

CGI Innovating and integrating the digital fabric of Space

Dr. Jaime Reed 

Vice President

Space data platforms and applications

CGI



CGI at a glance

Founded in 1976
46 years of excellence

CA\$12.9 billion revenue

90,000 consultants

400 locations in 40 countries

5,500 clients benefiting from
end-to-end services



CGI Space software and IT services

Systems Integration

Enterprise architecture consulting

Network Management Systems

Satellite resource management

Full BSS/OSS, satellite control centre, network control centre implementation

Payload data processing & management systems

Geospatial solutions

Hybrid cloud management and applications/IT integration

Network architecture & build

B2B satellite & 5G/IOT applications development

Bespoke software

Application development and management

Mobile/web applications

Security and safety critical software

Implementation of Agile, hybrid & SAFE

Managed IT

Delivering a complete range of IT outsourcing capabilities

SIAM with 5 star helpdesk and SaaS options

Global delivery model with on-shore, near-shore and off-shore capabilities

Cyber security

Enterprise-wide cyber security consulting and operations

10 Global Security Operations Centres available as a service

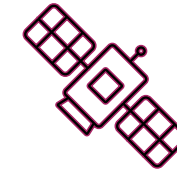
Advanced Threat Intelligence (ATI) and pen testing

Key management

Business Consulting

Helping CIOs to digitalize processes and technology across the enterprise to drive increased capability through business process consulting

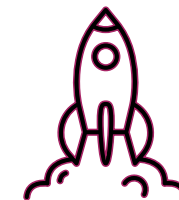
Dedicated Sustainability consulting practice



40+ years of Space expertise

20+ commercial Space clients

1000+ Space experts globally



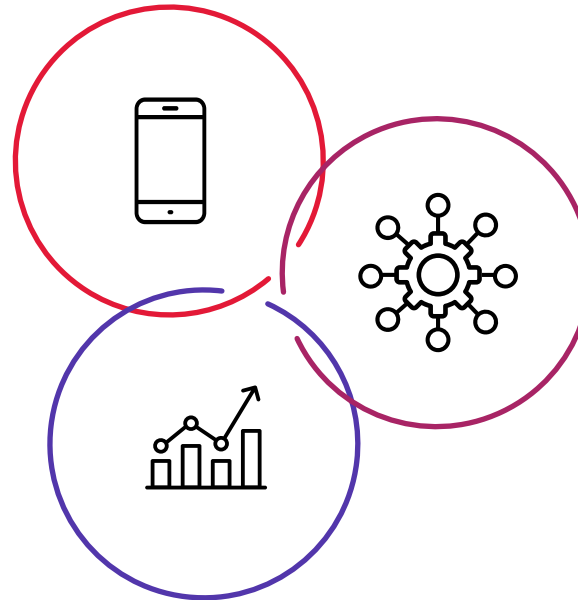
Insights on Satellite Operator digital imperatives

Product and mission

- Implement (& monetize) 4G/5G and IOT terrestrial protocols from Space
- Bring new flexible terminals to market
- Use Space Based IOT to feed digital twins

Operations enablement

- Connect the entire enterprise to be more agile and enable new products
- Support new satellites
- Enhance cybersecurity
- Improve regulatory compliance

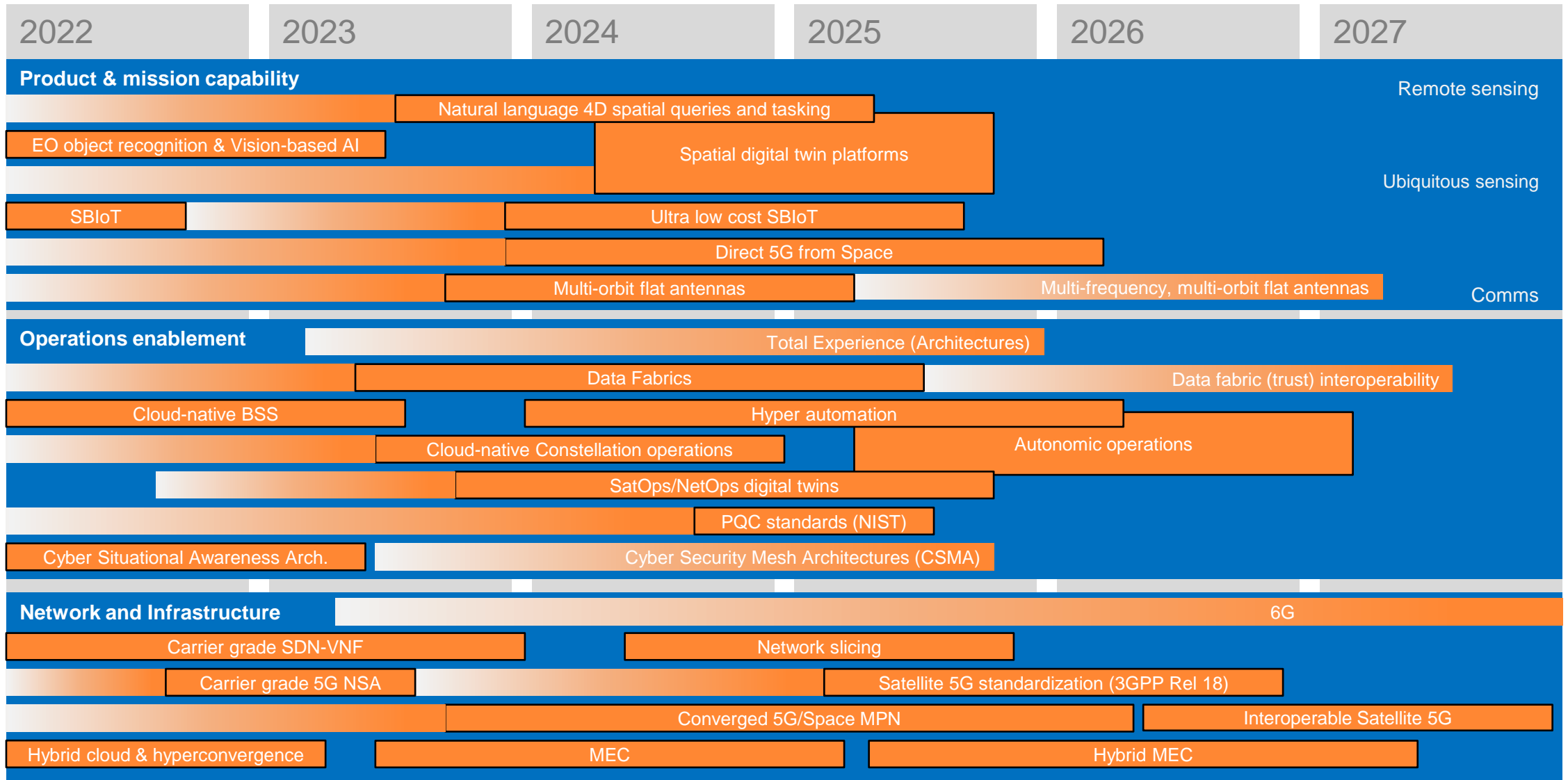


Engineering





- Develop the ability to offer hybrid networks
- Maximize Satellite resource use
- Virtualize infrastructure to reduce time to implement new services
- Enhance use of COTS to reduce supply chain vulnerability

<https://www.cgi.com/en/voice-of-our-clients>

CGI Our roadmap for the digital fabric of Space



The digital fabric of Space

 Data fabrics	 Operations automation and total experience	 SDN-VNF and 5G	 Spatial Digital Twins
<p>Make data access and discovery consistent across an organization and for customers, with scalable, granular trust and rights management</p>	<p>Reduce operational costs and errors, whilst scaling your business, providing a seamless experience for customers and employees</p>	<p>Composable software defined networks which can be rapidly tailored and optimized in real-time to achieve better solutions for customers</p>	<p>Combine data, system/forecast models and ML analogues into real-time decision-making solutions for problems using spatial data</p>
<p>1. CGI SecureDataFabric</p>	<p>1. CGI AccelerateAI360 2. Hybrid cloud OSS/BSS solutions, RPA</p>	<p>1. 5G Hub 2. Dynamic Predictive Routing</p>	<p>1. CGI GeoData360 2. Digital Twin Earth</p>

CGI: Innovating and integrating the digital fabric of Space

- We are an IT systems integrator and consultant bringing global and scalable solutions, with deep expertise in Space, Defence and Telecoms
- A new wave of digital technologies create the Digital Fabric of Space which will empower organizations to better serve users, scale up, and reduce costs
- CGI can help you to explore and deliver these solutions

... and we are hiring!



About CGI

Insights you can act on

Founded in 1976, CGI is among the largest IT and business consulting services firms in the world.

We are insights-driven and outcomes-based to help accelerate returns on your investments. Across hundreds of locations worldwide, we provide comprehensive, scalable and sustainable IT and business consulting services that are informed globally and delivered locally.

[cgi.com](https://www.cgi.com)



The CGI logo, consisting of the letters 'CGI' in a bold, red, sans-serif font.