



## Training overview

### Product training at tracetronic GmbH

Even the best software is useless, if we do not enable its users to operate it properly. That is why we are committed to providing expertise on how to work best with our software products.

Currently, we offer the following trainings:

- ecu.test training (basic)
- ecu.test training (advanced)
- test.guide training
- Individual workshops

#### ecu.test training (basic)

In this training we explain the basics of test automation with ecu.test. The participants will learn how to create test cases quickly and efficiently through a systematic approach. In addition, we will demonstrate how test cases can be extended using simple signal analysis with trace.check.

##### Target group

- Function developers
- Testers (test engineers/test managers)

##### Content

1. Getting started with the test automation tool ecu.test with a focus on the software development process in the automotive environment

2. Numerous exercises on the topic:

- Understanding, creating and executing configurations
- Implementing and executing test cases
- Reading test results and extending test cases
- Building complex test cases and signal analyses based on a given test specification
- Modularising and parameterizing test cases
- Automatically recording and evaluating measurement data

#### ecu.test training (advanced)

In the follow-up ecu.test training we focus on the execution of test cases in different test environments. In addition, we will demonstrate how to easily adapt test cases to a variation of test specimens and test benches.

##### Target group

- Function developers
- Testers (test engineers/test managers)

(basic knowledge in handling ecu.test required)

##### Content

1. Variant handling and reusability

- Adapting test cases due to changing test environments and test objects (parameter vs. constants)
- Adapting signal access points (signal mapping concept)

2. Team collaboration

- Workspace concept
- Test case libraries
- Libraries for signal analysis

3. Signal analysis with trace.check

- Optimization of analyzed time frames
- How to filter interesting sections from long signal recordings
- Calculation of complex signals
- Creation of extensive signal analyses based on a given test specification
- Evaluation of easily captured plots and results

## test.guide training

In this training course we explain the web-based database application test.guide. We will familiarize you with the various functions and mechanisms in test.guide using several real examples from the automotive environment and train you with the help of numerous exercises.

### Target group

- Test managers
- Project managers
- Testers and function developers

### Content

- Introduction to test.guide with a focus on test management using real everyday examples
- Uploading test results from various sources to test.guide
- Managing, viewing and analyzing results with filter options
- Identifying trends in the results, carrying out reviews and creating defect tickets directly from test.guide
- Defining/importing test scopes and displaying test progress automatically
- Fully automated collection of information for the software release documents and exporting as PDF, Excel or to test management tools
- Connecting, monitoring and observing the test stations (infrastructure management)
- Automatic distribution of test jobs to available test stations

The dates for our standard product trainings are listed on our website at [www.tracetronic.com](http://www.tracetronic.com).

**You still have questions, you would like to register for a standard training or make an appointment for an individual workshop?**

E-Mail: [sales@tracetronic.de](mailto:sales@tracetronic.de)  
Tel.: +49 351 205768-500

**We look forward to seeing you!**

## Individual Workshops

Our individual workshops are made to be designed by you – you can decide freely about the location, date and composition of the content. This way, you will be able to get to know our products in relation to your current challenges and concentrate on company-related processes and tools.

### You would like...

- to have a stronger focus on your own processes and tools?
- a selective mediation of project-relevant topics?
- additional content that you can individually coordinate with us?
- content from the standard trainings but you want to freely define the scope of the training?
- exercises relating to current challenges in your projects?
- to integrate your infrastructure?
- to have the training at the company location?
- to register more participants?

If these statements appeal to you, our individual workshops are the perfect choice for you.