

Maritime Counter-Unmanned Systems Solutions (C-UxS)



**EFFECTIVELY COUNTER SURFACE
AND AIRBORNE UNMANNED THREATS**

CACI's experts have developed maritime counter-unmanned systems (C-UxS) solutions that detect, identify, geolocate, track, and mitigate the most sophisticated modern air and surface unmanned threats and associated communication devices. Our maritime solutions are built around three primary interoperable C-UxS products which can be used against a wide range of systems to provide attack options against Department of Defense (DoD) Group 1-5 unmanned aircraft system (UAS) threats.

CACI's Falcon is a strategic program of record – currently integrated with shipboard combat systems that help target some of the most difficult UxS threats. CORIAN is our fixed-site capability delivering force protection for many maritime ports and facilities of interest. And our mono-backpackable electronic attack module (M-BEAM) is our modular, low size, weight, and power (SWaP) advanced electronic attack system capable of defeating complex small unmanned aircraft systems (sUAS) and other targets in a coordinated fashion. M-BEAM surveys the environment to enable the operator to counter adversary sUAS, range extenders, cellular communications, push-to-talk radios, data links, Wi-Fi, Mode-S/ADS-B, Bluetooth, and digital or analog video signals. Our adaptable, modular, and interoperable maritime C-UxS capabilities are enhanced by our large, growing signals threat library and open systems architecture to ensure maximum configurability to accommodate new capabilities.

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EXPERTISE AND TECHNOLOGY FOR NATIONAL SECURITY

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CACI
EVER VIGILANT

Features

- Identification and geolocation of a range of maritime unmanned threats
- Locates and detects UxS and their operators
- Multiple, integrated mitigation capabilities for peer and near-peer threats
- Modular and scalable for geographically compact or wide area defense
- Rapid integration of new capabilities to target evolving threats
- Open system architecture, capable of integrating into existing and future command and control systems
- Long- and short-range, non-kinetic, non-attributable electronic attack and defense against large and growing library of threats and protocols
- Dynamic threat library expands in real time to safeguard against emerging threats
- Autonomous mitigation capabilities support rapid threat detection and disruption

Benefits

- Proven performance geolocating unmanned maritime threats to personnel, units, and facilities
- C-UAS solutions engineered to provide secure resilient connections to ship-board combat systems, radars, tip and queue systems
- Capabilities designed to reduce marinization and sustainment costs and enable streamlined training via intuitive graphical user interfaces (GUIs)

This material consists of CACI International Inc general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms Regulations (ITAR), Part 120.10, or Export Administration Regulations (EAR), Part 734.7-10. (PRR ID669)

CACI's Maritime C-UxS Form Factors



BEAM's mounted or dismounted advanced electronic attack system can defeat small, complex UxS effectively. BEAM is the smallest man-packable advanced electronic attack system with the longest range currently available on the market. The system surveys the environment to enable deployed units to counter UAS and digital or analog video signals. It can operate autonomously to deliver distributed attacks – providing a rapid, responsive force protection capability for hostile environments.



CACI's CORIAN-FS (fixed-site) system provides fixed facility protection against unmanned threats to warfighters and critical infrastructure. CORIAN detects, identifies, tracks, and mitigates UAS threats using precision neutralization techniques to ensure little to no collateral damage to the surrounding radio frequency (RF) spectrum and existing communications.



Our Falcon systems are the cornerstone of CACI maritime C-UxS solutions that address classified signal sets for our mission partners. Each partner has a Falcon that addresses specific requirements but shares a common baseline and architecture across platforms.



Mobile, Mounted, Modular, and Versatile Technology

CACI's maritime C-UxS solutions are fully interoperable, capable of delivering remote attacks and providing rapid, responsive force protection capability in hostile environments. Our systems are also integrated with multiple command and control solutions for shared situational awareness that support the full spectrum of distributed maritime operations.



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CACI's approximately 22,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 1000 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

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