

Reliable Synchronized Networking

Networks are converging, becoming shared across a wide variety of applications. Manufacturers should join Avnu Alliance to be part of a **broad community spanning markets and technologies** to learn how TSN is applied in other verticals and ensure that their solution, and the technology it's built upon, will deliver the network that customers demand.

Avnu Alliance provides certification for conformance and interoperability of TSN and related standards, giving vendors a more streamlined vehicle for participation in this ecosystem and **unlocking a faster path to new business opportunities to meet customer needs.**

With IIoT, there is a strong reliance on open standards to enable **secure, predictable, reliable, and uninterrupted flow of information from sensor to cloud.** Avnu members influence and shape the evolving standards; thus enabling them to deliver the value of TSN for customers and instill confidence in the stability of the technology.

Find out more about joining Avnu at www.avnu.org/becomeamember



Join Avnu to access:

- *A legal framework to allow competitors to collaborate, meaning you can leverage the community investment within Avnu and gain access to an ecosystem of interoperable devices and subsystems*
- *Technology suppliers, open-source code, standard APIs and architectural models - simplifying the path to development with ease of design and faster, cost-effective, time-to-market*
- *Member-only plugfests to test edge cases and expedite interoperability testing, garner feedback on roadmaps and participate in testbeds*
- *Leading test tool vendors to ready your product for certification and access other tests*
- *Avnu marketing tools, end-user education modules, modeling and training material available for use*
- *Detailed certification tests*

Communicate with other organizations to influence activities and certification Avnu collaborates with protocol and standards organizations such as:

- IEEE
- IIC
- IEC
- IETF
- ODVA
- OPC
- And more

If you are an organization that would like to collaborate with Avnu and its members, contact admin@avnu.org

Avnu Alliance: Converging IoT Networks

Time Sensitive Networking (TSN) is a core component of deterministic communication being driven by investments across a wide range of markets. Avnu Alliance defines interoperability tailored to each market, giving members and other protocol organizations a common foundation on which to build their deterministic network solutions.



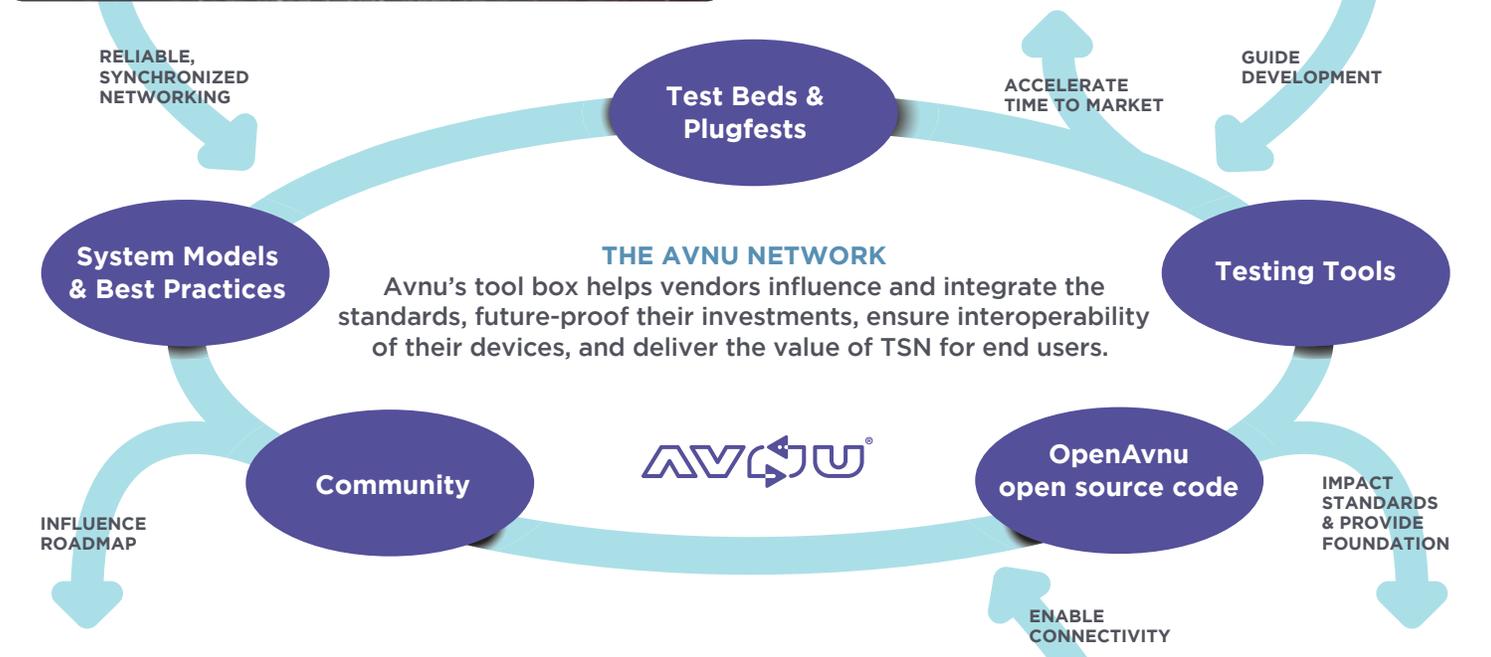
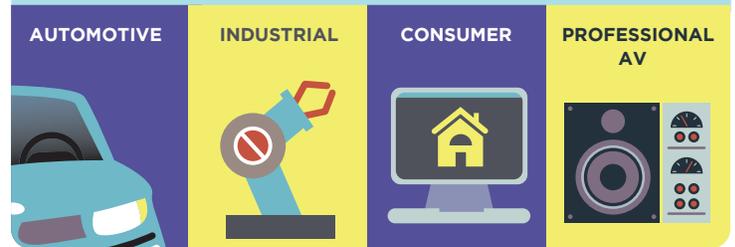
AVNU CERTIFICATION Avnu provides certification for conformance and interoperability of TSN and related standards, enabling an interoperable ecosystem of devices.

TSN Business Value

TSN uses standard Ethernet to support highly reliable, secure and precise synchronized networking with guaranteed latency for data delivery. Limiting network complexity and saving operating costs, Avnu-certified TSN enables an interoperable ecosystem to easily create next generation networks.

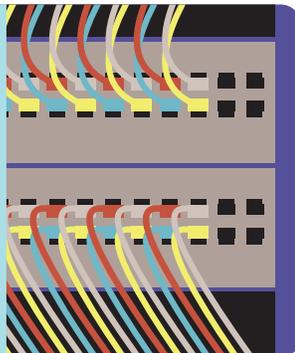
Cross-Industry Investment within Avnu

Early integration of TSN gives manufacturers a competitive advantage. Members come to Avnu to collaborate with experts and benefit from collective multi-industry experience to expedite advanced networking implementations.



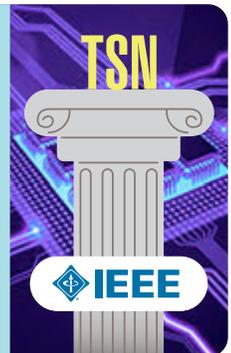
Silicon Vendors

Infrastructure and silicon vendors are members of Avnu Alliance, developing their roadmap to meet both current and future requirements for interoperability, ensuring end devices and controllers coexist in a heterogeneous environment.



Collaboration with alliances, protocol organizations and standards bodies

Avnu Alliance collaborates with groups such as IEEE and IETF, who publish the base open standards. Avnu defines interoperability allowing other protocol organizations to provide their own certification on top of Avnu.



Customers will expect and require certified TSN systems. Avnu is synonymous with TSN certification. Don't wait, join Avnu now. Learn more about membership today at avnu.org/becomeamember.

