

## J1939 Basics

<b>Duration:</b>	1 Day
<b>Target group:</b>	Users and developers
<b>Prerequisites:</b>	CAN-basics

### 1 Fundamental CAN Concepts (1,0 h)

Goal: Convey the basic concepts of CAN

Contents: Explanation of concepts: Arbitration, CAN identifiers, data bytes, Remote frames, 11-bit / 29-bit identifiers

### 2 Introduction to the J1939 Protocol (6,0 h)

Goal: Convey fundamentals of the J1939 protocol

Contents: Significance of the address and name of a controller, communication types and addressing under J1939, and producer-specific communication, identifier interpretation and various Transport Protocols. The "Parameter Group" as a standardized data interface, Network management, boot-up, error handling, baud rates, Overview of the standard

### 3 Questions, Feedback, Suggestions

Goal: Clarification of open issues and open discussion as feedback for Vector