



Cooperation with DRIVESEC

6 March 2020

Focusing on cybersecurity standards for vehicle components

Munich. Cybersecurity is a topic with an important role to play in the design and development of automotive control units right from their earliest stages. In this context, TÜV SÜD is now embarking on a far-reaching cooperation with Italian cybersecurity company DRIVESEC. By offering Cybersecurity Assessment for Automotive Components, a service programme developed jointly by TÜV SÜD and DRIVESEC, the experts now support manufacturers of components such as controllers, software and hardware components throughout their design and development cycles. The programme of services aims at ensuring compliance with all relevant standards and regulatory acts right from the start and throughout manufacturing and operation.

"This new cooperation sends out a clear signal in favour of introduction of automated driving in major international markets. It emphasises our leading position as a provider of third-party services for the cybersecurity of connected and automated road vehicles", says Patrick Fruth, CEO of TÜV SÜD's Mobility Division. "We are happy to have found the DRIVESEC experts as the perfect partners for our service programme, Cybersecurity Assessment for Automotive Components", adds Dr. Matthias Wachs, Lead Engineer Cybersecurity & Connectivity at TÜV SÜD and says, "Together, we will provide our customers with comprehensive support that will help them to protect their components."

The Cybersecurity Assessment for Automotive Components programme includes third-party assessment and evaluation of protection levels of control devices and hardware and software components. In their assessment, the experts verify compliance with all relevant security standards, including established standards and standards still under development, but also regulatory acts and guidance documents concerning cybersecurity. In this context, the experts from TÜV SÜD can draw on their extensive experience in international standardisation committees and their participation in current standardisation projects, such as the ISO/SAE 21434 standard on cybersecurity engineering for road vehicles and ISO 24089 for software updates.

Under the programme, the experts from TÜV SÜD and DRIVESEC supply manufacturers with a detailed technical security report which pinpoints the strengths and weaknesses of products and processes and

gives specific recommendations for improving overall security and quality. "The Cybersecurity Assessment for Automotive Components programme rounds off our broad portfolio of services related to cybersecurity for road vehicles", says Patrick Fruth.

Regarding the cooperation, DRIVESEC CEO Dr Giuseppe Faranda Cordella says, "Our cooperation with TÜV SÜD will create powerful synergies. TÜV SÜD's international network and its wealth of experience, particularly in safety and security for connected and automated vehicles and driving functions, are a perfect fit with our broad expertise in the security of hardware and software embedded into automotive components, such as E/E components."

The Italian cybersecurity company, headquartered in Turin, focuses on developing products and solutions designed to provide security for the Internet of Things (IoT). In our connected and digital world, DRIVESEC's products protect against cyberattacks, thus safeguarding the development of a secure digital economy. The company's core business comprises security for IoT equipment, protection for wireless communication, administration of digital user identities and secure access to sensitive data in compliance with data-protection regulations (GDPR).

Further information is available at www.tuvsud.com

Information about DRIVESEC can be found at www.drivesec.com

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