
Deterministic Ethernet Forum for Automotive In-Vehicle Networking and Industrial IoT

AVnu Alliance, Cisco and TTTech to Host the Deterministic Ethernet Forum in Vienna

Vienna, Austria, August 27, 2015

AVnu Alliance, Cisco and TTTech to host the [Deterministic Ethernet Forum](#) for automotive in-vehicle networking and the Industrial Internet of Things (IoT), taking place October 23, 2015 in Vienna, Austria. The forum will be an opportunity for leading automotive and industrial companies to discuss and influence the implementation of deterministic Ethernet solutions and related standards.

Deterministic Ethernet is currently a high-profile topic with standards being created within major industry standardization bodies, such as IEEE, that are paving the way for seamless communication within the Industrial Internet and for automotive in-vehicle networking. The mass market adoption of these standards is being supported by semiconductor companies with dedicated silicon solutions. Automotive and transportation markets are already deploying deterministic Ethernet in critical systems like advanced driver assistance systems and high-speed in-vehicle backbones. Time-scheduled deterministic Ethernet standards such as the IEEE standard Time-Sensitive Networking (TSN) are now starting to be adopted for industrial control systems and factory automation.

In order to drive this automotive and industrial network evolution, important industry players – AVnu Alliance, the industry consortium driving open standards deterministic networking through certification; Cisco, the world’s leading networking company; as well as TTTech, the expert in robust networking and safety controls – come together to host the Deterministic Ethernet Forum on October 23 in Vienna’s Schoenbrunn Palace.

“AVnu Alliance regards the Deterministic Ethernet Forum as an important opportunity to bring together users and providers of open standard networking solutions. The event will also help increase adoption of Audio Video Bridging/Time-Sensitive Networking standards (AVB/TSN) in Europe, where initiatives such as Industry 4.0 are searching for true industry standards for real-time interoperable Industrial Internet of Things,” states Gary Stuebing, AVnu Alliance President.

“Time-Sensitive Networks (TSN) enable the convergence of critical control traffic at the heart of OT applications with more common applications such as voice, video and application data. We are excited to participate in the Deterministic Ethernet Forum, working on accelerating an open standard deterministic Ethernet with IEEE,” says Vikas Butaney, Senior Director of Internet of Things Systems and Software group, Cisco.

“TTTech is delighted to host the Deterministic Ethernet Forum together with AVnu Alliance and Cisco. It is now the time to bring the opinion leaders of leading global companies together to drive the evolution of deterministic Ethernet as the backbone of the Internet of Things,” says Georg Kopetz, co-founder and member of the executive board at TTTech.

The Deterministic Ethernet Forum will take place October 23 at the Orangerie of Schoenbrunn Palace in Vienna, Austria, kicking off with a hosted welcome dinner on October 22. Confirmed keynotes at the event include presentations by Altera, Audi, AVnu Alliance, Cisco, Delphi, GE, KUKA, NXP, Renesas and Vestas. Registration to the forum is open now at <https://www.deterministicforum.com/registration/>.

About TTTech Computertechnik AG

TTTech is a global leader in the field of robust networking and safety controls. TTTech solutions improve the safety and reliability of electronic systems in the industrial and transportation sectors, with a portfolio of products that are helping to make the Industrial Internet of Things and autonomous driving a reality.

Thanks to the proven platform-based architecture, TTTech solutions enable simple system integration with shorter time-to-market and significant cost reductions for customers. Beyond this, TTTech solutions support highly scalable and modular open real-time architectures based on Deterministic Ethernet, including the upcoming IEEE TSN and the established SAE Time-Triggered Ethernet standard.

More information about TTTech is available at www.tttech.com.

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.

More about the AVnu Alliance is available at www.avnu.org.

About Cisco

Cisco (NASDAQ: CSCO) is the worldwide leader in IT that helps companies seize the opportunities of tomorrow by proving that amazing things can happen when you connect the previously unconnected. For ongoing news, please go to <http://thenetwork.cisco.com>.

For more information on the Cisco IoT System please visit: cisco.com/go/iotsystem
Connect with Cisco on: [YouTube](#), [Twitter](#), [LinkedIn](#)

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. A listing of Cisco's trademarks can be found at www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company.

Deterministic Ethernet Forum for Automotive In-Vehicle Networking and Industrial IoT

Press Contact

Marco Lehner
Marketing Communications
TTTech Computertechnik AG
Schoenbrunner Straße 1040 Vienna, Austria
Phone: +43 1 585 34 34-473
Fax: +43 1 585 34 34-90
Email: pr@tttech.com

Alexandra Crabb
Caster Communications for AVnu Alliance
Phone: +1-401-792-7080
Email: alex@castercomm.com