

Michael Henschel

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EXPERIENCE

MICHAEL HENSCHEL, SPACE & DEFENCE PROPRIETOR

May 2026 - Continuing | Ottawa, Canada & Tel Aviv, Israel

C-CORE | DIRECTOR, BUSINESS AREA MANAGER

February 2019 – May 2026 | Ottawa, Canada

- Top and bottom line management of research and development group engaged in generation of new technologies for space and defence clients in primarily in Canada and the European Union.
- Conceive, develop, and lead major proposals. Major wins include novel satellite systems, next generation signal processing, and target finding and tracking systems, and novel applications in information provisioning technology.
- Management and mentoring of research teams, managers, and facilities.

MAXAR/MDA | TECHNICAL DIRECTOR

2009 – Feb 2019 | Ottawa, Canada

- Managed technical staff, designed, and implemented operational systems to support multimillion dollar annual revenue from interferometric synthetic aperture radar
- Responsible for technical sales for a global customer base particularly centred in oil and gas extraction and mining safety
- Developed and sold new methodologies to increase accuracy and client satisfaction to achieve 100% client retention rates

MDA | SYNTHETIC APERTURE RADAR RESEARCH

2004 – 2009 | Ottawa, ON

- Primary research on interferometric synthetic aperture radar (SAR) and the development of novel algorithms for information extraction in SAR signals
- Development and implementation of a real-time interferometric processor for Defence R&D Canada

ROYAL MILITARY COLLEGE OF CANADA | LECTURER

2002-2007 | Kingston, ON Canada

- Instructor of record for Electro-Optics (PHE110/111) and Optics and Electricity (PHE136)

RECENT MAJOR WINS

DEFENCE R&D CANADA SPACE LEO / IDEAS | BUSINESS

AREA MANAGER

2025/6 | Ottawa, Canada

- Developed consortium to bid and execute multi-million dollar prototype low earth orbit communications satellite constellation project. Successfully negotiated contract to build C-CORE's first satellite and follow-on

CANADA'S NATIONAL DEFENCE IDEAS CHALLENGE |

BUSINESS AREA MANAGER

2025 | Ottawa, Canada

- Secured million dollar prize for C-CORE's work in satellite based ice observation and prediction as a contribution to Canada's NORAD Modernization Initiatives

EDUCATION

U. OF KING'S COLLEGE

BACHELOR OF SCIENCE IN

MATHEMATICS

May 1991 | Halifax, NS Canada

ROYAL MILITARY COLLEGE OF CANADA

MASTER'S OF SCIENCE IN PHYSICS

(SUSPENDED)

2002-2004 | Kingston, ON Canada

SKILLS

LEADERSHIP

15+ years:

Business Area Management • Project and Product Management

Technical Sales • Business Development

Major Proposal Development • Business Planning

R&D

25+ years:

Leading R&D teams • Defining R&D Roadmaps

TECHNOLOGY AREAS

Orbital Dynamics • RADAR & SAR

RF Applications • New Space

Surveillance • AI/ML • Defence R&D

AWARDS

A.I. LEVORSEN AWARD

PS-AAPG April 2014

BEST POSTER: ALL CATEGORIES

World Heavy Oil Congress, Sept 2016

LANGUAGES

English – fluent

Hebrew – basic

CITIZENSHIP

Canadian

Israeli (Aliyah 05 June 2026)

LINKS

LinkedIn:// **Michael Henschel**

ReserchGate:// **Michael Henschel**