Training description
EB tresos Classic AUTOSAR training

What you'll learn

The EB tresos Classic AUTOSAR training targets all developers and integrators wanting to use the EB tresos products based on the AUTOSAR Classic Platform standard.

Learn the objectives and concepts defined by the AUTOSAR Classic Platform standard and how the EB tresos product line implements the standard. A sequence of hands-on exercises complement the learning experience, as you build and run an AUTOSAR application on the Windows platform, following the complete AUTOSAR workflow.

Why should you take this course?

- Acquire an overview of the AUTOSAR Classic Platform standard to begin developing ECUs
- Improve your understanding of all major AUTOSAR concepts
- Gain a clear understanding of main features of major basic software modules
- Create and configure EB tresos projects using EB tresos Studio
- Access hands-on exercises using EB tresos AutoCore

Course content

- Introduction & concepts
- Architecture & methodology
- EB tresos Studio
- Operating system
- SWC layer & RTE
- Diagnostics
- Communication stack
- Mode management
- Memory stack
- Security stack
- Overview of EB tresos Safety products

How is this course delivered?

Delivery format: ☒ Classroom   ☒ Virtual classroom   ☐ Blended learning
Target group: ☒ Developers   ☒ Architects   ☒ Integrators   ☐ Testers   ☐ Managers

Duration: Classroom: 3 days, approx. 7 hours per day

	Virtual classroom:	5 days, approx. 4.5 hours per day
Language:	Trainer:	English
	Training material:	English
Limitations:	The maximum **number of participants** for a class is limited to 12.	

Prerequisites

- General knowledge about software development for automotive systems
- General programming skills in C

Resources

- Training presentation slides (PDF)
- Access to a virtual desktop for practical exercises for the duration of the training

Your learning path

Training name	Overlapping content and order (in days)		Goals/target audience	Target group
AUTOSAR basic training	1 d		Basic concepts of both AUTOSAR Classic Platform and Adaptive Platform	(Project) Managers
EB tresos Classic AUTOSAR training	3 d		High-level coverage of Classic AUTOSAR, includes basic concepts and EB tresos Studio workflow	Developers/ Integrators/ Architects
EB tresos Studio workflow training		1 d	EB tresos Studio training for those already familiar with Classic AUTOSAR	Developers/ Integrators
EB tresos Studio extension training		1 d	Possible extension for developing your own extensions to EB tresos Studio	Developers
EB tresos automotive Ethernet training		2 d	Possible extension for details of the Ethernet communication stack	Developers/ Integrators/ Architects