Delivering push-button access to advanced radar threats

Software-Defined 5th Generation Threat Emulation & Jamming

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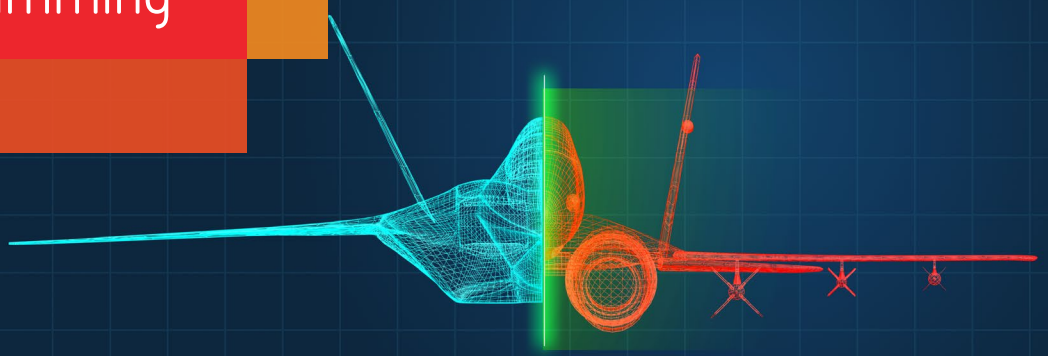


Built for Speed. Tailored for the Mission. Multi-Domain.

The modular, tailorable architecture enables rapid configuration and deployment across domains, giving operators high-fidelity threat effects without the cost or complexity of traditional systems.

Applications

- Airborne or ground
- Red and blue radar threat emulation & jamming
  - Weapons development
  - Tactics and training
  - EW Lab hardware-in-the-Loop

Key features

- User programmable
- 5th generation threat radar waveforms
- Ground/sea/airborne
- Parametric recording for post-mission analysis
- Antennas fixed, pre-programmed or emulated multi target tracking
- Local or remote control of the system

Proven performance

- Ground based - Multiple Government installations
- Airborne - flight clearances on various government airborne platforms
- Sea based – fishing boats, barges and other sea based platforms

Specifications

Size weight and power

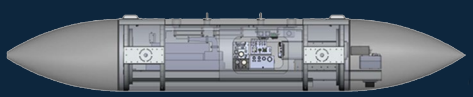
- Space: 40L" X 34W" X 23H" or 18.1 cubic feet
  - Can be reconfigured for 19" diameter AN/ALQ-259 Pod
- Weight: tailorable
- Power: presently configured for 10 amps per leg of 110 VAC 3-phase 400Hz
  - Can be configured to run on 28 VDC only or a combination AC/DC

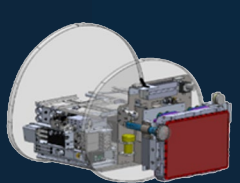
Digital Interfaces

- RS-232, ARINC-429 and 10-Gbps ethernet

Radio frequencies

- 900 MHz -18.0 GHz spectrum coverage
- AESA, broadband twist reflector, parabolic or customer antennas
- Modulation - FMOP, PMOP, ASK, FSK, noise
- High power RF amplifiers
- Multiple target tracking with AESA
- Electronic attack jammer-high power spot, swept, barrage noise





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