

Mercedes-Benz SLP11

Agenda VectorAcademy

Delivery Format:	This Course is offered in Classroom or Remote Format
Duration:	7.0 hours
Target Group:	ECU developers of Mercedes-Benz suppliers and OEM
Prerequisites:	Participation in the Training "AUTOSAR Classic Platform Basic Training" or a good knowledge about AUTOSAR Classic Platform, certification as a Mercedes-Benz supplier
Goal:	With the introduction of AUTOSAR 4 Mercedes-Benz makes use of a set of features offered by the standard. This training covers these new features and how they are implemented in Mercedes-Benz ECUs. It also addresses the functionality of the Mercedes-Benz -specific extensions and their usage in the context of Mercedes-Benz 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. SLP11 Network Management

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

4. Postbuild Concepts

- > Postbuild Selectable
- > Postbuild Loadable

5. SLP11 Diagnostics

- > Diagnostic Extract
- > DoIP
- > Mercedes-Benz Extensions

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6. SLP11 Security Concepts

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

7. Time Synchronization

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