The Industrial Internet Consortium and Avnu Alliance Announce Liaison

NEEDHAM, MA – October 16, 2017 The Industrial Internet Consortium® (IIC), the world's leading organization transforming business and society by accelerating the Industrial Internet of Things (IIoT), and Avnu Alliance (Avnu), a community creating an interoperable ecosystem of low-latency, time-synchronized, highly reliable networked devices using open standards, announced they have agreed to a liaison to work together to advance deployment and interoperability of devices with Time Sensitive Networking (TSN) open standards. Under the agreement, the IIC and Avnu will work together to align efforts to maximize interoperability, portability, security and privacy for the industrial Internet.

Joint activities between the IIC and the Avnu will include:
- Identifying and sharing IIoT best practices
- Realizing interoperability by harmonizing architecture and other elements
- Collaborating on standardization

"Both Avnu and the IIC are well aligned to pursue the advancement of the IIoT. An example of this is Avnu's participation in the IIC TSN testbed where members have an opportunity to try their equipment and software on the testbed infrastructure. This provides the participants with the ability to discover what's working and what is not and provide feedback that helps speed market adoption," said Gary Stuebing, IIC liaison to Avnu. "The lessons learned in our TSN testbed fuel the ability of both of our organizations. TSN could open up critical control applications such as robot control, drive control and vision systems."

"Our liaison agreement and work with the IIC TSN Testbed demonstrates real-world applications and solutions with TSN and helps to accelerate readiness for the market. The testbed stands as a showcase for the value that TSN standards and ecosystem of manufacturing applications and products bring to the market, including the ability for IIoT to incorporate high-performance and latency-sensitive applications," said Todd Walter, Avnu Alliance Industrial Segment Chair. "Our collaboration with IIC and the work coming out of the TSN Testbed is already having a direct impact on suppliers and manufacturers who see the technology as a value add for their system structure."

Avnu and IIC are meeting for a TSN Testbed plugfest later this month to evaluate and trial TSN device conformance tests that are being developed as a baseline certification in the industrial market.

The IIC Liaison Working Group is the gateway for formal relationships with standards and open-source organizations, consortia, alliances, certification and testing bodies and government entities/agencies. The agreement with the Avnu is one of a number of agreements made by the IIC's Liaison Working Group. For a list of current liaisons, click here.

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 tests and 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 complementary standards bodies and alliances, provides a united network foundation for use in professional AV, automotive, industrial control and consumer segments.

About the Industrial Internet Consortium

The Industrial Internet Consortium is the world's leading membership program transforming business and society by accelerating the Industrial Internet of Things (IIoT). The IIC delivers a trustworthy IIoT in which the world's systems and devices are securely connected and controlled to deliver transformational outcomes. The Industrial Internet Consortium is a program of the Object Management Group (OMG). For more information, visit www.iiconsortium.org.

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