



PRESS RELEASE

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VISION SYSTEMS NORTH AMERICA CAMERA MONITORING SYSTEM IN LIEU OF TRADITIONAL REAR-VIEW MIRRORS – FMCSA APPROVED

The Federal Motor Carrier Safety Administration (FMCSA) has granted Vision Systems North America a five-year exemption to allow the use of Smart-Vision, high definition camera monitoring system, as an alternative to the two rear-view mirrors required on commercial motor vehicles. The Agency has determined that the Smart-Vision system is likely to achieve a level of safety equivalent to or greater than the level of safety provided by the regulation.

The Smart-Vision solution replaces rearview mirrors with compact high-definition cameras mounted high on the exterior of the vehicle, and interior displays fixed on each A-pillar, to offer various advantages including **increased field of view, optimized visibility and reduced driver fatigue.**

Compared with standard rearview mirrors, Smart-Vision expands the field of view by an estimated 25 percent and **eliminates lateral blind spots.** The solution proposes additional functions such as the suppression of the A pillar blind spot, parking and maneuvering aid or guidance assistance.

It increases visibility in both day and night environments; 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, inclement weather... Smart-Vision offers a **high-quality image, color night vision** and guarantees a stable image in any driving environment (no vibration).

Smart-Vision not only provides greater driving comfort and safety but also diminishes lateral head and eye movements due to the monitor location. All this participates in **reducing the driver fatigue.**

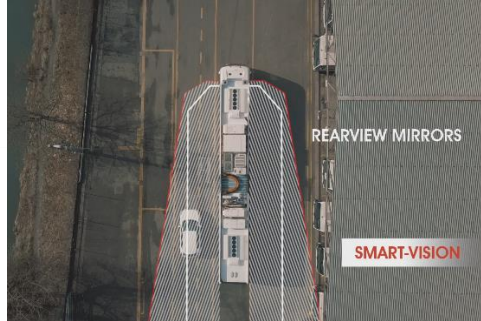
In addition, the system enables to significantly cut down fuel consumption (by around 5%) and thus carbon emission thanks to the removal of the mirrors, which lowers wind resistance for improved aerodynamics. The absence of mirrors improves maneuverability and avoids potential collision between the mirror and tree branches or road signs.

The Smart-Vision system is already being used in Europe instead of rear-view mirrors, under the requirements of ISO 16505, where about 300 vehicles are certified with the Smart-Vision system to date.

Vision Systems North America is proud to exhibit its innovative mirrorless solution dedicated to the coach market at **UMA MOTORCOACH EXPO, January 19-23, 2020 – Nashville, TN – booth 1223.**

[Watch the Smart-Vision video](#)

[Read the complete document published by the FMCSA](#)



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 that designs, produces and markets bespoke solutions for the aeronautic, land transport and marine industries.

Vision Systems' land transport activities comprise global solutions for coaches, buses, recreational vehicles, special 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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