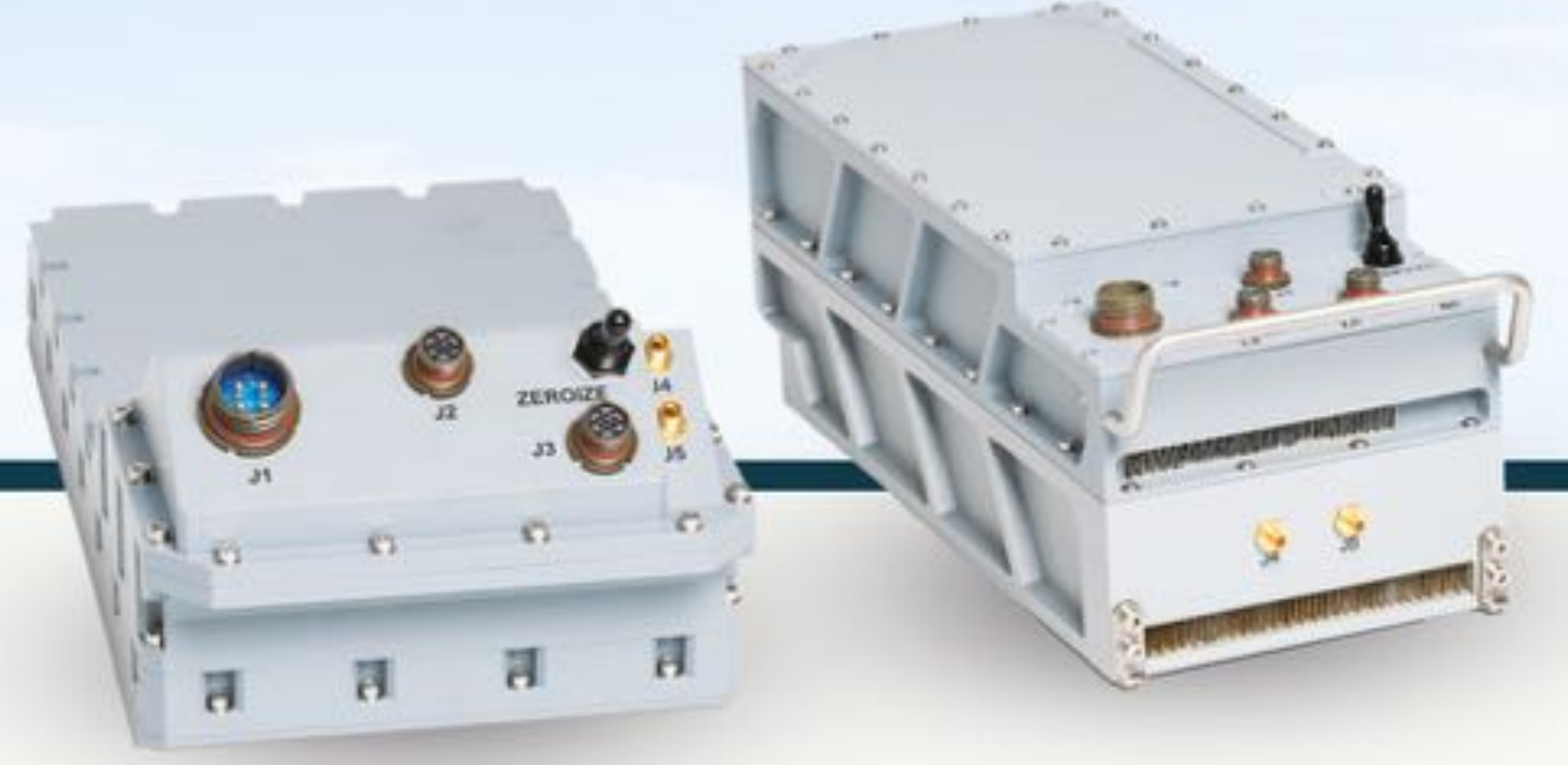




KEMENT TDL



Network Enabled Capability

KEMENT TDL is TDMA-based secure (crypto), jam-resistant, high-speed digital communication system with relay capability that is used for near-real time data transmission in network-supported operations among Command Control (C2) Systems, land, sea and air platforms, ammunition (cruise missiles etc.), weapons and mission systems in the battlefield.

Exclusive Waveform Design and Software/Hardware Crypto Integration

Meteksan Defence has developed various terminals for Air, Sea and Missile Platforms for the requirements of Turkish Armed Forces. KEMENT TDL terminals that can transfer data in near realtime with customized waveform and securely with hardware crypto are designed modular and beyond the physical and performance features of competitive products.

The development of after launch control data link for cruise missiles and being qualified via the flight tests by our company, is a great achievement of NEC - Network Enabled Capability which is owned by several countries in the world.

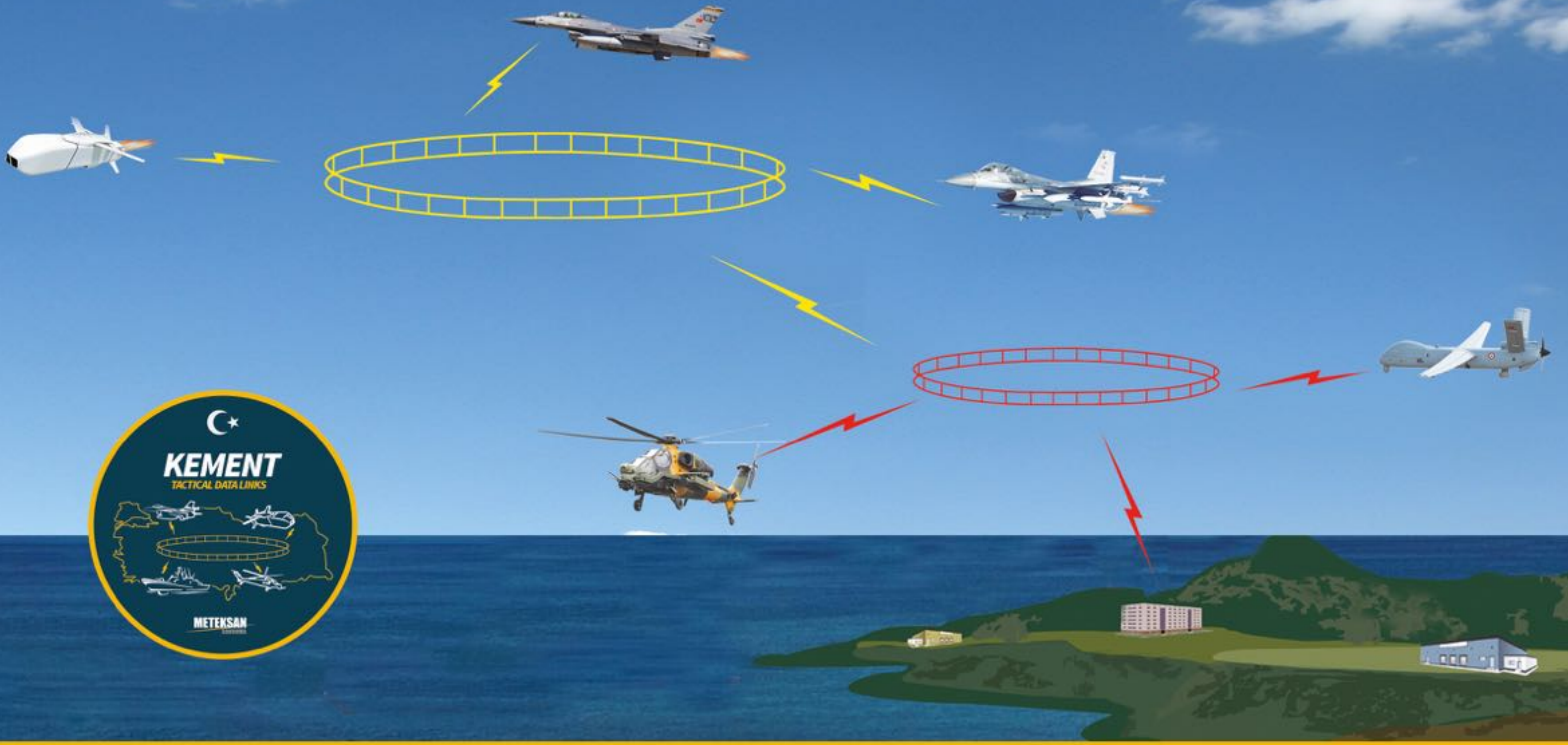


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Software Defined Adaptable Architecture



KEMENT TDL is designed to be modular and adaptable for desired air, sea and land platforms as NEC. Software Defined Radio architectural design can be upgraded for different platform specific operational needs with the integrated or external DLP (Data Link Processor) support.

Meteksan Defence is ready for the hardware/software adaptation and integration on various platforms and has convenient infrastructure for volume production and deployment.

Network Enabled Weapon Control



Situational Awareness



Weapon Status/Location Information



Target Update in Flight / Target Identification



Mission Termination



Loiter



Control Handover



Realtime Video Transfer



Battle Damage Assessment

Key Features

- Network enabled operation support for formation/sharing of common operational picture
- Realtime and secure communication all through the net via national/custom crypto support and Electronic Warfare protection
- NATO STANAG 5516 and 4175 compliant
- Integrated/external DLP support
- Range extension via relay capability
- SWaP (Small volume, weight and Power) design for airborne platforms
- Modular design adaptable for different platforms
- Military Environmental Standards: MIL-STD-810, MIL-STD-461/464, MIL-STD-704

