


Furthermore, as an expert in solar protection solutions and following the establishment of Smart Lite last year, a new division devoted to the design, production, and commercialization of dimmable solutions, Vision Systems will exhibit a multizone Electronically Dimmable Window (EDW).



 Vision Systems will exhibit a multizone Electronically Dimmable Window at APTA EXPO.

EDWs, integrated into the glazing, allow the passengers to tune the tint of their window from clear to dark in order to regulate daylight, glare and heat entering in, while preserving the view. 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, or automatically with integrated light sensors.

Moreover, they turn dark when the vehicle or train is stopped, keeping the interior cooler for low air-conditioning consumption. The electronics are integrated, which facilitates installation (original equipment or retrofitting) and reduces maintenance and downtime. Lastly, they are suitable for large flat or curved surfaces with different zones to be dimmed independently.

Vision Systems is also a European leader in the driver protection door's market, with its modular composite-based door comprising a reliable up/down sliding glass that separates the driver from the passengers to provide more wellness and more security to the bus drivers. Easy to install, to retrofit, and to maintain, Vision Systems' Savety-Door will be exhibited at APTA too.