



PRESS RELEASE

Brignais, 20<sup>th</sup> October 2021 – for immediate release

**VISION SYSTEMS CONFIRMS ITS EXPERTISE  
IN DIMMABLE SHADING SYSTEMS AND PRIVACY SOLUTIONS  
AND UNVEILS AMBIENCE AND VIDEO SYSTEMS  
METSTRADE SHOW 2021, NOVEMBER 16-18, AMSTERDAM, NL - SYP, BOOTH 7.531**

The world leader in dimmable shading solutions Vision Systems will exhibit its Electronically Dimmable Windows (EDWs) including a **curved multizone dimmable glazing**, a **complete privacy solution**, and its new **Ambience Management System** and a smart **video partition**.

Vision Systems' solutions offer **ultimate comfort and design** to premium class boats; they meet the rigorous requirements of the yacht market in terms of **customization** and fit and finish. Their sleek design convey a modern high-end image allowing for **differentiation**.

Already well renowned, Vision Systems' dimmable windows are innovative systems making possible to eliminate shades that clutter up the space, block the view and require regular maintenance. They also provide a solar protection on windows where shades could not be installed or reached.

Using SPD technology, these smart solutions, directly integrated into the glazing, enable the occupant to instantly change the opacity of a window from transparent to dark, in order to regulate daylight, glare and heat while preserving the view, or for immediate privacy. They enhance **visual and thermal comfort** and create an open air feeling for a peaceful atmosphere.

Moreover, they switch to their darkest possible state when unpowered, maximizing heat rejection, contributing to a reduction of air conditioning consumption, maintaining the interior cooler and keeping the inside out of view when in port.

An integrated IR barrier comes and strengthens heat blockage. These systems also block more than 99.9% of harmful UV light (even in transparent state) to protect the occupants and to prevent the interior furnishing from fading.

Vision Systems' dimmable solutions can be incorporated into **flat or curved surfaces** and tailor **any shape** of windows, in vertical or **horizontal position** (pergolas).

**The control of these shading systems is easy**, directly on the window through a touch panel, with a control unit near the window, through a centralized control panel or tablet for master control, or automatically with integrated light or temperature sensors.

The in-house developed **electronics are integrated** which facilitates installation and retrofit and provides a **reduction in maintenance costs** compared with shades.

Building on its established internal know-how in composite, Vision Systems can supply **complete customized systems including composite frames and opening mechanisms**.

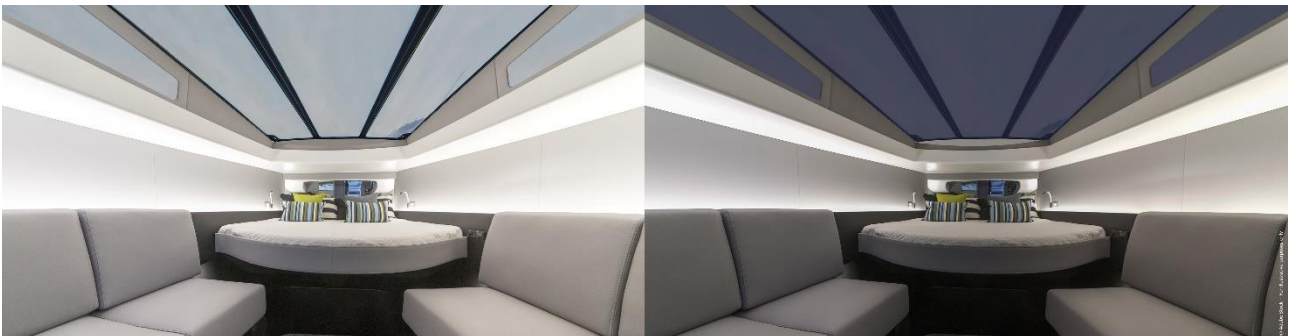


Another solution to be shown at the METSTRADE show is a dimmable window offering multizoning and mood lighting, as well as a choice of ambiances through an **Ambience Management System**.

Depending on a chosen ambience or specific moment of the day, Vision Systems' ambience management system generates the right atmosphere to offer the passengers a unique experience. Through a tablet or control panel, the traveler can select a "mood", such as reading, sleeping or waking up, leading to the automatic synchronization of the dimmable windows and the lighting to create the perfect adequacy between the selected mood and the wanted atmosphere.

Developed in-house based on Vision Systems know-how in cabin management systems, other elements could be managed by the application (temperature, video, sound) with individual or centralized control.

Lastly, Vision Systems will present a smart partition including **video projection**. The new solution consists in a glass divider displaying customizable information, images or videos to the passengers. It combines both Vision Systems' SPD dimmable solution and Gauzy's PDLC technology to offer perfect contrast and readability. When nothing is displayed, this smart partition can either be translucent, opaque white to enjoy daylight and privacy, or dark for shaded or complete privacy.



© Adobe Stock – For illustrative purposes only

[Download the image](#)

[Watch Vision Systems' video on EDWs](#)

*Headquartered in 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. The company's genuine expertise in shading systems including dimmable solutions places it today as the world leader in this area.*

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

**Sales contact: Arthur Pascual, Key Account Manager, [apascual@vision-systems.fr](mailto:apascual@vision-systems.fr) +33 4 72 31 98 10**

**Press contact: Alexandra Martin-Devaud, Marketing & Communication Manager, [amartindevaud@vision-systems.fr](mailto:amartindevaud@vision-systems.fr)**



[Join us on LinkedIn!](#)



[Discover our YouTube Channel!](#)



[Visit our web site!](#)

Vision Systems Corporate, SAS au capital de 973 431€  
54 route d'Irigny, BP 32, 69530 Brignais FRANCE - Tel +33 (0)4 72 31 98 10 Fax +33 (0)4 78 05 51 96  
SIRET : 483 345 690 00018 - APE : 7010Z - TVA intracommunautaire : FR 87 483 345 690

[www.visionsystems.fr](http://www.visionsystems.fr)