

# MICROSAR OTA Software Download Advanced Course

Agenda VectorAcademy

<b>Delivery Format:</b>	This Course is offered in Remote Format
<b>Duration:</b>	7 hours
<b>Target Group:</b>	ECU Developers
<b>Prerequisites:</b>	Participation in the course „AUTOSAR Classic in Practice“, „AUTOSAR Classic Platform Basic Course“ or good AUTOSAR knowledge.
<b>Goal:</b>	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