

TCS Space & Component Technology

Ground Systems Group (GS)



Products

- Mobile and Fixed Ground Stations
- Ground Support Test Systems
- CMD handling and TLM Processing
- Antenna control hardware and software

Comprehensive Engineering Services Dedicated to Customer Success

The Ground Stations (GS) Group of TCS Space & Component Technology delivers complete engineering services for all ground station related operations, specializing in launch support, range safety, satellite TT&C and communication systems. For over 35 years, the GS Group has designed and built satellite tracking and range control stations, as well as provided ongoing O&M support requiring expertise in international relations and cooperative agreements.

AS9100C / ISO 9001:2008 and ISO 27001 Certified

Services

- Project Management and Engineering
- System Design and Development
- Software Design and Development
- Civil Engineering and Facility Design & Construction
- Logistics and Transportation
- Installation and Integration
- Operations and Maintenance



See TCS' complete line of products and services at www.telecomsys.com.

Your Established Partner

TCS brings proven, technology problem-solving expertise to its professional service offerings for the public sector. From continuity of operations and information assurance, to cyber security and integrated logistics support, TCS solves the toughest technical challenges, under conditions that demand the highest level of reliability, availability, and security. As an ISO 9000-certified provider with many consultants holding active security clearances, TCS has an established track record over the past decade as a trusted partner providing mission continuity for the Department of Defense, Special Operations and intelligence communities, the Department of Homeland Security, and the Department of State.

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System Design

- Modular design for flexible systems
- Built-in diagnostic testing
- Autonomous operation
- Mobile, transportable, or fixed site systems
- Land or sea based
- Real-Time command and telemetry processing
- System and satellite simulation
- RF/digital signal processing
- Software development
- Data reduction, processing, and analysis
- Antenna control and operations
- Range safety functions
- Communications networking for voice, picture, and data
- Power generation and conditioning
- Time synchronization and distribution
- SATCOM

Program Management

- System requirements definition
- Quality Assurance
- Documentation
- Project Management
- Procurement
- Environmental compliance

Facility Engineering

- Site surveys
- Facility design and construction
- Environmentally safe disposal methods
- Large and small aperture antennas
- Potable water systems
- Personnel living shelters
- Operational and storage equipment shelters
- Communications infrastructure
- Power generation
- Radio Towers

Services

- Field installation and integration
- Operations and maintenance
- Critical mission launch operation
- On site repair
- Import/export Licensing
- ITAR certification
- Worldwide transportation
- On site system commissioning
- RF licensing
- Security services and training
- Fabrication and assembly
- Integration and Test

Contact

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