

MICROSAR OTA Software Download Advanced Course

Agenda VectorAcademy

Delivery Format:	This Course is offered in Remote Format
Duration:	7 hours
Target Group:	ECU Developers
Prerequisites:	Participation in the course „AUTOSAR Classic in Practice“, „AUTOSAR Classic Platform Basic Course“ or good AUTOSAR knowledge
Goal:	Learning the basics of the Memory Partitioning. Acquiring practical skills on Integration and Configuration of the Download Stack in Classic MICROSAR

1. Introduction

- > Motivation
- > Software Architectur
- > Vector UDS Sequence

2. Memory Partitioning und Memory Layout

- > Memory Partitioning and Activation Concepts
- > Memory Layout

3. Vector Memory Stack and Data Processing

- > Memory Access Manager
- > Stream Processor

4. Exercise

- > Configuration Software Download Handler
- > Configuration Memory Management

5. Flash Bootloader Configuration

- > Software Activation Manager

6. Integration and Test

- > Round-Trip Test
- > Suspend/Resume