



SYSTEMS, INC. ®



WORLD LEADING TELECOMMUNICATION SYSTEMS DESIGN AND INTEGRATION

Video, Voice & Data Networks

The Comtech Difference

- ⦿ Proven Expertise
- ⦿ Customized Solutions
- ⦿ Strong Corporate Partners



Founded in 1967, Comtech is the world leader in digital troposcatter communications, providing modern troposcatter systems for commercial and military applications.

Comtech Systems is a leader in Complex Systems Integration and Design. Comtech Systems supplies turnkey communication systems for fixed, transportable, and mobile applications including VSAT, HF/VHF/UHF, Microwave, Fiber, Beyond Line of Sight, Troposcatter, and IP Networks.



Setting the Standard for Troposcatter Communications:

- ◆ The First 22 MB/S Tactical Digital Troposcatter Terminals
- ◆ U.S. Military Tactical Troposcatter Modernization
- ◆ The Only Troposcatter Links in operation on Offshore Floating Platforms
- ◆ Forward Error Correction, Dynamic Bandwidth Allocation, and Automatic Power Control for Troposcatter Systems
- ◆ Utilization of Angle Diversity Antenna Systems for Modern Tactical Troposcatter
- ◆ Automatic Troposcatter Antenna Alignment

Troposcatter provides extremely reliable, high bandwidth, low latency communications at Beyond Line of Sight distances. The systems are wholly-owned by the user, and do not rely upon any third-party equipment or services. A properly designed troposcatter solution can provide high availability over the complete life of the system, without incurring any ongoing expenses for bandwidth.

To maximize performance, we design the elements of our troposcatter systems, including our Solid State Power Amplifiers and Frequency Converters System, specifically for use in troposcatter applications.

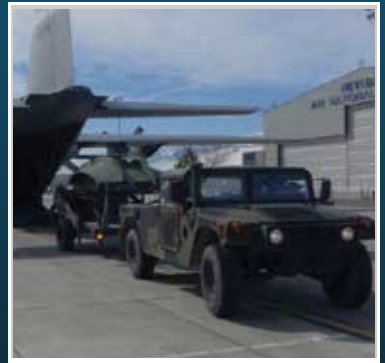


Comtech Systems offers innovative network engineering and design services. Its innovative designs have been integrated into communications systems worldwide, anywhere that assured, reliable communications are required.

Experience Makes the Difference

With a strong global presence, we have deployed systems on six of the seven continents over 30 years.

Drawing from proven experience and historical data Comtech Systems designs and delivers customized, world-class communications solutions.



Our staff of professional engineers contributes their extensive experience in the following technical disciplines:

- ◆ Telecommunication Systems Design & Integration
- ◆ Network Monitor and Control System Design
- ◆ Link Availability Analysis
- ◆ Ruggedized Mechanical Packaging
- ◆ Path Profile and Propagation Analysis and Prediction
- ◆ Reliability and Maintainability Analysis & Design
- ◆ Software/Firmware Design
- ◆ Shelterized System Design
- ◆ Transportable Systems Design
- ◆ IP Network Design
- ◆ Turnkey Systems

Comtech Systems Inc.

A subsidiary of Comtech Telecommunications Corporation, publicly traded on NASDAQ under the symbol CMTL.

System Design & Integration Capability:

- ◆ Troposcatter
- ◆ Point-to-Point Microwave
- ◆ Tactical Systems & Networks
- ◆ Satellite
- ◆ Point-to-Multipoint Microwave
- ◆ Fiber Networks
- ◆ HF/VHF/UHF
- ◆ Mobile Systems
- ◆ IP Networks

Applications:

Air Defense

Provide secure transmission of radar, voice and data over fiber optic, line-of-sight microwave, over-the-horizon microwave & satellite.

Fixed and Floating Off-Shore Platform Communications

Real time voice, video, and data transmission to both fixed and floating offshore production platforms. Provides up to 22 Mb/s in Over-the-Horizon configuration, in addition to traditional VSAT and Microwave solutions for primary or backup communications.

Air-to-Ground Communications

Remote control, air-to-ground and ground-to-air transmission utilizing HF, VHF and UHF.

Tactical Mobile Communications

Rapid field response Troposcatter, LOS and Satellite for transmission of voice and data for both command and mobile centers.

Line-of-Sight (Point-to-Point) Microwave

Capacity from 2 Mb/s to 155Mb/s in frequencies of 2 GHz to 23 GHz.

Troposcatter (Over-the-Horizon Microwave)

Dual and quad diversity systems with up to 22 Mb/s capacity used to transport voice, video, and data reliably. Available in frequencies of 2 GHz, 4.4-5.0 GHz and 7 GHz.

Satellite Communication Systems

Turnkey systems integration employing bandwidth efficient dynamic advanced VSAT technologies for fixed Earth stations, transportable and mobile systems.

Network Design

Plan, implement, and install routed and switched, local and wide-area enterprise networks, incorporating the best LAN/WAN optimization hardware and virtual appliances.

Comtech Corporate Partners:

- ◆ Comtech EF Data Corp.
- ◆ Comtech PST Corp.
- ◆ Hill Engineering
- ◆ Comtech Memotec, Inc.
- ◆ Comtech Xicom Tech., Inc.
- ◆ AHA Products Group
- ◆ Comtech Mobile Datacom Corp.



www.comtechsystems.com

CERTIFICATIONS
ISO 9001:2008

Comtech Systems Inc.
2900 Titan Row, Suite 142
Orlando, FL 32809
P: (407) 854-1950
F: (407) 851-6960
csisales@comtechsystems.com