CRFS
a Motorola Solutions Company

EXTRAORDINARY
RF TECHNOLOGY

RF SENSING FOR INTEGRATED AIR & MISSILE DEFENSE (IAMD) SYSTEMS

c-UAS | VSHORAD | SHORAD | MRAD

Layered, modular air defense

- Operate in a saturated EMOE
- Function in GNSS-denied environments
- Customizable signal detectors
- Non-library-based detection
- Radar augmentation
- Interoperable with C2 software
- Proven TRL-9 in real-world deployments

Book a meeting

Providing modular air defense systems with early warning capability

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

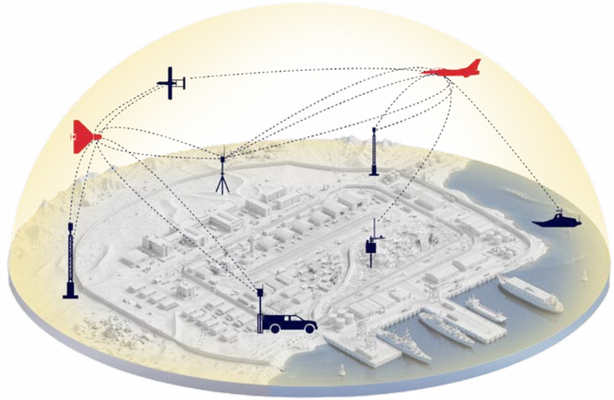
RFeye technology is already providing critical RF intelligence to NATO air defenders and across tactical units operating in conflict zones.

Modern air defense depends on detecting threats as early as possible, without revealing your own position. Passive RF sensors deliver that capability. Operating silently, they detect and geolocate hostile emitters in real time, allowing air defenders to maintain EMCON, gain valuable decision time, and cue other sensors or weapon systems for precise targeting.

- Persistent monitoring
- Electronic Support Measures
- Distributed sensor networks
- 'Mix,' 'Mass,' 'Modularity'
- EMCON
- Layered air defense

TRL-9 technology to fill a critical gap in the 'Find, Fix, Track, Target, Engage, Assess (F2T2EA)' process.

Distributed sensor network offers protection of critical infrastructure up to 20km

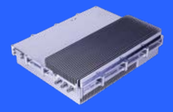


Discuss an integration into an air defense system

1. Discuss a modular integration into a layered air defense system
2. Discuss system architecture, data flows, and the optimal number of sensors for the air defense system
3. Establish a pilot project, conduct field testing, and deploy hardware

RFEYE 100-18 LW

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

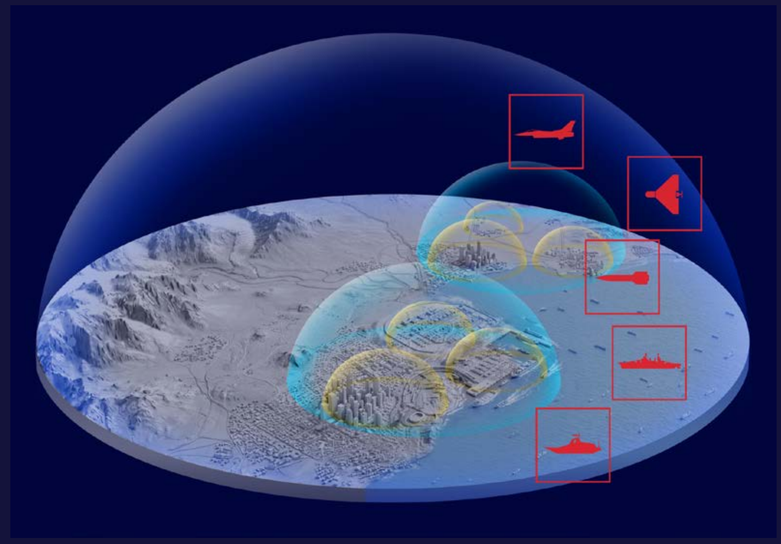


RFEYE NODE PLUS 100-18

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

RFEYE NODE 100-40

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



Protect against threats from fixed wing aircraft, combat helicopters, PGMs, and UAVs

National REMP 1000+km

- Gain the Recognized Electromagnetic Picture (REMP) for early warning and platform intent.
- National spectrum awareness reduces uncertainty, protects survivability, improves classification, and shortens the path from sensing to decision.