



Media Release

March 2007

AUTOSAR initiative completes Release 2.1

Release 2.1 presents the results from the first phase of the standardisation process in the AUTOSAR partnership (AUTomotive Open System ARchitecture). This release is available for the partners and members for automotive applications and consolidates the work in the partnership, which has been achieved in approximately three years' work. These specifications provide the basis for the development of software products that comply with the AUTOSAR partnership's open standardised software architecture.

These update specifications incorporate practical experience from the internal validation phase. Following the latest additions, the release has now grown to more than 120 documents. Along with additions to the specifications already finalized in the previous release on software architecture components such as basic software and runtime environment, the new release now also includes documents on development methodology and templates.

In addition, the documents on the maintenance and conformance test process have been expanded and the first descriptions for application interfaces, for example for body and interior electronics, have been introduced. As the current spokesman for AUTOSAR, Helmut Fennel, explains:

“AUTOSAR provides a stable basis for further functional innovation to meet the future challenges in automotive development – namely environmental protection and extensive safety. It will also ensure very high quality standards for end consumers and facilitates the exchange and update of soft- and hardware over the service life of a vehicle. AUTOSAR will continue its global advance. Release 2.1 is an important milestone on that path.”

AUTOSAR (AUTomotive Open System ARchitecture) is a global development partnership of automotive manufacturers, suppliers and companies specialising in electronics, semiconductors and software.

Since 2003, these companies have been working to develop and establish an open standardised software architecture for the automotive industry. By facilitating the exchange and updating of software and hardware, AUTOSAR will be an enabling technology to manage the growing complexity of



Media Release

March 2007

automotive electrical and electronic architecture in vehicles and to improve cost efficiency without making compromises on quality. The core partners in AUTOSAR are the BMW Group, Bosch, Continental, DaimlerChrysler, Ford, Opel, PSA Peugeot Citroën, Siemens VDO Automotive, Toyota and Volkswagen. In addition to these companies, approximately 50 "premium members" also play an important role in the partnership. AUTOSAR specifications can be used free of charge by companies that join the development partnership.