

Digital road safety

## Smartcar-startup PACE and DEKRA team up for more secure driving

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**Together with tech-startup PACE Telematics, the leading international vehicle inspection company DEKRA is developing a new algorithm for increased driving safety. The program analyzes driving and environmental data and is already in the test phase.**



DEKRA Safety Index

Powered by  PACE

[Picture-download \(Link\)](#)

The "DEKRA Safety Index" is designed to make safe driving behavior measurable and promotable. The Karlsruhe startup [PACE](#) and [DEKRA Digital GmbH](#) set themselves this common goal in order to noticeably reduce the number of traffic accidents caused by human errors.

### An algorithm for greater road safety

This is made possible by analyzing speed, acceleration and braking behavior as well as other environmental and driver influences. With the help of PACE's new technology, it will be possible in the future to assess how safe a driver acts at the wheel.

The Safety Index determined is intended, for example, to help passenger transport, vehicle fleets, freight forwarders and insurance companies to adapt processes and services to current safety requirements. Another possibility is the use of so-called "heat maps" with accident focal points for smart city concepts.

### Reduction of human risks with Big Data and IoT

"In the future, road safety will increasingly be determined by technology.", says PACE founder Dr. Martin Kern, "PACE's cross-manufacturer cloud and IoT technology offers the perfect conditions for a data-driven improvement of road safety by minimizing potential driver risk factors. Of course, we attach great importance to data protection and data security during the implementation."

As a leading player in road safety, [DEKRA](#) enjoys the utmost trust from customers and partners. PACE founder Robin Schönbeck is proud of the cooperation: "The partnership between DEKRA and PACE offers countless attractive opportunities to expand our road safety services for our B2B customers in the future. This includes, for example, completely new application possibilities such as data-based driver training for professional drivers". The first customers will be able to test the system by the end of the year.

## About DEKRA

DEKRA has been working for safety for more than 90 years: the Deutscher Kraftfahrzeug-Überwachungs-Verein e.V., founded in Berlin in 1925, has become one of the world's leading expert organizations. DEKRA SE is a wholly owned subsidiary of DEKRA e.V. and manages the group's operating business. In 2017 DEKRA achieved sales of more than 3.1 billion euros. More than 44,000 employees work in over 50 countries on all five continents. With qualified and independent expert services, they work for safety in traffic, at work and at home. The portfolio ranges from vehicle inspections and expert reports to claims settlement, industrial and construction testing, safety consulting, testing and certification of products and systems, training courses and temporary employment. The vision until its 100th birthday in 2025 is: DEKRA will become the global partner for a safe world.

## About PACE

[PACE Telematics](#) operates a vendor-independent, cloud-based automotive Big Data platform. With its technology, the Karlsruhe startup turns cars into smart cars in a simple way - and thus makes driving a car safer, cheaper and more pleasant. Key innovations include the flexible IoT platform [PACE Cloud](#) with microservices and APIs for uncomplicated use and access in the automotive environment, as well as the PACE Car apps and the PACE Link (OBD II adapter).

Since 2018, PACE has been directly integrated into the control units of cars by the first manufacturers and therefore no longer requires an OBD II interface. PACE currently offers 9 features for the consumer. These include the Automatic Emergency Call, the Electronic Logbook, the Trouble-Code Analysis and the Performance Monitor with real-time data from inside the car. This year, the smart car experts and their partner SAP will be launching "Connected Fueling" and "Connected Parking", where PACE customers will be able to refuel and park without cash in the future.



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