

News Release

Wabtec to Pilot Smart Windows on Shenzhen Metro Line

SHENZHEN, China Nov. 9, 2020 — Wabtec (NYSE: WAB) is partnering with Shenzhen Metro Company and CRRC Nanjing Puzhen Co., Ltd. on a pilot to test Smart Windows on transit rail cars. Featuring multi-touch technology, the highly Transparent Organic LED Smart Window will provide a view outside, while serving as an interactive information source for passengers. This pilot project supports Shenzhen's "smart city smart transport" initiative.

"The Smart Window is an exciting technology as metro transit authorities look to enhance the passenger experience," said Christophe Fevre, Wabtec's Information and Safety Business Unit Director. "This demonstration project will provide valuable, real-world information on this product and how riders interact with it. The Smart Window technology has great potential and represents the future of passenger amenities on transit rail systems."

Wabtec installed six Smart Windows on one of Shenzhen's subway trains operating on Metro Line 6. The pilot will test the technology's functionality and user experience. It represents the first application of Wabtec's Smart Windows technology on an operational subway train.

"Passengers now expect to be informed in real time of delays, traffic interruptions, and timetable changes as they happen," said Wei Wei, Managing Director of Wabtec's ANNAX (Suzhou) Rail Systems Co., Ltd. "The Smart Window technology offers a potential solution to provide riders valuable information during their commute such as the city guide, weather forecast, and stock market data. This pilot will validate the viability of the technology and provide a roadmap for future applications on transit cars."

The Smart Window uses a matrix of organic light emitting diodes and poly-silicon thin film transistors to create a high-contrast, high-resolution transparent display. The transparency automatically adjusts based on the brightness outside. The technology features touch-screen functionality and integrated speakers to play sound. The Smart Window has PIS system linkage and 4G Internet access, and reserves 5G interface. This feature enables passengers to browse the Internet. The technology is flexible enough to apply to windows, entry doors or other glass elements in a transit railway environment. The product also features a detachable design, which allows for an easy maintainability and lower repair cost for the customers.

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About Wabtec

[Wabtec Corporation](#) is a leading global provider of equipment, systems, digital solutions and value-added services for freight and transit rail. Drawing on nearly four centuries of collective experience across Wabtec, GE Transportation and Faiveley Transport, the company has unmatched digital expertise, technological innovation, and world-class manufacturing and services, enabling the digital-rail-and-transit ecosystems. Wabtec is focused on performance that drives progress, creating transportation solutions that move and improve the world. The freight portfolio features a comprehensive line of locomotives, software applications and a broad selection of mission-critical controls systems, including Positive Train Control (PTC). The transit portfolio provides highly engineered systems and services to virtually every major rail transit system around the world, supplying an integrated series of components for buses and all train-related market segments that deliver safety, efficiency and passenger comfort. Along with its industry-leading portfolio of products and solutions for the rail and transit industries, Wabtec is a leader in mining, marine and industrial solutions. Wabtec has approximately 27,000 employees in facilities throughout the world. Visit the company's new website at: www.WabtecCorp.com.

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