

PRESS RELEASE

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VISION SYSTEMS PRESENTS ITS NEW CAMERA MONITORING SYSTEM, BSIS+

at European Mobility Expo, 7-9 June 2022, Paris

Safety Tech, the division of Vision Systems specialized in Advanced Driver Assistance Systems, will present its homologated camera monitoring system Smart-Vision, but also its new solutions, BSIS+, and additional views.

Blind spots are a major cause of accidents involving buses, coaches and trucks. The regulation R151 on Blind Spot Information Systems (BSIS) requires the system to inform the driver of the presence of a nearby cyclist who could be endangered when turning away from the driver, so that the driver can stop the bus before crossing their path.

Safety Tech is developing an innovative system that meets this R151 standard, and goes further to ensure maximum safety for drivers and road users, **BSIS+**: a **wider detection area** starting from vehicle body, the detection of **all vulnerable road users** (bicycles, pedestrians, scooters, etc.), available for **both sides** of the vehicle, and the integration of the system in the Smart-Vision solution **without any additional display**.



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Smart-Vision, already used by over 40 operators, mainly in Europe, and by many bus, coach and more recently trucks OEMs, is a compact systems that replaces rearview mirrors with high-definition cameras and interior displays to offer **optimized visibility** and enhanced ergonomics. Compared with standard rearview mirrors, Smart-Vision covers a **larger field of vision**, the interior displays **eliminate glare** and the **automatic adjustment of the screens' brightness** ensures excellent visibility in all lighting conditions: entrance and exit of tunnels, low light, bad weather...

Smart-Vision provides a high-quality image, **night and day**, and guarantees a stable image in any driving environment (no vibration). In addition to **eliminating lateral blind spots**, the solution offers functions such as parking and maneuvering aid or guidance assistance allowing a shorter turning radius.

Smart-Vision not only provides greater driving comfort and safety by **reducing the driver's fatigue**, but also allows a **quick return on investment**, estimated at less than 3 years in average.

Indeed, the system enables to significantly cut down fuel consumption (by around 5%) thanks to the removal of the mirrors, which lowers wind resistance for improved aerodynamics.

It improves maneuverability and eliminates the risk of collision between the mirror and tree branches or road signs. This minimizes the maintenance costs linked to potential damages, while maximizing the vehicle's availability.

[Watch the product video](#)



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Safety Tech also proposes additional views to personalize the camera monitoring system depending on the driver's need, on top of classes 2 and 4: class 5, class 6, a mix of 5+6, and behind the A-pillar, respectively named Docking View, Front View, Xtra View and Pillar View.

Based in France near Lyon, France, Safety Tech is one of the world leaders in Advanced Driver Assistance Systems. The company designs, develops and markets complete and customized solutions on the coach, bus, truck and motorhome markets. A pioneer in ADAS, Safety Tech also benefits from a European leadership position in its historical markets, rear view mirrors and driver protection doors.

Safety Tech combines its complementary skills in mechanics, embedded electronics and image analysis, to offer ever more innovative solutions and meet the needs of its customers in terms of cost, comfort and safety.

Safety Tech is part of the Vision Systems group, a tier 1 system supplier in the aeronautics, land transport and marine industries, with a subsidiary in the United States and sales offices in Singapore, Dubai and Montreal. Vision Systems is a subsidiary of Gauzy, a world leader in material science and nanotechnology.

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