

ETAS GmbH

Borsigstraße 14  
70469 Stuttgart, Germany  
Phone +49 711 3423-2240

Press and Public Relations:  
Anja Krahl

[anja.krahl@etas.com](mailto:anja.krahl@etas.com)  
[www.etas.com](http://www.etas.com)

## Press Release

### Collecting measurement data for automated vehicle systems

**Stuttgart, February 28, 2018** – To develop and test the advanced systems involved in vehicle automation, huge quantities of data need to be collected at high rates. ETAS has joined forces with partners to develop a vehicle-specific solution that encompasses the following components:

- New ETAS GETK control unit interface with integrated pre-processor
- High-performance data loggers being developed in collaboration with a partner
- Integration of GETK and loggers into the ADTF software environment, distributed by ETAS
- Management of measurement data using EADM, an ETAS IT environment that allows for efficient access to large quantities of stored vehicle data

Visitors to embedded world will witness the power of the solution in an ADAS demo shown by our experts at the ETAS booth.

Smart systems that automate driving, connect vehicles, and further mitigate their impact on the environment are opening up a new class of vehicle. In the case of vehicle automation, this calls for exact monitoring of driving and environmental conditions, achieved by powerful sensors, image processing, and object recognition systems.

In order to monitor their surroundings effectively, advanced driver assistance systems need to exchange large quantities of data at extremely high rates. As a result, developing and testing automated vehicles requires especially high-performance solutions capable of collecting, storing, managing, and playing back system data. Here, ETAS is developing a vehicle-specific measurement system able to simultaneously collect large quantities of data at high rates – precisely what is needed for highly automated and fully automated applications.

The holistic ETAS solution encompasses the following components: Enterprise Automotive Data Management EADM; the ADF software environment, distributed by ETAS; high-performance data loggers developed by ETAS in collaboration with a partner; and a new control unit interface, the GETK, which uses an integrated pre-processor to pre-process data streams. The innovative ECU interface can be used both to collect data and to test automated vehicle functions. The first GETK variant, the GETK-P3, will be released this year. The solution supports the relevant vehicle buses, data formats, and protocols, and offers open interfaces so that it can be integrated into existing development architectures.

### **ETAS GmbH**

ETAS provides innovative solutions for the development of embedded systems for the automotive industry and other sectors of the embedded industry. As a systems provider, ETAS supplies a multifaceted portfolio that covers the range from integrated tools and tool solutions to engineering services, consulting, training, and support. Holistic IoT security solutions are offered via ETAS subsidiary ESCRYPT. Established in 1994, ETAS GmbH is a 100-percent subsidiary of the Bosch Group, with international subsidiaries and sales offices in Europe, North and South America, and Asia.

Further information online at [www.etas.com](http://www.etas.com)