



**A**fter two long years, we are thrilled to finally host the Best Defence Conference as an in-person event once again.

Now in its eleventh year, Best Defence Conference continues to offer great value for attendees already in the Canadian defence marketplace, as well as those new to the industry. Our motto continues to be “Best Defence – Best Value!”

Best Defence only succeeds because of the valuable counsel and support of our great Advisory Board. My heartfelt and sincere thanks to:

- John de Boer, BlackBerry
- Greg Burton, Dew Engineering
- Manoj Mehta, FPH Group
- Doug Wilson-Hodge, General Dynamic Land Systems-Canada
- Mark Patterson, SRC Canada

- Kristen Csenkey, PhD Candidate (Global Governance with a focus on Cybersecurity) at the Balsillie School
- Eva Martinez, Bluedrop Training
- Peter Studer, CFN Consultants
- Ken McConnell, FedDev Ontario
- Alex Tsoulis, MHI Canada Aerospace
- Stan Jacobson, Seaspan Shipyards

More than ever, our military and government realize how imperative it is that they collaborate with the private sector to access and implement the most innovative of technologies in this fast changing and complex world.

Due to the depth of our program this year, we only had room for a limited number of companies to participate in the Tech Showcase. Check out these amazing companies below and make sure to meet with them at the conference.



**HEXAGON**

Madison, Alabama | Mississauga, ON  
Presenting: Olivier Grenier-Lafond, Sales Account Representative  
Email: olivier.grenierlafond@hexagon.com

Hexagon’s Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world’s critical services and infrastructure. We support more than two dozen departments and ministries of national defence, delivering mapping and imagery intelligence capabilities and enabling real-time, high-performance applications for command and control, mission planning and more.

With Hexagon’s solutions, customers can produce, analyze and manage geospatial information and develop fast, precise

and powerful C4ISR applications. Hexagon’s location intelligence and geospatial platforms help defence agencies transform complex data into informed decision-making. Our solutions empower armed forces and defence companies with geospatial intelligence and real-time situational awareness capabilities across air, land, sea and joint operations.



Waterloo, ON  
Presenting: Gary Allan, Principal Engineer  
Email: gallan@kaimaging.com

Founded in 2015, KA Imaging is a spin-off from the University of Waterloo that specializes in innovative X-ray imaging technologies and systems.

The company develops unique detectors

and imaging products that leverage cutting edge multi-energy and phase contrast X-ray technologies for medical, industrial, veterinary, non-destructive test (NDT), and scientific imaging customers.

KA Imaging is at the Best Defence Conference presenting its Reveal 35C, a single-exposure dual-energy X-ray detector. From one X-ray exposure, this detector provides 3 different images with no motion artifacts: a standard X-ray, and two additional images that can separate two different materials such as metals and plastics. The highly affordable, portable detector is universally compatible with existing X-ray sources, does not change existing X-ray techniques and can be used in remote or hard to access settings.

Given its flexibility, the technology can benefit applications including aerospace, naval and automotive NDT, military uses for battlefield trauma and prolonged care and also portable security screening.



Denver, CO | Ottawa, ON  
Presenting: Jim Merson,  
Email: [jmerson@palantir.com](mailto:jmerson@palantir.com)

Build a Secure Data Foundation | Access the Right Data at the Right Time | Protect Data and Secure Civil Liberties | Transform the Intelligence Enterprise

Palantir Technologies Canada Inc. can integrate data of any type, size, source, or format while preserving the integrity and classification of source systems. Granular access controls govern how users can interact with data according to role, classification, or purpose. Palantir can also integrate streaming data, such as video feeds, in real time, and federate searches to external sources. Once integrated, Palantir provides tools to refine high-noise, high-volume datasets. It also provides infrastructure to enable training, testing, evaluation, deployment, and maintenance of customer developed and third-party integrated artificial intelligence and machine learning capabilities. By providing technology that augments human judgment and expertise and helps make massive-scale data manageable and useful, Palantir gives everyone from analysts to executives the tools they need to make decisions based on a compounding knowledge asset. Palantir is ready to deploy off the shelf.



Ottawa, ON  
Presenting: Niek Van Dierdonck, CEO  
Email: [nvandierdonck@redlore.com](mailto:nvandierdonck@redlore.com)

RedLore's solution tracks the location and condition of objects and people in real-time. It renders operational processes "touchless", saving costs while bringing resilience to human error. RedLore replaces dated manual processes such as counting, barcode scanning and RFID scanning, used by manufacturers, distributors, logistics providers and healthcare organizations.

RedLore's patented solution comprises of low-cost IoT tags, which are attached to equipment, inventory, reusable packaging, and people. The cloud-based algorithms transform raw data into efficiency-boost-

ing insights, which are displayed on the control tower or sent to the customer's IT system.



Scott Carlson, CFO  
VoltSafe  
[scott@voltsafe.com](mailto:scott@voltsafe.com)

Meet the world's first high-voltage prongless plug. VoltSafe is changing the way people connect and control electricity by re-inventing the electrical plug. By eliminating prongs, using magnets and a patented "electrical fingerprint", VoltSafe has created the world's safest, simplest, and smartest prongless plug and outlet design ever.

The internal circuitry ensures the plug remains in a power-off mode until both sides are securely connected, setting a new standard in electrical safety.

With IoT connectivity and built-in energy management at the outlet level, power can be monitored and controlled from a smartphone or dashboard optimizing energy efficiency. Scalable to any amperage, VoltSafe has developed magnetic plug replacement solutions that span autonomous vehicles, defence, industrial, commercial, and residential sectors.



**SAAB**

Ottawa, ON  
Vera Reifenstein, Director Sales and Marketing, Canada  
[vera.reifenstein@ca.saabgroup.com](mailto:vera.reifenstein@ca.saabgroup.com)

A leading defence and security company, Saab's solutions have supported the Canadian Armed Forces for over 35 years. Currently active on several major Canadian programs, Saab Canada has operations across the country, including facilities in Ottawa, Halifax, Burnaby and Medicine Hat.

Our land solutions are designed to meet the safety needs that arise from a wide range of threats including conflict, terrorism, accidents or natural disasters. By creating flexible defence and security solutions using new technology, we contribute to making society safe with world-leading products and services from military defence to civil security. By pushing the boundaries of what is possible today, we develop technology to meet our clients' future needs.

Saab currently serves the Canadian Army with several notable products including the Carl-Gustaf man-portable weapon system and ammunition and Barracuda signature management products and camouflage solutions.

Saab continues to seek opportunities to provide new capabilities in Canada. Upcoming opportunities for Saab Canada include our Mobile Short Range Air Defence Solution (MSHORAD) for Ground Based Air Defence, our leading ground combat products including the latest Carl Gustaf M4, NLAW and AT4 and our live force on force training systems and simulation capabilities that allow for interoperability during multinational exercises. Further opportunities exist for additional signature management solutions with a focus on the critical need for Mobile Camouflage systems specific to vehicles. ■

