

Media Release

July 19th, 2019

IMT-2020 C-V2X Working Group and AUTOSAR organized a joint seminar to promote the mature implementation of C-V2X Technology

On June 12th, 2019, IMT-2020 (5G) Promotion Group C-V2x (IMT-2020 C-V2X WG) Working Group and AUTOSAR (AUTomotive Open System Architecture) organized the first joint seminar in Shanghai, China. Relevant experts from both groups were invited to attend the meeting. Ge Yuming, Chairman of the C-V2X Working Group and Michael Niklas, Chairman of AUTOSAR led the seminar.

During the meeting, the basic status of the C-V2X working group was introduced and AUTOSAR presented the organization in detail, including the organizational structure, member units, mission, objectives and key tasks. Afterwards, member units were invited to share the industrialization process of C-V2X in China, including policy planning, technology research and development, testing and verification, application demonstration and other aspects. The presentation introduced the working progress of the AUTOSAR China Development Group for V2X, which includes the architecture of C-V2X protocol stack, standardization of core technology, interfaces and many other aspects.



AUTOSAR Chairman Michael Niklas presents the AUTOSAR Adaptive Platform

In an open dialogue session, members from both groups discussed a cooperation mechanism, intellectual property protection, standard sharing, and exchanged views on the follow-up cooperation plan and task schedule. The two sides have a common interest to build a mature C-V2X implementation plan and industrial ecosystem through cooperation and efforts, and jointly promote the industrialization of C-V2X technology. The first joint seminar between IMT-2020 (5G) Promotion Group C-V2X Working

Group and AUTOSAR fostered a deeper understanding between the two organizations and laid a solid foundation for a follow-up cooperation.



The IMT-2020 (5G) Promotion Group has been jointly established by three ministries in China (the Ministry of Industry and Information Technology, the National Development and Reform Commission and the Ministry of Science and Technology) in February 2013, based on the original IMT-Advanced Promotion Group. It is the major platform to promote the research of 5G in China. It is a cross-industry integration and innovation platform. It is fully responsible for organizing technical research, test verification, industrial and application promotion of LTE-V2X and 5G-V2X. At present, there are almost 150 member units forming a multi-industry cooperation alliance of "production, education, research and utilization" to cooperate with "automobile, information and communication, transportation".

About AUTOSAR (AUTomotive Open System ARchitecture)

AUTOSAR (AUTomotive Open System ARchitecture) is a worldwide development partnership of car manufacturers, suppliers and other companies from the electronics, semiconductor and software industries. Since 2003, they have been working on the development and introduction of an open, standardized software architecture for the automotive industry. By simplifying replacement and the update options for software and hardware, the AUTOSAR approach forms the basis for reliably controlling the growing complexity of electrical and electronic systems in motor vehicles. In addition, AUTOSAR improves cost efficiency without compromising quality. The "core partners" of AUTOSAR are the BMW Group, Bosch, Continental, Daimler AG, Ford, General Motors, PSA Group, Toyota and the Volkswagen Group. In addition to these companies, more than 270 partners play an important role in the success of the partnership. Companies, which join the AUTOSAR Development Partnership, can use the specifications free of charge.

Further information

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