CRFS
a Motorola Solutions Company

EXTRAORDINARY
RF TECHNOLOGY

EW PAYLOADS FOR UNMANNED SYSTEMS

Give any UxS SIGINT capability. Quickly.

- Support cross-domain operations
- Modernize EMSO capabilities
- Integrate RF sensor feeds
- Reduce comms backhaul with edge processing
- Ensure spectrum superiority and supremacy

Book a call back

Unmanned systems sensor integration for armed force modernization within months, not years.

TRL-9 technology already integrated, in-service, in-combat, or in-development

RFeye technology provides critical RF intelligence to C2 and across tactical units operating in conflict zones.

Interoperable, multi-mission, and multi-operator

We support complex, contested battlefronts as well as non-contested ISR missions at pace and at scale.

Distributed sensor networks for RF sensing and monitoring, I/Q capture, and precise geolocation:

- c-UAS & Air Defense
- ISR in complex environments
- SIGINT / COMINT
- Grey zone operations
- Maritime domain awareness
- Electronic Support Measures


Tekever AR3


Tekever AR5


Tekever AR3 Evo


Schiebel Camcopter 100


Rheinmetall Mission Master


Kraken K3 Scout

From concept to deployed capability

1. Discuss a platform, capability, or program
2. Assess feasibility, budget, and timeline, and conduct a platform and RF survey to determine scope of work
3. Rapid prototyping, viable product and acceptance testing (<12 weeks)

"CRFS provides a mature, integrated capability for sensing and decision-support. It is straightforward to incorporate into existing systems, highly adaptable, and the CRFS team consistently helps us meet evolving customer requirements."
TEKEVER

"CRFS' RFeye Node 100-18 lightweight sensor is now fully integrated and validated on the Camcopter S-100, providing enhanced ISR and EMSO capabilities for maritime and multi-domain missions."
SCHIEBEL

"CRFS' RFeye technology is our selected solution for supporting unmanned c-UAS operations and platforms such as SkyNex and SkySpotter."
RHEINMETALL

"CRFS' technology has been straightforward to integrate and co-engineer into our USV platform, supporting EMCON, ISR, and RTSO across contested and non-contested environments."
KRAKEN

RFEYE 100-18 LW

High performance lightweight EW payload (<2kg) for small to medium UAVs.

RFEYE NODE PLUS 100-18

Superfast 18GHz sensor. High Full 100 IBW capture, record and stream.

RFEYE NODE 100-40

Wideband RFeye Node 100-40 sensor for (9kHz–40GHz).

Modernizing EMSO with SIGINT payloads

Signals intelligence

CRFS provides sub-systems for defense companies and system integrators needing to give unmanned platforms RF sensing and geolocation capabilities.

Faster decision making

CRFS technology allows operators to make faster decisions through edge processing, AI enabled signal detection, and advanced signals analysis.

Resilient sensor networks

CRFS technology is used to build resilient multi-domain sensor networks that accelerate decision making and the Sensor-to-Shooter cycle.

Software-defined defence

CRFS' monthly security update patches, including all security and vulnerability fixes from upstream providers, making your system secure by design.

Modernizing EMSO

CRFS hardware works up to 40GHz, and the software is in constant development to provide operators with better intelligence and simple user interfaces.

RFeye technology delivers SIGINT capabilities for NATO partners conducting operations across the land, air, and maritime domains.