

REDU SPACE Services s.A. (RSS) is a Belgian company appointed by the European Space Agency (ESA) to perform the maintenance & operations of the ESA station located in REDU, Belgium.

In that respect, we strongly benefit from the neutrality of an institutional ESA site.

Our mission is also to provide top-class space services for commercial customers, Governments & Institutions.

Our dedicated engineering and operations teams offer operational services in large-scale space fields such as 24/7 satellite operations, TT&C services, IOT services, LEOP services, Payload Management & Control, Infrastructure Hosting and Integrated Applications...

RSS at a glance :

- **40 years of experience in operating ESA missions**
- **40 highly experienced engineers and technicians**
- **European Centre of Excellence for In-Orbit Testing (IOT)**
- **Mission Control Centre for LEO & GEO satellites**
- **Site fully secured, autonomous in power supply & with fully redundant connectivity**





EXCELLENCE IN “IN-ORBIT TESTING”

Neutrality & Expertise

- Recognized as the European Space Agency (ESA) Centre of Excellence in IOT
- International reputation for expertise in payload commissioning for more than 40 telecommunications satellites at the cutting edge of technology
- Selected to test the full Galileo constellation (over 30 satellites in addition to the demonstration satellites already tested from Redu)
- Future IOT facilities expansion will enlarge capabilities and increase automation level



LEO & GEO SATELLITE OPERATIONS CENTRE

Know-How & Reliability

- Dedicated Control Centre for the LEO satellite fleet, based on the PROBA platform
- Ground Control Segment Design support, Installation and Validation
- Knowledge and Experience in satellite commissioning and operations
- Established Mission Control Centre for LEO & GEO
- Operator of Data Relay Services
- Efficient takeover in emergency situations
- Hosting of Operational and Back-up Control Centres



HOSTING AND INFRASTRUCTURE

Space for You

- Teleport Uplink/Downlink and Backhauling Services
- Dedicated facilities for Governmental & Institutional customers
- New TT&C Antennas and Facilities
- Fully secured premises for technical equipment and datacentre hosting services
- Site fully autonomous in power supply
- Redundant broadband connectivity



INTEGRATED APPLICATIONS

Combining our fields of expertise

- Operational expertise in key fields of Integrated Applications : Telecom, Earth Observation, Navigation
- Cooperative system for Geolocation (worldwide localisation of interference sources)
- Operational synergy with Space Applications industry

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