

Orbital systems
Launchers
Satellites
Ground segments
Transversal competencies



CGI supports space clients across **Europe, Australia, Asia and North America**. Our first space project was in **1974** and we have continued to grow our presence in the space sector. We work to increase the value of our clients' space investments while combatting ever-growing security threats to space assets and information.

COMPETENCIES & CAPABILITIES

At CGI, we deliver secure, mission-critical space systems to commercial and government organizations looking to accelerate their digital transformation. Since completing our first space project in 1974, we have developed **advanced systems and software for government, military, scientific, academic and commercial space initiatives**. We supported the missions of more than **1 000 space satellites** and our **2 500 experts** in space and related industries help our clients build strategies and solutions that achieve tangible outcomes. Increasingly, space data-enabled solutions are part of daily life. Location-based services, weather forecasting and navigation systems, available on almost every mobile device, are just a few examples. The opportunities to use space data to help government and industry address key challenges such as climate change, environmental sustainability and net-zero continue to expand, along with evolving security and privacy requirements. Our capabilities in **Earth observation, satellite communications, satellite navigation, satellite operations, space applications** and **space cybersecurity** include **data processing** and **exploitation, robotics, command and control, on-board software, modeling** and **simulations, ground segment engineering**, and **situational awareness**.



PRODUCTS & SERVICES

We develop and implement secure, cutting-edge space systems:

- **Monitor and control systems** - technology that reliably and cost-effectively manages space assets.
- **Satellite applications and services** - that extract information from satellite data, including weather, navigation, telecommunication and geographical survey data.
- **Business management systems** - enterprise applications enable space companies to run their businesses.
- **Telecoms and broadcasting systems** - we have developed some of the world's most advanced systems for satellite network and service management, billing, messaging and subscriber management.
- **Ground segment prime contractor** - the ground infrastructure of space programmes has complex software-intensive systems which we design and manage, ensuring deployment on time and to budget.

MAJOR SPACE PROJECTS & REFERENCES

Our client list is a Who's Who of the European space industry, including the **European Commission, Space Agencies, Eumetsat, Eutelsat, Inmarsat, SES, Airbus Defence & Space** and **Thales Alenia Space**. Our in-depth space sector knowledge and our contribution to major technical advances ensure that we contribute to many of the world's most prestigious space programmes, including **Cassini-Huygens, Galileo, Egnos, Copernicus, Inmarsat 4, MSG, MTG, MTSAT, Rosetta, Skynet5** and **XMM-Newton**. For example, we:

- Delivered the Galileo satellite constellation control facility that will control all Galileo's 30 satellites – Europe's strategically important satellite navigation system
- Provided the flight software for the Huygens probe which successfully landed on Titan, Saturn's largest moon.
- Delivered systems that produce weather satellite images and data for Europe, Africa, the Pacific and the Indian Oceans, covering a population of over 3 billion people.
- Supply systems that validate GPS navigation messages, ensuring their safe use by the aviation industry.

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TURNOVER 8 760 M€

WORK FORCE 91 500

SPACE TURNOVER 200 M€

SPACE WORK FORCE 2 500