

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.

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)

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



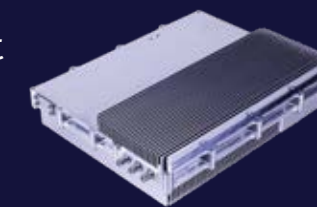
Kraken K3 Scout

“The groundbreaking partnership between TEKEVER and CRFS is a testament to the power of collaboration. It’s a game-changer, offering end-users an incredibly versatile asset that can cover vast land and sea areas. The possibilities are limitless, from maritime surveillance, search and rescue, border monitoring, to military ISR, and even regulatory spectrum monitoring.

Tiago Nunes, Product Director at TEKEVER

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.