Avnu Alliance Welcomes New Member Real-Time Innovations

Real-Time Innovations (RTI), the IIoT connectivity company and DDS Standards Committee chair, joins Avnu Alliance to bring extensive expertise of DDS solutions.

BEAVERTON, OR, UNITED STATES, December 12, 2017 /EINPresswire.com/ -- Avnu Alliance, the industry consortium driving open, standards-based deterministic networking, announces RTI has joined its membership. A leader in the Industrial Internet of Things (IIoT) connectivity space, RTI brings its valuable expertise in data-centric connectivity to the alliance with the goal of interoperable networks for IIoT applications.

In addition to a numb¬¬er of other distinguished consortia, RTI is a chair on the Data Distribution Service (DDS) Standards Committee in the Object Management Group (OMG). RTI has long been a prominent figure in data-centric connectivity and is the primary author of the original DDS specification, a connectivity standard for machine-to-machine and application-to-application data exchanges in IIoT. RTI joins Avnu Alliance with a proposed solution for mapping DDS over Time Sensitive Networking (TSN), an open standard from the IEEE 802 committee. Avnu defines interoperability at the base TSN layer, tailored to each market and tests for conformance to provide a core foundational component of deterministic communication.

"We are committed to improving data-centric connectivity and creating interoperable standardized technology for the IIoT," says David Barnett, Vice President of Products and Markets at RTI. "To further this effort, we have been working on a solution for mapping DDS over TSN with our customers. We look forward to continuing this initiative and formalizing a certification program with Avnu Alliance."

Along with its dedication to DDS, RTI is heavily involved in efforts to standardize connectivity for IIoT applications. This goal distinctly aligns with the central mission of Avnu Alliance, who is devoted to creating an interoperable ecosystem of deterministic synchronized network devices based on open standards.

"Avnu Alliance is eager to welcome RTI into its membership. They have been a leader in the industrial networking space for many years, and their contributions to DDS mapping and the greater IIoT have been vital. The collaboration to bring DDS over TSN will add great value to the industry as Avnu ultimately aims to make TSN an interoperable foundation for any upper layer industrial protocol," says Kevin Stanton, Avnu Alliance Chairman. "The alliance looks forward to both complementing and collaborating their efforts with those of RTI."

If you are interested in joining Avnu Alliance or learning more, please contact administration@AVnu.org.

About Avnu Alliance
The 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 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 complimentary standards bodies and alliances, develops complete solutions in professional AV, automotive, industrial

control and consumer segments.

About RTI
Real-Time Innovations (RTI) is the Industrial Internet of Things (IIoT) connectivity company. The RTI Connext® databus is a software framework that shares information in real time, making applications work together as one, integrated system. It connects across field, fog and cloud. Its reliability, security, performance and scalability are proven in the most demanding industrial systems. Deployed systems include medical devices and imaging; wind, hydro and solar power; autonomous planes, trains and cars; traffic control; Oil and Gas; robotics, ships and defense.

RTI lives at the intersection of functional artificial intelligence and pervasive networkingSM.

RTI is the largest vendor of products based on the Object Management Group (OMG) Data Distribution Service™ (DDS) standard. RTI is privately held and headquartered in Sunnyvale, Calif.

RTI is hiring aggressively; see www.rti.com/careers.

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