

Engage our Aerospace, Defence and Security Sector

Ottawa has more than 300 companies actively engaged in aerospace, defence and security – from smaller, niche, companies, to multinational giants including Lockheed-Martin, General Dynamics, Thales and Raytheon. This diverse sector offers expertise in C4ISR, robotics, unmanned aerial vehicles, high performance cybersecurity solutions, personal protection, interoperable technologies for first responders and military end-users, CBRNE protection, maintenance and monitoring, sub-systems and support. As the home to the Department of National Defence, Canadian Security and Intelligence Service, Public Safety Canada, Canadian Air Transport Security Authority, Royal Canadian Mounted Police, Communications Security Establishment Canada and Canada Border Services Agency, Ottawa is a natural hub for Canada's defence and security sector.

Ottawa Canada's Capital

Ottawa is a global hub for fundamental and applied research, ground-breaking innovations, and disruptive products and services that are in demand across the globe. As the seat of the Federal government, Ottawa is home to federal departments and agencies, more than 65 research labs and over 130 embassies and consulates. With a deep history of innovation that spans over 100 years, today's present day technology ecosystem is driving research in emerging fields such as autonomous vehicles, artificial intelligence, cybersecurity and precision agriculture. This dynamic and urban city is surrounded by an abundance of natural beauty that offers an affordable and unparalleled quality of life.

1,440,000
National Capital
Region Population

268,000
National Sector
Employment

76,200
National Capital
Region Tech
Workforce

785,900
National Capital
Region Total
Workforce

\$38 B National Sector Contribution
to Canada's GDP

Ottawa's Aerospace, Defence and Security Ecosystem includes:





Lockheed Martin Canada was awarded the design contract for Canada’s new fleet of surface combatants by Irving Shipbuilding. Partnered with BAE Systems, CAE, L3 Technologies, MDA and Ultra Electronics, Canada’s Combat Ship Team provides the Royal Canadian Navy the most advanced and modern warship design, the Global Combat Ship, with high-tech platform innovations from prominent Canadian companies. The solution includes Lockheed Martin Canada’s internationally renowned and Canadian-developed combat management system, CMS 330.



Amongst the more than 65 research labs located in Ottawa are the following facilities that support the communications technology sector: NRC's Aerospace Division; Canadian Space Agency's David Florida Laboratory; Defence Research and Development Canada; and Communications Research Centre Canada



World-class educational programs and research centres include: Carleton Aerospace, one of the largest and the most comprehensive academic aerospace research programs in Canada, with a wide range of unique, state-of-the-art research facilities. The university is recognized internationally as a leader in aerospace education and research.



Sector ecosystem is supported by: CADSI (Canadian Association of Defence and Security Industries)



Recent sector achievements making the headlines: Canada picks BAE’s Type 26 frigate for its Canadian Surface Combatants (October 2018)



“Ottawa has provided us with an exceptional environment for business growth. We are able to meet most of our staffing needs locally, by accessing the pool of highly talented and skilled labour that exists in the Ottawa area. We also benefit from the support available in Ottawa from federal, provincial and local government agencies, including access to the research capabilities and facilities of our local universities and national labs. And for our employees and their families, Ottawa provides a wonderful community to live in and a great quality of life.

- DAVE MUIR
Director GasTOPS Ltd

R&D and Innovation Ecosystem

POST-SECONDARY INSTITUTIONS



INDUSTRY



CENTRES OF EXCELLENCE



RESEARCH INSTITUTIONS



BUSINESS SUPPORT



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