizations utilizing the TSN ecosystem. Silicon vendors, network infrastructure providers, and device manufacturers can join Avnu Alliance® to leverage the community investment and collaboration within Avnu.

Learn more about Avnu Alliance at www.avnu.org