



Elektrobit

# Training description

## ADASIS training

### What you'll learn

Vehicles and drivers greatly benefit from information beyond the sensor horizon for a safer and more comfortable ride. The ADASIS training provides an in-depth introduction to the concept of an electronic horizon and its use in advanced driver assistance systems (ADAS) and automated driving.

Learn how electronic horizon data is distributed to in-vehicle ECUs. You will understand the ADASIS v2 protocol, learn about the supported messages, and how the protocol allows to send electronic horizon data via the CAN bus to ADAS applications.

Furthermore, in-depth information is provided about the ADASIS v3 protocol, the standard to support high-definition maps and automated driving solutions. You will get a detailed understanding of ADASIS v3, of supported messages, and of how the data is transmitted via the Ethernet bus.

### Why should you take this course?

- Understand the concept of an electronic horizon to enhance comfort functions, ADAS, and automated driving functions
- Understand the differences between ADASIS v2 and ADASIS v3 and the respective application areas
- Gain know how that you can use to leverage ADASIS for your electronic horizon projects

### Course content

- Electronic horizon and ADASIS overview:  
Electronic horizon concept, usage scenarios, ADASIS overview, comparison of ADASIS v2 and ADASIS v3
- Understanding ADASIS v2:  
General concepts, ADASIS v2 message types, management of the electronic horizon data in the reconstructor, special cases and examples of application, getting started with ADASIS v2
- Understanding ADASIS v3:  
General concepts, ADASIS v3 message types, update and erasure mechanisms, getting started with ADASIS v3

### How is this course delivered?

**Delivery format:**  Classroom  Virtual classroom  Blended learning

**Target group:**  Developers  Architects  Integrators  Testers  Managers

**Duration:** 1 day or 2 days (4 hours per day)

**Language:** English

ADASIS training

<https://www.elektrobit.com/training/adasis-training/>

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Training material: English

**Limitations:** The maximal **number of participants** is 12.

### **Prerequisites**

No special requirements for ADASIS training participation

### **Resources**

Material provided during the training: PowerPoint slides