



**Company Overview**



Technology and Communications Systems, Inc. (TECOMSYS) is 8a certified by the Small Business Administration, and is both a minority Small Disadvantaged Business (SDB) and a Service Disabled Veteran Owned Small Business (SDVOSB).

**Core Competencies**

**Signals Intelligence Solutions**

- Tactical SIGINT expertise across Airborne, Maritime and Ground platforms.
- Subject Matter Expertise (SME) services to Army Intel, SOCOM, and IC.
- Classified systems-level design of platform "Kit" and associated networked data flow.
- Technology roadmap development for the dismantled MI/CEMA Soldier.
- Interagency (IC) technology development for DoD tactical solutions.

**Systems Engineering / Management**

- Certified Program Management support.
- Agile and Waterfall development expertise.
- Project Management.
- Systems Engineering Planning.
- Documentation development and support.

**Research and Development**

- Applied Research and Development Services.
- Past performance within all DoD Research Labs.
- Joint Special Operations Command (JSOC) applied research.
- Ongoing CRADA with NSA. Multiple patents and technical publications.
- R & D roadmapping, technology insertion and management.

**Embedded Systems / DSP**

- Speciality tranceiver Digital Signal Processing (C, C++, HDL).
- RF embedded systems design.
- Analog front-end, digitizer solutions in GPP and FPGA.
- Satellite communications, active and passive solutions.
- User Interface (GUI) and tactical embedded solutions.

**Special Projects Technologies**

- Classified technology and QRC product development.
- Covert/Clandestine product and system support.
- Technical surveillance countermeasure (TSCM).
- Concealments / Hostile Forces Tagging/Tracking/ Locating (HF-TTL).
- SME support to SOCOM/JSOC/IC.



**Cyber Solutions**

- Offensive and defensive Cyber Solutions.
- Information Assurance through Vulnerability/Compliance Scan.
- Cybersecurity through Security Technical Implementation Guide (STIG).
- Network analysis, design and deployment (classified, unclassified networks).
- Smart Grid and Cyber Range modeling and analyses.

**Avionics / Airborne Systems**

- Extensive Airborne / UAV RF Systems Engineering.
- Experience with TSO / FAA requirements.
- Special Operations RF / Communications platforms.
- CONUS and OCONUS Platform support.
- Military and commercial airborne systems engineering.

**Training, Test, Evaluation**

- Tier-1 SOCOM training classes developed and taught CONUS/OCONUS.
- Signal Analysis, Antenna and RF concealments, basic electronics.
- Test and training simulation, documentation and planning.
- Technology market trades, analyses, test and evaluation.
- CONUS/OCONUS Field Service Representative (FSR) services.

**Antenna Development**

- Custom antenna development from 2MHz - 6GHz.
- Multi-platform (Air/Land/Shipboard) design.
- Antenna / tranceiver co-site analyses.
- Tactical QRC prototype antennas.
- SOCOM/IC expertise.

**NAICS Codes**

- 334220 Radio and TV Broadcast Wireless Equipment
- 334511 Search, Detection, Navigation, Guidance, Aeronautical and Nautical Systems
- 541330 Engineering Services
- 541512 Computer Systems Design Services
- 541611 Administrative Management and General Management Consulting Services
- 541712 Research and Development in the Physical, Engineering, and Life Sciences
- 541990 All Other Professional, Scientific, and Technical Services

**Capabilities Statement:  
 Professional Engineering Service**



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**Products**

- TCS 654 - Shipborne HF multicoupler
- TCS 1000 - (Series) Tactical magnetic antenna mounts
- TCS 2050 - Small form factor 12-hour digital video recorder
- TCS 2200 - Vehicle bias-tee
- TCS 2250 - Portable uninterrupted mobile satellite communications
- TCS 3105 - High-power UHF SATCOM diplexer (Air/Ship)
- TCS 3350 - MOUS triplexer
- TCS 3900 - High-power hybrid combiner 0/180
- TCS 4000 - UHF SATCOM "SideKick" LNA
- TCS 4100 - Ultra-low noise universal SATCOM LNA
- TCS 4120 - UHF SATCOM base station LNA
- TCS 4150R Ground-based "Receive-Only" LNA
- TCS 4200 - Diplexed, active, LNA (200 Watts)
- TCS 4300 - Add-on LNA for Harris RF3080-AT001
- TCS 5000 - Lightweight, rugged UHF SATCOM pointing system
- TCS 5500 - UHF TACSAT pointing system
- TCS 5700 - IMARSAT phased array antenna pointer
- TCS 6000 - Cellphone-sized magnet-mount active beacon GPS tracker
- TCS 7000 - SIGINT, foldable, high-gain antenna
- TCS 7410 - Lambda DF directional antenna (IRD)
- TCS 7500 - Body-worn directional antenna
- TCS 7900 - Covert SIGINT Terminal Guidance (STG) Antenna
- TCS 8100 - SIGINT vehicular antenna set
- TCS 8150 - Covert MURS (GoTenna) antenna
- TCS 8200 - Multiple whip antenna
- TCS 8300 - Covert Line of Sight (LOS) vehicular antenna - WHCA
- TCS 84X0 - Wideband omnidirectional TSCM bug sweeper
- TCS 8500 - Covert VHF fabric antenna
- TCS 8550 - Body-worn antenna
- TCS 8600 - Multiband vehicle antenna
- TCS 8700 - Ultra Wide Band LOS antenna
- TCS 8800 - Active L-Band rover antenna video downlink
- TCS 8900 - LOS FM antenna system
- TCS 8955 - Vehicle mounted covert motorized broadband antenna
- TCS 9000 - Covert, fabric UHF TACSAT antenna
- TCS 9200 - Amplified TACSAT antenna system
- TCS 9100 - Low profile fiberglass antenna
- TCS 9300 - Airborne TACSAT conformal covert ISR antenna
- TCS 9400 - Specialized GPS-receive /GlobalStar-transmit LNA
- TCS 9730 - Circular polarized patch antenna for UAS control
- TCS 9750 - UAS antenna system
- TCS 9900 - UHF SATCOM buoy antenna
- TCS 10000 - Helmet-mounted DF system
- TCS 11000 - Low-cost integrated SATCOM-On-The-Move antenna
- TCS 12000 - Special Projects

**Our Customers**



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CAGE Code: 1V5A7  
 DUNS Number: 07-349-5983

**Capabilities Statement:  
 Classified Manufacturing**