

FEV Signature Solutions

Safety Concepts for Autonomous Vehicles

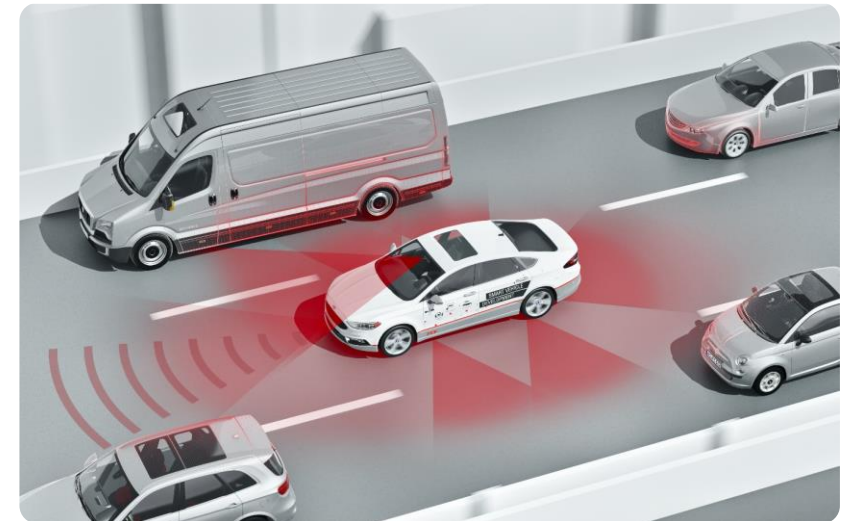
Your path to safer and smarter autonomous vehicle solutions

FEV offers

- ▶ Innovative safety concepts for autonomous driving
- ▶ Real-time data fusion with confidence-based input selection algorithm
- ▶ Highway pilot fallback strategies to ensure accident prevention
- ▶ Customizable technology for unique customer applications
- ▶ Compliance with ISO 26262, ISO 21448F and ISO/PAS 8800 safety standards

Why FEV

- ▶ Proven expertise in automotive safety and security
- ▶ 20+ years of experience in vehicle automation and validation
- ▶ Customized solutions tailored to industry needs
- ▶ Seamless integration with existing autonomous systems



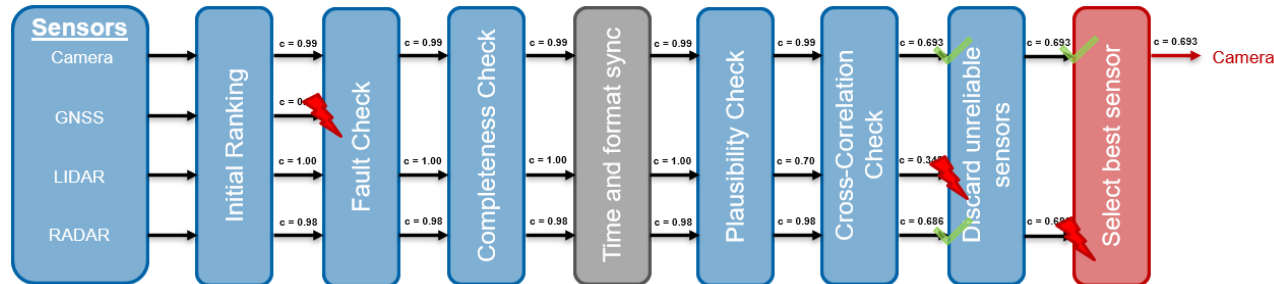
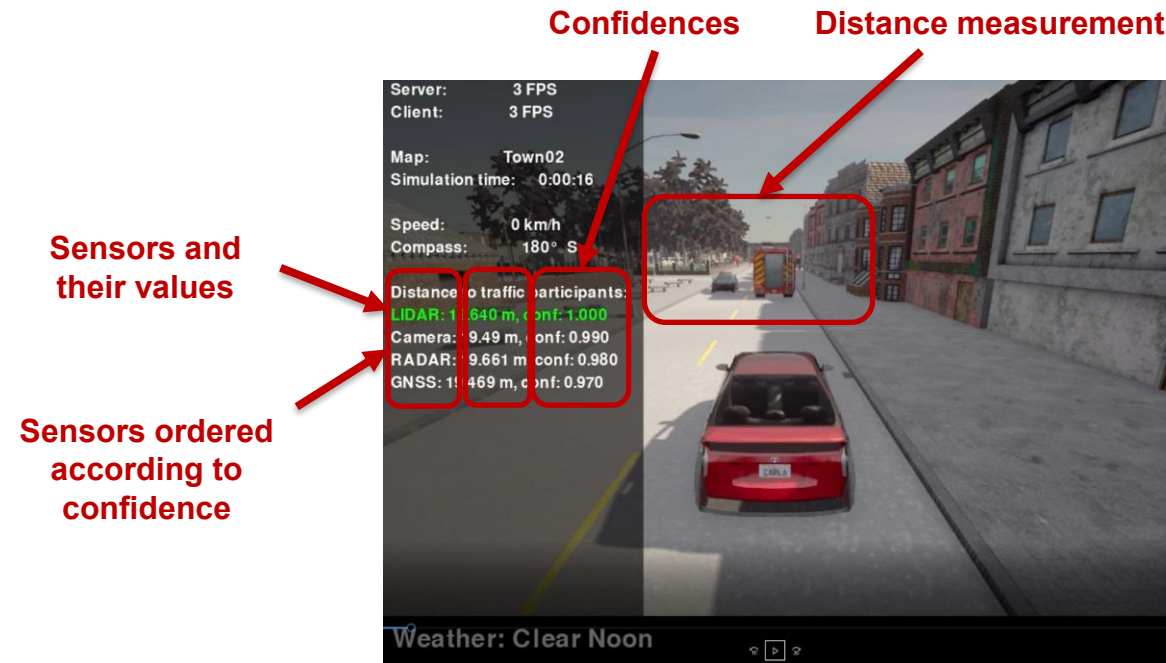
Innovative Safety Concept – Sensor selection algorithm

PATENT APPLIED



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REAL-TIME DATA FUSION WITH CONFIDENCE-BASED INPUT SELECTION ALGORITHM



- ▶ HAVs are equipped with overlapping sensors and input sources, which all provide safety-critical data
- ▶ Innovative real-time input data selection concept with check stages
- ▶ Increases safety and reliability by discarding input sources with insufficient data integrity
- ▶ Increases flexibility towards variant number and type of inputs

Get in touch with us for further information



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