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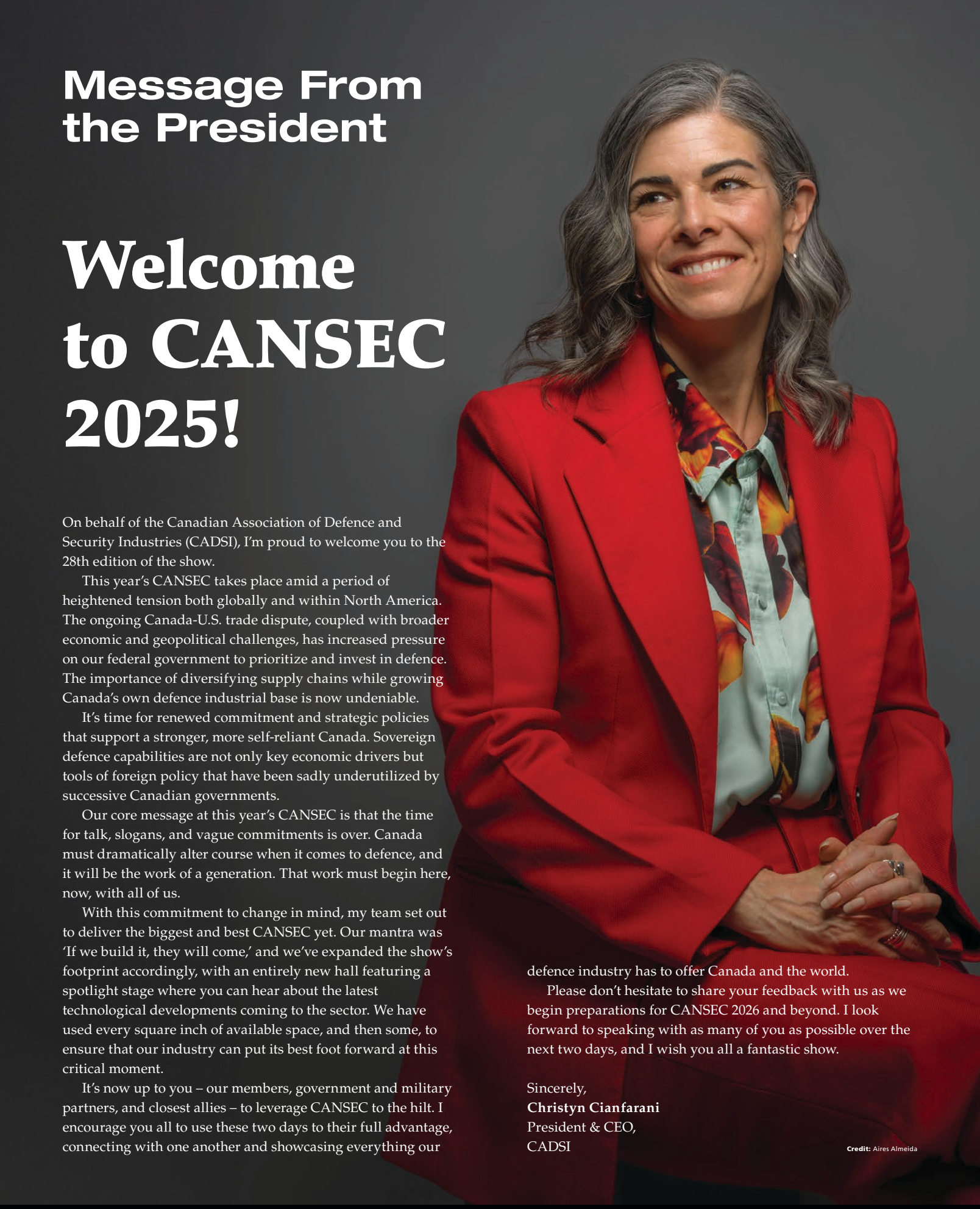
CANSEC® SPOTLIGHT PRESENTATION STAGE

Message From the President

Welcome to CANSEC 2025!



On behalf of the Canadian Association of Defence and Security Industries (CADSI), I'm proud to welcome you to the 28th edition of the show.

This year's CANSEC takes place amid a period of heightened tension both globally and within North America. The ongoing Canada-U.S. trade dispute, coupled with broader economic and geopolitical challenges, has increased pressure on our federal government to prioritize and invest in defence. The importance of diversifying supply chains while growing Canada's own defence industrial base is now undeniable.

It's time for renewed commitment and strategic policies that support a stronger, more self-reliant Canada. Sovereign defence capabilities are not only key economic drivers but tools of foreign policy that have been sadly underutilized by successive Canadian governments.

Our core message at this year's CANSEC is that the time for talk, slogans, and vague commitments is over. Canada must dramatically alter course when it comes to defence, and it will be the work of a generation. That work must begin here, now, with all of us.

With this commitment to change in mind, my team set out to deliver the biggest and best CANSEC yet. Our mantra was 'If we build it, they will come,' and we've expanded the show's footprint accordingly, with an entirely new hall featuring a spotlight stage where you can hear about the latest technological developments coming to the sector. We have used every square inch of available space, and then some, to ensure that our industry can put its best foot forward at this critical moment.

It's now up to you – our members, government and military partners, and closest allies – to leverage CANSEC to the hilt. I encourage you all to use these two days to their full advantage, connecting with one another and showcasing everything our defence industry has to offer Canada and the world.

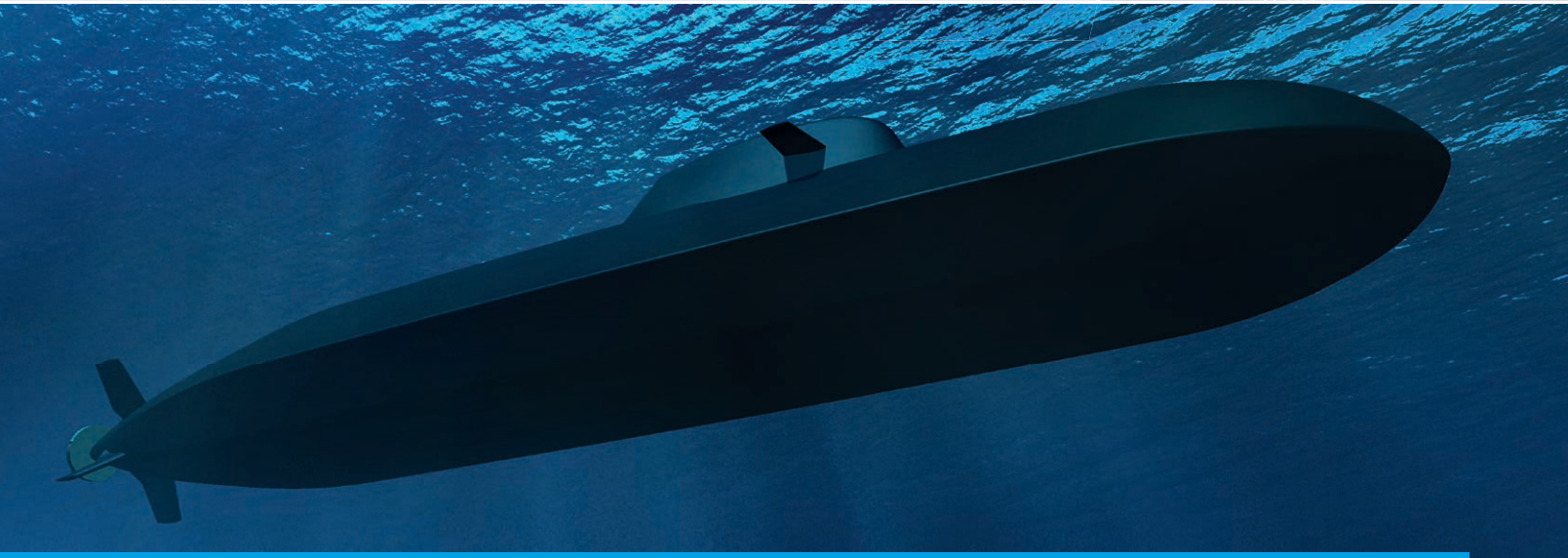
Please don't hesitate to share your feedback with us as we begin preparations for CANSEC 2026 and beyond. I look forward to speaking with as many of you as possible over the next two days, and I wish you all a fantastic show.

Sincerely,
Christyn Cianfarani
President & CEO,
CADSI

Credit: Aires Almeida

Marine Systems

The world of naval technology from a single source.



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General Dynamics
Mission Systems–Canada
Towed Array Sonar Systems

Made in Canada, Ready for the Arctic

BY JAMES CARELESS

As the Arctic emerges as a geopolitical hotspot, the urgency of defending Canadian sovereignty in the North has taken on priority status. With international boundaries being challenged and the region's strategic importance rising, Canada and its allies are bracing for an increase in the volume and complexity of threats from above and below the surface.

There is a need to expand underwater surveillance and monitoring now.

General Dynamics Mission Systems–Canada (**Booth 1601**) has world-class, Canadian-made, integrated airborne mission management and naval sonar systems – including sonobuoy processing, towed array, hull-mounted, and torpedo intercept sonars. With decades of world-leading performance on platforms in Canada and export markets, these technologies offer the capability overmatch Canada is looking for in planned and future procurements for Arctic-bound platforms.

Canada's Arctic and Offshore Patrol Ships present a strategic opportunity to leverage the advanced sonar systems already acquired through the Royal Canadian Navy's Underwater Warfare Suite Upgrade. General Dynamics has adapted this technology into a containerized towed array sonar that can be transferred from ship to ship as operational needs emerge.

"The highly complex oceanographic and wider regions of the Arctic demand the most sophisticated and capable sonar systems," says Mark Thibodeau, Director, Sonar Systems, General Dynamics Mission Systems–Canada. "From the air to below the seabed, General Dynamics brings the domain expertise and integrated systems needed to meet Canada's Arctic mission."

Above water, General Dynamics' airborne sonobuoy processing systems further extend Arctic surveillance capabilities enabling real-time detection and response. A key advantage of these systems is their open architecture, which allows for interoperability and interchangeability. Being platform and sensor-agnostic allows for integration across crewed and uncrewed assets, like remotely piloted aircraft systems. This architecture supports a distributed collaborative approach to operations, allowing for seamless coordination between Canada, its allies, and multinational partners.

"From platform to platform, across all domains, our made-in-Canada mission systems have a critical role to play in defending this nation and ensuring our North remains strong, secure, and sovereign now and into the future," added Thibodeau.

CORVUS: MULTIROLE EW FOR SUPERIOR MISSION AGILITY

Enhanced situational awareness while detecting and defeating threats

In the constantly evolving battlespace, mission agility is key to staying ahead of the adversary. Traditional electronic warfare (EW) technology is no longer enough to fulfill the demands of today's changing land modernisation goals. Instead, a software-defined, multirole, multifunction approach is now required to give commanders and troops the ultimate advantage.

L3Harris Technologies' multirole CORVUS EW systems provide enhanced situational awareness while detecting and defeating threats across the battlefield. Purpose-built to perform multiple mission roles from one system, the CORVUS architecture **supports counter-improvised explosive devices, counter-small uncrewed aircraft systems, electronic surveillance, electronic attack, communications intelligence and cyber effects.**

Modular, open and reconfigurable hardware and software paired with uniquely low size, weight and power profiles offer a highly flexible, interoperable and robust next-generation EW capability.

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The Honourable David J. McGuinty

Canada's New Minister of National Defence

It is my privilege to welcome guests from across Canada and around the world to CANSEC. Since 1998, CANSEC has been a foundational event for the defence and security industry to showcase cutting-edge technology.

I also thank everyone at the Canadian Association of Defence and Security Industries (CADSI) for your leadership in support of Canada's defence and security industry and for organizing this year's trade show.

Attending CANSEC is a fitting way to begin my time as Minister of National Defence because the Government is re-imagining how we can work with the defence industry to deliver for the Canadian Armed Forces and the security of Canadians.

Our government is taking decisive action to rebuild Canada's defence capacity, rearm the Canadian Armed Forces, and invest in the Canadian defence industry. This effort serves a dual purpose: it strengthens our national security while building a more resilient, competitive defence industry that supports economic growth across the country.

We will build on the work from Our North, Strong and Free and our 2022 NORAD Modernization Plan. These projects contribute to a robust military that defends Canadian values, security, and sovereignty from new threats. They strengthen Canada's defence in the Arctic and North, better protect our continent, and enable us to carry out more operations abroad with Allies and partners.

Building on the momentum of Canada's defence policy and subsequent commitments, our investments will nearly triple our defence spending by 2030 compared to 2014 levels. To meet the evolving security landscape, our government will accelerate this funding—putting Canada firmly on track to exceed NATO's defence spending target.

This work cannot be done alone, it requires strong partnerships between the government and the defence industry. The past engagements between National Defence and industry partners brought to light your concerns and highlighted friction points in how we do business. These conversations will continue and will inform a Defence Industrial Strategy for Canada that will put your insights into action.

Investing in defence is about more than strengthening the Canadian Armed Forces—it's also an investment in Canada's economic future. These commitments support skilled, dependable jobs and drive growth in communities across the country. By prioritizing Canadian talent, innovation, and materials, we're building a stronger economy and a more resilient industrial base. The River-Class Destroyer project alone is expected to sustain over 5,000 jobs over the next 15 years, many of them in Halifax, Nova Scotia. To further boost Canadian industry, our government is committed to sourcing Canadian-made steel, aluminum, and critical minerals whenever possible.

In the coming months we will be making transformative investments to provide our Armed Forces with the tools that they need to defend Canada—investments that will bring economic benefits to every corner of the country. We need the Canadian defence industry to make that happen. Together, we'll build a secure, resilient industrial base that supports long-term defence goals.

My sincere thanks to all of you for your steadfast support of our people in the Canadian Armed Forces. I stand ready to work together in growing Canada's defence industrial base, so that CAF members have the tools that they need to keep Canada safe.

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Strengthening Canada's Security and Arctic Sovereignty

On March 18th, Prime Minister Carney was in Iqaluit, Nunavut, to announce initiatives in partnership with Inuit leaders to build the Nunavut economy and strengthen Canadian security and sovereignty in the Arctic.

First, Prime Minister Carney announced that Canada intends to partner with Australia to develop advanced Over-the-Horizon Radar technology. This partnership will include developing Canada's Arctic Over-the-Horizon Radar system, an investment of **more than $6 billion** that will provide early warning radar coverage from threats to the Arctic. A key component of Canada's NORAD modernization plan, the radar system's long-range surveillance and threat tracking capabilities will detect and deter threats across the North. Collaboration with Australia on this critical technology will further deepen the two countries' long-standing bilateral defence relationship, while supporting Canada's commitment to strengthening North American defences in partnership with the United States. The Prime Minister confirmed the partnership in his call with the Prime Minister of Australia, Anthony Albanese.

Second, Prime Minister Carney announced that Canada will take on a greater, sustained, and year-round Canadian Armed Forces (CAF) presence in the Arctic – an investment of **nearly $420 million** to protect our sovereignty across land, air, and sea. With an expansion of its Northern and Arctic operations and training exercises, and the deployment of more personnel, the CAF will be better placed to defend Canada's Arctic presence and sovereignty – while enabling greater collaboration with NATO Allies.

Third, to advance reconciliation with First Nations, Inuit, and Métis, Prime Minister Carney announced **over $253 million** in new support to build a stronger economy across Nunavut, including:

- **$94 million** to upgrade power plants in Cambridge Bay, Gjoa Haven, Igloolik, and Iqaluit. These important energy upgrades will ensure that Nunavut communities have access to safe and dependable power.
- **Almost $74 million** to improve critical housing infrastructure, accelerate housing development, and help meet the growing demand for affordable housing.
- **Almost $66 million** to build, renovate, and repair hundreds more homes across Nunavut, including for Indigenous Peoples and underserved groups.
- **$20 million** to help the Nunavut Nukkiksautiit Corporation complete the first phase of the development of its hydroelectricity facility which will, once complete, provide renewable energy security and create jobs across Nunavut.

Following a meeting with the Premier of Nunavut, P.J. Akeeagok, the two leaders agreed to continue to work together in partnership on shared priorities in the Arctic.

The Prime Minister also met with Nunavut Tunngavik Incorporated as well as the President of Inuit Tapiriit Kanatami, Natan Obed, to reinforce the fundamental importance of their leadership and to establish a link of collaboration on major infrastructure projects.

With an enhanced Arctic focus, the Canadian government is working to improve its military readiness, creating more high-paying jobs, and growing a stronger economy across the North. Working closely with Indigenous Peoples and Allies, Canada will fortify the Arctic by strengthening its year-round presence, accelerating defence spending, unleashing the North's economic potential, and reasserting Canada's sovereignty and security.

"Canada is, and forever will be, an Arctic nation, and we can never take our sovereignty and security in the region for granted. Our government will strengthen Canada's Arctic security, bolster partnerships with our closest Allies, unleash the North's economic potential, and reaffirm reconciliation with Indigenous Peoples. Canada will remain a strong, secure, and sovereign nation."

— The Rt. Hon. Mark Carney, Prime Minister of Canada.

Heavy Polar Icebreakers

On March 7th, Canada awarded a $3.15-billion contract to Seaspan's Vancouver Shipyards **(Booth 1013)** for the construction of 1 of Canadian Coast Guard's (CCG) future polar icebreakers under the National Shipbuilding Strategy (NSS). With that contract in place, Seaspan was able to cut steel on the new heavy polar icebreaker on April 3rd, signifying the start of construction on one of the most advanced conventional polar icebreakers ever to be built. This marks the first time a heavy polar icebreaker has been built in Canada in more than 60 years, and it will play a critical role in protecting Canada's sovereignty for decades to come.

It will be able to accommodate up to 100 personnel, and, as one of the only Polar Class 2 vessels in the world, will be able to operate farther north, in more difficult ice conditions and for longer periods than any icebreaker in Canada to date.

Flight Simulation

Advanced Flight Controls, a leading Montreal-based flight simulation company, is proud to announce its attendance to CANSEC 2025. Co-owner's Marc-André Ladouceur and Guillaume Boyer will introduce compact, and customizable flight simulation solutions designed for pilot and land training.

Specializing in high-quality, compact training solutions, Advanced Flight Controls creates robust flight simulators tailored to meet the specific needs of both military and civilian flight schools, as well as land training operations. All products are designed, produced, and rigorously tested at the company's Montreal facility, ensuring performance.

At CANSEC, attendees will have the opportunity to meet the Advanced Flight Controls team which offer customizable features for a variety of training scenarios.

DELIVERING TO NAVY.
DELIVERING TO COAST GUARD.
DELIVERING FOR CANADA.

We're building Canada's future, one vessel at a time — faster and more efficiently. From the Offshore Oceanographic Science Vessel in sea trials to the newly launched Joint Support Ship *HMCS Protecteur*, we're transforming Canada's maritime capacity. These ships are a commitment to Canada's global presence in the Arctic and beyond. The second Joint Support Ship is already underway, as is production of the Polar Icebreaker. Our track record says it all: delivering, delivering, building, building. We're seeing a pattern, and it's only getting clearer.

Driving Improvement.

seaspan

Guarding the Skies

General Atomics Aeronautical Systems, Inc. and CAE **(Booth 1611)** have signed a long-term agreement for the development and production of the next-generation mission trainer for GA-ASI's MQ-9B SkyGuardian® remotely piloted aircraft system (RPAS). The contract with GA-ASI includes a firm order for 11 mission trainers, with the opportunity to deliver up to 50 devices over the next five years. The agreement brings together two industry leaders to enhance the training capabilities for operators of MQ-9B and builds on the long-standing business relationship between GA-ASI and CAE.

Recognized globally as the reference in synthetic training for RPAS, CAE leverages the latest visualization technology in the development of the next-generation MQ-9B SkyGuardian Mission Trainers. The trainers will employ the CAE Prodigy Image Generator to provide a highly realistic training environment to replicate flight operations.

In other news, General Atomics Aeronautical Systems and South Korea's Hanwha Aerospace **(Booth 911)** have agreed to collaborate on the development and production of Unmanned Aircraft Systems (UAS) for the global defence market. The joint effort follows the successful completion of a major flight demonstration in 2024 when the two companies launched a GA-ASI MQ-1C Gray Eagle® STOL (GE STOL) UAS from the South Korean Navy's amphibious landing ship ROKS Dokdo (LPH-6111) as it was underway at sea off the coast of Pohang, South Korea.

The demonstration illustrated the ability of the GE STOL to safely operate on many types of aircraft-capable ships, which opens myriad new ways for the U.S. and its allies to use this UAS to support multi-domain operations. It also paved the way for GA-ASI and Hanwha to sign this new agreement to jointly invest in and pursue new UAS business opportunities.

Special Deliveries

Teemo Transport, a Montreal-based specialty courier company, is introducing its Single Point Chain of Custody transport service at CANSEC 2025, tailored for partners in the government, defence, and technology sectors. While traditional carriers often outsource express shipments, Teemo provides a direct "go now" solution that meets both time-critical and security-sensitive requirements—without compromise.

Previously focused on aerospace clients, Teemo Transport is now equipped to handle government and defence-sector shipments. The company holds an RCMP carrier license for firearms and prohibited goods, a registered NCAGE/UEI, and can meet client-specific security requirements. A Controlled Goods Program designation is also in its final stages.

"Similar to how the Diplomatic Courier Service works—but faster—I personally take the call, drive immediately to the pickup location, and have tickets booked for the next flight out. We typically deliver in-hand to most destinations worldwide within 12–36 hours, often sooner for domestic shipments," said Ali Nawaz, Director of Teemo Transport. "We place trackers on each box and have handled everything from dozens of wiring harnesses to a single replacement laptop—or even just a set of critical documents. Each delivery mattered, and we didn't stop until it was in the right hands."

Immersive Training

Simthetiq **(Booth 1526)**, a leading provider of 3D content for military simulation and training, has completed delivery of a series of immersive Air Base training environments that will be used by a leading NATO Air Force to train emergency response and fire vehicle teams in security and safety procedures.

Integrated in a third-party simulation environment that supports critical training activities for military aviation safety crews, the geo-specific synthetic training environments of three major Air Bases feature all active runways, taxiways, aprons, lighting systems, markings, military infrastructure, and airport buildings.

As part of the Simthetiq Library of simulation content – the terrains can be made available in any leading image generator or serious game engine format. With rich features and capabilities, they can also support a number of different training and simulation activities – from flight simulation to air-traffic and ground operations training.

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Bombardier
Defense

Building the River-class Destroyers

BAE Systems and Irving Shipbuilding Inc. (ISI) **(Booth 1801)** signed a contract on March 17th, marking the start of the next major phase on the River-class destroyer program.

It follows the Canadian Government's award of an implementation contract to ISI for the construction and delivery of the first three of 15 planned ships as well as the development and delivery of training, spares and maintenance to support the ships in service.

The River-class Destroyers will provide decisive combat power for operations at sea and in support of joint-force operations ashore. The River-class will also support missions conducted including counter-piracy, counterterrorism, intelligence and surveillance, humanitarian assistance, research and rescue.

BAE Systems has designed the ship to meet the Royal Canadian Navy's specific requirements and under this new contract will provide support and consultancy services throughout the build phase. BAE Systems and Irving Shipbuilding's signed contract will ensure that ISI benefits from the expertise and learning gained across the UK's Type 26 and Australia's Hunter class programs.

As a crucial part of Canadian defence capability since 1911, BAE Systems **(Booth 1621)** will once again exhibit at CANSEC in 2025. In addition to their Canadian capabilities BAE Systems will showcase the benefits of their global business from the UK, such as the T-Series of Heavy Lift Electric UAS vehicles and cyber security solutions, to Sweden, including Beowulf, ARCHER and TRIDON Mk2.

Working with the Canadian Armed Forces, BAE Systems provide innovative capabilities across all domains. In 2023 the Company spent in excess of C$200 million with over 120 suppliers in Canada and more than 2,400 Canadian jobs rely on the Company's activities.

Turmoil

Allen-Vanguard **(Booth 800)**, the global leader in providing customised solutions and enabling technology across the Cyber and Electromagnetic Activities (CEMA) domain, delivers latest RF Decoy product TURMOIL to a long-standing NATO nation ahead of schedule. Due to the nature of the technology and its potential roles, Allen-Vanguard is unable to disclose more specific details.

Allen-Vanguard has deep expertise across the whole CEMA domain and has rapidly developed this new disruptive technology to meet a specific market demand and customer requirement. This is a shift for Allen-Vanguard into EW activities and the team is excited by the potential being identified in the modern Electro Magnetic Spectrum Operational (EMSO) landscape.

Allen-Vanguard's TURMOIL RF Decoy is an Electromagnetic Countermeasure that delivers tactical advantage against adversaries leveraging Electromagnetic Warfare (EW) capabilities. TURMOIL creates false targets by accurately emulating friendly forces RF signatures and increasing electromagnetic activity to distract, disrupt and deceive during an enemy's targeting phase. TURMOIL aides freedom of manoeuvre in the electromagnetic space and creates time and space for formations to deliver surprise offensive operations.

A Single Procurement Agency for Defence

BY JAMES CARELESS

In the lead up to the federal election which took place on April 28th, PM Mark Carney pledged to create a single agency to handle all of Canada's defence procurements. PM Carney made this announcement during an election stop on April 14th, 2025 at Bombardier in Dorval, Quebec.

"Today I'm announcing our plan to build the tools needed to ensure Canada's sovereignty to support a new approach to made-in-Canada defence procurement while helping our industries and businesses reach new markets around the world," said Carney. "The first thing is to take procurement into a new centralized agency so that there's a focus on delivering the security that Canadians need with the equipment that we need; to provide that agency with greater powers and flexibility so that there are exceptions, for example, with respect to the level of competition that's required in terms of defence contracting; speed with which contracts can be struck; [and] integration and a priority put on Canadian suppliers and Canadian supply chain that's going to deliver it."

Having a single procurement agency is something that Canada's domestic defence industry has been seeking for many, many

years. It would be a welcome change from the current multi-departmental procurement approach. There's a consensus within this industry that the current system is very slow, overly drawn out, and inclined to economically penalize companies bidding for procurements due to the years it often takes for the government to grant contracts

In tandem with the move to a centralized procurement agency, Carney wants to see the Canadian defence industry get more closely involved with the European Union's ReArm Europe defence procurement plan. Born as a response to the Trump government's pullback from supporting European security, ReArm Europe could represent a multibillion dollar sales opportunity for Western/non-US defence equipment suppliers such as Canada. To this end, "we've been talking directly to our European partners, both at the national level — the French government, for example — and the European level to enable Canada to be part of that process so that we are part of that entire defense supply chain," Carney said.

In general, Liberals want to see their proposed increases in defence spending having as much benefit for the domestic defence industry and the Canadian jobs it supports as possible. "There's an enormous opportunity as well — as we dramatically increase our defence spending — to ensure that, as much as possible, we have the maximum economic benefit here in Canada through great companies such as Bombardier, but many others from CAE and others across the defence supply chain," Carney said.

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BMT Celebrates 40th Anniversary

In 2025, BMT marks a momentous milestone—40 years of pioneering excellence in engineering, science, and technology. Founded in 1985, BMT began as a bold vision to bring together world-class expertise to solve the complex challenges of our oceans, industries, and infrastructure. Four decades later, the company has grown into a global leader, delivering trusted solutions across maritime design, defence, energy, and environmental services.

From the early days of naval architecture to today's cutting-edge digital modeling and sustainability consulting, BMT's journey has been defined by a spirit of innovation and integrity. As the world has changed, BMT has remained steadfast in its mission: to deliver actionable insights that empower clients, protect communities, and support a resilient future.

While BMT's reach is truly global, its work in Canada exemplifies the company's commitment to regional growth and environmental stewardship. Whether supporting all-electric ferry design on the Pacific coast or providing critical maritime consultancy for Arctic operations, BMT's footprint in Canada reflects a balance of technological excellence and local collaboration.

As it celebrates its 40th anniversary, BMT honors the talent, passion, and partnerships that have fueled its progress. From engineers and scientists to clients and communities, every stakeholder has played a role in shaping a legacy that looks firmly toward the future.

UVAD Technologies

UVAD Technologies Inc. (UVAD) is announcing that the development of the Alpine Swift UAV is complete and will now enter into long-term steady state production for commercialization and sales of the all-electric, fixed-wing Uncrewed Aerial Vehicle (UAV).

"The Alpine Swift is one of the only UAVs of its class built in Canada, and we are seeing both strong domestic and international demand for the system, said David Birkett, President and CEO of UVAD. "Demand for small all-electric UAVs with significant payload flexibility is growing exponentially, and Alpine Swift is very unique in this field"

The Alpine Swift UAV fulfills numerous applications in both the commercial and defence sectors, including threat representation, test & evaluation, and live-fire training applications. Alpine Swift is equipped with UVAD's FlyLab™ and GraphLink™ technology architectures which facilitate payload flexibility, system interoperability, and onboard AI capabilities.

FlyLab™ and GraphLink™ technologies also form the base architecture of UVAD's Falcon Supersonic UAV.

CCX Technologies

CCX Technologies is proud to introduce a next-generation Wideband Software Defined Radio (SDR), designed to meet critical Defence and Security requirements — the EC-100. What sets the EC-100 apart is its industry-leading 800 MHz bandwidth, operating range of up to 9 GHz, and a very high Signal-to-Noise ratio (SNR). Built on a cutting-edge architecture, the EC-100 delivers performance and range for an array of mission-critical applications including communications, signal intelligence, spectrum monitoring, and electronic warfare.

Unlike traditional radios that rely on fixed hardware, Software Defined Radios are configurable for a number of signal processing applications. The EC-100 offers an 800 MHz bandwidth — allowing users to scan a large frequency spectrum at once, detect multiple signals simultaneously, and decode several carriers in parallel from a single device. Additionally, the EC-100 boasts an ADC resolution of 16 bits, a very high Signal-to-Noise ratio (SNR), and a very low noise floor. This makes it possible to detect and receive weak signals from very distant sources, even in the presence of interference.

Designed for operations requiring rapid response and high precision, the EC-100 is ideal for signal detection, signal intelligence, and even radio astronomy workloads.

Visit **Booth 2013** to experience the EC-100 first-hand and explore CCX Technologies' full suite of innovative solutions.

Bell's 6,000th Helicopter

Bell Textron Canada Limited **(Booth 433)**, a Textron Inc. company, has delivered its 6,000th commercial aircraft at Commercial Delivery and Assembly Centre in Mirabel, Quebec, Canada with two SUBARU Bell 412EPXs for operations by the Sûreté du Québec. Bell delivered the aircraft on May 12th to the Ministère des Transports et de la Mobilité durable, which manages a fleet of aircraft through the Service Aérien Gouvernemental (SAG). This milestone marks a significant achievement in the nearly 40-year history of Bell Textron Canada in Quebec.

"Our 6,000th helicopter built in Canada demonstrates our commitment to manufacturing helicopters capable of performing the most critical missions, as well as our dedication to contributing to Quebec's economy. It is therefore a strong symbol that this aircraft wears the colors of the Sûreté du Québec," said Michael Nault, General Manager of Bell Textron Canada.

Bell is also looking to the future of the CAF's rotary wing capabilities, which the RCAF is exploring through its next Tactical Aviation Capability Set (nTACS) project. Bell Textron Canada is proposing its V-280 Valor tiltrotor aircraft which will more than double the speed and range currently achieved with conventional helicopters.

Defence Exports

CCC's Global Bid Opportunity Finder (GBOF) is providing to a growing number of Canadian defence and security exporters the chance to expand into new markets. This free online tool offers over 5,000 new public sector bid opportunities daily, sourced from more than 200 jurisdictions worldwide. It does the hard work of aggregating and translating all the opportunities in both English and French – regardless of the language it was posted in.

GBOF allows users to filter opportunities by sector, including defence and security, as well as by country, notice type, and closing date. It also supports advanced keyword searches to refine results. Users can save time by setting up email alerts to receive updates on new opportunities and share tenders with their team for seamless decision-making.

GBOF is part of CCC's work to help accelerate the diversification of Canada's exports.

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Defending Canada's sovereignty demands modern, mission-proven capability. Airbus delivers trusted helicopters used by over 140 armed forces worldwide - supporting armed reconnaissance, utility, attack, maritime, and special operations, in even the most challenging environments. With deep roots in Canada and a track record of excellence through established programs, we stand ready to support Canada's evolving defence needs with rugged, versatile aircraft built for today and tomorrow.

AIRBUS

EXHIBITORS

COMPANY	BOOTH
123 Cyber Inc.	3128
Accenture	2029
Active Gear Co. of Canada Limited	825, 3024
ADGA Group	906
AI Tactical Solutions	927
aiRadar, Inc.	108
Airbus	401
AirShare, Inc.	3056
Albarrie Canada Limited	1009
Aliter Technologies 3CIS Inc.	924
Allen-Vanguard	800
Amazon Web Services, Inc.	2107, M14
Amphenol Canada Corp.	2012
Analytic Systems	1637
ANSYS Canada Ltd	2207
ANVIL	2112
Appian	1213
Arcfield Canada	M17
ARKTOS Developments Ltd.	1807
ATMIS	611
Automatic Coating Limited	1005
Avalon Holographics	631
Aversan Inc.	1006
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BAE Systems	1621
Base Camp Connect	901
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Bluedrop Training & Simulation	1215
BluMetric	1126
BMT Canada Ltd.	735
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Bombardier	321
Brassets Group	1909
Bronswerk Marine Inc.	1910
Bulletproof Solutions	2201
C3 Human Factors Consulting	1627
C3RiOS Systems Inc.	2002B
Cadex Inc.	635
CAE	1611, M5, M7, M8
Calian Group Ltd.	1815, 3201
Cambli Group, Tactical & Military Division	3020
Canadian Commercial Corporation	225, M1, M2, M4
Canadian Defence Review	826
Canadian UAVs Inc.	125
Cando	2125
Cantec Systems	1110
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CDW Canada	1930
Cellula Robotics Ltd	2114
Ceva Logistics	727
Cevians	110
Channel Systems Inc.	933
Cisco Systems Canada	2022
Cleeve Technology Incorporated	3042
Cloudflare	2231
CMC Electronics	905
Cohere	2000A
Colt Canada Corporation	1429
Compusult	530
Concept Controls Inc.	828
Converge Technology Solutions	2219
Creaform	726
CryptoMill Cybersecurity Solutions	2221
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Curtiss-Wright INDAL Technologies	1826
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Dell Technologies	2117
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DND: Army	225-S
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DND: Royal Canadian Air Force	225-S
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Draeger Safety Canada Ltd.	835
DSS Protection	131
D-TA Systems	1134
Duke Smart Staffing Solutions	724
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Inter-Op Canada	1635, 3046
Irving Shipbuilding Inc.	1801, M3
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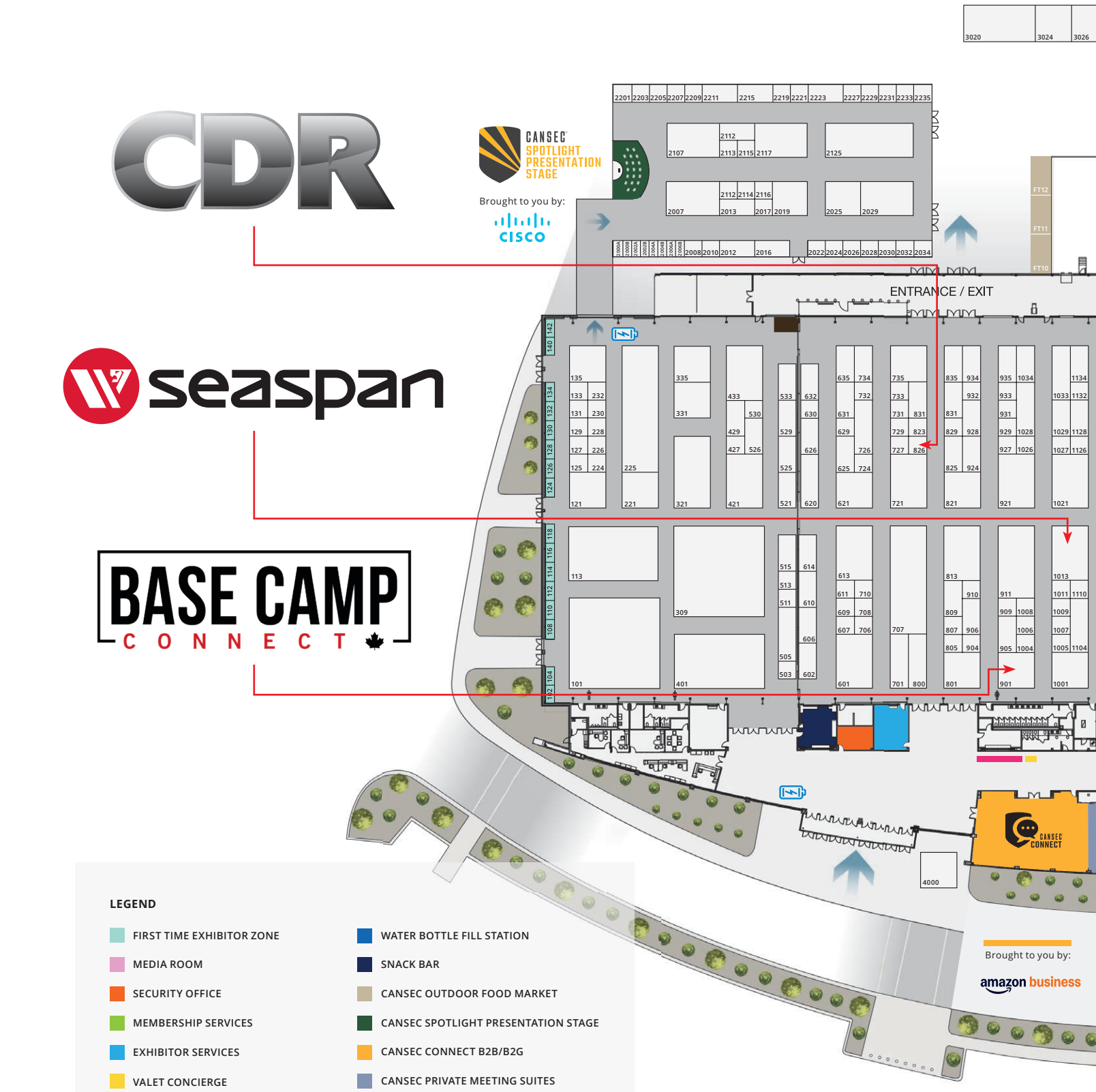
FLOOR PLAN



LEGEND

- FIRST TIME EXHIBITOR ZONE
- MEDIA ROOM
- SECURITY OFFICE
- MEMBERSHIP SERVICES
- EXHIBITOR SERVICES
- VALET CONCIERGE
- CANSEC INFORMATION BOOTH
- PRAYER ROOM
- UNISEX WASHROOMS
- MEAL EVENT & TICKETING CONCIERGE
- WATER BOTTLE FILL STATION
- SNACK BAR
- CANSEC OUTDOOR FOOD MARKET
- CANSEC SPOTLIGHT PRESENTATION STAGE
- CANSEC CONNECT B2B/B2G
- CANSEC PRIVATE MEETING SUITES
- INTERNATIONAL LOUNGE
- BREW BAR Sponsored by: RTX
- CHARGING STATION & WIFI Sponsored by: MDA
- FIRST AID ROOM

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Manitoulin TRANSPORT

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PATRIOT FORGE CO.
M1 Composites TECHNOLOGY
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CAE MEAL EVENT HALL
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MEDIA AVAILABILITY AREA
Brought to you by:
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CANSEC OUTDOOR FOOD MARKET
Brought to you by:
EllisDon
WELCOME CENTRE
REGISTRATION
Brought to you by:
CALIAN
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EXHIBITORS

COMPANY	BOOTH
ITI Canada	2215
ITPS Canada Ltd.	1028
J-Squared Technologies Inc.	1721
KDM Analytics, Inc.	2006B
Keysight Technologies	610
KF Aerospace	620
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Kontron Canada	124
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Larus Technologies Corporation	529
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Levitt Safety	1733
Liburdi Dimetrics Corporation	112
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Lockheed Martin Canada	1311
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LS telcom	230
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Macrodyne Technologies Inc	132
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Manitoulin Transport	805
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MC Countermeasures Inc.	2026
MDA Space	1021
Megatech	929
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Microsoft Canada	515
Millbrook Tactical Inc.	421
MSK Canada	102
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National Research Council Canada	335
Nautel Sonar	127
Nauticomp Inc.	708
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Newcon Optik	1026
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NordSpace Corp.	2032
Noreast Electronics	829
Nortac Defence	935
NP Aerospace	1729
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Ocean Sonics	118
Octasic Inc	909
OneWeb Canada Communications Limited	3033
OSI Maritime Systems Ltd.	910
OVA	2025
Pacific Geomatics Limited	513
Palitronica	2235
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Patlon Aircraft & Industries Limited	1903
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PureSpirIT Solutions Inc.	2229
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Quantropi Inc	2030
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Rousseau Metal inc.	602
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SimWell Consulting & Technologies Inc.	2116
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Space Flight Laboratory	1034
Square Peg Communications Inc.	609
StandardAero	1921
Stedfast Inc.	706
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AGENDA

Wednesday, May 28th

06:30 - 17:00 **CANSEC Show Office: OPEN** — **Welcome Centre**
*Sponsored By **Calian***

07:00 - 07:50 **Breakfast Day 1 Networking Reception Coffee Service** — **CAE Meal Hall (Hall 1)**
* Ticket purchase or invitation for this function is required. Business attire or uniform equivalent.
Event timing and keynote speaker are subject to change.

07:50 - 09:00 **Official Day 1 Opening Keynote Speaker & Breakfast** — **CAE Meal Hall (Hall 1)**
*Sponsored By **Thales Canada***
* Ticket purchase or invitation for this function is required. Business attire or uniform equivalent.
Event timing and keynote speaker are subject to change.

08:00 - 17:00 **EY Centre Concessions: OPEN** — **EY Centre Foyers**

08:00 - 17:00 **Media Room: OPEN** — **Show Office 2**

08:00 - 17:00 **Private Meeting Suites: OPEN**NEW LOCATION**** — **Room C**
*Sponsored By **Hanwha***
Access to the Private Meeting Suite area is limited to those with a scheduled business meeting with a suite owner. Please check in with our Concierges at the entrance via the Room C Welcome Desk.

09:00 - 17:00 **CANSEC Connect (B2B/G Meeting Program): OPEN **NEW LOCATION**** — **Room D**
(Near Main Entrance Doors) Maximize your networking efforts by making CANSEC Connect B2B/G Meeting Program your home base at CANSEC. This exclusive value-add for all CANSEC registrants now features a Premium Package for greater networking benefits at CANSEC and beyond. Learn more at: *www.defenceandsecurity.ca/CANSEC/cansec/B2B*

09:00 - 17:00 **CANSEC Main Exhibit Halls: OPEN **NEW EXHIBIT HALL**** — **Halls 2-3-4 & 5**
Visit over 300 CADSI member exhibitors on the bigger extended main show floor.

09:00 - 17:00 **HALL 5: OPEN **EXPANDED NEW SPACE**** — **Hall 5**
Presenting Hall 5 of the newly expanded CANSEC 2025 show floor--home to over 80 new exhibiting companies showcasing cutting-edge defence, cyber, and digital innovations. This dynamic space also features the CANSEC Spotlight Presentation Stage, where industry leaders share insights on emerging technologies and global security challenges.

09:00 - 17:00 **International Lounge: OPEN **NEW LOCATION**** — **Room A**
*Sponsored By **Roshel***
Complimentary hospitality services and a networking lounge are available to our international DELEGATIONS only. CADSI members, government or foreign industry are encouraged to network in other locations.

09:00 - 17:00 **Outdoor Static Displays: OPEN** — **Front & Rear Outdoor Display Areas**
Be sure to visit our front and rear outdoor display areas. Simulators, a variety of vehicles, kit and more!

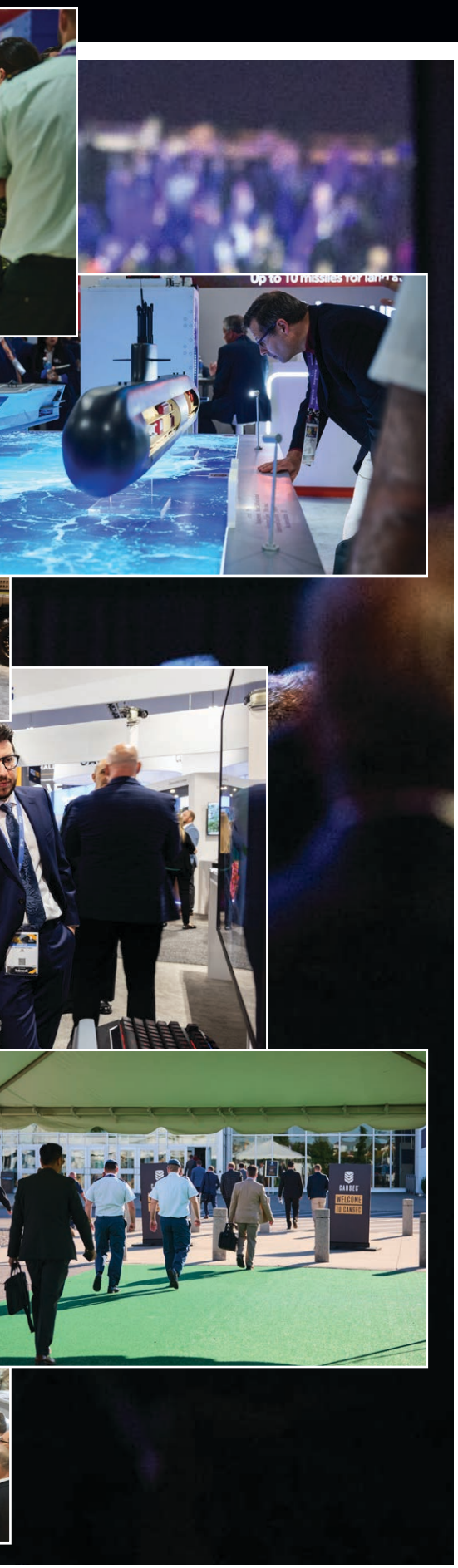
09:30 - 16:45 **CANSEC Spotlight Presentation Stage **NEW FEATURE**** — **Hall 5**
*Sponsored By **CISCO***
Introducing the CANSEC Spotlight Presentation Stage, the premier platform in Hall 5 where industry leaders and innovators unveil cutting-edge technologies and insights. This dynamic stage hosts expert-led discussions on the future of defence, cyber, and digital advancements shaping global security.

10:30 - 15:30 **Outdoor Food Market: OPEN **NEW LOCATION**** — **Front Area via South Doors**
Delicious lunchtime offerings from select Ottawa food trucks are available at the Outdoor Food Market in the front space of the EY Centre via the South Doors with casual seating under the big top or outside. Additional food offerings available at the Exits to Halls 2, 3, 4 or 5.

11:30 - 11:55 **Lunch Reception** — **CAE Meal Hall (Hall 1)**
Networking Reception and Host Bar Service * Ticket purchase or invitation for this function is required. Business attire or uniform equivalent. Event timing and keynote speaker are subject to change.

12:00 - 13:30 **Official Day 1 Keynote Speaker & Lunch** — **CAE Meal Hall (Hall 1)**
*Sponsored By **Hanwha***
Speaker: Mike Pompeo, 70th Secretary of State (2018-2021) and former CIA Director (2017-2018)
* Ticket purchase or invitation for this function is required. Business attire or uniform equivalent.
Event timing and keynote speaker are subject to change.

17:00 - 19:00 **CANSEC Evening Networking Reception** — **CAE Meal Hall (Hall 1)**
A ticket purchase or invitation for this function is required. Business attire or uniform equivalent.



Thursday, May 29th

06:30 - 16:00	**CANSEC Show Office: OPEN** *Sponsored By* ***Calian***	**Welcome Centre**
07:00 - 07:50	**Breakfast Day 2 Networking Reception Coffee Service** * Ticket purchase or invitation for this function is required. Business attire or uniform equivalent. Event timing and keynote speaker are subject to change.	**CAE Meal Hall (Hall 1)**
07:50 - 09:00	**Official Day 2 Keynote Speaker & Breakfast** Speaker: Lord George Robertson, Former NATO Secretary General (1999-2003) and UK Secretary of Defence (1997-1999) * Ticket purchase or invitation for this function is required. Business attire or uniform equivalent. Event timing and keynote speaker are subject to change.	**CAE Meal Hall (Hall 1)**
08:00 - 17:00	**CANSEC CONNECT (B2B/G Meeting Program): OPEN **NEW LOCATION**** (Near Main Entrance Doors) Maximize your networking efforts by making CANSEC Connect B2B/G Meeting Program your home base at CANSEC. This exclusive value-add for all CANSEC registrants now features a Premium Package for greater networking benefits at CANSEC and beyond. Learn more at: *www.defenceandsecurity.ca/CANSEC/cansec/B2B*	**Room D**
08:00 - 17:00	**EY Centre Concessions: OPEN**	**EY Centre Foyers**
08:00 - 17:00	**Private Meeting Suites: OPEN **NEW LOCATION**** *Sponsored By* ***Hanwha*** Access to the (Sponsor) Private Meeting Suite area is limited to those with a scheduled business meeting with a suite owner. Please check in with our Concierges at the Welcome Desk.	**Room C**
09:00 - 17:00	**CANSEC Main Exhibit Halls: OPEN **NEW EXHIBIT HALL**** Visit over 300 CADSI member exhibitors on the bigger extended main show floor.	**Halls 2-3-4 & 5**
09:00 - 17:00	**HALL 5: OPEN **EXPANDED NEW SPACE**** CANSEC will feature a new Hall in 2025! Make sure to visit Hall 5 via Hall 4 or the Outdoor Exhibits.	**Hall 5**
09:00 - 17:00	**International Lounge: OPEN **NEW LOCATION**** *Sponsored By* ***Roshel*** Complimentary hospitality services and a networking lounge are available to our international DELEGATIONS only. CADSI members, government or foreign industry are encouraged to network in other locations.	**Room A**
09:00 - 17:00	**Outdoor Static Displays: OPEN** Be sure to visit our front and rear outdoor display areas. Simulators, a variety of vehicles, kit and more!	**Front & Rear Outdoor Display Areas**
09:30 - 16:15	**CANSEC Spotlight Presentation Stage **NEW FEATURE**** *Sponsored By* ***CISCO*** Introducing the CANSEC Spotlight Presentation Stage, the premier platform in Hall 5 where industry leaders and innovators unveil cutting-edge technologies and insights. This dynamic stage hosts expert-led discussions on the future of defence, cyber, and digital advancements shaping global security.	**Hall 5**
10:30 - 15:30	**Outdoor Food Market: OPEN **NEW LOCATION**** Delicious lunchtime offerings from select Ottawa food trucks are available at the Outdoor Food Market in the front space of the EY Centre via the South Doors with casual seating under the big top or outside. Additional food offerings available at the Exits to Halls 2, 3, 4 or 5.	**Front Area via South Doors**
11:30 - 11:55	**Lunch Reception** *Sponsored By* ***Hanwha*** Networking Reception and Host Bar Service. * Ticket purchase or invitation for this function is required. Business attire or uniform equivalent. Event timing and keynote speaker are subject to change.	**CAE Meal Hall (Hall 1)**
12:00 - 13:30	**Official Day 2 Closing Keynote Speaker & Lunch** *Sponsored By* ***Airbus*** Lunch and Keynote Address: Speaker Gabrielius Landsbergis, Former Minister of Foreign Affairs for Lithuania (2020-2024) and Member of the European Parliament (2014-2016). * Ticket purchase or invitation for this function is required. Business attire or uniform equivalent. Event timing and keynote speaker are subject to change.	**CAE Meal Hall (Hall 1)**
17:00	**CANSEC 2025 Closes**	

CANSEC 2026 is planned for May 27th and 28th 2026. See you then!

CANSEC®

SPOTLIGHT PRESENTATION STAGE

Introducing the CANSEC Spotlight Stage

New this year, the CANSEC Spotlight Stage brings the pulse of innovation, leadership, and global collaboration directly to the show floor. Located in Hall 5, this is where the defence and security community's boldest thinkers, leading companies, government partners, and international allies take the mic.

Throughout both days of CANSEC, the Spotlight Stage will feature rapid, 20-minute presentations showcasing everything from ground-breaking technologies to operational insights and strategic opportunities.

Expect speakers from across the full spectrum.

Why Attend?

Because the future is already on the move.

- **Stay Ahead of Industry Trends:** Gain exclusive insights from top defence, security, and emerging tech experts.
- **Engage with Experts:** Participate in interactive discussions and Q&A sessions.
- **Be Part of the Conversation:** Understand challenges and opportunities shaping the future of the industry.

The Spotlight Stage offers a rare opportunity to hear directly from leaders and disruptors alike in a fast-paced, dynamic setting built for those who want to stay sharp, stay informed, and stay ahead.

No registration needed. Just drop in, listen in, and be part of the next conversation shaping the global defence and security landscape

DAY 1 - WEDNESDAY, MAY 28

Time	Company	Topic
9:30 - 10:00	ITI	From the Tactical Edge to National Resilience: How 5G Supports Defence and Security Collaboration
10:15 - 10:45	Accenture	TBC
11:00 - 11:30	Google Cloud	Advancing Defence: Strengthening AI Sovereignty
11:45 - 12:15	Nokia	Quantum-Safe Networks
2:00 - 2:30	Ukrainian Delegation	TBC
2:45 - 3:15	Amazon Web Services (AWS)	From Cloud to Cosmos: Transforming Space with AWS Agentic AI
3:30 - 4:00	IFS	Total Asset Readiness: Digital Operational Readiness as a Force Multiplier
4:15 - 4:45	Converge Technology Solutions	Designing AI for your Business

DAY 2 - THURSDAY, MAY 29

Time	Company	Topic
9:30 - 10:00	Malleum	Harnessing AI for Advanced Red Team Operations: Evolving Offense in the Age of Automation
10:15 - 10:45	Dell	Tactical Edge and The Role of AI
11:00 - 11:30	IBM	Maximizing Decision Advantage for the Canadian Armed Forces: Leveraging secured, trusted data and AI to achieve decision advantage superiority
11:45 - 12:15	CANDO	The Indigenous Defense Supply Chain Pilot
2:00 - 2:30	Cisco Canada	Harnessing Big Data for Real-Time Battlefield Awareness
2:45 - 3:15	Department of National Defence	Development of Canada's Defence Industrial Strategy (DIS)
3:30 - 4:00	Cohere	Navigating the AI Landscape for Strategic Advantage in Defense
4:15 - 4:45	Scope AR	AR from Factory to Field: Visual Work Instructions for Defence Readiness

Scan QR for the latest CANSEC Spotlight Stage schedule

MBDA

AKERON MP

DISRUPTIVE TECHNOLOGY.

Born from feedback from the most recent conflicts, AKERON MP is new reference-point in land combat missiles that delivers decisive battlefield superiority through fire-and-forget and beyond line-of-sight capabilities. With its operator-in-the-loop capability that enables the selection of the target and the point of impact in flight, combined with a selectable-effects warhead, AKERON MP drastically reduces the risk of collateral damage and improves the lethality of both infantry and vehicles.

Future Fighter Lead-in Training

BY GABIREL OAKLEY

On February 12th, CAE **(Booth 1611)** was identified as a strategic partner to the Government of Canada to work with the Royal Canadian Air Force (RCAF) to design and co-develop the Future Fighter Lead-in Training (FFLIT) program.

Leveraging CAE's extensive expertise and experience, this partnership will help streamline discussions and enable the acceleration of initial operational capability of the state-of-the-art FFLIT program. Additionally, the FFLIT program will support the long-term success of Canada's CF-35A capability by providing continuous fighter-pilot training with cutting-edge technology and innovative training methods. The FFLIT program will enable Canadian control of fighter training capability, while supporting long-term, high-tech and high-value employment for Canadians. It is anticipated that the program will contribute $145 million annually to Canada's gross domestic product and create or maintain 1,100 jobs annually across Canada, primarily in Alberta, Ontario and Quebec, over a 37-year period.

Internationally, CAE signed some substantial contracts this year. First, CAE Defense & Security was awarded a $180 million contract to support the U.S. Army Aviation Center of Excellence (AVCOE) and the 110th Aviation Brigade under the Advanced Helicopter Flight Training Support (AHFTS) program. The award offers comprehensive training support for the U.S. Army's advanced airframes, valued at approximately $180 million through 2030, including an initial base period and four one-year options. Second, CAE was awarded a contract to deliver Simulator Through Life Support directly to the Royal New Zealand Air Force. Under the terms of the agreement, CAE will provide management services, engineering and maintenance support to the C-130J Weapon Systems Trainer.

Worth noting: CAE was named Canada's top defence company for 2025 by Canadian Defence Review magazine. This recognition marks the third time that CAE has received this honour, underscoring its commitment to excellence in defence and aerospace. "This recognition as the top defence company in Canada for the third time is an affirmation of our unwavering dedication to innovation, quality, and the enduring trust we have built with our partners over decades," said Marc Parent, CAE's President and Chief Executive Officer.

$3.25B Contract to Davie

The Government of Canada has awarded a $3.25-billion contract to Davie Shipbuilding **(Booth 1828)** for the construction of one of the CCG's future polar icebreakers under the NSS. This marks a significant milestone in strengthening Canada's Arctic sovereignty and security.

Davie will be building this ship in Lévis, Quebec. To accelerate its production, Davie will also leverage its Canadian-owned shipyard in Finland, Helsinki Shipyard. With Finland's unique expertise and track record building polar icebreakers, this will deliver Canadian ships faster and cheaper and get them on the ice quicker. These investments are turbocharging the Canadian shipbuilding industry, creating good-paying jobs across Canada, and enhancing our defence and security partnerships around the world.

"Today's announcement is truly transformative," said James Davies, President and CEO of Davie. "Canada deserves immense credit for partnering with Davie on this groundbreaking procurement. Delivering such a special ship in a timely manner is in the best interests of all Canadians. It will accelerate economic benefits for Quebecers and strengthen the skills of our talented Lévis shipbuilders. In a volatile world, we can and must forge shipbuilding collaborations with trusted allies like Finland to secure shared interests. If not now, then when?"

Davie has also taken steps to upgrade their Lévis facility. Late last year, Davie announced the signing of an agreement with Pearlson & Pearlson Inc. of Florida, marking a strategic milestone in the transformation of Davie's Lévis facility into North America's largest and most versatile shipbuilding centre. The modernization is critical to delivering seven heavy icebreakers and two hybrid ferries under Canada's NSS. That's not all: Davie also signed an agreement with Construction Dinamo Inc., a Québec construction leader. The collaboration with Dinamo complements Davie's agreement with Pearlson & Pearlson Inc., putting in place the second pillar of Davie's construction strategy and reinforcing a collective commitment to transform the Lévis facility. Together, these partnerships will deliver critical infrastructure upgrades in alignment with Canada's NSS and facilitate meaningful participation in the ICE Pact.

Worth noting: On April 16th, 2025, Davie celebrated its 200th anniversary!

Aerial Firefighter

Aversan Inc. **(Booth 1006)** has been selected by De Havilland Aircraft of Canada Ltd. **(Booth 1211)** as the trusted supplier of the Water Drop Control Unit (WDCU) for the next-generation De Havilland Canadair 515 aerial firefighter.

Designed and manufactured in Canada, the WDCU is a mission-critical component that manages the aircraft's scooping system—responsible for collecting and releasing water during wildfire suppression operations. It plays an essential role in supporting frontline firefighting efforts with precision and reliability.

Carrying forward the legacy of the renowned Canadair CL-415—which has been instrumental in combating wildfires across North America, including in California—the DHC-515 introduces modernized capabilities to better protect lives, communities, and natural ecosystems.

As part of this program, Aversan has been awarded a full turn-key development contract, encompassing Joint Development, certification, entry into service, production, and full lifecycle support. This end-to-end engagement highlights Aversan's engineering excellence and trusted role in delivering safety and mission-critical aerospace systems.

Aversan invites all attendees to visit their booth to experience a demonstration model of the WDCU at CANSEC 2025.

Canada's Border Security

L3Harris Technologies **(Booth 309)** has received a contract from the Canadian Commercial Corporation (CCC) to provide 16 WESCAM MXTM-20 surveillance and targeting systems to support the country's P-8A aircraft. Operated by the Royal Canadian Air Force, the P-8A will conduct critical maritime and overland patrol and reconnaissance missions across Canada's borders using WESCAM MX-Series systems.

"Integrating our proven technology with the P-8A equips Canada with the most advanced ISR imaging solution," said Tom Kirkland, Vice President and General Manager, Targeting and Sensor Systems, L3Harris. "Maritime and border security, including missions in the Arctic, require extremely reliable systems like the WESCAM MX-20 to enhance critical security coast-to-coast."

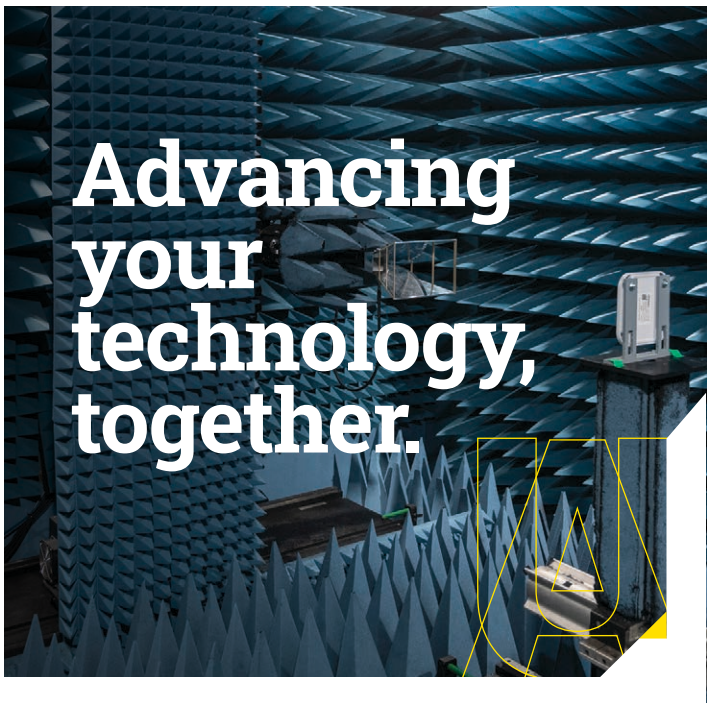
The contract also marks the 8,000th WESCAM MX-Series EO/IR system delivered to customers globally.

P-8A ITB Commitments

Boeing **(Booth 1821/4002)** has invested $10.3 million to benefit Solace Power Inc. to expand its aerospace footprint and bolster economic growth in Atlantic Canada. The strategic investment is part of Boeing's Industrial and Technological Benefits (ITB) commitment to Canada for its selection of Boeing's P-8A Poseidon to fulfill its long-range multi-mission aircraft role.

Solace Power, a global leader in high-performance, industry-leading wireless power technology, will establish a Surface Mount Technology (SMT) local production facility in Newfoundland and Labrador with Boeing's investment. SMT is a means for applying electronic components directly onto the surface of printed circuit boards for use in commercial, defence, aerospace and adjacent markets. The funding will nearly double Solace Power's local workforce in support of the expansion that also includes support for the company's entry into related industries such as automotive and telecommunications sectors.

The Government of Canada announced its decision to acquire the P-8A Poseidon aircraft in November 2023 as part of the Canadian Multi-Mission Aircraft project. Boeing's investments build on more than $2 billion in P-8 contracts with Canadian companies to date, contributing jobs and economic growth across the country.



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Sparrowhawk Radar

Canadian UAVs **(Booth 125)** is announcing a recent approval from the US Federal Aviation Administration (FAA) as it pertains to using the SparrowhawkTM Radar as a ground based detect and alert system (GBDAA). Installed in Irving, Texas, Sparrowhawk is the sole detect and alert system enabling Irving P.D. to operate their drone as a first responder (DFR) program throughout the city.

Sparrowhawk is installed centrally within the city and provides an umbrella of airspace detection up to 5000 feet at a max range of 12 nautical miles (23km). Within this airspace, police first responders are operating 'drones-in-a-box' provided by Unmanned Vehicle Technologies (UVT) of Arkansas. These drone boxes are situated throughout the city and can be activated immediately.

Irving, Texas is situated in the middle of Dallas and Fort Worth, adjacent to the third busiest airport in the world. With Sparrowhawk Radar tracking exceeding 95%, it was deemed by the FAA to provide adequate situational awareness and manned aircraft tracking to allow the police to operate their drones up to 400 feet.

Sparrowhawk is a purpose-built DAA radar. Commenced in 2016, initial BVLOS approval was granted in Canada in October 2020. Since that time, Canadian UAVs and other operators have conducted hundreds of BVLOS missions.

"This year we anticipate to be flying over 50,000 missions beyond visual of line of sight with Sparrowhawk" says Molberg. Sparrowhawk has been sold in 4 countries, having received BVLOS approval in both Canada and the United States.

FAcT Takes Flight

BY GABIREL OAKLEY

SkyAlyne, a joint venture between CAE **(Booth 1611)** and KF Aerospace **(Booth 620)**, recently signed a contract with Bluedrop Training & Simulation **(Booth 1215)** in support of Royal Canadian Air Force (RCAF) Future Aircrew Training (FAcT) program.

Bluedrop is a Halifax-based business with a strong history of contributions to RCAF training, including years of experience supporting the Contracted Flying Training and Support (CFTS) program, led by KF Aerospace and multiple programs with CAE, including Fixed-Wing Search and Rescue (FWSAR) and Operational Training Systems Provider (OTSP) among others. Bluedrop's involvement in the FAcT program is a natural extension of this collaboration with CAE and KF Aerospace to deliver industry-leading training material to the RCAF.

In other news, on January 21st, SkyAlyne and KF Aerospace announced the signing of a purchase contract with De Havilland

Aircraft of Canada to acquire three Dash 8-400 aircraft as part of the FAcT program. SkyAlyne will convert the aircraft to adapt the cabins to support training operations for Airborne Electronic Sensor Operators (AES Op) and Air Combat Systems Officers (ACSO). The made-in-Canada De Havilland Canada Dash 8-400 aircraft is a proven, reliable, cost-effective twin-engine turboprop platform to support RCAF ACSO and AES Op training.

On January 27th, SkyAlyne contracted Textron Aviation to deliver seven Beechcraft King Air 260 aircraft. To support Ground-Based Training Systems (GBTS) for these aircraft, SkyAlyne and CAE have also contracted Textron Aviation to deliver components for a full flight simulator and flight training devices, which will be manufactured by CAE. The King Air 260 will serve as the multi-engine training aircraft for all multi-engine pilot training within the FAcT program. It replaces the King Air 90B, which has been reliably serving as the multi-engine trainer within the existing RCAF training program since 2005.

Finally, on April 1st, SkyAlyne and Canadian Base Operators (CBO) announced the signing of an agreement to support the full duration of the FAcT program. Having worked on the current RCAF Pilot and Aircrew training programs, CBO brings significant experience to the FAcT program. CBO's expertise includes airfield surface maintenance, airfield lighting and navaids, Air Traffic Control, meteorological services, snow removal, Aircraft Rescue and Firefighting, and facility management and support services (including accommodations, food services, infrastructure maintenance and repair). In support of FAcT, CBO will be delivering a range of site services and facility management to support operations at Southport, MB and Winnipeg, MB.

Global 8000

The first production Global 8000 aircraft successfully completed its inaugural flight on May 16th from Bombardier's state-of-the-art Aircraft Assembly Centre in Mississauga, Ontario, and the aircraft executed a series of tests, part of the production flight test procedures during the flight. The jet landed under the expert command of pilot Sandro Novelli, assisted by co-pilot Charlie Honey and flight engineer Bhargav Bhavsar. All flight controls were exercised on the aircraft, and the systems and aircraft performed as expected.

The Global 8000 flight test vehicle (FTV) has exceeded expectations in flight testing and the first production aircraft will soon travel to Bombardier's Laurent Beaudoin Completion Centre in Montreal. Bombardier's nimble Global 8000 possesses impressive runway performance comparable to a light jet and provides customers with the ability to access smaller airports. Visit Bombardier at **Booth 321**.

New Distribution Centre

On May 15th, Airbus Helicopters **(Booth 401)** in Canada marked a significant milestone with the inauguration of its new integrated distribution centre in the Niagara region. The 21,000 sq. ft. facility will serve to bolster industrial operations while significantly expanding spare parts storage capacity.

This strategic establishment further solidifies Airbus Helicopters' long-standing commitment to Ontario and the broader Canadian aerospace landscape. The new centre will contribute to sustaining over 300 skilled jobs in the region, reaffirming the company's leadership position within Canada's dynamic aerospace sector. Moreover, Airbus is actively strengthening its collaborative network with numerous Canadian suppliers and distributors, leveraging the existing strong synergy within the local aerospace ecosystem.

"The expansion of our footprint in Ontario underscores the strategic importance of Canada to Airbus' global operations. This new integrated distribution centre represents a significant investment and a clear demonstration of our enduring commitment to innovation, local talent development, and Canadian leadership in aerospace," said Dwayne Charette, President of Airbus Helicopters in Canada. "By deepening our roots here, we are not only proactively addressing the evolving demands of the helicopter market but also actively contributing to the economic strength and security of the region."

Strong demand for the advanced twin-engine helicopter portfolio, especially the H135 (recently chosen by the Ontario Provincial Police and the Royal Canadian Air Force for the Future Aircrew Training (FAcT) program), is driving a need for added space for customization and completion activities.

Gearing Up for CPSP

The S-82 'Narciso Monturiol' submarine, second of the series of four that Navantia **(Booth 1533)** is building for the Spanish Navy, has successfully accomplished its first safety milestone: the "power up" of the equipment. The "power up" consists of the start-up of the main and emergency electrical distribution networks. From the completion of this milestone, the various equipment can be safely powered from their distribution panel. The "power up" is the first safety milestone planned within the Safety Milestones Management Plan of the S-80 Program, which aims to establish a framework that demonstrates that the construction and testing process of the S-80 Program submarines is carried out in a way that ensures the lowest possible risk level.

The S-80s are one of the most advanced conventional (non-nuclear) submarines in operation worldwide and has garnered significant interest from several navies, including the Royal Canadian Navy (RCN).

Navantia's active production line will ensure the delivery the first operational submarine to the RCN by 2033, with two more submarines delivered by 2037, ahead of Canadian Patrol Submarine Program (CPSP) timelines – should Navantia be awarded the CPSP contract. This de-risked and accelerated delivery schedule highlights Spain's whole-of-nation commitment, including its government, its navy, and Navantia. As a state-owned shipbuilder with proven international naval program experience, Navantia enables Canada to confidently procure world-leading submarine capabilities with a reliable delivery schedule and cost certainty. The Spanish Navy is also ready to serve as the RCN's partner-navy for the S-80s, offering early opportunities for training and operational exchanges, as well as continuous capability insertion to enhance the S-80's prowess. This strong navy-to-navy relationship will further solidify the strategic partnership between Canada and Spain, contributing to both Canada's naval strength and NATO's collective defence.

Canadian Program for Cyber Security Certification

The Government of Canada is committed to implementing robust cyber security measures, which are fundamental to Canada's economic stability and national security. The Canadian defence industry faces regular cyberattacks aimed at contractors and subcontractors, putting unclassified federal information at risk.

With this in mind, Canada announced the first phase in the implementation of the Canadian Program for Cyber Security Certification (CPCSC). In March 2025, the CPCSC established a cyber security standard for companies that handle sensitive unclassified government information in defence contracting.

The implementation of the CPCSC will be phased-in gradually, allowing companies to adapt their operations to meet new requirements. The first phase will involve releasing a new Canadian industrial cyber security standard, opening the accreditation process, and introducing a self assessment tool for level 1 certification. This will help businesses understand the program before a wider rollout later in 2025.

During the initial phases, certification will not be required during the bidding process, rather, only when the contract is awarded. The phased approach is designed to strengthen the resilience and security of Canada's defence supply chains, giving both the government and businesses the necessary time and resources to adapt to evolving cyber security standards.

Radars

In late 2023, Ottawa-based D-TA Systems Inc. **(Booth 1134)** was awarded a contract to deliver a lightweight R-ESM system for MALE UAV deployments to detect and classify air and surface naval targets. On April 28th, D-TA Systems announced it had completed delivery of the R-ESM system to the Indo-Pacific partner.

D-TA's MFEL-5000 UAS uses a 4-spiral circular antenna array (3 lbs) for a 360-degree field of view to detect both air and surface/naval threats. The MFEL-5000 UAS system offers some of the highest sensitivity in the market by using 4-phase coherent high-performance superheterodyne receivers to cover a range from 2 to 18 GHz. The receiver can be promptly mounted on virtually any surface or air platform.

For UAV deployments, the system can directly interact with a ground-based Command & Control or through the on-board mission computer to deliver signal track and bearing information.

Team Vigilance

Vard Marine Inc. (VARD) **(Booth 921)**, a Fincantieri company, is excited to share that OSI Maritime Systems **(Booth 910)** and L3Harris Technologies **(Booth 309)** have been selected as preferred suppliers for Team Vigilance. These strategic partnerships with preferred suppliers will enable Team Vigilance to deliver a naval solution crafted to meet the Royal Canadian Navy's (RCN) future fleet needs and replace the RCN's aging Maritime Coastal Defence Vessels (MCDV).

OSI develops and delivers integrated bridge systems for warships, integrated dived navigation systems for submarines, and C2 systems for small craft. OSI currently has 26 naval customers from around the world with more than 700 warships and submarines operating with its world-leading integrated navigation and tactical solutions.

L3Harris' integrated platform management systems (IPMS), a proven technology, has been a critical enabler for the RCN. IPMS is embedded in all current and future RCN vessels, ensuring efficient and reliable ship platform management across the fleet. Originally developed as part of the Canadian Patrol Frigate (CPF) program, this robust and proven system continues to be integral to the operational success of the RCN and remains at the core of its modernization efforts.

VIGILANCE will not only fulfill all the roles of the existing MCDV, but it will also enhance naval warfare capabilities beyond the current scope of both the MCDV and the Arctic and Offshore Patrol Vessels.

Team Vigilance's mission is to provide a world-class naval solution that is designed in Canada, built in Canada, and equipped in Canada, utilizing leading Canadian industrial partners. In conjunction with partners from Thales Canada **(Booth 1701)**, Ontario Shipyards, SH Defence, and Fincantieri, Team Vigilance aims to supply the RCN with a versatile military asset that is capable, globally deployable, and ready to tackle future naval challenges.

Connectors, Cables & Wiring Assemblies

Cleeve Technology **(Booth 3042)** has recently secured two major contracts. The first with Irving Shipbuilding Inc. **(Booth 1801)** and the second with IMP Aerospace & Defence **(Booth 813)**.

Irving Shipbuilding Inc. is engaged by the Government of Canada for the construction, outfit, testing, trial and delivery of two Canadian Coast Guard variant Harry DeWolf-class Arctic/Offshore Patrol Ships.

These ships need to be capable of meeting CCG regulatory and operational requirements and will enhance Canada's ability to conduct offshore maritime search and rescue operations to support safety of life at sea, conduct conservation and protection patrols and respond to incidents, to ensure public and marine safety sea-borne surveillance operations in Canada's exclusive economic zone, extended continental shelf area, and internationally agreed areas of responsibility.

Having recently supplied the Shore Power connection system for the last DND variant, Cleeve Technology has now been selected to supply the Shore Power Alternative Maritime Power (AMP) with the functionality to ensure, that the ship has a steady power connection when the ship is at port and can comply with national and international environmental requirements.

In other news, IMP Aerospace & Defence has selected Cleeve Technology to provide much of the wire and cable required in the Cormorant Mid-Life Upgrade (CMLU) project.

As the principal subcontractor, IMP will upgrade 13 of the existing CH-149 Cormorants, with Leonardo building an additional three aircraft to increase the fleet size to 16.

The CMLU project will upgrade the SAR helicopters to the newest standard, including digitally controlled engines with increased power, new glass cockpits, wireless in-cabin communications, and the latest technology available for SAR sensors. These upgrades will quicken SAR missions, resulting in a more-efficient rescue process.

Helicopters for Poland

Babcock **(Booth 113/3026)** has signed a Memorandum of Understanding (MoU) with Airbus **(Booth 401)** and CAE **(Booth 1611)** to partner together to offer a comprehensive package of military helicopters and associated training services to the Polish Air Force.

The partnership brings together three world-class service providers who will leverage their unique combined expertise on a proposal to provide Poland with powerful new defence capabilities as part of the ongoing modernisation of Polish helicopter aviation.

Under the terms of the MoU, Babcock will provide training, Airbus will lead on the platform design and build, and CAE will deliver the simulation capabilities.

The Airbus H145M is the military version of the tried-and-tested, light twin-engine H145 helicopter.

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Pilot Training

On February 14, Top Aces **(Booth 613)** announced the addition of another A-4 Skyhawk to its Canadian training fleet. This addition will further enhance Top Aces' delivery of live air combat training capabilities for Canada's fighter pilots, underscoring its commitment to providing the most advanced and realistic training solutions to improve RCAF readiness. The A-4 Advanced Aggressor Fighter (AAF), upgraded with Top Aces' proprietary, open architecture Advanced Aggressor Mission System (AAMS), offers advanced capabilities such as tactical datalink, Active Electronically Scanned Array (AESA) radar, and other upgrades that replicate modern adversary fighter aircraft. The A-4 AAF complements Top Aces' existing Canadian aggressor fleet of Dassault/Dornier Alpha Jets and Bombardier Learjet 35s.

In other news, on March 4th, Top Aces unveiled its proprietary AI-driven autonomous constructive wingman for the Red Air industry. This latest innovation is designed to replicate the flight kinematics and maneuvers of advanced adversary aircraft in a live-virtual-constructive (LVC) training environment. "The introduction of a constructive wingman marks a revolutionary achievement and sets a new precedent in the ADAIR industry," says Russ Quinn, President of Top Aces Corp., a USAF veteran and former Aggressor pilot.

Most recently on March 26th, Top Aces and Milskil signed a teaming agreement during the Avalon Australian International Airshow. By combining their service offerings, the goal of the partnership is to provide the safest and most technically advanced, sovereign-based 5th Generation training solution for the Australian Defence Force (ADF).

Mission-Ready Water

BluMetric **(Booth 1126)**, an engineering WaterTech and full-service environmental consulting firm, received a notice to proceed for production of its Mission Ready Water systems under the previously announced Rheinmetall Canada **(Booth 3021/1121)** contract for the Canadian Armed Forces (CAF).

In accordance with the contract, which is now valued at $12.2 million, BluMetric will produce a total of 26 self-contained water treatment units, their associated miscellaneous equipment units, and a portion of cold weather ancillary packages. Production will be at the Company's Carp, Ontario facility and is expected to be delivered within the next 18 months.

This notice follows rigorous testing of the first production unit which was subject to road and cross-country tests at the 5th Canadian Division Support Base (5 CDSB) Gagetown in New Brunswick, Canada. It also passed water challenge tests for biofouling and hardness, bacteria, virus, organic, and inorganic contaminants.

This product, known as the Advanced Sub-Unit Water Purification System (ASUWPS), is derived from the established and proven Reverse Osmosis Water Purification Unit (ROWPU) and Shipboard Reverse Osmosis Desalination (SROD) designs. These systems have been deployed and supported by BluMetric for the Canadian Armed Forces for over ten years, demonstrating their reliability and effectiveness.

Oil Coolers & Hearing Devices

Simex Defence **(Booth 1029)** has been awarded a contract to supply and replace a number of Main Engine Lub Oil Coolers [MLOC] for the Royal Canadian Navy's Halifax-class frigates. This contract, a part of Halifax Life Extension project, will ensure continued operational readiness of the RCN fleet, helping to maintain its capability to carry out critical missions, essential for safeguarding Canada's sovereignty and maritime security.

In other news, Simex Defence, in collaboration with INVISIO, Racal Acoustics and Comrod, continues to enhance secure communication and hearing devices for DND. This partnership aims to support the tactical communication modernization project, ensuring the CAF are equipped with cutting-edge technology for seamless and reliable communication in diverse operational environments.

Polar Over-the-Horizon Radar

The Government of Canada has awarded a joint venture between ATCO Frontec Ltd., and Inuvialuit Development Corporation (IDC), a two-year contract valued at $48.4 million to design, build, install and operate a new radar defence system in the Northwest Territories. Under the terms of the joint venture agreement, IDC holds 51% ownership, while ATCO holds 49%. The Polar Over-the-Horizon Radar (POTHR) system will use technology that can detect targets at long ranges, typically hundreds to thousands of kilometres, beyond the typical radar horizon.

"We've assembled an incredible team of experts to deliver a highly technical, made-in-Canada solution for the POTHR program," said Jim Landon, President, ATCO Frontec. "Our partnership has decades of experience operating and maintaining defence infrastructure in the Northwest Territories and across Northern Canada."

The enhanced infrastructure is part of a Government of Canada funding plan to strengthen the nation's continental defence capabilities, including to modernize the North American Aerospace Defence Command (NORAD).

The joint venture has teamed up with Canadian-owned D-TA Systems Inc. **(Booth 1134)**, a global technology leader with a proven track record and expertise delivering Over-the-Horizon Radar (OTHR) systems. D-TA has already provided two OTHR systems to Canada, the largest in the world, on-time and on-budget.

"In joining forces with ATCO Frontec and IDC, we are leveraging the unmatched logistics and Indigenous partnership capabilities of two Canadian companies, while addressing the stringent logistic and construction challenges of delivering, installing and operating this critical radar technology in the harsh environment of Canada's north," said Dr. Dipak Roy, Founder & Executive Chairman, D-TA Systems Inc.

The partners are working with a number of Canadian-owned and operated suppliers and contractors. The contract commenced on March 28, 2025, with a term of two years and potential for three additional one-year options.

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