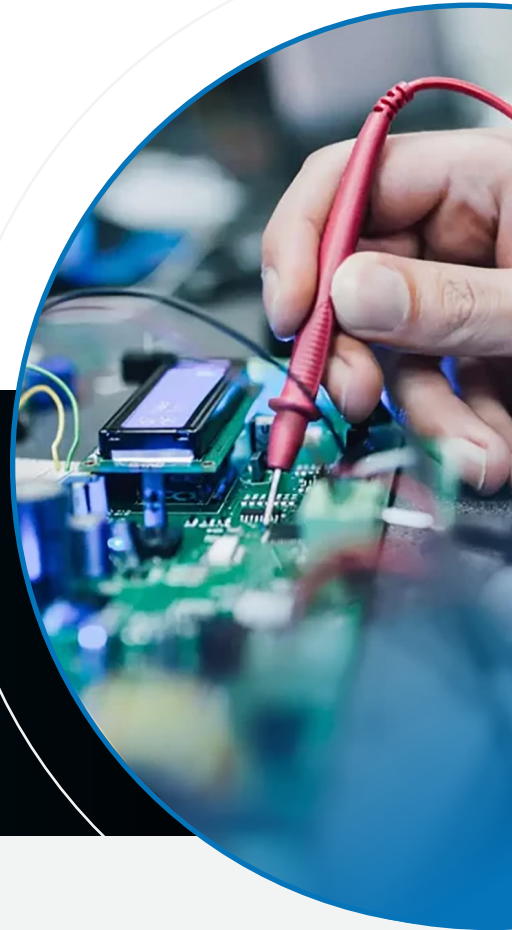


# Building Canada's Defence Manufacturing Capacity



Canada's defence manufacturing capacity is a strategic national asset. As global tensions rise and trade relationships face renewed pressure, building defence platforms, products and solutions in Canada is essential—not only for military readiness, but for economic sovereignty and resilience. By investing in Canadian suppliers, we strengthen our domestic industrial base, reduce foreign dependencies, and ensure readiness in the face of political and economic disruptions.

Defence policy is industrial policy, and Canada must choose to grow its own capabilities. Supporting Canadian defence manufacturing drives innovation, supports high-quality jobs and positions Canada as a leader in delivering solutions to both domestic and global markets.



## Calian's Manufacturing Advantage

We contribute to secure, sovereign supply chains by offering scalable capacity, Canadian compliance and trusted delivery for complex build-to-print and custom-engineered products and systems.

**Deep Experience:** Calian has decades of experience delivering precision manufacturing and system integration solutions for defence OEMs and prime contractors.

**State-of-the-Art Manufacturing Facilities:** With almost 200,000 square feet of manufacturing space across five Canadian locations, we design, build and deliver high-reliability components for military-grade antennas, satellite ground stations and ruggedized electronics.

**Industrial and Technological Benefits (ITBs):** Calian delivers ITBs by leveraging Canadian labour and products.

**Research and Development:** We collaborate with post-secondary institutions, research facilities and small businesses to maximize value for Canadian defence programs. By investing in cutting-edge research and development, Calian ensures our solutions meet stringent military standards and adapt to evolving global security challenges.



## Calian Defence Product Manufacturing

**RF Systems and Antennas:** We manufacture and deliver end-to-end antenna systems for deep space, LEO, MEO and GEO communications and connectivity for defence applications.

**GNSS Antennas:** We engineer and manufacture high-precision GNSS antennas with advanced anti-jamming technology.

**Vetronics:** We design and manufacture vehicle electronics products used in power control, fire suppression, communications and other critical armoured vehicle systems that meet the high standards of military service.

**Harness Assemblies:** We design and manufacture harness assemblies connecting critical vehicle communications and systems equipment.

**Circuit Card Assemblies:** We design, manufacture and test high-quality circuit card assemblies used in military applications.

**Advanced Design and Test:** We leverage our deep engineering expertise to develop and test our products and systems to ensure our customers' operational requirements are met.

## Notable Projects

Calian has deep expertise and a history as a trusted provider of advanced defence manufacturing solutions for mission-critical applications.

**Antennas for CCMEQ:** Calian delivered 13m and 7.3m S/X/Ka antennas for the Canada Centre for Mapping and Earth Observation (CCMEQ), a division of Natural Resources Canada, including civil works in the Arctic (Inuvik Ground station), Western and Eastern Canada.

**Armoured Vehicles:** Calian delivers cable harnesses and vetronics products for a large armoured vehicle supplier across a wide range of models and applications. Our products meet or exceed operational requirements for performance and durability.

**Small Boats:** Calian delivers composite small boat hulls (17ft) for use on the high seas and larger hulls for rigid hull inflatable boats (21ft).

**Resilient GNSS and Anti-Jamming Solutions:** Calian provides reliable GNSS and anti-jamming solutions that militaries depend on for positioning, navigation and timing (PNT) data in an increasingly contested electromagnetic environment.

### Explore Advanced Manufacturing and Systems Engineering

Empowering defence OEMs through innovative defence manufacturing, systems and components. For more information, visit [calian.com/defence/defence-manufacturing](https://calian.com/defence/defence-manufacturing)



For over 40 years, Calian has delivered mission-critical solutions when failure is not an option. Trusted worldwide, we empower organizations in critical industries to overcome obstacles, manage risks and drive progress. By combining the expertise of our people, proven industry insight, cutting-edge technology, bold innovation, and global reach, we deliver tailored solutions that solve complex challenges. Headquartered in Ottawa, Canada, with over 5,000 people around the world, Calian's solutions protect lives, strengthen security, foster global connectivity and drive economic progress, making a lasting impact where and when it matters most.