

DEFENSE TECH

HERADO

DEFENSE



ALMAR+ SENTINIEL: SHIELDING THE MODERN BATTLEFIELD
Next-Cen Radiological Reconnaissance & Command Integration






Athens | Delaware | San Francisco
www.herado.eu



Real-Time Radiation Intelligence for Mission Success

THE HERADO ADVANTAGE:
Detecting in a Modern Battlefield.

THE HERADO ADVANTAGE: (e.g, Geiger Counter)

HERADO Defense (Innovative Detectors)	Legacy Tech (e.g. Geiger Counter)
Radiation Separation & Types Detected	
5 X-ray, Gamma, Neutrons, Electrons, Heavy Ions Measures and separates	1 type. Cannot separate ✗
Detection & Accuracy	
 Very High Accuracy. Very low detectable limit. Without Dose Saturation.	Low Accuracy, High Detectable Limit ✗
Physical Profile	
Very low weight (approx. 25 gr). Energy efficient. Water- & EM-Proof	Bulky, Heavy, Stationary ✗
Data Feed	
 Real-time (24/7) IoT. Instant measurements and data streaming, AI Analytics	
Compliance & R&D	
Fully compliant with ICRU 95, NATO STANAG, WHO, ICRP. Co-investigator with NASA and DLR	   

HERADO DEFENSE delivers the essential upgrade: the world's only dual-use, multi-radiation, real-time protection and intelligence system.

HERADO is engineered to replace inaccurate technology and provide the decisive, verifiable data required by modern defense standards.

HERADO's core patented technology, built on space-grade R&D (**NASA Artemis-1 Flight-Tested**), provides essential capabilities unmatched by legacy systems.

IMPACT: Data-Centric Protection

HERADO replaces inaccurate, legacy technology with verified, real-time, AI-driven data. It guarantees mission success, drastically reduces personnel exposure, and **ensures full compliance with NATO STANAG.**

CRITICAL APPLICATIONS

UNMANNED SYSTEMS (UAVs, UUGs, UUVs)



Universal Integration: Seamless fit (25g) for all Air, Ground, & Sea Drones.
Zero-Risk Recon: Delivers precision WMD maps & actionable intelligence.

HOMELAND SECURITY & CBRN DEFENSE



Instant Threat Discrimination: Unique separation capability eliminates false alarms.
Border Security: Critical protection against illicit nuclear materials.

SPACE & SATELLITE RESILIENCE



Asset Longevity: Cost-effectively hardens satellites and boosts electronic resilience.
Enhanced Flight Safety: Guarantees crew protection during high-altitude operations.

MARITIME SECURITY & SUBMARINE DETECTION



Nuclear Tracking: High-accuracy detection identifies and tracks nuclear vessels (submarines) and cargo.
Naval Intelligence: UUV-deployed for critical real-time water monitoring.

HERADO radically reduced personnel radiation exposure
HERADO Defense. The Future of radiation Protection is NOW