The diversity and sophistication of today’s battlefield threats require agile, flexible cyber and electronic warfare (EW) solutions that span missions and evolve at the pace of technology. CACI’s innovative suite of cyber/EW sensors employ software-defined radio technology to meet the range of today’s EW missions, and are agile to quickly adapt to new threats. Our radio-frequency (RF)-based sensor systems are modular and scalable for diverse operations. This transformative suite of sensors enables troops to engage in surveillance and reconnaissance and employ long-range, non-kinetic cyber effects against a host of threats.

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Visit us online for more information about our Cyber Security:

www.caci.com/cyber_security
Software-Defined Radio Sensor Suite Benefits:

- Configurable to meet diverse mission requirements
- Easily and cost-efficiently integrates new capabilities to help customers stay ahead of evolving threats
- Modular and scalable for enhanced flexibility at reduced cost and with low footprint
- Industry-standards-based architecture enables networking to existing command and control, security, and other systems for ease of use
- Defrays cost- and time-intensive repurposing of outdated hardware
- Single sensor hosts both passive detection and active EW capabilities
- Enables long-range, non-kinetic electronic attack against a range of threats
- Sensors networked to one another for advanced threat detection and mitigation capabilities

Software-Defined Capability

CACI’s software-defined sensor systems are configurable to employ passive detection and active fire capabilities utilizing cyber-over-RF effects to defeat adversarial surveillance and reconnaissance, cellular, WiFi, and command and control (C2) systems, as well as unmanned aircraft systems (UAS). Our systems adapt to meet shifting and evolving mission requirements through software reconfigurations that avoid the cost- and time-intensive demands of repurposing hardware.

All of our sensor systems are modular and scalable to enable protection of geographically compact and wide areas depending on mission needs. The sensors can be networked together to cost-efficiently accomplish effects that otherwise demand larger, higher cost hardware. Our cyber/EW solutions may also be networked to existing C2 and security systems such as base sensors and video cameras for ease of use.

CORIAN Counter-UAS System

CORIAN is a configuration of CACI’s SkyTracker™ UAS tracking solution tailored to meet the U.S. Army’s evolving OCONUS mission needs. This system detects, identifies, tracks, and mitigates UAS by exploiting their radio signals. The system not only exploits UAS but also locates their ground operators. CORIAN is configured for the Army to host multiple EW capabilities to non-kinetically defeat UAS at long range. This software-defined system enables rapid integration of capabilities against new and evolving targets.

Raptor Soldier-Wearable Situational Awareness/EW Capability

CACI’s Raptor is a software-defined radio, electronic attack capability in the form of a soldier-wearable sensor that equips dismounted Army and Marine infantry squads with surveillance and reconnaissance and EW capabilities against adversary communications, C2, and unmanned systems. Multiple, distributed Raptors are networked to form a cluster that autonomously reconfigures into passive detection arrays to enable real-time situational awareness and active fire arrays that deliver sophisticated, non-kinetic electronic attack.