

Announcement

20th February 20, 2025

Lowering the hurdles – Associate Partner [Light] Program within AUTOSAR

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The AUTOSAR Steering Committee has decided to introduce the Associate Partner [Light] Program. In contrast to the Associate Partner, the Associate Partner [Light] voluntarily waives the commercial exploitation of the entirety of released AUTOSAR Work (specification and code) but agrees to limit itself to the commercial exploitation of a selected share of released AUTOSAR Work as defined by AUTOSAR.

The term expresses the idea to alleviate the entrance hurdle to the AUTOSAR world, making it easy and light.

It is a membership with no partnership fee and a limitation to the commercial exploitation of a selected share of released AUTOSAR Work. This membership is specifically attractive for new players and start-ups with fresh ideas but a lack of financial resources to enter a full AUTOSAR partnership. The first supported use case under the Associate Partner [Light] Program is to make the bus protocols, which are part of the AUTOSAR solutions, more accessible to ongoing development activities even "outside" of AUTOSAR. Further use cases with different shares of AUTOSAR Work could be made available based on AUTOSAR decisions as part of its evolving opening strategy.

It should be seen as a part of AUTOSAR's long-term strategy to lower the hurdles for applying AUTOSAR solutions and to easily use a selected share of released AUTOSAR Work. This long-term strategy, AUTOSAR Opening Strategy, does and will further address collaborations with 3rd parties and with other complementary consortia as already established in the SDV alliance. Moreover, simplifications of the application of the AUTOSAR Classic Platform will play an important role in focusing adaptations to market needs and future requirements as part of the advanced AUTOSAR Adaptive Platform. The collaboration with COVESA on the Automotive API is an ongoing initiative and serves as an example of future directions. AUTOSAR as the established SW framework for the future mobility and opensource developments for applications in a SDV world will not be competing activities, instead they will form a complementary ecosystem.



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About the AUTOSAR Adaptive Platform

AUTOSAR first released its Adaptive Platform on March 31st, 2017 as a standardized integration platform for microprocessor-based electronic control units (ECU). The AUTOSAR Adaptive Platform is based on POSIX operating systems and is the ECU standard for new automotive megatrends. It provides an unique holistic AUTOSAR safety and security approach for microcontroller-based ECUs and high performance microprocessor-based ECUs throughout the whole EE-Architecture with a consistent software and methodology design. Additionally, AUTOSAR Adaptive Platform also introduces a holistic approach for updatability (over the air) throughout the whole EE-Architecture. By doing so, the new standard avoids the costly alternative for OEMs and their suppliers of repeatedly developing the critical and complicated functionality of such software platforms with proprietary and individual solutions.

About the AUTOSAR Classic Platform

The AUTOSAR Classic Platform is the well-established standardized software and methodology framework for deeply embedded electronic control units (microcontroller ECUs), which offers OEMs and suppliers a safe, secure, and stable foundation to build up their distributed software systems. By using a layered software architecture based on a methodology that configures the software stack as well as the complete communication for a given EE-Architecture, the AUTOSAR Classic Platform supports all kinds of interconnected microcontroller-based ECUs.

About AUTOSAR (AUTomotive Open System ARchitecture)

AUTOSAR (AUTomotive Open System ARchitecture) is a global partnership of leading companies in the automotive and software industry to develop and establish the standardized technical framework enabling scalable E/E system architectures for intelligent mobility. Since 2003, they have been working on the development and introduction of several open, standardized software platforms including the joining methodology for the automotive industry. By simplifying replacement and update for software and hardware, the AUTOSAR approach forms the foundation for reliably controlling the growing complexity of electronic and software systems in today's and future vehicles. As AUTOSAR is open to new features in the Automotive area it will continuously adapt the standards. In addition, AUTOSAR improves cost efficiency and quality by enabling its partners to cooperate in a competitive way but on the same solution. The "Core Partners" of AUTOSAR are the BMW Group, Bosch, Continental, Mercedes-Benz Group, Ford, General Motors, Stellantis, Toyota and the Volkswagen Group. The AUTOSAR partnership of over 350 partners play an important role in the success of the partnership and can use the standards free of charge.

Further information

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