

Vision Systems Smartglass products at Innotrans 2016

InnoTrans is the leading international trade fair for transport technology held every two years.



Vision Systems Smartglass products at Innotrans 2016

The 2016 event was an opportunity to showcase the versatility and diversity of innovative products using Research Frontiers film-based SPD-Smart variable light transmission technology. At four different locations at InnoTrans, Research Frontiers licensee Vision Systems, and their customers and strategic partners, exhibited many different types of SPD-Smart products all

focused on improving the passenger experience. Products included:

- A full-scale train cabin mockup equipped with many SPD-Smart passenger windows
- SPD-Smart windows with integrated transparent information displays SPD-Smart contrast enhancement filters for displays
- SPD-Smart windows with multi-zone switching capabilities
- Train passenger SPD-Smart windows
- Aftermarket driver cabin SPD-Smart windows

Vision Systems' SPD-Smart electronically dimmable windows (EDWs) provide unprecedented passenger benefits on all types of trains and other vehicles on the ground, aircraft in the air, and marine craft on the water. By enabling users to precisely control the amount of daylight and glare coming through windows, people can instantly tune the tint of the EDWs to a comfortable level while continuing to enjoy views, rather than blocking their view with a shade. The system delivers many other practical benefits including a cooler interior due to remarkable thermal insulation properties, and a quieter interior due to acoustic insulation properties.

AeroLiner3000 - Full-Scale Train Demonstrator with Vision Systems SPD-SmartGlass...