



Technology x Enthusiasm = Performance

Testing of driver assistance systems (FAS)

PTS-Prüftechnik GmbH is internationally active in the fields of vehicle development, testing, engineering and consulting with more than 200 employees. At its headquarters in Waldstetten near Schwäbisch Gmünd, the company has 3 locations, further branches are located in Remshalden, Fellbach, Kreut near Ingolstadt and Wolfsburg.

The company is divided into seven business segments:

- Engineering
- Testing on test rigs
- Simulation
- Cooling circuit development
- Vehicle testing
- Vehicle technology
- Test bench technology

PTS-Prüftechnik GmbH

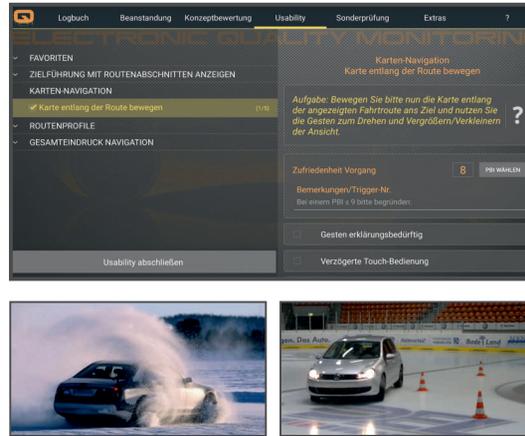
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Functional testing FAS

In the development of safe and intelligent mobility, we test the functional safety and reliability of assistance systems for our customers in order to guarantee high availability and safe operation of the systems. We test the systems with regard to target function and error reaction.

In our work, 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 creation of test scenarios and organization of test execution
- Preparation of the measurement technology and the test vehicles
- Worldwide testing of test scenarios with real vehicles in the controlled field and field tests including 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 expectation-compliant and consistent system behavior

Systems that we test for our customers (others on request):

- Lane recognition (e.g. lane keeping and change assistant)
- Vehicle recognition systems (e.g. congestion assistance systems for Stop&Go)
- Driver warning systems (e.g. display concepts)
- Driver condition detection (e.g. fatigue detection)
- Parking assistance systems
- Assistance systems for environment perception (e.g. traffic sign recognition)
- Operation and operating elements, alternative operating concepts (e.g. gesture control)

Your added value of working with us:

- By using our tablet-based digital system for the collection, processing and analysis of the data recorded by us, test contents are directly documented and evaluations are created automatically.
- As a customer, you always know the project status and the technical maturity of your system
- The status and results of the tests are available to our customers at an unprecedented speed - clearly laid out and presented in a meaningful way.
- The internal reporting of our customers is accelerated many times over.

