

TCS TELEPORTS

Instant, uninterrupted communication is expected, as well as essential, in today's global economy. TeleCommunication Systems, Inc. (TCS) Teleports provide robust satellite bandwidth network connectivity worldwide to support mission-critical voice, video and data transmission needs in the event of an untimely or unexpected outage.

TCS is outfitted to provide a flexible end-to-end solution for mission critical communications, to commercial enterprises as well as government and DoD agencies worldwide. The TCS owned and operated teleport is located in Manassas, Virginia, with partnerships in Fuchstadt, Germany; and London, England. Operating in Ku and C-Band, TCS facilities are equipped to handle a variety of communication needs. TCS is the reliable choice for high capacity voice, video and data communication over IP-based networks required for Voice over IP (VoIP), multimedia, Internet, and messaging data.

Teleports and Gateways

The Manassas International Teleport (MIT) is a satellite communications gateway that connects customers to the Internet and broadband backbones via satellite communications. Composed of multiple dishes ranging in size from 3.8M to 9.3M, the MIT supports a wide variety of military, federal government, business and non-governmental organization customers. The TCS Network Operations Center (NOC) and Satellite Operations Center (SOC) are staffed with multiple, security cleared engineers who provide 24x7x365 monitoring and support to ensure seamless connectivity.



Features and Benefits

- Private teleports with geo-redundancy
- C-band and Ku band coverage
- Available capacity and co-location space
- 700 Watt HPA per Earth Station
- iDirect 5IF IP-Turbo TDM/TDMA hub
- OC-12 SONET Ring
- Back up site power generation
- Back up site UPS power
- Zoned to accommodate up to 15 - 9.3M antennas
- Cleared and certified engineers
- Monitored 24 x 7 by security cameras



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Co-location

The Manassas International Teleport has capacity for secure co-location. With coverage available in the continental United States, South and Central America, Europe, Africa, and the Middle East, TCS has the infrastructure to meet an organization's global communications requirements.

TCS offers dedicated and custom designed co-location space to support secure, reliable and efficient managed services for all voice, video, and data needs. Additionally, TCS engineers are dedicated to assessing, adapting and evolving as business and technical needs change.

Network Operations Center

The TCS Network Operations Center (NOC) in Seattle, WA is responsible for identification, troubleshooting, internal escalation, and external notification of incidents, incident management, and problem resolution. It is the only TL9000-certified NOC facility outside of a carrier environment. The NOC provides Tier 1 assistance to customers, receiving the initial help request and analyzing the incident to provide information to a qualified engineer for problem resolution. The NOC uses a nationwide paging system to ensure that any member of the TCS support team can be reached immediately, regardless of location. Features include:

- 99.999% availability
- Back-up site UPS power
- 24x7x365 network operations and technical support
- Web hosting
- ISP services
- Fully redundant backup in Phoenix, AZ
- 18 consoles, including four super size consoles, and two large 108-inch monitoring screens as well as two smaller TV screens for news feeds



Satellite Operations Center (SOC)

Located in Annapolis, MD, the TCS Satellite Operations Center (SOC) monitors and controls functions for terrestrial and VSAT networks to ensure the highest quality of service to our customers. Upon receiving an incident report from the NOC, experienced satellite engineers work rapidly to resolve the issue. TCS SOC engineers:

- Manage client satellite and network incidents worldwide visually via multiple large screen displays
- Provide 24x7x365 Tier 2 and Tier 3 support
- Are available for emergency onsite support



Your Established Partner

TCS is a leading provider of software and solutions to government customers who require high reliability and security. TCS delivers premier IT and wireless communications solutions to US government agencies including the Department of State, the Department of Defense, and the Department of Homeland Security.

Contact SwiftLink@telecomsys.com for additional information.