



Fixed Site C-UAS



CACI is an industry leader in developing, deploying, and integrating sophisticated counter-small uncrewed aircraft systems (C-sUAS) capabilities through its SkyTracker® Technology Suite. CORIAN® is a fixed-site system capable of detection, identification, and interdiction of s-UAS (groups 1 and 2) threats to infrastructure and personnel. The system can locate both the sUAS and its ground operator, and the sensor configuration uses multiple precision mitigation techniques that allow for non-kinetic and non-attributable sUAS mitigation. CORIAN is also software-defined, which allows for rapid integration of new C-sUAS capabilities to help stay ahead of constantly evolving threats.

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For more information about our SkyTracker Technology Suite, visit:

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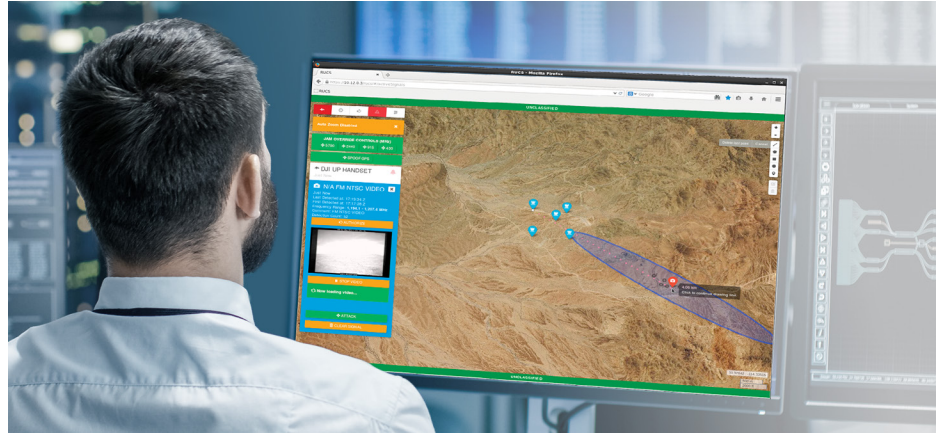
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EXPERTISE AND TECHNOLOGY FOR NATIONAL SECURITY

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CORIAN features and benefits:

- Identification and geolocation of sUAS threats to infrastructure and personnel
- Locates sUAS and their ground operators
- Multiple, integrated mitigation capabilities
- Enables non-kinetic, non-attributable electronic attack and defense against a multitude of threats
- Modular and scalable for geographically compact or wide-area defense
- 24/7, all-weather, automated threat detection
- Software-defined solution enables rapid integration of new capabilities to enhance effectiveness against evolving threats
- Capable of integrating into existing command and control or security systems
- Low footprint, minimal manning, and easy to use
- Proven: DoD Test Readiness Level 9 and currently deployed CONUS and OCONUS



CORIAN's multiple mitigation techniques enable non-kinetic responses to a wide variety of sUAS.

Detect, identify, and mitigate sUAS threats

CORIAN utilizes a sensor array to detect, identify, and mitigate sUAS by exploiting their radio signals, and has the unique capability to identify and locate both sUAS and their ground operators.

The sensors detect and identify fixed-wing and multi-rotor air vehicles, as well as their associated handheld controllers, by exploiting the radio frequency (RF) communications between the sUAS and its controller. Geolocation of the sUAS and controller is accomplished by utilizing signal time difference of arrival (TDOA) at multiple sensors to precisely locate units.

CORIAN uses a field-proven, software-based architecture for signals processing. Specific, positive identification of sUAS is achieved by comparing emitted signals to an unclassified library of known signals, enabling unambiguous threat detection. New signals can be rapidly added to the library. Sensors can be networked to existing command and control (C2) and security systems, and CORIAN employs an intuitive, web-based automated system interface for ease of use. Furthermore, CORIAN has demonstrated interoperability with existing U.S. Government sensors to provide a system-of-systems approach to counter sUAS threats.

CORIAN's integrated precision mitigation utilizes multiple sophisticated techniques to precisely, non-kinetically mitigate a wide variety of sUAS at long range. Because CORIAN is software-based, its mitigation capabilities can rapidly expand.

SkyTracker is a registered trademark, and CORIAN is a registered trademark of CACI International Inc

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for National Security

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