WE HELP EARTH BENEFIT FROM SPACE
500 Employees
25 Nationalities
20 Locations
10 Countries
SOME OF OUR CUSTOMERS AND PARTNERS
DECADES OF EXPERIENCE

• Space operations services since 1958
• Collaborative partner to the world’s space agencies and organizations
• Enabler of new government and commercial space endeavors
• Owner/operator of one the world’s largest multi-mission ground station network
• Actively engaged in customers’ mission-critical spacecraft operations every day
BUSINESS AREAS

Science & Launch Services

Satellite Ground Network Services

Spacecraft Operations & Engineering Services
SCIENCE & LAUNCH SERVICES
SCIENCE & LAUNCH SERVICES

- Sounding Rockets
- Stratospheric Balloons
- Autonomous Systems
- Ground Instruments
- Payloads & Systems
- Scientific support
- Test & Validation
- Software Development
- Small Satellite Launches
ESRANGE
THE MOST VERSATILE SPACE CENTER IN THE WORLD

SCIENCE & LAUNCH SERVICES

Sounding Rockets
Technology Demonstrations
Stratospheric Balloons
Reusability Test-Bed

UNDER DEVELOPMENT

Launching of Small Satellites

SATELLITE GROUND NETWORK SERVICES

Satellite Ground Network
• Launch Support Services
• On Orbit Services
• Hosting Services
• Satellite & Network Operations
• Gateway Services
• Teleport & Media Services
• Data Handling & Processing
• Consulting & Mission Engineering
SSC GLOBAL NETWORK OF GROUND STATIONS
GLOBAL CONNECTIVITY FOR SPACE OPERATIONS

One of the world’s largest multi-mission tracking networks
One of the world’s largest multi-mission tracking networks
The SSC Inuvik station in Canada was established in 2010 to complement the Kiruna station, at same latitude and with 180° separation.

The two sites are operated together by SSC, as one site, with the load shared seamlessly.

- The geometry and separation gives a favorable solution to download more data by avoiding overlapping coverage.
- Allows for data downloads that are non-intrusive with respect to many imaging areas.
- Mitigates RF-interference issues from simultaneous X-band downlinks closer to the North Pole.
- A reliable solution for high availability and flexible scheduling of redundant resources, a requirement for Ka-band and future optical communication.
SSC CONNECTIVITY
ONE CONNECTION INTO SSC GLOBAL NETWORK – ACCESS TO ALL SERVICES
SPACECRAFT OPERATIONS & ENGINEERING SERVICES
ENGINEERING SERVICES

- Complete Space Consultancy services at Europe’s largest space organizations
  - ESA
  - DLR
  - CNES

- Support during every phase
  - from designing and testing
  - through to launch and operations
Spacecraft Operations & Engineering Services

Support throughout

- Satellite & Spacecraft Operations
- Ground Segment Infrastructure
- Systems Engineering
- Training & Simulations
- Mission Assessment & Engineering
- Independent Consultancy
CURRENT IOAG-SSC CONTEXT

• TODAY:
  • Agency cross-usage of infrastructure
  • Agency mission support
  • CCSDS Observer
    • Usage and implementation in operations
  • SFCG member

• Other Topics of interest within IOAG discussions:
  • OSLG follow-ups
  • DTN
  • LEO26SG follow-ups
WE HELP EARTH BENEFIT FROM SPACE

www.sscspace.com