



2020 The dawn of the new space era

2020
CGI developed the operational simulator for ESA's Solar Orbiter which launched in 2020

2019
CGI supporting a New Era of Mega Constellations

2018
SENTINEL-3 B launched by ESA on 25th April 2018 was supported by CGI through the development of an Operational Simulator

2018
Grace-FO a JPL/German satellite measuring Earth's water movement across the planet, CGI developed the on-board software

2018
CGI developed the operational simulator, as well as the on-board software for ESA's Aeolus, the first satellite to carry laser Doppler instrument

2017
SENTINEL-2 B funded by ESA, CGI generated the modelling and simulation for this satellite

2015
SENTINEL-2A funded by ESA, CGI generated the operational simulator for this Earth Observation mission

2015
CGI develops security and safety systems for Iris Precursor helping to modernise Europe's air traffic management

2015
ESA's Lisa Pathfinder satellite measures gravitational waves, CGI developed the on-board software

2016
SENTINEL-3 A launched by ESA on 16th February 2016 was supported by CGI through the development of an Operational Simulator

2016
CGI contracted to develop a transformation roadmap for the UK SpOC

2016
15 December 2016, Galileo declares Initial Operational Capability supported by CGI ground

2014
CGI helps guide Rosetta's lander Philae on the comet 67P/Churyumov-Gerasimenko

2014
CGI delivers eSurge project making satellite data available to storm surge modellers and forecasters

2014
CGI supports ESA enterprise software services

2013
Estonia's ESTCube-1 launched, controlled by mission control software developed with CGI

2013
ESA's constellation of three satellites SWARM launched, CGI developed the on-board software

2013
Extension of ESA XMM mission by CGI in-flight software modification

2010
ESA Crocyat-2 mission is launched, CGI developed the on-board software

2011
CGI validates and verifies information being broadcast for safety of life EGNOS service

2011
CGI begins 10+ year programme to help European countries define and deploy national infrastructure for Galileo Public Regulated Service (PRS)

2010s Bringing space into our daily lives

2012
CGI helps design EGS-CC, ESA's 5th generation mission control system and deploys innovative low-cost control system for Estonia's cubesat

2013
ESA's Rosetta rendezvous with comet; CGI staff help guide it in

2013
CGI helps develop processing facilities for EUMETSAT's Meteosat 3rd generation (MTG) satellites

2009
CGI develops ESA's GlobWave system for maritime research

2009
ESA SMOS is launched, CGI developed the on-board instrument control software

2008
CGI helps develop the payload data segment for ESA's GOCE gravity measuring satellite

2006
ESA's Meteosat MSG 2nd generation, ground control systems

2006
CGI begins development of security infrastructure for ESA's Galileo sat nav system

2004
Rosetta an ESA funded satellite launched, CGI was responsible for the development and maintenance of the spacecraft mission control system

2005
In January 2005, ESA's Huygens probe descended through Titan's atmosphere and survived for several hours on the surface. CGI supported the development of the mission control system and the host spacecraft simulator

2005
CGI supplies enhanced MPEF for EUMETSAT's Meteosat 2nd generation

2005
ESA's Venus Express launched, CGI were responsible for the Mission Control System maintenance and contributed to contributed to the spacecraft operations at ESA control centre, ESOC

2004
ESA's Cassini reached Saturn. CGI supported the development of the mission control system and the spacecraft simulator

2003
CGI designs ground segment and security for ESA's Galileo sat nav system

2003
CGI supplies enterprise, service and network management systems for UK's Skynet 5 privately operated military satcom system

2000s Helping make space more secure

2003
Beagle 2 launched with ESA's Mars Express with CGI software on-board. CGI also helped mission control system development and maintenance, as well as contributing to the spacecraft operations at ESA control centre, ESOC

2000
CGI uses satellite communications network to link 400+ banks in its Indian inter-bank settlement system

2000
CGI supplies image acquisition system for Japan's MTSAT weather satellites

1996
CGI develops Eutelsat's first mission control system

1996
CGI monitors UK potato acreage using satellite images

1997
Huygens launched with Cassini; lands in 2005 on Titan - controlled only by CGI on-board software

1997
CGI begins 20+ years safety critical development and consultancy in the EGNOS sat nav programme

1998
CGI helps design security requirements and architecture for UK's Skynet 5 military sitcom system

1995
CGI supports ESA's electronic document system

1995
CGI develops SCTV trajectory monitoring system for all Ariane launches

1995
ESA's SOHO was launched, CGI provided software for the on-board systems

1995
CGI supplies EUMETSAT's first Meteorological Product Extraction Facility (MPEF)

1990s To boldly go...

1994
CGI uses satellite images to forecast UK sugar beet crop yield

1994
CGI helps develop SCOS-1 ESA's 3rd generation mission control system

1990
CGI developed the mission control software, flight dynamics and planning and automation for Skynet IV

1990
Hubble Space Telescope launched

1983
CGI develops general purpose image processing suite for space, defence, industry, health and other applications

1985
CGI helps develop M3S, ESA's 2nd generation mission control system

1980s The building blocks for growth

1986
ESA's Giotto flies past Halley's Comet; CGI tested on-board logic and developed mission control

1989
CGI-led team designs ground segment for ESA's Envisat satellite

1978
CGI staff begin 35+ years of support to ESA's flight dynamics software and operations

1975
CGI helps develop ESA's first generation mission control systems

1970s The journey of a thousand miles begins with a first step

1974
CGI helps develop ESA's Meteorological Information Extraction Centre (MIEC)

1960s The beginning

1961
Yuri Gagarin becomes the first human to journey into outer space

1969
Neil Armstrong was the first human on the moon

1957
Sputnik, the world's first artificial satellite, is launched into orbit