

University of New Hampshire InterOperability Laboratory



# Testing & Certification for IEEE 802.1 TSN's

The Avnu Certification Test Service focuses on testing and certifying IEEE 802.1 Time Sensitive Networks (AKA: Audio-Video Bridging) with members and industry in such a way that diverse systems and organizations have the opportunity to work together.



#### **Certification Testing Services:**

- Bridges
- Pro AV Endstations
- Co-existing Endstations
- Automotive ECUs
- Automotive Bridges
- gPTP GrandMaster

### **Avnu Alliance**

We are a member of the Avnu Alliance and serve as its recognized test certification facility. Working in concert with the interests of the Avnu Alliance, our staff has developed test plans and tools which can be utilized by Avnu members for certification, conformance and interoperability test purposes. The Avnu Alliance defines certification and logo requirements of Avnu Alliance products. Interested parties are encouraged to participate in the Avnu Alliance effort (www.avnu.org).

### **In-House Test Tools**

We have developed conformance and interoperability test tools that are available to Industry members to accelerate their readiness for certification testing. (www.iol.unh.edu/solutions/test-tools/avnu)

The majority (>75%) of Avnu certification tests are fully automated, and can be performed on low-cost hardware (eg: Intel i210) Integrate the tool with your in-house test environment with REST automation of tool, and device command and control.

## Learn More Today! <u>www.iol.unh.edu</u>

#### **Key Benefits**

- Increased confidence in your product.
- Save money by reducing time to market.
- Use industry recognized test reports for sales and certifications.
- Access to custom test equipment and software saving you time and money.
- Ability to shape our roadmap to better serve industry needs.
- Ability to test multiple standards against globally recognized products all in one lab.
- Acts as an extension of in-house test labs providing debugging and technical expertise.
- Pay-per-test options available

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