

Terranova Aerospace and Defense Group - Security and Defense Division

Overview

Terranova Aerospace and Defense Group is a Canadian-based innovator in quantum-resilient cybersecurity, C4ISR technologies, and secure communications infrastructure. Operating globally with a corporate presence in London, UK, Terranova delivers advanced AI-driven defense systems, post-quantum cryptography solutions, and real-time cyber response capabilities through platforms like Quantranet.

Leadership

James Castle is the CEO & Chief Security Officer of Terranova Defense Solutions Incorporated. Executive Director of the Cyber Security Global Alliance. He leads international initiatives in cybersecurity, quantum innovation, and inclusive digital infrastructure. He is Canadian Ambassador for EU Commission for EU Think Tank, and is the Chief Cybersecurity Advisor, Board of Directors, Borough of Manhattan Community College (City University of New York).

- Quantum-Resilient Communications (Quantranet)
- AI-Enhanced C4ISR Systems
- Post-Quantum Cryptography
- Cyber Threat Intelligence & Incident Response
- Quantum Sensing & Secure Surveillance
- Hybrid Cybersecurity Standards Development

Strategic Initiatives

- Cybersecurity Standards Alliance
- Cyber College & Immediate Immersion Pilot Program
- Indigenous and Neurodiverse Inclusion in Cyber Education
- Global Policy Alignment in Quantum Security

Global Presence:

Headquartered in Canada with a corporate office in London, UK, Terranova operates the Sabre One Cyber Response Team and collaborates with international stakeholders in defense, education, and innovation.

Additional Satellite Offices are located:

Washington D.C. (USA), Seoul (South Korea), Riga (Latvia), Warsaw (Poland), Taipei (Taiwan), Helsinki (Finland), Johannesburg (South Africa), Sydney, NSW (Australia), and Rome (Italy)

Contact Information:

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