

Extend your
reach
around the
globe

 HORIZON
TELEPORTS



WHO WE ARE:

Horizon Teleports is a leading provider of satellite-based communications services for businesses across the globe. Understanding its customers' need for extremely reliable and cost-effective communications, the company utilizes its fully redundant and secured teleport infrastructure, comprising of 16 high-end antennae, to offer worldwide coverage with guaranteed 99.99% uptime.

Strategically located in Munich, Germany, Horizon Teleports is backed by extensive technical expertise of its holding arm, HorizonSat, a reputed Dubai-based satellite communications provider with more than a decade of experience in the industry.

Horizon Teleports offers access to a network of 16 C/Ku/Ka Band satellites located between 55° West to 78° East. This wide distributed network enables customers to enjoy seamless connectivity across Asia, Europe, the Middle East, Africa and the Americas.



SERVICES:

MEDIA & BROADCAST SERVICES:

TV Distribution:

Satellites are an unsurpassable means of distributing TV and Radio programming to the maximum population of any geographic area. Our professional, flexible and reliable TV Distribution and turnaround services are optimized to deliver content to a large audience. Horizon Teleports operates a series of satellite broadcasting platforms and provides high quality infrastructure for customer's digital satellite broadcasting.

TV Contribution:

Our global satellite network allows broadcasters the most flexible contribution of TV content such as transmission of content feeds from a remote source like a Satellite news gathering (SNG) unit to a broadcaster's studio, or from a studio to our teleport.

Fibre and IP Connectivity:

Horizon Teleports' redundant fibre network is optimized for fast, constant and dependable delivery of audio and video content. Through dedicated links and private leased lines, we provide easy access to Telehouse London, Amsterdam, Frankfurt, Paris and New York, and thus have the best IP connectivity, critical for sending broadcast content via the internet.

Disaster Recovery:

Horizon Teleports offers customized fibre and satellite-based disaster recovery services for broadcasters that ensure immediate restoring of operations in case of failure of existing network. Our expertise lies in disaster recovery for all kind of broadcasting services, such as receiving, transcoding/encoding, conversion and playout of TV channels, radio and TV transmission on any satellite. Through detailed planning and dependable forecasting, we leave nothing to chance and ensure you are televising throughout.

Playout Managed Services:

Our tailored Playout & Media management services backed with high level resiliency, intelligent monitoring and critical back up features allow us to provide live transmission of HD & SD content feeds to broadcasters across the globe. Our fully redundant and automated Playout Managed Services combined with our TV Transmission solutions offer a "One Stop Shop" for International Broadcasters who require high quality end-to-end media delivery solutions.



TELECOM SERVICES:

Mobility, Offshore & Maritime Solutions:

Horizon Teleports ensures seamless maritime connectivity for voice, data & internet, through its global satellite network. The services offered include customized bandwidth solutions for business & crew welfare. For Oil & Gas operators, we offer an efficient, flexible & scalable communication service to connect their offshore / onshore rigs based on their individual needs.

Aeronautical Connectivity:

We serve the Aeronautical industry for hosting, operations & transit solutions for in-flight internet and satellite based Automatic Dependent Surveillance (ADS-B and ADS-C) localization services.

Space Segment:

Horizon Teleports is an internationally acclaimed operator of Long Distance & International Satellite Networks. We facilitate communication between locations by providing our clients the required space segment capacity, professional consultancy and ground communication facilities.

GSM Backhaul:

GSM Backhaul through satellite is an effective means of expanding cellular reach of terrestrial networks, mainly in rural areas. With our GSM backhaul solution, Telco operators can extend their cellular coverage of 2G, 3G, 4G and LTE or WiFi / WiMax networks. This cost-effective and scalable solution may also be used as back-up in case of terrestrial network failures.

Backbone Connectivity & IP Trunking:

Horizon Teleports offers Internet backbone access via quality, dependable satellite links to ISPs, Corporations and Telecommunication Companies for areas that have no access to fibre or undersea cable infrastructure. We provide a number of internet trunking and termination solutions that support small to large trunking requirements as well as applications such as VOIP and VPNs.

Managed Broadband Solutions:

Horizon Teleports provides managed broadband satellite networks and solutions for large enterprises, governments and Telcos. Customers can manage their own networks through our dedicated and highly resilient hub based VNO solutions. This unique offering delivers superior flexibility for all our clients to share and allocate their bandwidth and space segment resources between sites.

INFRASTRUCTURE HIGHLIGHTS

Wide range of Options:

- Antennae from 2.4 – 9.4m
- Antennae supporting full C/Ku/Ka-Band frequencies with 4-port feeds

Latest Technology:

- Special Ku-band combiners used in transmit chain to add different frequency ranges without disrupting existing services
- New generation antenna controllers
- State-of-the-art equipment room
- Remotely controllable PDUs for each rack
- Fully remote controlled matrix switch for Tx/Rx
- All antennae fitted with rain blowers
- Built-in hot air de-icing system on 9.4m, 7.6m and 3.8m antennae, guaranteed operability up to -30°C
- Fully motorized antennas for azimuth elevation and polarization
- UPS systems

Redundancy:

- 2:1 Redundant LNA system
- 2:1 Redundant Indoor HPA
- 2:1 Redundant Up/Down Converters
- Redundant Dark Fibre IP Connectivity
- Redundant 460 kVA Generator Backup
- 1:1 fully redundant fibre links for entire transmit & receive chain



OUR NETWORK & TERRESTRIAL GRID

We provide access to satellites & broadband internet connectivity to our clients, supported fully by a redundant dark fibre connectivity link to our PoP (Point of Presence) at Equinix, Munich. The PoP provides a redundant internet backbone connection from NTT Communications & Telia Sonera with 1 Gbps each.

Connection to the worldwide telecommunication grid is provided through access to Telehouse London, Frankfurt, Amsterdam, Paris & New York from our PoP. We offer customized solution with greater redundancy, using geographically diverse fibre links between regions, to all our clients.

SITE SECURITY SYSTEMS

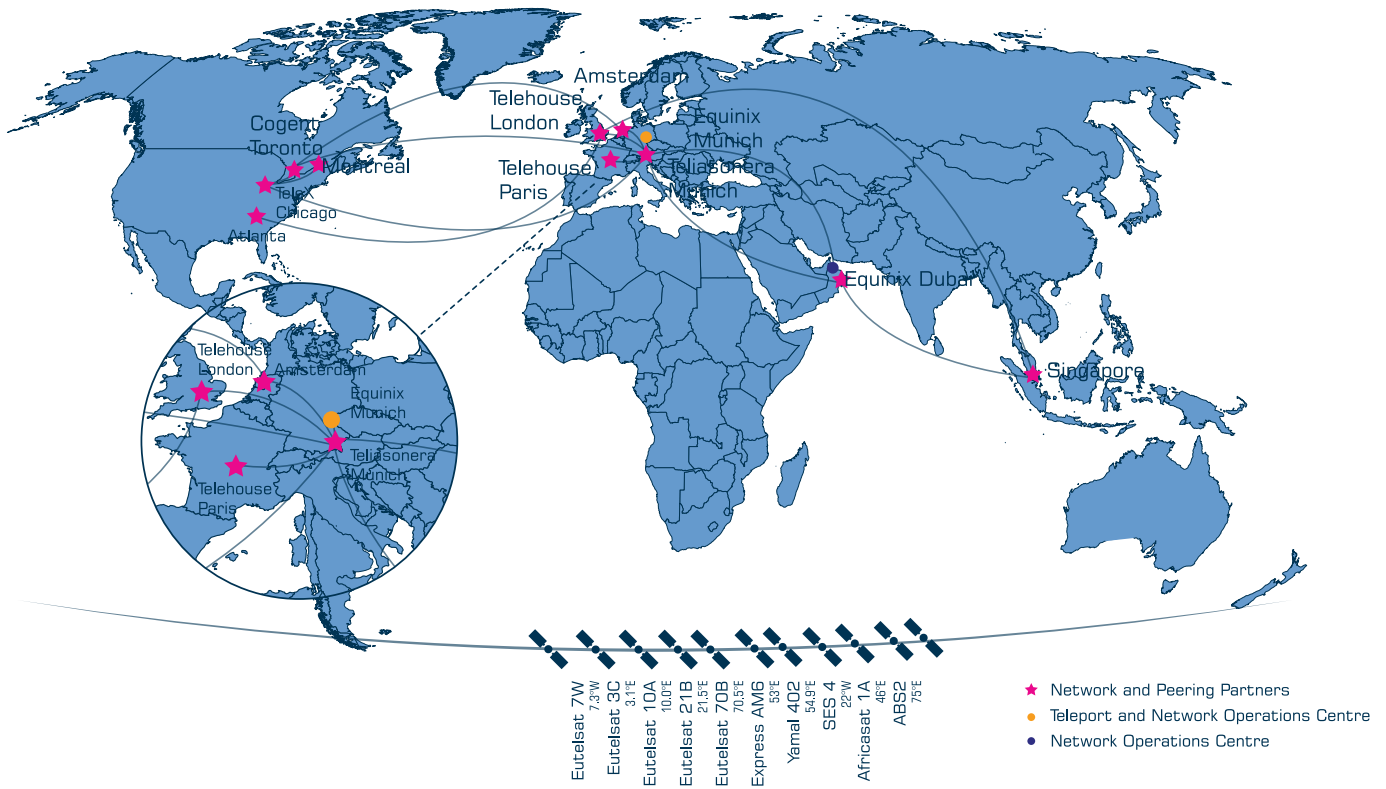
Entire perimeter of the teleport is protected by high fencing and access provided only through secured and monitored security gates. Access to various sections of the facility is fully monitored, controlled, and logged through access card system with automatic security alarm and call out features. The facility is monitored on 24/7 basis through multitude security cameras with time-lapse video recording system.

24 X 7 X 365 Support

The state-of-the-art infrastructure is monitored & supported 24/7 by a dedicated team of qualified personnel from the company's Network Operations Centers located at Munich, Germany & Dubai in United Arab Emirates.

Horizon Teleports provides a performance guarantee of 99.99% uptime and highest reliability, to every client using the latest technology.

Horizon Teleports Global Network



THE HORIZON TELEPORTS ADVANTAGE

- Satellite look-angle covering 55° West to 78° East
- Backed by more than a decade of satellite communication expertise
- Using high-end antennae and subsystem with the latest technology
- Consultative approach with focus on cost-effectiveness and reliability
- Completely redundant and secure infrastructure
- Broadband internet access (through redundant internet backbone)
- 24/7 state-of-the-art Network Operations Centre
- Managed and customized services
- Pro-active monitoring and quality of service



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