




Testing of driver assistance systems (FAS)

YOUR PARTNER FOR

-  Engineering
-  Simulation
-  Testing



FUNCTIONAL TESTING FAS

In the development of safe and intelligent mobility, we test the functional safety and reliability of assistance systems for our customers to ensure high availability and safe operation of the systems. Thereby, we test the systems with regard to target function and error response. In our activities, we rely on drivers specially trained in our test driver academy who carry out field tests with the support of our engineers.

We implement the following service contents for our customers:

- Support in the preparation of the test scenarios and organization of the test execution
- Preparation of the measurement equipment and the test vehicles
- Worldwide testing of the test scenarios with real vehicles in the controlled field and field tests incl. evaluation of the effectiveness of functions
- Vehicle retrofitting, backup and archiving of measurement data
- Benchmark analyses for competitor comparison
- Use of soft targets to test system behavior in line with expectations

Systems that we test for our customers:

- Lane recognition (e.g., lane departure warning and lane change assistant)
- Vehicle recognition systems (e.g. traffic jam assistance systems for Stop & Go)
- Driver warning systems (e.g. display concepts)
- Driver state recognition (e.g. drowsiness detection)
- Parking assistance systems
- Assistance systems for environment perception (e.g. traffic sign recognition)
- Operation and controls, alternative operating concepts (e.g. gesture control)
- others on request

Your added value of working with us:

- By using our digital tablet-based system to collect, process and analyze the data we record, test content is immediately documented and evaluations are automatically generated
- As a customer, you know the project status and the technical maturity of your system at all times
- The status and results of the tests are available to our customers at an unprecedented speed
- The internal reporting of our customers is accelerated many times over

TOGETHER INTO THE CO₂-NEUTRAL FUTURE!

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