EB

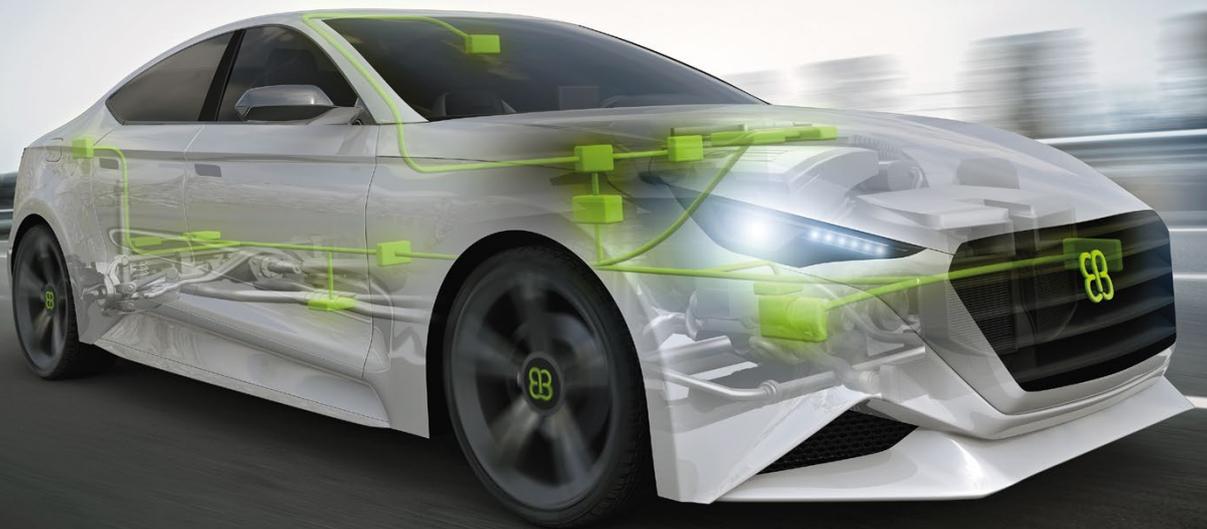## Elektrobit

EB tresos
Customized AUTOSAR solutions
Everything you need to bring Classic AUTOSAR on the road

Cross-OEM products

We provide efficient and scalable products
for ECU projects

Tools	Target SW	
EB tresos Studio ▸ One configurator for all target SW ▸ Interoperability and flexibility	**EB tresos AutoCore Generic** ▸ Hardware-independent basic software ▸ Based on AUTOSAR 4	**EB tresos AutoCore OS & EB tresos AutoCore MCAL** ▸ Single-/Multi-core OS ▸ MCAL modules for communication stack
EB tresos WinCore ▸ Windows-based AutoCore platform ▸ Support of functional testing for easy start of new AUTOSAR projects	**EB tresos Security components** ▸ Embedded crypto routines ▸ Hardware crypto support	**EB tresos OsekCore** ▸ OSEK-/VDX-compliant Stack, OSEK OS ▸ Customized for OEM needs
	EB tresos Safety components ▸ E2E, TimeE, run-time environment and OS ▸ Freedom from interference ▸ ASIL-D & SIL 3 certified	

OEM-specific products

We implement car manufacturers' software requirements
beyond the AUTOSAR standard

Tools	Target SW	
Tools for OEMs ▸ Tooling add-ons to support OEM needs	**Modules for OEMs** ▸ Covering OEM require-ments that are not covered by AUTOSAR	**EB tresos AutoCore Bootloader** ▸ OEM-specific bootloaders ▸ Updates & secures over-the-air infrastructure

HW-specific services

We provide modular integration, and test strategy to reach
quality goals in customer projects

Integration package	Qualification package	Porting
▸ Integration of 3rd party modules (e.g. MCAL modules) into the EB tresos framework	▸ Execution of both EB module and integration tests on a dedicated uC (incl. MCAL modules)	▸ Porting of hardware-dependent EB products

Project-specific services

We make it possible for our customers to set up and run
ECU projects for all leading car manufacturers

Project integration package	Project update package
▸ Integration and pre-configuration considering project-specific input	▸ Upate of project integration package considering newer versions

Features

▸ Industry-leading implementation of AUTOSAR-compliant basic software for automotive ECUs
▸ Functional safety up to ASIL-D
▸ Customization of AUTOSAR software applicable to your ECU considering OEM-specific requirements

Benefits

▸ Reliability based on 30+ years of expertise in automotive basic software and tools development
▸ Fast and secure support for broad areas of application, and a re-use option
▸ Reduces complexity by having one-tool environment for configuration, validation, and code generation
▸ Safe, and reliable mass production ready software, e.g. 100% code coverage

www.elektrobit.com/autosar

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