



PRESS RELEASE

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VISION SYSTEMS PRESENTS ITS CAMERA MONITORING SYSTEM AND SHOWS THE LATEST VERSION OF ITS COLLISION RISK DETECTION SOLUTION

IAA Commercial Vehicles, 20-27 September 2018, Hannover, Germany



Following the successful launch of its homologated Camera Monitoring System, Smart-Vision, Vision Systems is proud to exhibit its solution dedicated to the bus, coach and specific vehicle markets.

Smart-Vision replaces the rearview mirrors with high-definition cameras and interior displays to offer **optimized visibility and enhanced ergonomics day and night**. In addition to eliminating lateral blind spots, the system provides new functions such as the suppression of the A pillar blind spot, parking and maneuvering aid, lane indicator lines (class VI) or security monitoring around the vehicle.

Smart-Vision not only offers greater driving comfort and safety, but also allows a **high return on investment** (under 2 years in average).

The system enables to significantly reduce fuel consumption (by around 5%) thanks to the removal of the mirrors, which cuts wind resistance for improved aerodynamics. It also eliminates the risk of collision between the mirror and a road user; pedestrians and cyclists are visible from the front to the rear of the vehicle. This reduces the insurance and maintenance costs linked to potential injuries and damages while maximizing the vehicle's availability. Consequently, Smart-Vision participates in reducing the Total Cost of Ownership.

[Watch the Smart-Vision video](#)

The Savety-Front solution is particularly designed for urban vehicles to **reduce the number of accidents** in town by at least 50%. It consists of intelligent sensors that alerts the driver when a risk of collision with a vehicle, cyclist or pedestrian is detected. The anticipation of collision is based on path comparison, taking in account the road users' position, speed and direction. The solution differentiates a road user who represents a potential collision danger from another one who does not; if there is no collision risk, the alert does not activate.

The Savety-Front solution **includes parking aid with visual and audible warning** to offer a complete safety package. The system can also include data recording for insurances or statistics on risk areas for drivers' training or improvement of urban space.

[Watch the Savety-Front video](#)



Headquartered near Lyon, France, with a production and sales unit in Florida, USA, and trade offices in Singapore, Dubai and Montreal, Vision Systems is a tier-one system supplier in the aeronautic, land transport and marine industries, designing and producing bespoke solutions for specific market segments in complex environments.

Vision Systems' land transport activity offers global solutions for coaches, buses, recreational vehicles, specific vehicles, trucks and trains: Advanced Driver Assistance Systems, shading systems including dimmable solutions, embedded entertainment systems and driver protection doors.

Vision Systems combines complementary skills in electronics, mechanics and composite to provide ever more innovative solutions for improved comfort, costs reduction and heightened safety.

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