Fast track to the future.

The digitization of rail vehicles.

Rail vehicles of the future.

Digitization in the railway world opens up new possibilities in the areas of availability and travel comfort. Growing importance is attached to software, networking and integration. **in-tech industry** combines vehicle technology with computer science.

With our many years of experience in the development of modern software systems, combined with our strong expertise in the development of rail vehicle functions, we accompany you on your path to digitization.

- **Functional specification & integration of drive, brake, train safety systems, etc.**
- **Mobile solutions on the train for the safe networking of passengers, train personnel & vehicle information**
- **Virtual commissioning: Security through functional integration of ECUs on the HiL**
- **Solutions for increasing the availability through predictive maintenance**
- **Modernization of control units: Functional expansion of existing systems**

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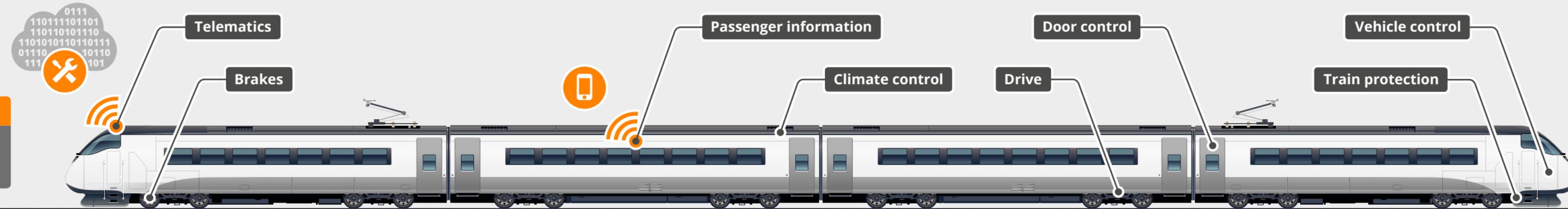Chief Executive Officer

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Telematics

Passenger information

Door control

Vehicle control

Brakes

Climate control

Drive

Train protection

⚙ **System technology**

We assist you in the development of vehicle functions – from the conception to the integration and homologation.

👥 **Model-based development**

With tool-based modelling, we enable integrative system development across all disciplines and trades.

✔ **Homologation**

We accompany you on the path to homologation. Based on the verification plan we monitor and control all the activities necessary for successful certification.

🔄 **Modernization**

Do you need to replace a control unit or extend its functionality? We analyse your existing system, modernise it and accompany its certification.

🖥 **Software**

We offer solutions for mobile applications. We implement safety-critical vehicle functions in accordance with valid standards in your vehicle.

〰 **HiL development**

We create the prerequisites for early testing: Whether it's component tests or virtual vehicle integration.

🔍 **Verification & validation**

As your independent partner, we ensure the quality and reliability with functional testing. We support you in test management and optimise your test processes.

🛡 **Security**

Whether security or functional safety, we support you in threat analysis, definition of security features and verification.

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