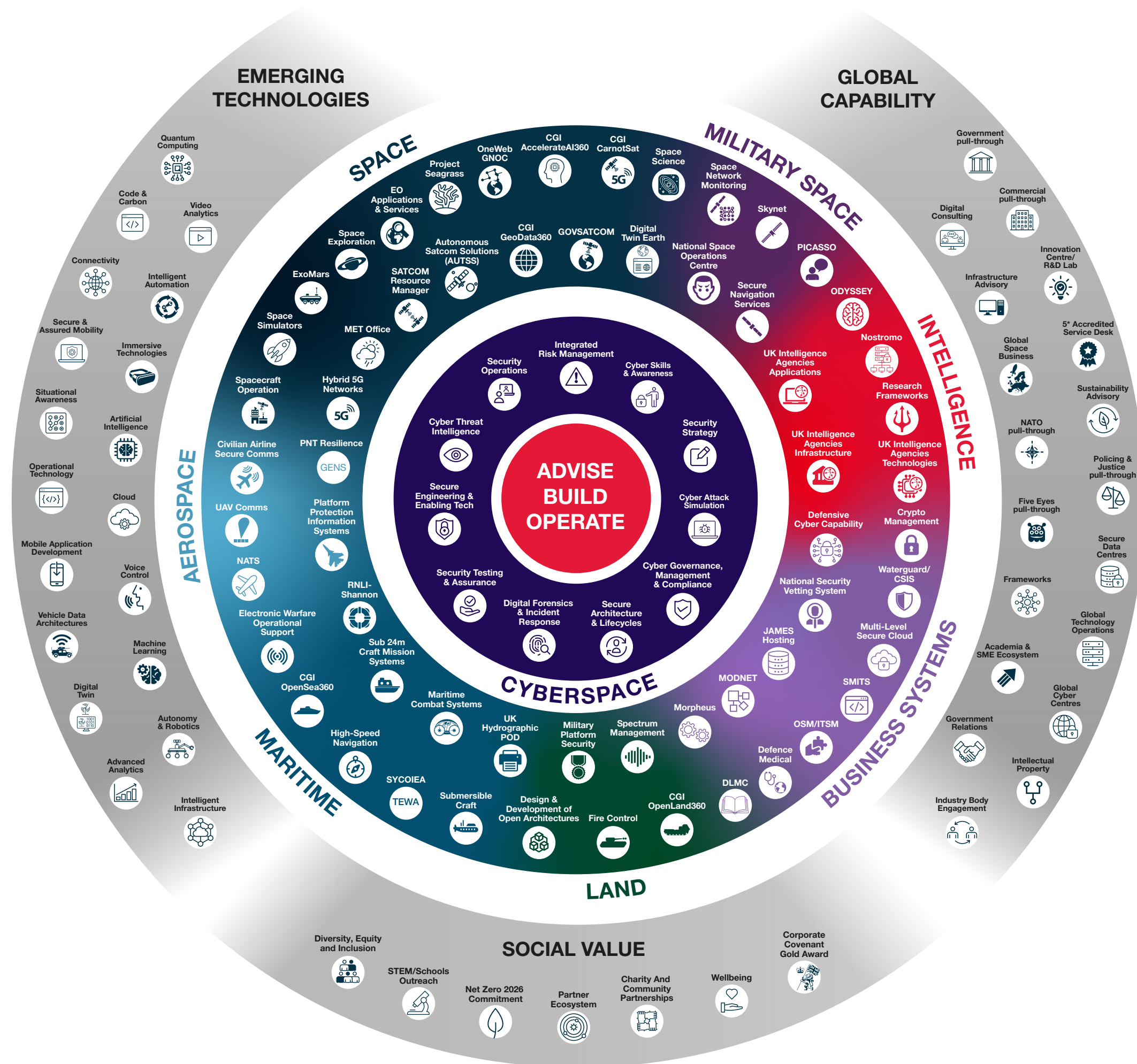




# Mission-Critical

CGI operates across the Cyberspace, Space, Military Space, Aerospace, Maritime, Land, Business Systems and Intelligence domains.





# Mission-critical expertise across domains

## Cyberspace

Assess the risk, protect the organisation and operate with confidence.

We help government and commercial clients manage complex security challenges with a business focused approach – protecting what is most valuable to them.

**Integrated Risk Management - Cyber Skills & Awareness - Security Strategy - Cyber Attack Simulation - Cyber Governance, Management & Compliance - Secure Architecture & Lifecycles - Digital Forensics & Incident Reporting - Security Testing & Assurance - Secure Engineering & Enabling Tech - Cyber Threat Intelligence - Security Operations.**



**Cyber security attacks are everywhere.** We make sure they get nowhere.

## Military Space

Protecting the space domain.

We deliver management, operation and service provision for military assets in space and high-altitude including communications, navigation and surveillance of both space and ground, Space Situational Awareness, aircraft control systems, ground segment control, processing of data and information, protection and defence of sovereign space based assets and services.

**National Space Operations Centre - PICASSO - Secure Navigation Services - Skynet - Space Network Monitoring.**



## Space

Secure, mission-critical solutions.

We help our clients enhance mission success and increase the value of their investments in space. CGI delivers secure, mission-critical space systems including data processing and exploitation, satellite communications, orbit determination, command and control, ground segment engineering, navigation and situational awareness.

**Spacecraft Operation - Hybrid 5G networks - Space Simulators - ExoMars - Space Exploration - SATCOM Resource Manager - EO Applications & Services - OneWeb GNOC - CGI GeoData360 - CGI AccelerateAI360 - GOVSATCOM - CGI CarnotSat - Space Science - Digital Twin Earth - MET Office - Project Seagrass - Autonomous Satcom Solutions (AUTSS).**



**Around the clock, around the world.** We're ensuring our Armed Forces medics can give the right medical treatment. With up to 20,000 daily consultations, our systems for the Defence Medical Information Capability Programme gives medics around the world access to over 400,000 armed forces medical records.

## Aerospace

Digitising civilian and military aerospace.

We meet the operational needs of civilian and military aviation through safety critical systems design, integration, software solutions, secure digitisation & data optimisation.

**Civilian Airline Secure Comms - PNT Resilience - UAV Comms - Platform Protection Information Systems - NATS.**





# Maritime

Accurate situational awareness and positional information in demanding maritime environments.

CGI helps clients achieve missions more effectively and with greater confidence through our open architecture Maritime Platform Management Systems. These systems are capable of providing accurate situational awareness and positional information at high speeds in demanding environments.

**SYCOEIA - UK Hydrographic POD - Submersible Craft - Maritime Combat Systems - High-Speed Navigation - CGI OpenSea360 - Sub 24m Craft Mission Systems - RNLI - Shannon - Electronic Warfare Operational Support.**



**Exploring Mars.** Our system will help the ExoMars Rover to navigate across the surface of Mars. The European Space Agency's ExoMars Rover mission will use a vision-based localisation system provided by CGI as part of Europe's first mission to the surface of Mars.

# Land

Delivering secure interoperability.

Timely, accurate and coherent information is critical to today's military operations, helping commanders understand their operating environment. We deliver digitisation and platform management systems that ensure the right information is in the right hands at the right time.

**Military Platform Security - Design & Development of Open Architectures - Fire Control - Spectrum Management - CGI OpenSea360.**



# Business Systems

Transforming defence information services to be agile, efficient and innovative.

Our services include applications management, secure architecture design and development, security accreditation, secure hosting and training. We support defence corporate services from healthcare to asset management.

**Morpheus - Defence Medical - OSM/ITSM - MODNET - SMITS - JAMES Hosting - National Security Vetting System - Waterguard/CSIS - Defensive Cyber Capability - Cyber Vulnerability Investigations-as-a-Service - DLMC - Multi-Level Secure Cloud - Crypto Management.**



**Making sure our armed forces personnel can talk to their loved ones.**

CGI software enables communications services for the UK Armed Forces whilst deployed on exercises overseas. When our operational security team identified a major network breach for a client, we helped put it right.

# Intelligence

Advancing secure digitisation to achieve results.

CGI supports intelligence clients deliver secure, complex, large-scale programmes to help protect the UK's national security.

**Research Frameworks - UK Intelligence Agencies Applications - UK Intelligence Agencies Infrastructure - UK Intelligence Agencies Technologies - Nostromo - ODYSSEY.**



# Emerging Technologies

## Accelerating innovation and change

As markets develop and new value chains are created, CGI is able to leverage our emerging technology capabilities to unlock value for your organisation. We focus on a core set of technologies and works with a powerful ecosystem of specialised partners. By combining these technologies we can design a custom solution and, as patterns emerge through subsequent use cases, develop reusable solutions, creating an environment of ongoing innovation and improvement.

**Quantum Computing - Code & Carbon - Video Analytics - Connectivity - Intelligent Automation - Secure & Assured Mobility - Immersive Technologies - Situational Awareness - Artificial Intelligence - Operational Technology - Cloud - Mobile Application Development - Voice Control - Vehicle Data Architectures - Machine Learning - Digital Twin - Autonomy & Robotics - Advanced Analytics - Intelligent Infrastructure.**



**Saving lives at sea.** Our systems give crews the information they need whatever the conditions when taking part in search and rescue operations. CGI OpenSea360 mission system is intelligently designed to put the right insights and capabilities in front of boat crew to enable them to make the best decisions.

# Global capabilities

## Experience the commitment

CGI is one of the few end-to-end consulting firms with the scale, reach, capabilities and commitment to meet clients' enterprise digital transformation needs. Our consultants and professionals work side-by-side with clients in industries across more than 400 locations worldwide. We draw upon our global capabilities to help clients identify, develop, implement and operate effective strategies.

Our proximity model, supported by the depth of our international presence, range of services, and insights, delivers value for clients. Our experts bring industry and technology knowledge to every engagement, helping clients achieve business agility, applied innovation and financial benefits.

**Government pull-through - Commercial pull-through - Digital Consulting - Infrastructure Advisory - Innovation Centre/R&D Lab - Global Space Business - 5\* Accredited Service desk - Sustainability Advisory - NATO pull-through - Policing & Justice pull-through - Five Eyes pull-through - Secure Data Centres - Frameworks - Global Technology Operations- Academia & SME Ecosystem - Global Cyber Centres - Government Relations - Intellectual Property - Industry Body Engagement**





We are a true IT Systems Integrator.  
We work tirelessly to advise, build and operate bespoke, technically complex, mission-critical information systems which help our clients keep us all safe and secure.

We bring innovation to our clients using proven and emerging technologies, agile delivery processes and our deep expertise across the breadth of space, defence, intelligence, aerospace and maritime, all underpinned by our end-to-end cyber capability. We work collaboratively with global technology companies, cutting edge SMEs and academia to deliver the optimal solution for each client.





## About CGI

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world. We are an IT Systems Integrator working to advise, build and operate bespoke, technically complex, mission-critical information systems. Bringing innovation to our clients using proven and emerging technologies, agile delivery processes and our expertise across space, defence, intelligence, aerospace and maritime, all underpinned by our end-to-end cyber capability.

Our commitment: Insights you can act on.

For more information about CGI, visit:

[cgi.com/uk/defence](https://cgi.com/uk/defence)

or email us at [enquiry.UK@cgi.com](mailto:enquiry.UK@cgi.com)

