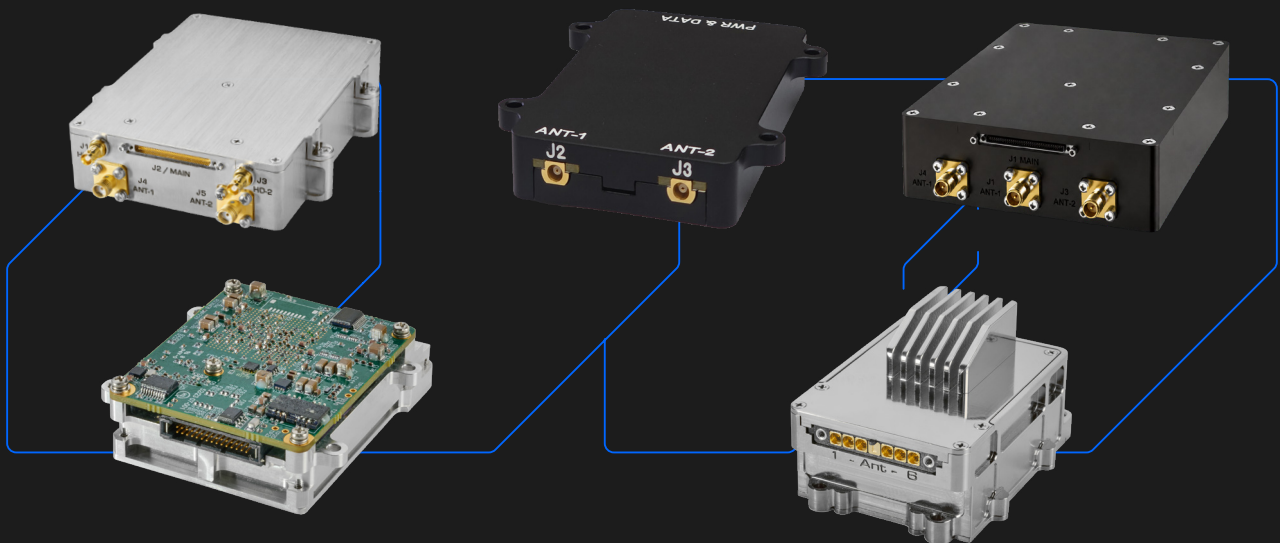


Resilient Operations Across Land, Air, and Sea

Commtact provides state-of-the-art wireless communication solutions designed to meet the challenges of today's most demanding scenarios.

With over 20 years of expertise, our systems ensure secure, robust, and reliable connectivity for mission-critical applications.



Our end-to-end Offering

Comprehensive Communication Solutions

Versatile Topologies: Line of Sight (LOS), Beyond Line of Sight (BLOS), Relay, Point-to-Point (PtP), and multi-platform Smart MESH networks.

BLOS Solution with PAA Satellite Antenna: Extended-range communication via phased array satellite antennas, ensuring seamless connectivity in remote and contested environments.

End-to-End Integration: Seamlessly connecting air, land, and sea platforms with secure, high-bandwidth communication links.

Combat-Proven Technology

- Resilient and secure communication systems designed for harsh and contested environments.
- Proven success across applications in land, aviation, maritime, and precision munition operations.

Advanced SMART MESH Networking

- Enables secure communication between drone swarms and mobile platforms.
- Combines relay and Point-to-Multipoint (PtMP) functionalities to support a robust multi-platform architecture.

Our Expertis

Our dedicated R&D team specializes in:

RF Design: Developing advanced wireless communication solutions.

Algorithm Development: Creating secure modulation and encryption technologies.

Mechanical Engineering: Building ruggedized systems and precision tracking mechanisms.

Digital and Software Innovation: Expertise in DSP, FPGA, and advanced board design.

Why Choose Commtact?

One-Stop Shop: Comprehensive solutions from design to deployment.

Customer-Centric: Tailored systems for seamless integration with existing C4I platforms.

Field-Tested Reliability: Trusted by leading military organizations worldwide.

Anti-Jamming and GPS-Compromised Capabilities: Ensuring resilience in contested and challenging environments.

In-House Modem Development: Providing top-level customization and adaptability to meet specific operational requirements.

Innovative Features

Secure Communication: Integrated frequency hopping, AES-256 encryption, and spread spectrum technologies ensure data protection.

High-Performance RF Systems: Supports UHF, L, C, and S bands with in-house design expertise.

Video Solutions: High-definition, real-time video transmission

Flexible Software-Defined Radios (SDRs): Easily customizable for diverse mission needs.

Advanced Networking Capabilities: Relay, PtMP, and MESH configurations for enhanced operational flexibility.

Ruggedized Design: MIL-STD and IP-67 compliance for durability in extreme environments.



Interested in learning more about our products and solutions?

Contact us for more information: info@commtact.co.il | [Book a Demo](#) | commtact-systems.com

