

# Daimler SLP11

## Agenda VectorAcademy

<b>Delivery Format:</b>	This Course is offered in Remote Format
<b>Duration:</b>	7.5 hours
<b>Target Group:</b>	ECU developers of Daimler suppliers and OEM
<b>Prerequisites:</b>	Participation in the Training "AUTOSAR Classic Platform Basic Training" or a good knowledge about AUTOSAR Classic Platform, certification as a Daimler supplier
<b>Goal:</b>	With the introduction of AUTOSAR 4 Daimler makes use of a set of features offered by the standard. This training covers these new features and how they are implemented in Daimler ECUs. It also addresses the functionality of the Daimler-specific extensions and their usage in the context of Daimler car lines.

### 1. Overview and Introduction

- > State of the Art E/E-Topology
- > Differences between SLP10 and SLP11
- > License Model

### 2. New Communication Concepts

- > Container PDUs
- > Transformers
- > Ethernet
- > SOME/IP
- > CAN FD

### 3. Configuring the SLP11 Stack

- > Setting up an initial configuration
- > System startup

### 4. Postbuild Concepts

- > Postbuild Selectable
- > Postbuild Loadable

### 5. SLP11 Network Management

- > Ethernet
- > UDP NM
- > Partial Networking
- > VLANs

### 6. SLP11 Diagnostics

- > Diagnostic Extract
- > DoIP
- > Daimler Extensions

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### **7. SLP11 Security Concepts**

- > Motivation and fundamentals
- > AUTOSAR Crypto Modules
- > Secure OnBoard Communication

### **8. Time Synchronization**

- > Time synchronization with AUTOSAR
- > Bus-specific concepts