

AUTOSAR publishes extended specifications Release 3.0 now available

The development partnership AUTOSAR (AUTomotive Open System ARchitecture) has published a new release of its specifications on February 22nd, 2008. The Release 3.0 is freely accessible on the internet at www.autosar.org, and has been expanded in many areas since Release 2.1. For example, specifications of standardized application interfaces are now also available for the powertrain and chassis domain. The number of standardized application interfaces has been expanded for the body domain, and explanatory documents have been prepared for the interfaces of all domains. In addition, the developers have harmonized the concept for wake-up of ECUs and start-up of networks in the vehicle and have introduced state managers for the bus systems CAN, LIN, and FlexRay. The members of the development partnership are free to use the AUTOSAR specifications for the development of control unit software.

More than 120 companies worldwide have joined the AUTOSAR development partnership since 2003 in order to industrially apply an open, standardized software architecture for control units in motor vehicles. Explaining the advantages of AUTOSAR, Dr. Jürgen Mössinger, AUTOSAR spokesman and Vice-President Automotive Systems Integration at Bosch, said: "The growing complexity of automotive software can be mastered with AUTOSAR, and the development costs can be considerably reduced." The first vehicles with AUTOSAR elements are already scheduled for market introduction this year.

AUTOSAR (AUTomotive Open System ARchitecture) is a worldwide development partnership of car manufacturers, suppliers and other companies from the electronics, semiconductor and software industry. Since 2003 they have been working on the development and introduction of an open, standardized software architecture for the automotive industry. By

simplifying the exchange and update options for software and hardware with the AUTOSAR approach, it forms the basis for reliably controlling the growing complexity of the electrical and electronic systems in motor vehicles. AUTOSAR also improves cost efficiency without compromising quality. The "core partners" of AUTOSAR are the BMW Group, Bosch, Continental, Daimler, Ford, Opel, PSA Peugeot Citroën, Toyota and Volkswagen. In addition to these companies, approximately 50 "premium members" play an important role in the success of the partnership. Companies which join the AUTOSAR development partnership can use the specifications free of charge.

Additional information is available at:

www.autosar.org

media@autosar.org