



CES 2018: ZF on Track for Autonomous Driving

- **ZF ProAI control box ready for volume production just one year after its introduction**
- **Development vehicle with modular hardware and software for autonomous driving up to level 4 to be showcased at CES 2018**
- **Agreement is signed with a Chinese manufacturer for volume production of ZF ProAI in a level 3 vehicle for the Chinese market**
- **ZF's Vision Zero ecosystem boosts development speed and market opportunities**

Friedrichshafen, Germany/Las Vegas. At CES 2018, ZF is highlighting its position as an innovative, reliable autonomous driving technology development and cooperation partner. In just one year, the company's ProAI control box, which features artificial intelligence capabilities, has progressed from concept to a production-ready system. ZF has developed its ProAI technology together with NVIDIA. Using a test vehicle fitted with the technology and a comprehensive sensor set, the company will present a modular, scalable hardware and software architecture for highly and fully automated driving applications throughout CES 2018.

A Chinese car manufacturer will be the first customer to install the control box in a vehicle with autonomous driving features, thanks to a collaborative project between ZF, NVIDIA and Baidu. This open cooperation network – part of ZF's Vision Zero ecosystem - is proving to be a success factor for the company, both in terms of its strategic long-term goal of an accident and emission-free world and in terms of winning new business.

"We are well on track when it comes to future-oriented technologies," says Michael Hankel, member of the Board of Management at ZF Friedrichshafen AG. "We're delighted to have our first volume production order. It means that we are at the forefront of democratizing



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autonomous driving in a mass mobility market. And, this is a testament to the pace and reliability of our innovation capability.”

Just one year after ZF and NVIDIA unveiled their joint project to develop an AI-capable control box, the supercomputer now meets all automotive standards. The ZF development vehicle being showcased at CES is proof that in combination with a comprehensive sensor set, the ProAI is helping to make modular, scalable autonomous driving features a reality.

Successful teamwork in the Vision Zero ecosystem

“Our cooperation network is accelerating our development speed as well as providing outlets for our partners' innovations,” said Hankel. “We're very much a front-runner in a highly dynamic market, which is vital today if you want to be viewed as an innovator and win business.” In recent months, ZF has consistently strengthened its position as a solutions provider. For example, the company has added further enhancements to its Car eWallet payment system which supports the widespread adoption of electromobility by allowing vehicle users to utilize the technology for the charging infrastructure. Car eWallet is also ideal for users of autonomous vehicles when paying for parking fees. The system, which is based on blockchain technology, integrates cloud-based services into the vehicle and is an attractive solution for providers in both financial services and mobility.

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ZF Friedrichshafen AG

ZF is a global leader in driveline and chassis technology as well as active and passive safety technology. The company has a global workforce of around 137,000 with approximately 230 locations in some 40 countries. In 2016, ZF achieved sales of €35.2 billion. ZF annually invests about six percent of its sales in research & development –



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ensuring continued success through the design and engineering of innovative technologies. ZF is one of the largest automotive suppliers worldwide.

ZF allows vehicles to see, think and act. With its technologies, the company is striving for Vision Zero – a world of mobility without accidents and emissions. With its broad portfolio, ZF is advancing mobility and services in the automobile, truck and industrial technology sectors.

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