

CANoe/CANalyzer for J1939 Compact

Agenda VectorAcademy

Delivery Format:	This Course is offered in Remote Format
Duration:	11 hours
Target Group:	Users and Developers in the J1939 environment
Prerequisites:	E-Learning J1939 Fundamentals is helpful
Goal:	Learning the fundamental principles of the SAE J1939 protocol, getting to know the J1939 extensions of CANoe/CANalyzer for practical use

1. Introduction

- > Technical Setup, License model and registration
- > Questions about E-Learning J1939 Fundamentals

2. Network description of J1939 networks

- > Documents and Definitions of Terms
- > Network Management
- > Network Description and CANdb++ Editor
- > Parameter Groups and node definition

3. Measurement and analysis

- > Overview CANoe/CANalyzer .J1939
- > Analysis Windows in general and in J1939 context
- > Filters for data reduction

4. Logging, Plugins and Sending

- > Data recording and Offline Analysis
- > J1939 Scanner and Diagnostic Monitor
- > Interactive Generator for J1939
- > Replay-Block

5. Simulation Fundamentals

- > Creating a J1939 simulation using CANoe
- > Introduction to CAPL and signal-oriented programming