



CANADIAN CAPABILITIES

ITS World Congress 2019



Smart Mobility, Empowering Cities



Foreign Affairs and
International Trade Canada
Trade Commissioner Service

Affaires étrangères et
Commerce international Canada
Service des délégués commerciaux

Canada



COMPANY LISTINGS

Companies Details.....	3	Netlift	8
Aecom	3	NovAtel (Hexagon PI).....	8
Baultar	3	Novax Industries Corporation.....	8
Behavior Business Solutions	3	OPAL-RT	9
Blackberry Ltd.	3	PMG Technologies	9
Blaise Transit.....	4	WSP.....	9
Blue City Technology.....	4	Partners.....	10
Brisk Synergy.....	4	Alberta Office in Singapore.....	10
Ciamil	4	Automotive Parts Manufacturers' Association (APMA).....	10
City of Montreal.....	5	Association québécoise des transports (AQTr)	10
Econolite Canada Inc.....	5	British Columbia Office in Singapore	11
Escript.....	5	Canadian Trade Commissioner Service	11
Eweego.....	5	Export Development Canada	11
Genetec.....	6	ITS Canada	12
Hyperlight Systems	6	Ontario Centres of Excellence/Autonomous Vehicle Innovation Network	12
International Road Dynamics.....	6	Propulsion Québec	12
iSmartWays Technology	6	Québec Office in Singapore	12
Jalon Montréal	7	Transport Canada	13
LeddarTech	7		
Innovation MI-8 Inc.....	7		
Miovision.....	7		
Movex Innovation	8		

Companies Details

Aecom: *Built to deliver a better world*



AECOM is a global network of experts working with clients, communities and colleagues to develop and implement innovative solutions to the world’s most complex challenges. We connect expertise across services, markets, and geographies to deliver transformative outcomes. Worldwide, we design, build, finance, operate and manage projects and programs that unlock opportunities, protect our environment and improve people’s lives.

▲ Québec, QC | 🌐 www.aecom.com

Baultar: *Durable flooring and seating solutions*



Baultar designs and develops a wide variety of floors, seats, accessories for the mass transit transportation, rail freight and architectural markets. The floors / seats are subjected to a large number of tests in labs and on the field.

▲ Québec, QC | 🌐 www.baultar.com

Behavior Business Solutions: *Applying gaming skills to mobility*



Founded in 1992, Behaviour Interactive is one of Canada’s largest independent game developer, employing 415 talented people in Montreal (Canada). The studio’s objective is to deliver high-quality and commercially successful games, while staying on the cutting-edge of industry trends in the digital markets, and exploring fresh ideas and connected experiences to keep players entertained. They have collaborated with the world’s top brands to develop engaging solutions that support internal growth. Their experiences have been applied across several industries, particularly in the Transport, Banking and Insurance verticals.

▲ Montréal, QC | 🌐 www.bhvr.com

Blackberry Ltd.: *Protecting Our World, Securing Your Future*



BlackBerry Ltd. is a Waterloo, Ontario based company, with a worldwide workforce, developing enterprise and embedded software, machine learning, and artificial intelligence for industries where safety and security are a must. The top 7 of the automotive tier 1s, 7 of the G7 Governments, NATO, 10 of the 10 largest commercial banks, 8 of the 10 largest healthcare companies, and 9 out of 10 of the largest automotive OEMs all trust BlackBerry for performance, security, and reliability.

▲ Waterloo, ON | 🌐 www.blackberry.com

Blaise Transit: *Bus transit based on demand*



Using artificial intelligence, Blaise's advanced algorithms optimize the entire transportation network in real time. Shorter, more direct commutes for users and highly efficient operations for transit agencies.

▲ Montréal, QC | 🌐 www.blaisetransit.com

Blue City Technology: *AI and Lidar technology for traffic monitoring*



Blue City Technology is on a mission to improve the safety and efficiency in road networks by providing data through innovative sensing technologies. They work with city planners to create safer crossings and intersections with their lidar-equipped traffic monitoring solutions.

▲ Montréal, QC | 🌐 www.bluecitytechnology.com

Brisk Synergy: *Automated road safety analysis*



Brisk Synergies is the leader in automated road safety. Applying surrogate safety analysis on connected traffic cameras and on-vehicle video cameras. Their software platform provides automated video analysis of traffic flow for effective and immediate road safety diagnosis and evaluation interventions.

▲ Québec, QC | 🌐 www.brisksynergies.com

Ciamil: *Accelerating innovation in mobility*



The Centre d'incubation et d'accélération en mobilité intelligente à Laval - Laval Smart Mobility Incubator and Accelerator (CIAMIL) is a centre of excellence/testing laboratory for technology projects carried out in collaboration with originators, namely the Société de transport de Laval (STL) and the City of Laval.

By enabling access to technological resources and databases dedicated to new and existing creative businesses, we collectively succeed in implementing urban mobility innovations that help improve travel quality.

▲ Laval, QC | 🌐 www.mobiliteintelligente.com

City of Montreal



Montreal Department of Transportation (DOT) representative looking to:

- Nurture network/relationship
- Learn and understand new approaches from cities DOT for innovative approach in our core expertise (real time systems in TMC)
- Increase technical knowledge
- Increase change management knowledge and strategies
- Share with network, Montreal's vision, goals and challenges toward systems and modern open architecture

▲ Montreal, QC | www.ville.montreal.qc.ca

Econolite Canada Inc.: *Intelligent Traffic System – Detection, Radar, Software*



Econolite is an innovator of Intelligent Transportation System (ITS) solutions, products, and services. Econolite Canada is committed to employing advanced technologies that reduce travel time, ease congestion, enhance transit operations, provide safer mobility, and improve quality of life.

▲ Markham, ON | www.econolite.ca

Escrypt: *Security trust success*



At ESCRYPT, we believe that security and privacy are important, no matter the size of the device. We are focused on bringing safety and peace of mind to an increasingly connected and data-driven world. We use our breadth and depth of experience to give our customers the edge they need against ever evolving cyber security threats.

ESCRYPT is the only security company that builds both the V2X Security Credential Management Systems (SCMS), back-office infrastructure and the embedded technology enabling IEEE 1609.2 implementation for V2X security on onboard and road-side units.

▲ Waterloo, ON | www.escrypt.com

Eweego: *Mobile ticketing for public transport*



Eweego innovates giving all transit users the ability use their mobile phone to buy and validate their tickets wherever they are using public transportations on the planet.

▲ Matane, QC | www.eweego.ca

Genetec: *Physical security Solution*



Genetec develops open-platform software, hardware and cloud-based services for the physical security and public safety industry. Its flagship product, 'Security Center', unifies IP-based video surveillance, access control, automatic license plate recognition (ALPR) into the platform. A global innovator, Genetec serves enterprise and government organizations via an integrated network of resellers, integrators and consultants in over 80 countries.

▲ Montreal, QC | www.genetec.com

Hyperlight Systems: *Access for Everyone. Everywhere*



We accelerate digital transformation and leverage cutting-edge technologies to solve complex urban challenges, making our environment Smarter and Better. We are Vancouver-based solutions providers with innovation at our core, and over 20 years of combined experience in delivering technology solutions to the public and private sectors. With unmatched industry knowledge in the M2M/Internet of Things, we have perfected the use of customised RFID, BLE Beacons, GPS and LoRaWan to solve real-life problems.

▲ Vancouver, BC | www.hyperlight.systems

International Road Dynamics: *Smart Cities, Roads and Infrastructure*



**International
Road Dynamics Inc.**

IRD (International Road Dynamics Inc.) is a multi-discipline, technology company with the expertise to integrate complementary ITS (Intelligent Transportation Systems) technologies into systems designed to solve unique and challenging transportation problems. IRD is the one source company that can offer multi-systems solutions by integrating a number of different technologies to the desired functionality.

▲ Saskatoon, SK | www.irdinc.com

iSmartWays Technology: *Delivering a connected future*



iSmartWays Technology Inc. is an innovative company founded in 2014, dedicated to researching and developing state of the art technologies and solutions on intelligent vehicle and smart transportation. It is based in Alberta, Canada, with three research and development center and subsidiary located in Silicon Valley, China and India.

iSmartWays aims to improve the safety, efficiency, and sustainability of traffic management throughout the world by establishing a Vehicle to Everything(V2X) ecosystem of connected people, vehicles, roads, and traffic infrastructure.

▲ Edmonton, AB | www.ismartways.com

Jalon Montréal: *Fostering the mobility of tomorrow*



Our mission? To accelerate the emergence of solutions and innovations by rallying partners in the electric and intelligent transportation ecosystem shaping tomorrow's urban mobility.

▲ Montréal, ON | [📧 jalonmtl.org](http://jalonmtl.org)

LeddarTech: *Solid state sensing technology*



LeddarTech is the developer and owner of Leddar, a patented solid-state LIDAR sensing technology developed over 10 years that delivers superior performance and reliability at highly competitive prices. At the core of Leddar technology is a unique combination of light wave digital signal processing and advanced software algorithms that constitute a novel approach in light detection and ranging.

▲ Québec, QC | [📧 www.leddartech.com](http://www.leddartech.com)

Innovation MI-8 Inc.: *Intelligent transport systems as a service*



MI-8 specializes in ensuring performing intelligent transport systems above and beyond the underlying technology. We can design, install and integrate ITS solutions. Our expertise includes intelligent on and off street parking solutions, dynamic parking guidance systems and traffic data collection systems.

▲ Lachine, QC | [📧 mi8innovation.com](http://mi8innovation.com)

Miovision: *Smart cities start here*



Miovision's mission is to provide the foundation for tomorrow's smart cities by transforming the way traffic networks are managed today. Backed by the world's most advanced Traffic AI, Miovision's innovations in traffic signal planning and operations have made it possible for cities to improve the transportation experience for drivers, cyclists, and pedestrians since 2005. With offices in Kitchener, Canada and Cologne, Germany, Miovision serves over 17,000 municipalities worldwide.

▲ Kitchener, ON | [📧 www.miovision.com](http://www.miovision.com)

Movex Innovation: *Materials handling tools and equipment*



Wireless and remote controlled electric powered tracked vehicles designed to climb up and down staircases and to transport heavy loads in confined spaces, and on any type of terrain.

▲ Shawinigan, QC | www.movexinnovation.com

Netlift: *Door-to-door carpool and parking platform*



Your office parking is saturated? Offer better commuting options. Netlift works with your company to determine needs and constraints in relation to employee mobility. Our goal is to provide a sustainable mobility solution while optimizing parking facility usage.

▲ Montréal, QC | www.netlift.me

NovAtel (Hexagon PI): *GPS & GNSS Equipment, Products & Solutions*



NovAtel is a global technology leader, pioneering end-to-end solutions for assured positioning for land, sea, and air. NovAtel designs, manufactures and sells high precision positioning technology developed for efficient and rapid integration. Its solutions are empowering intelligent positioning ecosystems in vital industries that depend on the ability to tackle the most complex challenges in the most demanding environments. All of our products are backed by a team of highly skilled customer support and design engineers. NovAtel, based in Calgary, AB Canada, is part of Hexagon's Positioning Intelligence (PI) division, which also includes VERIPOS. Hexagon is a global leader in digital solutions that create Autonomous Connected Ecosystems (ACE). Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.8bn EUR.

▲ Calgary, AB | www.novatel.com

Novax Industries Corporation: *Moving with you*



Novax designs and manufactures high quality, long lasting and very efficient solid-state electronic traffic control products for the Intelligent Transportation Systems (ITS) market. Novax offers a complete product line that includes a range of adaptable controller mainframes. Maintaining its position at the leading edge, Novax is developing a new range of highly durable wireless pedestrian and traffic control related products that will revolutionize the industry.

▲ Delta, BC | www.novax.com

OPAL-RT: *Automotive real-time simulation solutions*



OPAL-RT is the world leader in the development of PC/FPGA-based real-time simulators, Hardware-in-the-Loop (HIL) testing equipment and Rapid Control Prototyping (RCP) systems to design, test and optimize control and protection systems used in power grids, power electronics, motor drives, automotive, trains, aircraft and various industries, as well as R&D centers and universities.

▲ Montreal, QC | www.opal-rt.com

PMG Technologies: *Motor vehicle test and research center (MVTC)*



Transport Canada's only motor vehicle test. PMG Technologies performs test in accordance with a large number of standards and protocols, including the Canadian Motor Vehicle Safety Standards (CMVSS) and the Federal Motor Vehicle Safety Standards (FMVSS).

▲ Blainville, QC | www.pmgtest.com

Solace Systems: *Open Data Movement*



We are the creators of PubSub+, an advanced event broker that can be used to create an event mesh. As the only unified message broker that supports publish/subscribe, queueing, request/reply and streaming using open APIs and protocols (such as JMS, REST, MQTT, WebSockets and AMQP) across hybrid cloud and IoT environments, we rapidly and reliably route information between applications, devices and people. Established enterprises such as SAP, Barclays and American Express as well as high-growth companies such as VoiceBase and Jio use our smart data movement technologies to modernize legacy applications and successfully pursue analytics, hybrid cloud and Internet of Things strategies.

▲ Ottawa, ON | www.solace.com

WSP: *See the future more clearly, design for it today.*



WSP is one of the world's leading engineering professional services consulting firms, bringing together approximately 49,000 talented people globally. We are technical experts who design and provide strategic advice on sustainable solutions and engineering projects that will help societies grow for lifetimes to come.

▲ Montreal, QC | www.wsp.com

Partners

Alberta Office in Singapore



The Government of Alberta is committed to encouraging a more diverse base of economic activity and to boosting trade and investment within Alberta's knowledge-based industries. Originating in the oil and gas sector. Alberta's transport sector consists of world-class companies with expertise in diverse business areas.

▲ Alberta | [🌐 investalberta.ca/international-offices/singapore/](https://investalberta.ca/international-offices/singapore/)

Automotive Parts Manufacturers' Association (APMA)



The APMA is Canada's national association representing OEM producers of parts, equipment, tools, supplies, advanced technology, and services for the worldwide automotive industry. The Association was founded in 1952 and its members account for 90% of independent parts production in Canada.



apmaTEC (Technical Enhancement Center) is a Canadian-based organization responsible for the development, implementation and delivery of the AVIN/APMA Demonstration Zone Project in Stratford, Ontario. Our objective is to support Small to Medium sized Enterprises (SMEs), with the demonstration of their connected/autonomous technology, in a fleet of 20 vehicles (Sedans, CUVs, SUVs, Transit Buses and Utility Trucks), to global original equipment manufacturers (OEMs), Tier 1 and 2 parts manufacturers, multinational enterprises (MNE) and other potential customers.

▲ Toronto, ON | [🌐 apma.ca](https://apma.ca/) / apmatec.ca

Association québécoise des transports (AQTr): *The forum "par excellence" in transport*



Founded in 1964, the "Association québécoise des transports (AQTr)" has the mission of "Mobilizing the transportation community to promote knowledge exchange and training in the field". With the expertise of its members, it is the forum "par excellence" in transport. Fondée en 1964, l'Association québécoise des transports (AQTr) a pour mission de « Mobiliser la communauté des transports afin de favoriser l'échange des connaissances et la formation dans le domaine ». Forte de l'expertise de ses membres, elle se veut le forum par excellence en transport.

▲ Montreal, QC | [🌐 www.aqtr.com](https://www.aqtr.com)

British Columbia Office in Singapore



British Columbia is a key transportation hub with ports providing the shortest sea route between the Asia-Pacific region and North America. The province has an efficient, reliable network of marine ports, airports, rail lines and highways connecting products to markets. B.C. is a leader in transportation innovation with local entrepreneurs and organizations implementing proven tactics to improve transportation. Trade and Invest BC pursues strategic opportunities to promote British Columbia internationally and accelerate provincial exports, develop international partnerships, and increase awareness of local competitive advantages.

▲ British Columbia | 📧 www.britishcolumbia.ca

Canadian Trade Commissioner Service: *foreign market expertise*



The Canadian Trade Commissioner Service (TCS) helps Canadian companies and organizations succeed globally by promoting the economic interests of Canada in the global marketplace. The TCS has trade offices across Canada and in 161 offices around the world. We can provide Canadian businesses with on-the-ground intelligence, qualified contacts, partnership opportunities and practical advice on foreign markets to help you make better, timelier and cost-effective decisions in order to achieve your goals abroad. If you are looking to do business in Canada, the TCS global network of trade professionals can assist foreign companies in making Canada their next investment destination.

▲ Ottawa, ON | 📧 www.tradecommissioner.gc.ca

Export Development Canada: *realize a world of opportunity*



Export Development Canada (EDC) is Canada's export credit agency. Our job is to support and develop Canada's export trade by helping Canadian companies respond to international business opportunities. We are a self-financing, Crown corporation that operates at arm's length from the Government. We provide insurance and financial services, bonding products and small business solutions to Canadian exporters and investors and their international buyers. We also support Canadian direct investment abroad and investment into Canada. Much of our business is done in partnership with other financial institutions and through collaboration with the government of Canada.

▲ Ottawa, ON | 📧 www.edc.ca

ITS Canada: *The hub for mobility technologies*



The Intelligent Transportation Systems Society of Canada (ITS Canada) is the hub for mobility technologies. We actively support the use of Intelligent Transportation by advocating its benefits, showcasing the expertise of our members, as well as their products and services, and by providing the necessary tools, platforms and fora for networking, learning and collaboration. The profile of ITS Canada extends beyond national boundaries; the Society and its members play prominent roles in the international ITS community. ITS Canada has entered into a number of Memoranda of Understanding with colleague organizations around the world.

▲ Mississauga, ON | www.itscanada.ca

Ontario Centres of Excellence/Autonomous Vehicle Innovation Network



The Autonomous Vehicle Innovation Network (AVIN) builds upon Ontario's position as a world-leading automotive manufacturing and supply jurisdiction in addition to the large cluster of information and communication technology companies operating in the province. Through resources such as research and development (R&D) funding, talent development, technology acceleration, business and technical supports and demonstration grounds, AVIN provides a competitive advantage to Ontario-based connected and autonomous vehicle (C/AV) companies – allowing Ontario to reinforce its position as a North American leader in transformative automotive technologies, as well as transportation and infrastructure systems.

▲ Toronto, ON | www.avinhub.ca

Propulsion Québec: *Grappe des transports électriques et intelligent*



Propulsion Québec is the Quebec cluster in the electric and smart transportation. They rally the entire sector around joint projects aimed at positioning Quebec as a global leader in developing and implementing smart and electric modes of ground transportation.

▲ Montreal, QC | propulsionquebec.com

Québec Office in Singapore



The Québec Government Office in Singapore carries out a primarily economic mandate by promoting Québec expertise in sectors of common interest as well as by identifying business opportunities and partnerships for Québec companies, institutions and organisations wishing to position themselves in Singapore and Southeast Asia in general.

▲ Singapore/Singapour | www.international.gouv.qc.ca/en/singapour

Transport Canada



Transport Canada is responsible for developing and overseeing the Government of Canada's transportation policies and programs so that Canadians can have access to a transportation system that is safe and secure, environmentally responsible, innovative and efficient. We play a key leadership role in ensuring that all parts of the transportation system across Canada work together effectively. We do so by collaborating with various groups including industry, provincial and territorial governments, Indigenous people and international partners.

▲ Ottawa, ON | www.tc.gc.ca

FOR ADDITIONAL INFO PLEASE CONTACT:

GUY BÉLANGER

Trade Commissioner
High Commission of Canada to Singapore
Guy.Belanger@international.gc.ca
Tel: +65 6854-5857



Global Affairs Affaires mondiales
Canada Canada

JANNEKE VAN DER ZEE

Managing Director
ITS Canada
janneke@itscanada.ca
Tel: +1 905 593 0947
Mobile : +1 416 859 2187

JOE LAM

Chair, International Business Development Committee
ITS Canada
joe@itscanada.ca
Tel: +1 905 593 0947
Mobile: +1 416 892 8396

KARINE VILLENEUVE

Vice-President, Operations & Development
Propulsion Québec
karine.villeneuve@propulsionquebec.com
Tel: +1 514 360 0646