



**InnoTrans 2018**  
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**INNOVATIONS  
AND TRENDS**

## Synchronized measurement in the fastest trains in the world



Measurement along the whole train

TRIONet - the flexible measurement system for local or distributed measurements. Decentralized measurement tasks are easily managed with intelligent, simple cross-linking and the capability to increase the number of input channels as needed. The challenge is to analyze different signals at several measurement locations/points distributed throughout the train, with up to 100 m between the TRIONets. The system with the innovative OXYGEN measurement software acquires video, GPS, rotation speed, vibration data and calculates/analyses power parameters online, totally synchronized. Unique usability, zero-configuration functionality, gapless data recording guarantees time saving, precise and reliable data acquisition.

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Subject to further change