CGI

Mission-Critical

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

Delivering mission-critical IT systems for complex environments

Cyber Resilience

Your organisation protected.

Resilient operations, driven by seamless cyber security services, protecting your success and operations. We deliver a multi-layered cyber security approach designed to keep your vital assets and data safe.

- Integrated Risk Management • Cloud Security Programme
- Cyber Skills & Awareness • Security Strategy
- Cyber Attack Simulation • Secure Architecture & Lifecycles
- Cyber Governance, Management & Compliance
- Digital Forensics & Incident Response • Secure By Design
- Security Testing & Assurance • OT/CNI Cyber Services
- Secure Engineering & Enabling Technology
- Cyber Threat Intelligence • Security Operations

Civil Space

Secure, mission-critical solutions.

CGI supports intelligence clients to deliver secure, mission-critical space systems for government and investment clients including data processing and exploitation, satellite communications, robotics, command and control, on-board software, modeling and simulations, ground segment engineering, navigation and situational awareness.

- Spacecraft Operation • 5G/SatCom Engineering
- Space Simulators • Space Exploration • Launch Support
- EO Applications & Services • Square Kilometre Array
- Eutelsat OneWeb GNOC • CGI GeoData360
- Project Seagrass • Met Office • Space Science
- Digital Twin Earth • Commercial Space
- Space Command Architecture • Satcom Network Systems
- AI forSatCom • Space Cyber Security

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.

- GroundSegment M&C • CGI SignalSense
- Space ISR Data Management • Space C2 and SDA
- Secure Navigation Services • Skynet
- Space Network Operations Systems

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 • NATS • SBAS
- Civil Aviation Authority • RAF Digital Consulting
- CGI VirtualFlightRecorder
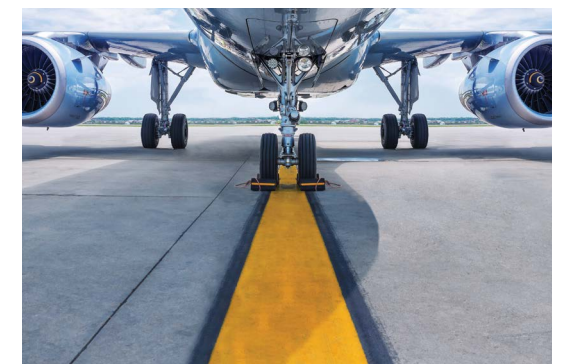
Maritime

Supercharge mission success: unleash your crew's full potential in complex, high-intensity maritime missions.

CGI helps clients achieve missions more effectively and with greater confidence. Our systems are capable of providing accurate situational awareness and positional information at high speeds in demanding environments.

• SYCOEIA • Submersible Craft • RNLI
• Maritime Combat Systems • High-Speed Navigation
• CGI OpenSea360 • Sub 24m Craft Mission Systems
• Electronic Warfare Operational Support • MD4IA

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 • Open Architectures
• Fire Control • Spectrum Management • DSTL
• Tactical Military Communications • ATAK Integration

Business Systems

Transforming defence information services to be agile, efficient and deliver advantage.

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.

• Defence Medica • Crypt Key Management • DLMC
• Waterguard/CSIS • defnet (Novus) • OSM/ITSM
• National Security Vetting System • Defence Medical
• Defence Manufacturing Prime IT Support • JAMES Hosting
• Multi-Level Secure Cloud • End User Services
• Mission System Integration • MOD Cyber SOC Services
• Digital and IT Professional Services
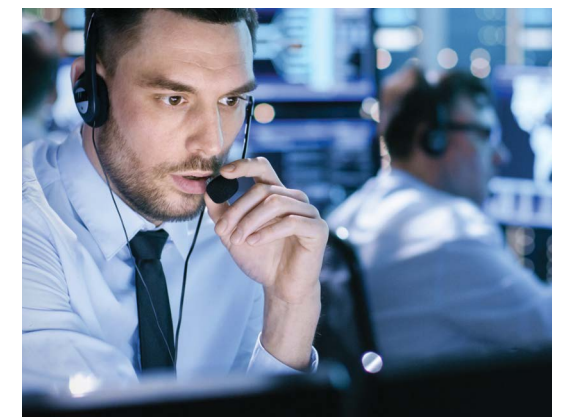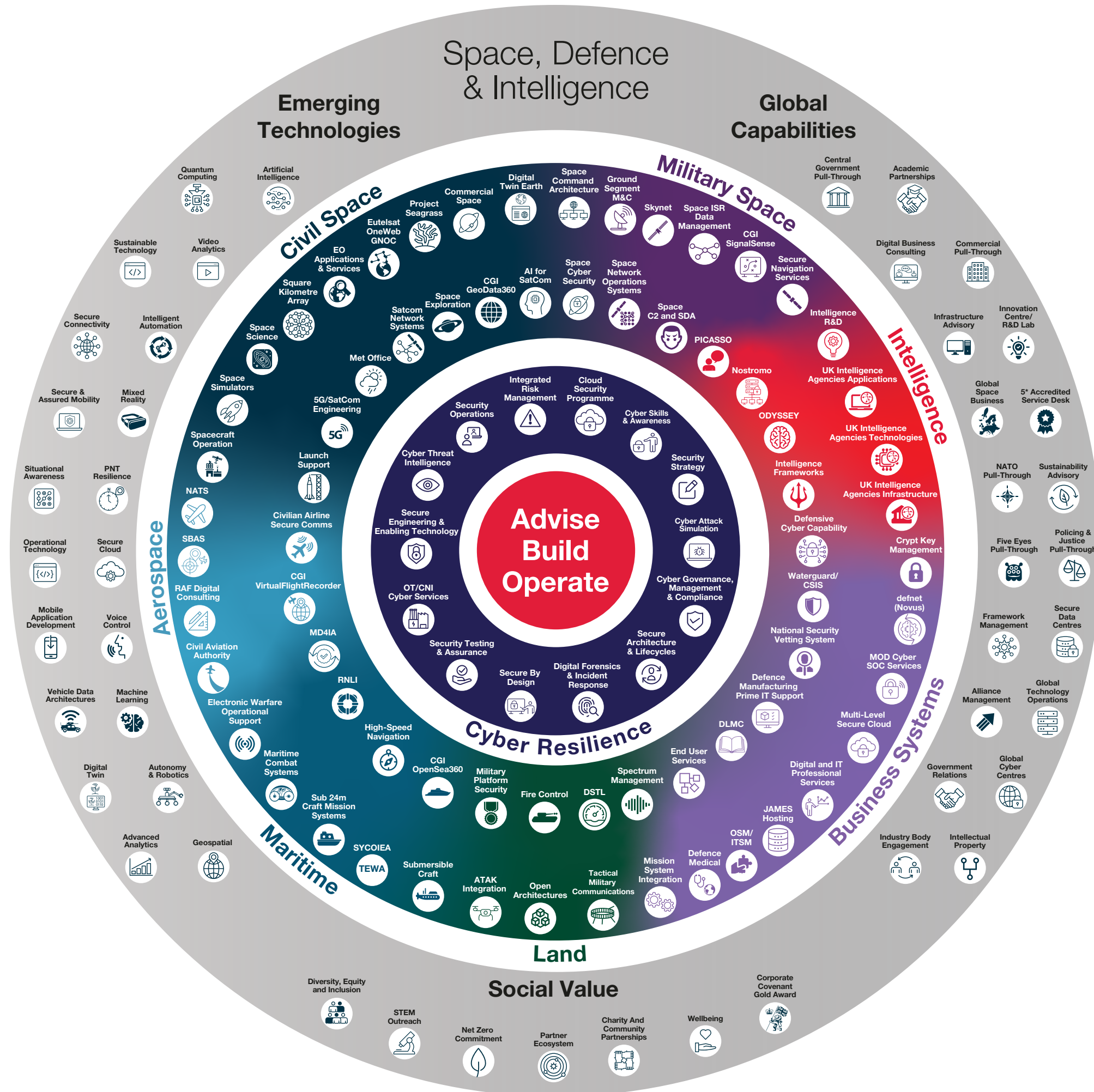
Intelligence

Advancing secure digitisation to achieve results.

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

• Intelligence R&D • Intelligence Frameworks
• UK Intelligence Agencies Applications
• UK Intelligence Agencies Infrastructure
• UK Intelligence Agencies Technologies
• Nostromo • ODYSSEY • PICASSO

Space, Defence & Intelligence

Emerging Technologies

Global Capabilities

Military Space

Civil Space

Intelligence

Aerospace

Business Systems

Maritime

Cyber Resilience

Land

Social Value

Advise Build Operate

Cyber Resilience (inner ring)
- Integrated Risk Management
- Cloud Security Programme
- Cyber Skills & Awareness
- Security Operations
- Security Strategy
- Cyber Threat Intelligence
- Secure Engineering & Enabling Technology
- Cyber Attack Simulation
- Cyber Governance, Management & Compliance
- OT/CNI Cyber Services
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Civil Space
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- Commercial Space
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- EO Applications & Services
- Square Kilometre Array
- Space Science
- Space Simulators
- Spacecraft Operation
- 5G/SatCom Engineering
- Launch Support
- Met Office
- Satcom Network Systems
- Space Exploration
- CGI GeoData360
- AI for SatCom
- Space Cyber Security
- Space Network Operations Systems
- Digital Twin Earth

Military Space
- Space Command Architecture
- Ground Segment M&C
- Skynet
- Space ISR Data Management
- CGI SignalSense
- Secure Navigation Services
- Space C2 and SDA
- PICASSO
- Intelligence R&D

Intelligence
- Nostromo
- UK Intelligence Agencies Applications
- ODYSSEY
- UK Intelligence Agencies Technologies
- Intelligence Frameworks
- UK Intelligence Agencies Infrastructure
- Defensive Cyber Capability
- Crypt Key Management
- Waterguard/CSIS
- defnet (Novus)
- National Security Vetting System
- MOD Cyber SOC Services

Business Systems
- Defence Manufacturing Prime IT Support
- Multi-Level Secure Cloud
- DLMC
- Digital and IT Professional Services
- End User Services
- JAMES Hosting
- OSM/ITSM
- Defence Medical
- Mission System Integration
- Spectrum Management
- DSTL
- Fire Control
- Military Platform Security

Land
- CGI OpenSea360
- Tactical Military Communications
- Open Architectures
- ATAK Integration
- Submersible Craft
- SYCOIEA
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- Sub 24m Craft Mission Systems

Maritime
- Maritime Combat Systems
- High-Speed Navigation
- Electronic Warfare Operational Support
- RNLI
- MD4IA
- Civil Aviation Authority
- CGI VirtualFlightRecorder
- Civilian Airline Secure Comms
- RAF Digital Consulting
- SBAS
- NATS

Aerospace
- Geospatial
- Advanced Analytics
- Autonomy & Robotics
- Machine Learning
- Vehicle Data Architectures
- Digital Twin
- Voice Control
- Mobile Application Development
- Secure Cloud
- Operational Technology
- PNT Resilience
- Situational Awareness
- Secure & Assured Mobility
- Mixed Reality
- Secure Connectivity
- Intelligent Automation

Emerging Technologies
- Quantum Computing
- Artificial Intelligence
- Video Analytics
- Sustainable Technology

Global Capabilities
- Central Government Pull-Through
- Academic Partnerships
- Digital Business Consulting
- Commercial Pull-Through
- Infrastructure Advisory
- Innovation Centre/R&D Lab
- Global Space Business
- 5* Accredited Service Desk
- NATO Pull-Through
- Sustainability Advisory
- Five Eyes Pull-Through
- Policing & Justice Pull-Through
- Framework Management
- Secure Data Centres
- Alliance Management
- Global Technology Operations
- Government Relations
- Global Cyber Centres
- Industry Body Engagement
- Intellectual Property

Social Value
- Diversity, Equity and Inclusion
- STEM Outreach
- Net Zero Commitment
- Partner Ecosystem
- Charity And Community Partnerships
- Wellbeing
- Corporate Covenant Gold Award

CGI

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 • Video Analytics
- Secure Connectivity • PNT Resilience Geospatial
- Intelligent Automation • Secure & Assured Mobility
- Mixed Reality • Situational Awareness
- Artificial Intelligence • Operational Technology
- Secure Cloud • Mobile Application Development
- Voice Control • Vehicle Data Architectures
- Machine Learning • Digital Twin • Autonomy & Robotics
- Advanced Analytics • Sustainable Technology

Global capabilities

Insights-driven and outcomes-based

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.

- Academic Partnerships • Government Pull-Through
- Commercial Pull-Through • Digital Business 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 • Alliance Management
- Global Cyber Centres • Government Relations
- Intellectual Property • Industry Body Engagement
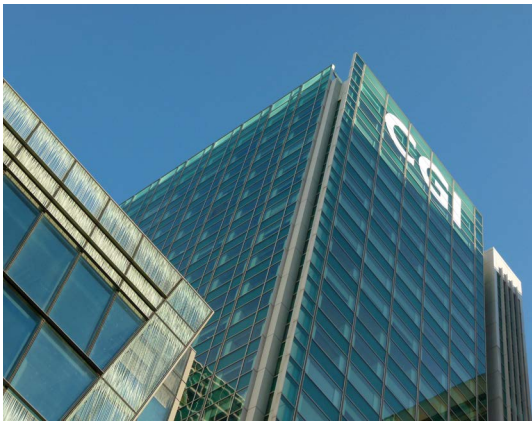
We are a true IT Systems Integrator. We work tirelessly to advise, build and operate bespoke, technically complex, mission-critical information systems which help our clients keep us all safe and secure.

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
or email us at enquiry.UK@cgi.com

CGI