

# Wireless Solutions

## Full Life Cycle Services and Support to meet Wireless Infrastructure and Integration Goals

### Turn-Key Communications Solutions

LTI DataComm utilizes a core group of highly qualified network engineers to provide best-in-class support and integration services to our customers. With offerings ranging from pre-sales engineering to installation and integration as well as follow-on training and support, LTI can support turn-key implementations of advanced wireless networks. The Managed Solutions division is organized as a cohesive unit with specializations in Wireless Transport Services, Active & Passive Site Surveys, Tower Site Planning & Construction, Installation and Training Services, and System Optimization.

Headquartered in Sterling, VA with technicians located throughout the continental United States, the Technical Services division offers additional engineering capability in each region of the country. The group is sub-divided by technical competency in the areas of Video, Wireless and Optimization Practice Areas. LTI DataComm engineers are experts in synergistic technical arenas, allowing a fluid cross flow of knowledge and capability between areas of specialization. In addition, the team has experience in the research and development of modified OEM systems to meet specific customer requirements.

### The USAF CITS 2GWLAN Upgrade

LTI DataComm, as a partner and member of the integrated team assembled by prime contractor General Dynamics, was selected to assist with the installation of a Second-Generation Wireless LAN (2GWLAN) solution for the U.S. Air Force Combat Information Transport System (CITS). As part of the General Dynamics team, LTI is helping to deploy a secure, scalable, and easy-to-maintain second generation WLAN which seamlessly integrates within any base, major command (MAJCOM), or Air Force enterprise network.

*"LTI's extensive capabilities and proven past performance in the area of wireless services will allow us to provide significant support to GD in providing the U.S. Air Force with a cutting-edge WLAN solution." said Duane Burpoe, LTI DataComm's Air Force Account Manager. "As a small veteran-owned business it is particularly satisfying for LTI to be acknowledged by a company like GD for our expertise in one of the core competencies of our company. We are extremely proud to be amongst a team of such large and prestigious organizations as have been brought together by GD to fulfill this requirement."*



## Services Overview



LTI DataComm has a **proven track record** of quality service.

With satisfied customers in every branch of the U.S. DoD, LTI has received **excellent ratings** in each contract fulfilled to the Federal Government.

## Services Overview



### LTI's On-Site Engineers

#### Related Wireless Capabilities

- Site surveys and Wireless coverage estimates
- Two-way communications (LMR, PCS)
- Line of site verification & path calculations
- Microwave radio design, installation and optimization
- Tower installations (guyed, self-supporting & monopoles)
- Communication & power extensions
- PCS & Cellular full site builds
- Link alignments & adjustments
- Product & technical training
- Extended service & maintenance

#### A Few Recent Projects

- **Hawaii Air National Guard** – NRO and Eagle Vision Microwave Network
- **29 Palms Marine Core Base** – Microwave & Type-1 Secure Wireless
- **Andrew & Bolling AFB** – General Dynamics 2G WLAN Survey & Installation
- **MCRD Parris Island** – Tower Repair and Antenna Replacement
- **US Navy Dare Bomb Range** – Microwave Tower Install / Link Alignment
- **Eglin AFB** – Voice over Fiber system – 21 buildings
- **Eielson AFB, AK** – Video Content Distribution
- **1AD USA, Germany** – Integrated NIPR/SIPR kits
- **GSA/PBS, Great Lakes Region** – Secure Wireless Survey & Installation
- **Fort Sill, OK** – P25/LMR Trunking Wireless Backhaul Network
- **McEntire ANG** – NRO and Eagle Vision Microwave Network
- **Military Sealift Command** – Network Optimization

*References Available Upon Request*

#### Other Service Offerings

- Classroom and end-user OJT technical training
- RMA processing for each vendor
- Spares inventory
- Advance replacement program
- Certified engineers for each product line
- Continuing maintenance support plans
- Optional on-site technical support

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