



# Agenda VectorAcademy

## INTRODUCTION TO CANOE/CANALYZER.CANOPEN

<b>Duration:</b>	1 Day
<b>Target Group:</b>	CANopen Developers, System Integrators
<b>Prerequisites:</b>	CAN Fundamentals, CANopen Protocol Fundamentals, CANalyzer Fundamentals
<b>Goal:</b>	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



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## 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 | 0.5 H