

CANoe .Ethernet Compact (Remote Training)

Agenda VectorAcademy

Duration:	18 hours.
Target Group:	Users of CANoe/CANalyzer.Etherent
Prerequisites:	Basic knowledge about CANoe/CANalyzer
Goal:	Knowledge about physical layers and protocols used for automotive Ethernet. Knowledge about the CANoe.Ethernet features for analysis and simulation.

1 | Ethernet Fundamentals, OSI Layers 1 to 4 4.0 h

- > Detail 1
- > Detail 2

2 | Introduction CANalyzer/CANoe .Ethernet 2.0 h

- > Introduction to CANoe/CANalyzer.Ethernet
- > Initiation of an Ethernet network
- > Measurement and analysis with CANoe/CANalyzer.Ethernet

3 | Application Protocols for Automotive Use: DoIP 3.5 h

- > Introduction to DoIP
- > DoIP in CANoe
- > Using CANoe as DoIP Tester

4 | Application Protocols for Automotive Use: AUTOSAR PDU, SOME/IP 2.5 h

- > AUTOSAR PDU implementation in CANoe
- > Service Oriented Architecture (SOA) in the vehicle
- > Introduction to SOME/IP
- > Using CANoe for SOME/IP

5 | Application Protocols for Automotive Use: TSN / Simulation with CANoe 3.5 h

- > Introduction to Time Sensitive Networking (TSN)
- > Introduction to CANoe Simulation
- > Working with Interaction Layers

6 | CAPL for CANoe.Ethernet 2.5 h

- > Introduction to CAPL programming
- > CAPL in the context of Ethernet
- > Summary of all 6 remote sessions
- > Q & A