



PRESS RELEASE

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VISION SYSTEMS PRESENTS ITS CERTIFIED CAMERA MONITORING SYSTEM AND SHOWS ITS ELECTRONICALLY DIMMABLE SHADING SOLUTIONS

UMA Motorcoach Expo 2019, 6-10 January, Fort Lauderdale, FL, USA, Booth 1635

Following the successful launch of its homologated Camera Monitoring System, Smart-Vision, last year at Busworld show, Vision Systems is proud to exhibit its innovative solution dedicated to the bus, coach and specific vehicle markets at UMA Motorcoach Expo.

Smart-Vision replaces the rearview mirrors with high-definition cameras and interior displays to offer **optimized visibility** and enhanced ergonomics. Compared with standard rearview mirrors, the interior displays **eliminate glare** and the automatic adjustment of the screens' brightness ensures excellent visibility in all lighting conditions, **night and day**, in every weather and in any driving environment. In addition to **eliminating lateral blind spots**, the solution provides functions such as the suppression of the A pillar blind spot, parking and maneuvering aid, guidance assistance, or security monitoring around the vehicle.

Smart-Vision not only offers greater driving comfort and safety by reducing drivers' fatigue, but also allows a **high return on investment** (under 2 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 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 minimizes 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.

Besides, the design of the cover can be **customized** or the system can be delivered to fit the cover design of the customer.

Vision Systems has already launched its innovative solution in serial production for European clients and tests are underway in America and Asia.

[Watch the Smart-Vision video](#)



Vision Systems North America: 1801 Penn St, Suite #104, Melbourne, FL 32901, USA - Tel +1 321-265-5110
Vision Systems Head Office: Route d'Irigny, BP 32, 69530 Brignais FRANCE - Tel +33 4 72 31 98 10 Fax +33 4 78 05 51 96
SAS au capital de 973 431€ - SIRET : 483 345 690 00018 - APE : 741 J - TVA intracommunautaire : FR 87 483 345 690

www.visionsystems.fr



Furthermore, as the **world leader in dimmable shading systems** for the aeronautic, marine and rail industries, Vision Systems will exhibit an electronically dimmable solution to present the different possible applications in the coach market.

Directly integrated into the glazing, these systems allow the passengers to instantly change the opacity of their window from clear to dark in order to regulate daylight, glare and heat entering in, while preserving the view or offering **privacy**. They enhance **visual, thermal and acoustic comfort**, for a greater wellness atmosphere. They can be controlled directly by the passenger, through a centralized control panel for coach-wide master control, or automatically with light sensors. Moreover, they turn dark when the vehicle is stopped keeping the interior cooler for **low air-conditioning consumption and energy savings**.

These solutions also find application in the windshield, as an ergonomic dimmable sun visor, avoiding to disrupt the driver with handling or to block the view.

Vision Systems' dimmable shading systems are **custom made** to meet the specific needs of each customer. They fit any shape and can come with different zones to be dimmed independently.

Besides, the **electronics are integrated**, which facilitates installation in original equipment or retrofitting and **reduces maintenance** (no moving parts, easy-cleaning) and downtime. Lastly, they are suitable for large flat or curved surfaces.

[Watch the Electronically Dimmable Solutions 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.

Sales Contact: Ryan Levy, Sales Director, Vision Systems North America, rlevy@visionsystems-na.com - Tel: +1 321 265 5110

Press contact: Alexandra Martin-Devaud, Marketing & Communication Manager, amartindevaud@vision-systems.fr



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