

Introduction

Comtech Systems, Inc. (CSI) is an Orlando-based subsidiary of Comtech Telecommunications (NASDAQ: CMTL). Founded in 1967 as Comtech Laboratories, CSI has spent over 50 years designing and implementing cutting-edge solutions to the toughest communications challenges worldwide.

Comtech Systems provides systems integration on large scale communications projects and is world-renowned as designers of the premier digital troposcatter systems. In addition to the U.S. military, Comtech Systems' clients include foreign governments and militaries, as well as some of the world's largest energy producers such as Royal Dutch Shell, Petronas and PEMEX.

CSI's President, Richard Burt, sits on the corporate board of directors, and has led Comtech Systems as it has rapidly innovated digital troposcatter technology, leading to a resurgence in the market globally. For more information on the executive team, please see [here](#).

Key Initiatives

Continuous innovation in troposcatter technology has led to Comtech System's introduction of breakthrough products and projects including the world's first troposcatter communications system deployed on a floating offshore platform. A sample of key Comtech Systems products and projects can be found below. For more photos and information on our products, please see [here](#).

The modular design of the Comtech Modular Transportable Transmission System (MTTS) allows end-users to take a building block approach to troposcatter deployment, only utilizing the elements needed for a specific mission objective. The portable transit case design allows for more flexible options than traditional trailer or vehicle based troposcatter systems. The MTTS cases can be carried to the top of a building or over terrain that is inaccessible by vehicles in order to optimize transmission paths, and can be transported inside a helicopter or SUV if required.

Figure 1: Modular Transportable Transmission System



At the heart of Comtech's digital troposcatter systems is our proprietary modem, the CS67500. Advances gained by our R&D department at CSI have allowed for the modem to now employ quad

diversity functionality, full redundancy, multiple FEC rates, and throughputs of up to 50 mbps. With the CS67500 released in 2014, Comtech has further solidified itself as the preeminent supplier of digital troposcatter.

Figure 2: CS67500 Troposcatter Modem



Understanding the increasing demands amongst the U.S. army and international militaries for tactical troposcatter, the introduction of Comtech's Transportable Fast Link Antenna (TFLA) has drastically reduced the amount of manpower, expertise, and time necessary to establish a mobile communications link.

Figure 3: Transportable Fast Link Antenna



The Shell operated Gumusut project marks the world's first commercial troposcatter system to be installed on a floating offshore platform. Key to the success of this project has been auto-stabilized antennas, which have allowed Comtech's proprietary troposcatter to provide maximum reliability while adapting to various environmental conditions encountered at sea.

Figure 4: Gumusut Troposcatter Installation in Malaysia



For more photos and information on our products, please see [here](#).

Media Coverage

Recent Press

- [Comtech Awarded \\$6.5 Million in Contracts for MTTs Deployable Troposcatter Systems and Advanced ISR Downlinks](#)
- [Comtech Receives \\$2.0 Million Contract for MTTs Deployable Troposcatter System from a Leading Supplier to the UAE Armed Forces](#)
- [Comtech's supplies troposcatter to TCS, U.S. Military](#)

For more news, click [here](#).

Financials

Our most recent financial statement: [Corporate 10K: FY 2017](#)

Contact Us

For more information or general inquiry, please contact us at CSISALES@comtechsystems.com or (+1) 407-854-1950.

Thank you!