

GE
Satcom

Teleport Services



imagination at work

GE - Satcom is a major provider of satellite broadband communication services worldwide. With two state-of-the-art operations centres located in Backnang, Germany and Leuk, Switzerland, GE - Satcom delivers global turnkey satellite communication solutions for corporate and government clients while offering standard services for VARs, Telcos and system integrators.

Both Backnang and Leuk teleports contain a wide range of advanced satellite technology platforms, have visibility over 30 satellites and serve as European gateways to the EMEA region.

Typical Users

Today, GE - Satcom serves customers in around 130 countries with over 10,000 remote VSAT sites in operation. GE - Satcom customers range from international enterprises, Telecoms, ISPs and public entities that run point-to-point or multi-point networks, which require uplink and downlink service, via our teleports, in combination with terrestrial connectivity.

Backnang Teleport

- Located in south-west Germany, near Stuttgart
- 5,100 sqm floor space on 12,000 sqm land
- Main technical facility with engineering, operations and technical support
- Antenna farm, including 20 Antennas
 - C-Band: 4.6 m to 8.1 m
 - Ku-Band: 3.7 m to 8.1 m

Engineering Solutions

The Network Management and Engineering Teams deliver real value beyond the state-of-the-art facilities they manage. Through their in-depth technical knowledge and experience they can provide consultancy, network design, satellite space provision, hub and remote equipment testing, license acquisition, as well as remote site installation anywhere in the world; in summary end-to-end service provision and management.

Leuk Teleport

- Located in the Swiss Alps, near Sion
- The only commercial teleport in Switzerland
- 4,200 sqm housing for telecommunications equipment on 150,000 sqm land
- European gateway to a diverse blend of customers in Africa, Asia, Europe, the Middle East and South America
- Antenna farm, including 34 antennas
 - C-Band antennas up to 32 m
 - Ku-Band antennas up to 18 m

Teleports Overview

- More than 110 local satellite antennas
- Operational 24 x 7, 365 days a year
- State-of-the-art operations infrastructure
- Complete view of the orbital arc from 75° East to 55° West
- All systems fully redundant and dimensioned for future growth
- Redundant UPS, battery backup, diesel generators and fuel storage in case of failure of commercial power
- Air-conditioning and fire protection systems in all hub and server rooms
- Access controls, movement detection system and video surveillance
- Secure protection fencing surrounding the perimeter
- De-icing system for antennas





Network Management Capabilities

- Service partner support management
- Multi-lingual data communications specialists
- Sophisticated network management and performance monitoring tools
- Reference VSATs monitoring for every operated customer network
- Multiple telephone exchange connections; email and voicemail backups
- Full escalation procedures

Platforms and Hub-Hosting Services

GE - Satcom offers the widest flexibility with its range of technology platforms from its teleports to meet customers' specific satellite requirements.

Technology platforms:

- Satlynx SCPC
- Satlynx Direct
- Satlynx 9000

Ancillary services

- High-speed access to PoPs around the globe
- Co-location services with the benefit of utilising uplink and downlink facilities over existing antennas or the option of custom built antennas
- Housing client's satellite equipment, VPN or edge servers
- Fully redundant support and management systems
- In-house engineering teams carrying out maintenance, repair, provisioning, acceptance and satellite equipment testing

Satellites in Use

Satellite	Orbital Position
Atlantic Bird 3	5°W
AMC-6	72°W
AMC-4	101°W
Arabsat 5A	30.5°E
Astra 1E	23.5°E
BADR-4	26°E
BADR-6	26°E
Eurobird 1	28.5°E
GE-23	172°E
HellasSat-2	39°E
Hispasat-1D	30.0°W
Hotbird 6	13°E
IS-10	68.5°E
IS-12	45°E
IS-1R	45°W
IS-4	72°E
IS-805	55.5°E
IS-901	18°E
IS-902	62°E
IS-903	34.5°W
IS-904	60°E
IS-905	24.5°E
IS-906	64°E
IS-907	27.5°W
NSS-10	37.5°W
NSS-7	22°W
SESAT 1	36°E
SESAT 2	53°E
Sirius 2	30°E
Telstar 10	76.5°E
Telstar 11N	37.5°W
Telstar 12	15°W
Telstar 18	138°E
W2A	10°E
W3A	7°E
W6	21.5°E
Yamal 202	49°E

GE - Satcom is headquartered in Backnang, Germany where it has a teleport and operational centre, as well as one in Leuk, Switzerland.

GE - Satcom experts are available to answer your requests to take your project from idea to operational reality.

**For further information
please contact us:**

T +49 7191 971 0
info@gesatcom.com
www.gesatcom.com



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