



## SIEMENS MOBILITY IN CANADA

# Preserving and evolving Canadian cities through a rail transformation

[siemens.ca/mobility](https://www.siemens.ca/mobility)

Over the next decade, Canada's rail system will undergo an important transformation, one that recalls the build-out of the transcontinental railway over 135 years ago. Canadians are about to see next-generation passenger rail networks that are efficient, reliable, safe and sustainable. Subways, tramways, and regional and intercity trains will provide new levels of service while ensuring the safety and maintaining the beauty of our communities. Our freight rail industry will enjoy continued economic growth and operational efficiency. And Siemens Mobility will be there every step of the way.

### World-class transportation for Canada

We are an innovative and reliable rail transportation partner that provides customers with full-service capabilities throughout the entire life cycle of their projects. By combining world-class innovations and local expertise, we help cities solve some of today's most complex transportation challenges while maintaining a city's unique character. Across Canada, we are poised to upgrade and enhance our nation's transit systems and in a way that retains the beauty of the Canadian landscape.



Siemens Mobility delivered our first-ever LRV in North America to Edmonton, Alberta in 1978. Thirty years later, Edmonton expanded its fleet with a new generation of vehicle, the Siemens Mobility SD160, of which it ordered 57 vehicles.

# SIEMENS

## A true partner for Canada

Siemens Mobility has been providing solutions to Canada's transportation industry for more than 40 years. We've delivered light rail vehicles (LRVs) to Edmonton and Calgary and modern trainsets to VIA Rail. Our DC traction power substations electrify the Kitchener-Waterloo light rail system while our signaling and train controls keep things moving on Ottawa's Trillium line. From Dorval, Quebec, we operate dispatching services to more than 25 railways covering 3,400 miles of track. With our acquisition of RailTerm, Siemens Mobility Canada added nearly 200 employees to its growing team. This is part of the overall Siemens footprint in Canada, which includes 24 offices, with over 2,500 employees.

## Preserving historic spaces

From outdated infrastructure to extreme weather, we tackle the world's most complex transportation challenges every day. None is more important than bringing proven, reliable transit to our great cities.

One way we are helping cities evolve while preserving historic spaces is through battery LRV technology. We've begun equipping LRVs with a battery system powered by regenerative braking. Using stored energy, these vehicles can now travel through historic downtown areas without the need for overhead wires and then seamlessly reconnect to catenary wires in other places, protecting treasured infrastructure while enabling sustainable, electrified mobility.



**We're building transit that works across seasons, provides accessibility for everybody, and is specially designed to preserve and evolve Canada's historic cities.**

## Prioritizing sustainability

Transportation is key to reaching Canada's climate goals. With clean, electric-powered mass transit, we can help achieve long-term sustainability goals and protect citizens from the harmful impacts of climate change. We see a smart, electrified rail system as the backbone of a modern, sustainable transportation system that all Canadian cities can benefit from.

## Ambitious plans for Canada

With immigration and population increases as well as heightened environmental concerns, the need to protect, invest and advance the future of Canada's public transportation is of utmost importance. We're building transit that works year-round in any climate and provides accessibility for everybody in a way that can preserve and honour Canada's historic infrastructure. We have ambitious plans for Canada to be built with new digitalized capabilities and technologies based on proven successes around the world.

- More than 800 subway trains from Siemens Mobility are in operation worldwide and transport about 2.5 billion passengers per year.
- Our products use the most innovative technologies and unique design to excel in cold and harsh winter climates.
- We are the North American market leader in Light Rail, and have more than 25 years' experience in 100% low-floor light rail technology.



Siemens Mobility is delivering 32 Venture trainsets to VIA Rail and reimagining the way Canadians travel. One of the most environmentally friendly fleets featuring some of the newest digital capabilities in North America, these trainsets will modernize transportation in Canada for future generations and help the country meet sustainability goals in the fight against climate change.

### Legal Manufacturer

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