



KIEPE ASSIST

Modular driver assistance for greater safety.

KIEPE ASSIST combines intelligent assistance functions with onboard vehicle systems. Its modular design allows it to be expanded and configured to meet individual requirements.

Five packages. Combine as required.

CORE



Attention

Supports drivers and provides an accessible entry point into driver assistance.

- ✓ Driver attention monitoring
- ✓ Detection of distraction and fatigue
- ✓ For new-build and retrofit applications

PROTECT



Detect & Warn

Detects critical situations at an early stage and supports drivers in complex traffic environments.

- ✓ Collision warning
- ✓ Hazard and obstacle detection
- ✓ Situational assessment along the vehicle path

GUARDIAN



Detect & Intervene

Adds active protection to the warning function and can mitigate the consequences of a collision.

- ✓ Builds on PROTECT
- ✓ Automatic brake intervention
- ✓ Active intervention logic



SPEED



Speed Management

Supports compliance with speed limits and reduces speed-related risks.

- ✓ Dynamic speed management
- ✓ Torque reduction / traction cut-off
- ✓ Targeted, graduated intervention



INTEGRATION



System Integration

Combines individual assistance functions into a fully integrated vehicle solution.

- ✓ Integration of all ASSIST functions
- ✓ Integration with vehicle control systems and interfaces
- ✓ Interfaces to traction, braking and driver controls

Your Benefits

Greater safety, flexibility and support in daily operations.

- **Greater safety**
Early detection and warning, with active intervention depending on the system configuration.
- **Modular and expandable**
From an entry-level system to a comprehensive assistance solution.
- **For new-build and retrofit applications**
Adaptable to vehicle, route and operational requirements.

The KIEPE Advantage

KIEPE turns individual functions into an integrated vehicle solution.

KIEPE integrates assistance systems with existing vehicle technology, from sensors and vehicle control systems to traction, braking and driver controls.

Benefits for operators:

- Clearly defined interfaces
- Coordinated vehicle functions
- Integration into existing systems
- A complete solution from a single source

Fast Setup

INSTALL. TEST. DETECT.
Ready for testing in 20 minutes.

Our references demonstrate how quickly initial test setups can be implemented. In one collision warning application, the system was ready for testing in just 20 minutes – without any modifications to the TCMS.

This allows assistance functions to be evaluated under real-world conditions at an early stage, with further integration tailored specifically to the vehicle and application.

