

Autonomous Deceleration Safety System(RTS)

An active deceleration system for preventing rear-end collisions in roadwork zones. Using SCC, it alerts inattentive drivers & generates virtual targets to send deceleration signals, encouraging the vehicle to slow down. The system also provides real-time voice alerts to workers for enhanced safety.

Deceleration Guidance System

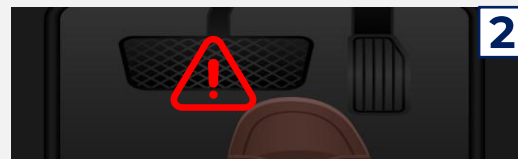


Active Deceleration Guidance Device (ADS 10)

Virtual Target + Automatic Vehicle Deceleration & Evasion



Road Work Zone Detection

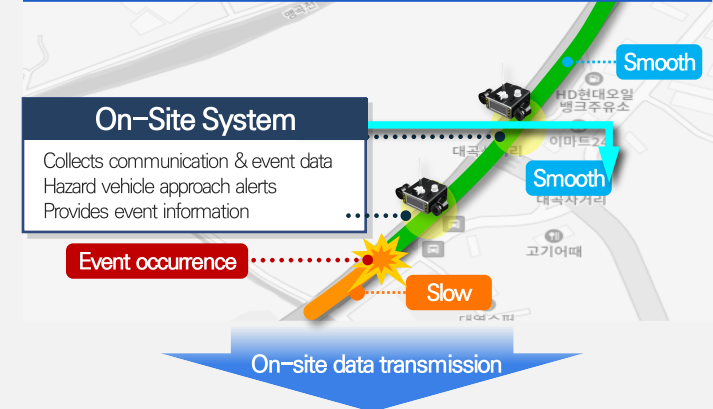


Detects driver inattentiveness and brake pedal omission



Uses virtual targets to automatically decelerate & avoid hazards

Real-time data collection from on-site system



On-Site System

Collects communication & event data
Hazard vehicle approach alerts
Provides event information

Event occurrence

On-site data transmission

Real-time site monitoring and work zone management



Event occurrence
2 Lane control and work start timing

Event logging
Operator popup alerts

- Real-time work zone location tracking
- Delay status monitoring in work zones
- Real-time on-site safety status monitoring

