



HITACHI

Rail Symposium 2026



Hitachi Rail

Panel 1: Railway Investment and Economic Impact

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Hitachi's Business At-a-Glance

HITACHI

Energy

- Energy Infra & Software
- Transformers & transmission (HVDC)
- SMR (Small, Modular Reactors)
Electrification
Infrastructure



Mobility

- Rail Vehicles
- Signaling & Rail Control Solutions
- Digital & AI Solutions for Rail

Industrial

- Industrial & factory automation
- Fleet & EV charging solutions
- Industrial equipment (ex. air compressors)
- Semiconductor manufacturing equipment



Digital

- IT Services
- Digital Engineering
- Storage & Cloud Infrastructure
- Financial Systems / Payments
- Datacenter: Modular DC / Power & Cooling

\$64B Revenue (FY'24)

282,000 employees worldwide

12th largest tech company in the world

182,000 global patents

\$2B annual investment in R&D

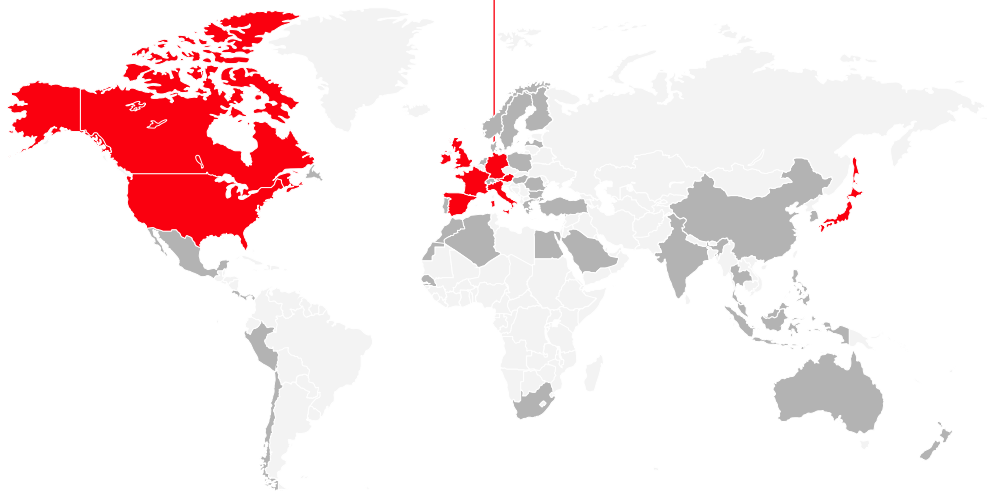
Hitachi Rail: Global presence with footprint in 50+ countries

Our New Business in Numbers

>50
Country coverage

Our Global Footprint

- Domestic markets*1
- Served markets*2



≈24k
Employees worldwide

≈12k
Engineers & technical experts

>300
Worldwide customers

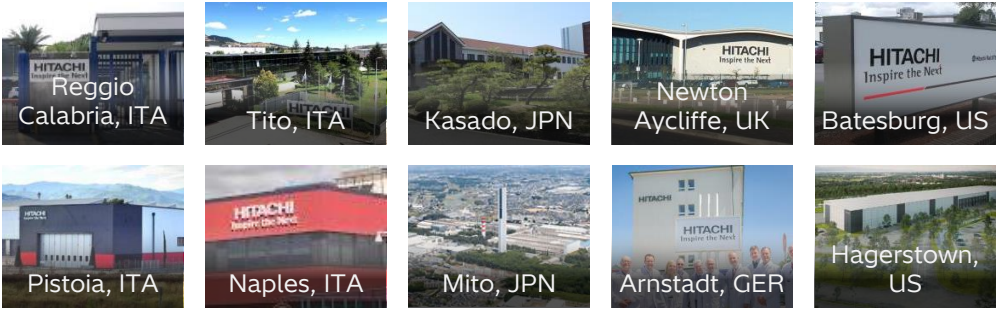
>16k
Train cars moving people around the globe

>100
Offices and laboratories

>60
Service & Maintenance locations

>26k km
Mainline signaling installed base

>4k km
Urban signaling installed base



10
Manufacturing sites

25
R&D centers

*1 Markets where Hitachi Rail has either a manufacturing facility and/or a main office *2 Countries mainly served with project offices

Rail Control

Vehicles

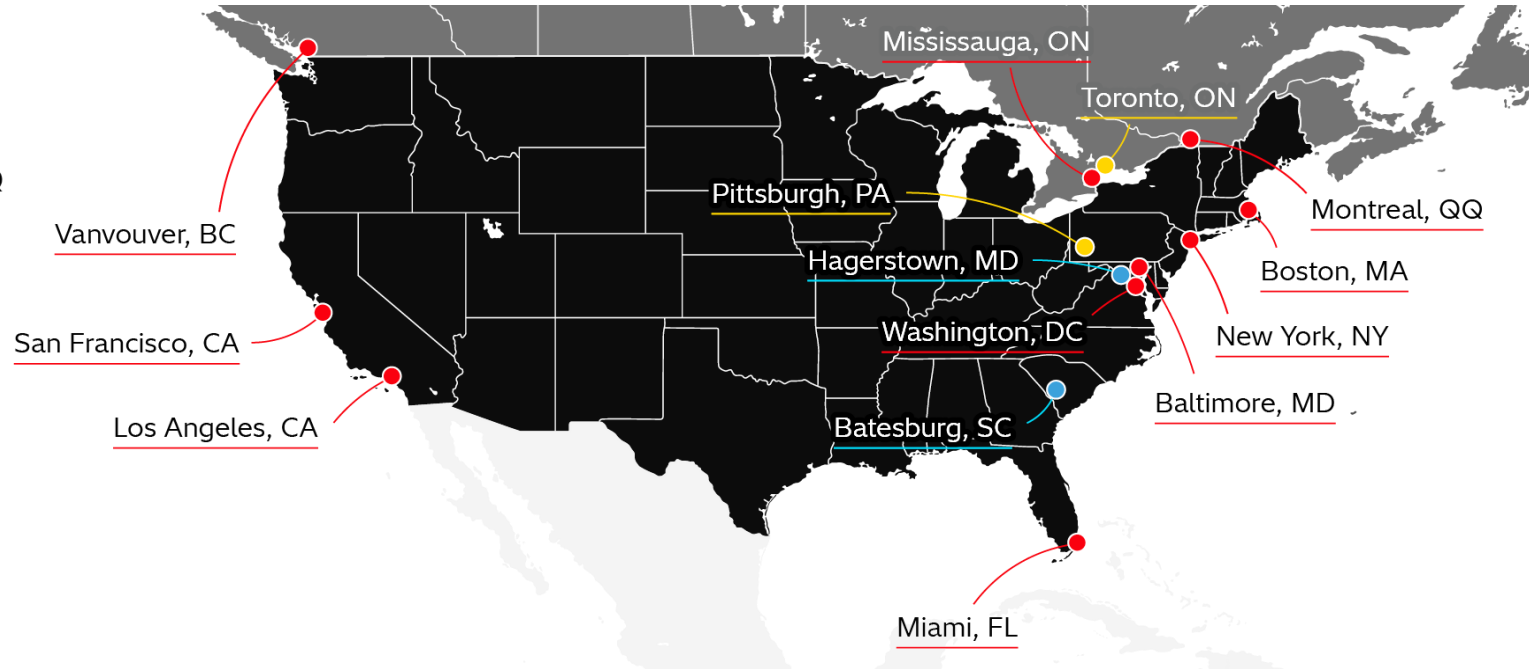
Urban signalling equipment	Light Rail	Light Metro	Heavy Metro
Mainline signaling equipment	Regional / Commuters	Intercity	Very High Speed
Turnkey solutions			

Key solutions

	On-board ETCS		Monorail		Light rail				
	On-field devices		Metro Europe		Metro US				
	Interlocking		Regional Single-deck		Regional Double-deck				
	Communication Based Train Control		AT300 SXR		AT300 WCP				
	Passenger Info Solutions		ETR 1000		Japanese High-Speed Train				
	Operations Control Center		Service & Maintenance		Smart ticketing				
	Digital Asset Mgmt (HMAX)		Video Surveillance		Video Surveillance				
Digital & Service		Traffic Management System	Video Surveillance	Operations Control Center	Passenger Info Solutions	Telcom	Smart ticketing/parking	Digital Asset Mgmt (HMAX)	Service & Maintenance

Presence in North America

- Project Sites
- Manufacturing Sites
- Hitachi Rail Country HQ



145+
years
History in Rail
business in the US

2.5k+
Employees with
plans to expand

15+
HQ's in Pittsburgh/
Toronto with
presence near our
customers

United States HQ in Pittsburgh

US Signaling and Rail Solutions Engineering, R&D, Reliability and Safety engineering, QA, Project Management, Training, Support, Administration



Batesburg Manufacturing & Service Center (Signaling)

Manufacturing of all Signaling and Rail Solutions products: Fabrication and Assembly, Factory Testing, Shipping, Warranty, House and Case Wiring



Canada HQ in Toronto

Global Headquarters for Communication Based Train Control Rail Signaling Segment



Our journey in Rail in North America

HITACHI

2026



Next Gen. CBTC technologies

Investment: C\$100M

2025



New Canadian HQ in Toronto announced

Investment: C\$30M

2024



San Francisco Muni Contract Award

Hagerstown Factory Grand Opening

Investment: \$100M*

2022



SEPTA M5 HRV Contract Award

2021



Ontario Line Turnkey Contract Award

2020



US' First Fully Autonomous Urban Railway System open in Honolulu

WMATA 8000Series HRV Contract Award

2017



BART CBTC Contract Award

2016



Baltimore HRV & CBTC Contract Award



Miami Factory opened

Reference:

<https://www.hitachirail.com/blog/hitachi-rail-invests-in-the-next-generation-rail-signaling-technology/>

<https://news.hitachirail.com/hitachi-rail-invests-30-million-in-new-canadian-headquarters>

<https://news.hitachirail.com/hitachi-rail-opens-lighthouse-digital-factory-in-the-us-3403172>



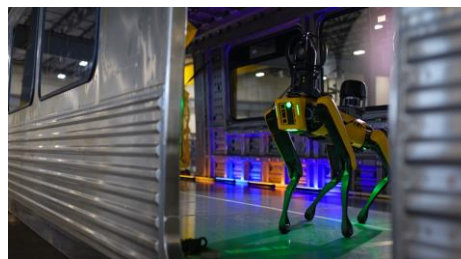
HITACHI

Invest in People and Technology

For next generation in Rail

Case 1: Investment in Next-Generation Digital Factory

“The total added value of the new digital site is set to be more than \$350M per year, bringing major economic benefits to the DC, Maryland and Virginia regions. *\$100M Hagerstown site represents a strategic investment in North America, sustaining 1,300 jobs and delivering the next generation of rail manufacturing*”.



Location

Hagerstown,
Maryland, USA

Size

- Over 300,000 sq ft
- 800-yard test track with signaling technology

Capacity

Up to 20 metro cars/month

Workforce

Over 450 Hitachi team members

Features

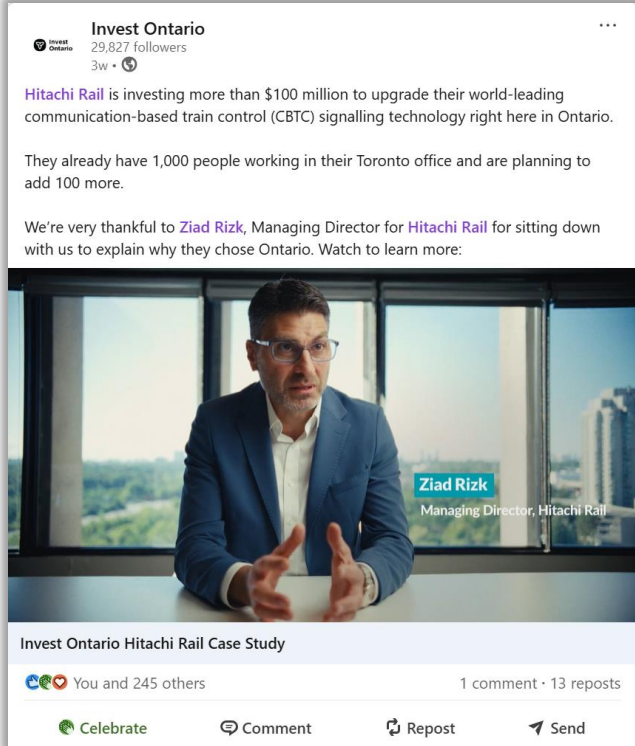
- Manufacturing production began in 2024
- Completion of digital and green technology, and Hitachi experience center in September 2025

Key Projects

- Baltimore Metro 78 cars (39 MP)
- WMATA 8000-Series 256 cars (128 MP)
- Ontario Line 124 cars (31 MP)
- SEPTA M5 200 cars

Case 2: Investment in Next-Generation Technology

“With the support of the Ontario government, we’re advancing the next generation of our CBTC technology in Toronto—creating 100 new highly skilled jobs and growing our team to more than 1,200 employees.”



Invest Ontario
29,827 followers
3w •

Hitachi Rail is investing more than \$100 million to upgrade their world-leading communication-based train control (CBTC) signalling technology right here in Ontario.

They already have 1,000 people working in their Toronto office and are planning to add 100 more.

We're very thankful to **Ziad Rizk**, Managing Director for **Hitachi Rail** for sitting down with us to explain why they chose Ontario. Watch to learn more:

Ziad Rizk
Managing Director, Hitachi Rail

Invest Ontario Hitachi Rail Case Study

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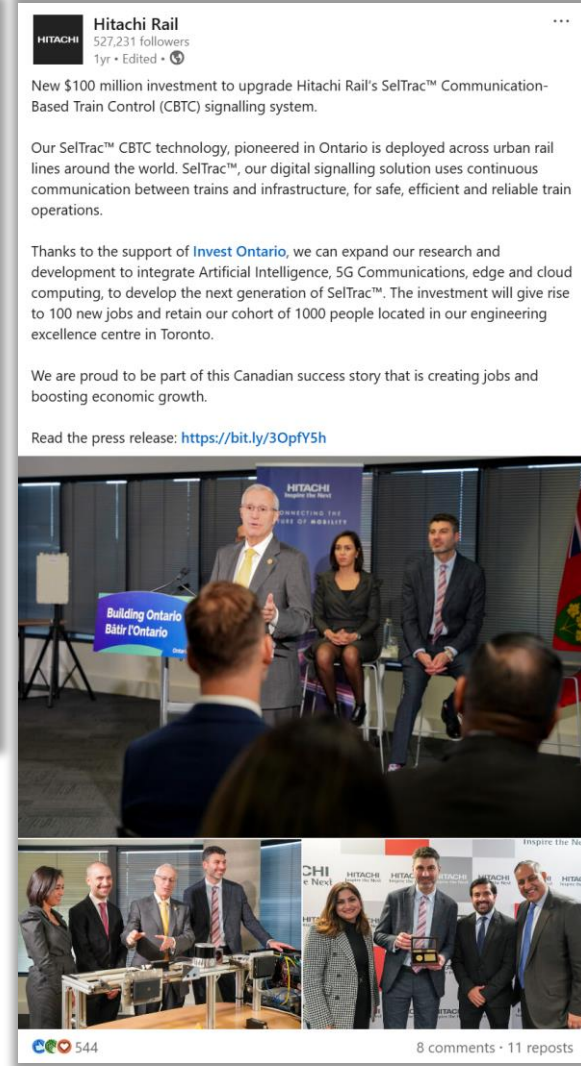
Celebrate Comment Repost Send



NEW INVESTMENT

Hitachi Rail invests \$100M in Ontario, Canada.

Invest Ontario



Hitachi Rail
527,231 followers
1yr • Edited •


New \$100 million investment to upgrade Hitachi Rail's SelTrac™ Communication-Based Train Control (CBTC) signalling system.

Our SelTrac™ CBTC technology, pioneered in Ontario is deployed across urban rail lines around the world. SelTrac™, our digital signalling solution uses continuous communication between trains and infrastructure, for safe, efficient and reliable train operations.


Thanks to the support of **Invest Ontario**, we can expand our research and development to integrate Artificial Intelligence, 5G Communications, edge and cloud computing, to develop the next generation of SelTrac™. The investment will give rise to 100 new jobs and retain our cohort of 1000 people located in our engineering excellence centre in Toronto.

We are proud to be part of this Canadian success story that is creating jobs and boosting economic growth.

Read the press release: <https://bit.ly/3OpfY5h>



Building Ontario
Bâtir l'Ontario



544
8 comments • 11 reposts

Invest in People

100 new high-skill jobs,
1,000 roles sustained.

Key Technology

Next Generation CBTC technology,
Integrating AI, 5G, and edge computing

Government Support

Supported by Government of Ontario and Invest Ontario


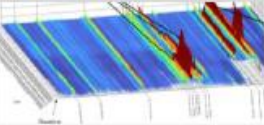


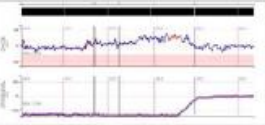








HITACHI

Thank You!

HITACHI

Back-up

Applications

Axle bearing condition 	Track condition /Rail break 	Rail head condition 	Pantograph 	Ride quality 	FFCCTV*1 Track/ Tree/Level crossing 	New Applications 
Gauging/Kinematic Envelope 	Video and laser 3D measurement 	Track Geometry 	Ballast, Rail clips and joints 	Infrastructure asset monitoring 	Level crossing Signalling relay 	More Applications

Algorithm / AI

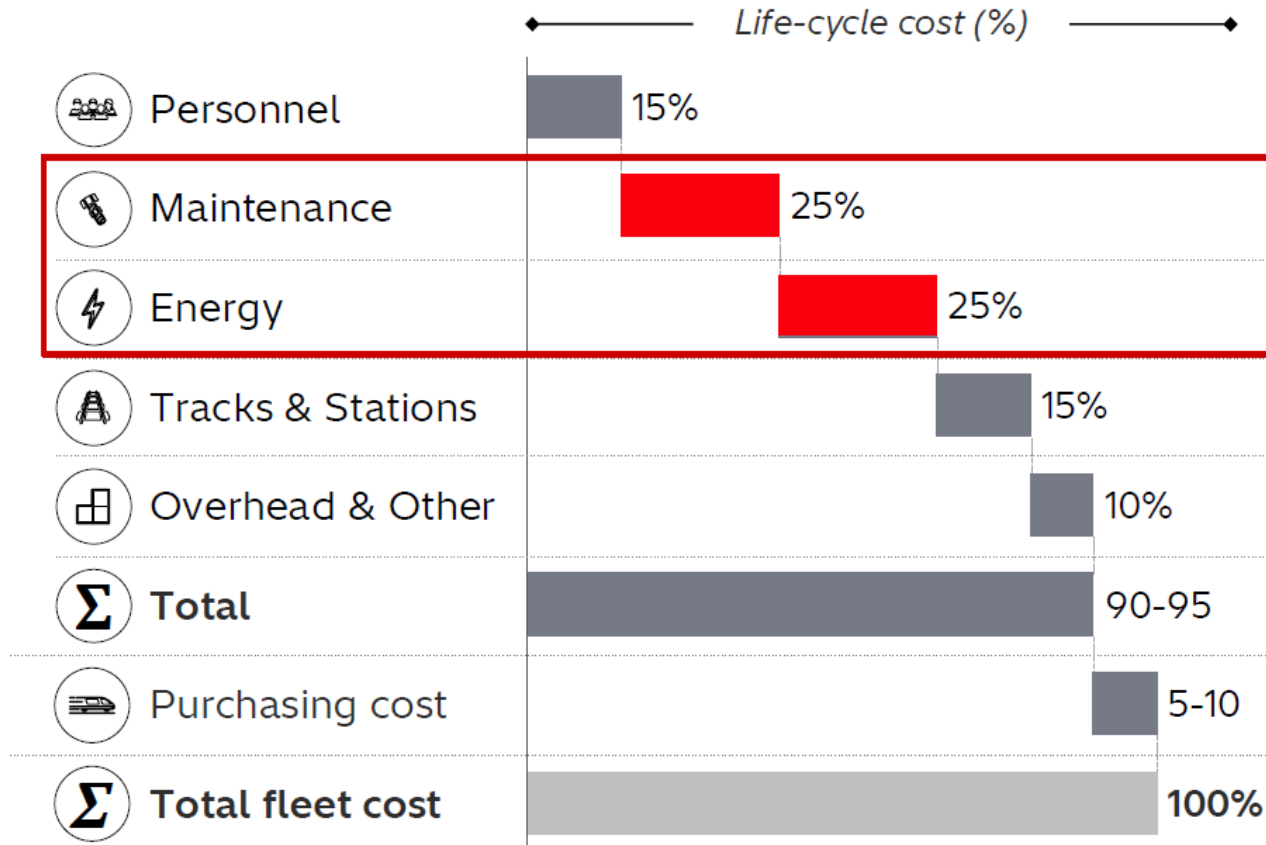
Data Integration

Unified Data lake

Data Foundation

 Train	 On Board Signalling	 Wayside Signalling	 Infrastructure	 Line Power Supply
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Total Cost of Ownership: Transforming the value chain model



50%

HMAX
addresses
paramount
segments of our
customers' TCO
turning data
into value

New Office Location - Global CBTC Competence Centre in Toronto

100 Consilium Place, Scarborough

- **5.5 Floors** – Floor #10, part of #12 for technical floors and #14 – 17 for office space
- **136,000 square ft**
- **650 desks** for hybrid working of **1,000 employees** – Engineering, Legal, Finance, Marketing/Comms/Strategy, HR, Sales/Bids, IT, Deployment, Procurement, Safety, Quality, Projects, Research & Development
- **Building Amenities:** Gym, Daycare, EV Chargers, Bike Racks
- **LEED Silver** and **BOMA certified** building

