



PRESS RELEASE

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**VISION SYSTEMS PRESENTS ITS
SMART SHADING AND PRIVACY SOLUTIONS
METS TRADE SHOW, NOVEMBER 19-21, AMSTERDAM, NL - SYP, BOOTH 11.303**

The world leader in dimmable systems Vision Systems will exhibit its Electronically Dimmable Windows (EDWs) including a **curved multizone dimmable solution**, a **complete privacy solution**, and a **dimmable window with integrated transparent touch panel and mood lighting**.

Vision Systems' solutions meet the rigorous requirements of the yacht market in terms of customization and fit and finish. They offer greater comfort and **ultimate design** adapted to premium class boats.

These innovative systems make it possible to eliminate shades that clutter up the space, block the view and require regular maintenance. They also allow for a solar protection on windows where shades could not be installed.

Using SPD technology, Vision Systems' EDWs are directly integrated into the glazing. They enable the passengers 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 automatically switch to their darkest possible state when unpowered, maximizing heat rejection, contributing to a reduction of air conditioning consumption, keeping the interior cooler and offering privacy. An integrated IR barrier comes and strengthens heat blockage. These solutions 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**.

The control 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.

These dimmable solutions can be incorporated into **flat or curved surfaces**, use **plastic, glass or composite glass** and tailor **any shape** of windows, in vertical or **horizontal position**.

Vision Systems can supply **complete customized systems including integrated information display, or composite frames and opening mechanisms** produced in-house.

Among the products presented at the show is a **multizone dimmable window**. This elegant digital shade provides opacity control of a chosen zone directly on the window, for improved comfort and a more enjoyable time on the water. The sleek design of the solution conveys a modern high-end image allowing for **differentiation**.



Vision Systems will also exhibit a **privacy solution** dimming from transparent to opaque white or dark to control both daylight and privacy. This system automatically turns opaque dark when off to block out heat and to keep interior out of sight when in port.

Another solution shown at METS is a dimmable window with a **transparent touch panel** based on electroluminescent technology, and **mood lighting** to create different ambiances onboard.

Vision Systems' EDWs offer unprecedented optical quality, reliability and competitiveness.



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[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.

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