Thales technology selected for Vancouver SkyTrain fleet expansion

- Thales will provide its innovative Vehicle On-Board Controller (VOBC) technology on 41 new trains for the Vancouver, Canada, SkyTrain fleet expansion.
- The VOBC is a key component of Thales’ SelTrac™ Communications Based Train Control (CBTC) system.
- The VOBC technology will increase capacity and passenger safety, improving the journey for 1.3 million daily riders.

Thales will provide 82 innovative SelTrac™ Vehicle On-Board Controllers (VOBCs) on 41 new trains for the Vancouver, Canada, SkyTrain fleet expansion, which will operate on the Expo and Millennium Lines. The new technology will allow for increased capacity and reliability for passengers.

Thales’ VOBC technology is an industry-leading, ingenious solution for urban rail transportation systems like TransLink’s SkyTrain network. VOBCs control propulsion, braking, direction of travel, door operations, enforce speed limits and report identified faults.

The VOBC is also a key component of Thales’ SelTrac™ Communications Based Train Control (CBTC) system, which is equipped on the Millennium and Expo lines, allowing the new trains to operate safely and efficiently with the existing fleet.
“Thales is proud to provide Vancouver residents with state-of-the-art technology that improves their journeys, getting them to their destinations safely and reliably. Thales is a strong and trusted partner of choice for the region and its transit system, and we are excited to support Vancouver’s recognition as a world-class transit innovator,” – Mark Halinaty, President and CEO, Thales Canada.

The latest version of the VOBC technology is in operation on transit networks globally, including in Santiago, Chile, London, England, and Doha, Qatar. In Canada, Thales will deliver this VOBC solution as part of the Toronto Transit Commission’s new Finch West expansion project.

About Thales Canada

A Canadian leader in research and technology, Thales Canada combines over 50 years of experience with the talent of more than 2,500 skilled people located coast-to-coast. With revenues of over $800 million, Thales Canada offers leading capabilities in the defence, urban rail, civil aviation, digital identity and security sectors, meeting the most complex needs and requirements of its customers across all operating environments.

About Thales

Thales (Euronext Paris: HO) is a global high technology leader investing in digital and “deep tech” innovations – connectivity, big data, artificial intelligence, cybersecurity and quantum technology – to build a future we can all trust, which is vital to the development of our societies. The company provides solutions, services and products that help its customers – businesses, organisations and states – in the defence, aeronautics, space, transportation and digital identity and security markets to fulfil their critical missions, by placing humans at the heart of the decision-making process.

With 83,000 employees in 68 countries, Thales generated sales of €19 billion in 2019 (on a basis including Gemalto over 12 months).

PLEase visit

Thales Group
Market page

Samara Ben-Reuven
Thales Canada Media Relations
+1 613 355-3536
Samara Ben-Reuven@ca.thalesgroup.com