

Introduction to CANalyzer/CANoe.CANopen

Agenda VectorAcademy

Duration:	1 Day
Target Group:	CANopen Developers, System Integrators
Prerequisites:	CAN Fundamentals, CANopen Protocol Fundamentals, CANalyzer Fundamentals
Goal:	In this training you will learn about the possibilities of CANoe and CANalyzer in a CANopen network.

1 | CANoe.CANopen and CANalyzer.CANopen Overview 1.0 h

- > Introduction to the CANalyzer.CANopen Tool Chain
- > CANopen Hook DLL
- > Baud Rate Dialog
- > CANopen Generator Block
- > CANopen Scanner
- > Exercise 1: Analyze a CAN Network with CANalyzer

2 | Introduction to CANeds 1.0 h

- > EDS Editor CANeds
- > Using EDS files in Vector tools
- > Creating and verifying EDS files

3 | ProCANopen Overview 1.0 h

- > Generating a CAN data base
- > Organizing a network in nodes and groups
- > Exercise 2: Designing a CANopen Network

4 | Network Topology Administration 1.0 h

- > Automatic import of network information
- > Quick-scan mechanism
- > Exercise 3: Import a CANopen Network

5 | Exchange of Process Data (PDO) 1.0 h

- > Using PDOs in a network
- > Configuring PDOs with the PDO List
- > Interactive Device Access
- > Exercise 4: PDO Configuration

6 | Configuration of a CANopen Network 1.0 h

- > Mechanisms to save configurations in a network
- > Exercises 5 and 6: Saving Configurations centrally or locally in a network

7 | Questions, Feedback, Suggestions