

PREEvision AUTOSAR Adaptive Add-On

Agenda VectorAcademy

Delivery Format:	This course is offered in Classroom or in Remote Format
Duration:	Classroom: 2 days Remote: 15 hours
Target Group:	Architects and engineers in charge of designing AUTOSAR Adaptive Architectures
Prerequisites:	Participation in "AUTOSAR Classic SW Engineering with PREEvision"; Understanding AUTOSAR Adaptive Fundamentals
Goal:	Modeling AUTOSAR Adaptive architectures in PREEvision

- 1. Recap AUTOSAR classic SWC design | 3.0 h**
 - > Signal based Software Design
 - > Service based Software Design
- 2. Modeling of High Performance Computers | 2.0 h**
 - > Computer and Execution context
 - > Network
- 3. Adaptive Software Design | 2.0 h**
 - > Adaptive Software Component
 - > Ports and Interfaces
- 4. Combined Systems | 3.0 h**
 - > Port Adapter
 - > Signal to Service Mapping
- 5. Deployment and Routing | 2.0 h**
 - > Software Hardware Mapping
 - > Signal Routing
- 6. Service instance configuration | 1.0 h**
 - > SOME/IP
 - > Service Discovery
- 7. Export | 1.0 h**
 - > AUTOSAR export
 - > Demonstration of Import in DaVinci Developer Adaptive
- 8. Question and Recap | 1.0 h**