Meeting Connectivity Needs for
Government Systems

COMTECH
EF DATA ™

Solutions

We have a proven track record of delivering reliable, scalable and ruggedized solutions for government applications above or below the sea, on the ground, and in the air. Some government satellite communications programs leverage our existing products and waveforms, while others require modifications or new architecture developments that push the technology envelope. Regardless of the scenario, our solutions are engineered to meet a range of standards and to support changing mission requirements.

We are ready to evaluate your network configuration and traffic mix to determine how our latest innovations can support your connectivity needs.

Technology & Products

We combine technology and expertise to facilitate communications for a variety of governments and militaries. Installed in 160+ countries, our line-up of SATCOM products are developed and manufactured in the USA, and offer reliability and advanced functionality that can optimize your space segment. Our solutions are engineered to meet a range of standards to provide adaptable, scalable, and manageable solutions to meet our customers' changing mission requirements. We have an extensive product portfolio and offer both branch and agency support.

Product Portfolio	Branch & Agency Support
• Satellite Modems – Point-to-Point & Point-to-Multipoint, Stand-Alone Solutions, Integrated Solutions	• High-speed – large bandwidth (high bps) – high throughput (high bps and PPS) applications
• Digital IF – 10 Gbps FAST OSDI Solutions	• Low-speed applications for assured communications using direct sequence spread spectrum
• Data Optimization – DuroStream 1 GbE and 10 GbE Ethernet IP FEC	• Support for MIL-STD-188-165A, MIL-STD 188-165B & STANAG 4486 Edition 3
• Network & Bandwidth Management – NetVue NMS, Bandwidth / Optimization Manager	• Secure communications using TRANSEC technology, AES-256 Data and Management Encryption, with FIPS 140-2 certification
• RF Products – C-, X-, Ku- & Ka-Band, Frequency Conversion and Amplifiers	• Product suite with WGS certification

Knowledge

Our government systems team is comprised of industry experts in Modulation, Forward Error Correction (FEC), Intellectual Property, SATCOM engineering, products and solutions. The highly experienced and cleared personnel have deep knowledge in systems engineering, hardware and software development, product and program management, government procurement and program execution, making Comtech EF Data a logical choice. Bringing a strong background of winning BAA, RIF, sub-prime, and prime government work, we provide a comprehensive approach for small, medium, and large program requirements:

Small Programs (SBIR & STTR)

We have experience helping smaller partners with engineering resources and products for smaller SBA funded programs.

Medium Programs (BAA & RIF)

We have experience performing and helping small and medium partners with BAA and RIF programs for R&D and products up to TRL 1 to 6/7.

Large Programs (Prime & Sub-Prime Awards)

We have experience proposing, bidding, winning, developing and deploying large Government & Military programs for the development of products, solutions and technology from concept, deployment, to lifetime program execution.

We bring all available resources to bear for a full program solution, including highly skilled and cleared engineering and program management personnel, robust product suite, high-quality manufacturing for MIL-SPEC products, systems and reliability engineering, system architecture design and analysis, and call center support.

Support

Telephone engineering support is provided 24x7, 365 days a year by an experienced and cleared team. Issues we are prepared to help you with may include installation and/or support, software revision control, upgrades, real-time/online access, and general inquiries for documentation, equipment performance and specifications. Our ESS engineers address issues in a tiered structure, including escalating to our product engineering personnel when required. Additional support includes RMAs, extended warranty and training.

Experience

We are committed to providing the needed solutions to support mission-critical applications. As a result, our products have been widely adopted by the U.S. Government, and are utilized in the majority of the U.S. Department of Defense's tactical terminal programs, including:

U.S. Navy

- Advanced TDMA Interface Processor (ATIP)
- Commercial Broadband Satellite Program (CBSP)
- Naval Oceanographic Office (NAVO)
- BAA 14-007: Ultra-Broadband, Highly Bandwidth Efficient Secure Communications

U.S. Army

- Project Manager (PM) Tactical Network
- CERDEC Working Group for Digital IF Study (Phase 1 and 2)
- Deployable Ku-band Earth Terminals (DKETs)
- AN/TSC-93
- Trojan Spirit

U.S. Government

- Diplomatic Telecommunications Network (DTS-PO)
- National Geospacial Agency Network
- Troop and Contractor Health and Welfare Networks
- Troop and Contactor Distance Learning Network
- Customs and Border Protection

U.S. Air Force

- Ground Multiband Terminal (GMT)

U.S. Marines

- Marine Expeditionary Unit (MEU) Hubs & DKETs

Contact Us

Agencies, governments, and militaries around the globe utilize Comtech EF Data's experience, knowledge, products, and support to provide optimized satellite and data solutions for maximum bandwidth optimization. Contact us – we welcome the opportunity to deliver the reliability, dependability and performance you require for mission-critical communications.

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