



Aries Defense: Integrated Force Protection & Persistent Surveillance

Aries Defense enables commanders with greater visibility, faster recognition, and decisive action by delivering persistent, AI-enabled surveillance and a unified operational picture from the tactical edge to command. Access to Full Motion Video (FMV), Electrooptical (EO) and Infrared (IR) data from sea, air and land-based sensors delivers greater situational awareness from the edge to Command and Control. Aries Defense reduces manpower requirements while increasing coverage, detection range, and decision advantage across embassy operations, forward operating bases, airfields, maritime environments, and maneuvering units.

Force Protection (Embassy, Base, Forward Operating Base)

Bring 360° persistent perimeter awareness across embassies, bases, and forward environments without increasing manpower. Detect and track threats early while using automated alerts to reduce operator burden and maintain continuous, reliable coverage in all conditions.

- Establish 360° persistent perimeter awareness without increasing personnel
- Detect, identify, and track threats before they reach critical zones
- Enable automated alerting and silent notifications to reduce operator fatigue
- Maintain continuous security coverage in dynamic and low-visibility environments

Airborne & Aerial Security (UAS-Enabled)

Extend surveillance beyond line-of-sight using unmanned aerial systems, delivering real-time video and sensor data directly into tactical networks. Enable rapid deployment of airborne ISR with immediate, actionable intelligence.

- Extend surveillance beyond terrain and line-of-sight using unmanned aerial systems
- Deliver real-time video and sensor data directly into tactical and command networks
- Enable rapid deployment of airborne ISR without complex infrastructure

Airfield & Critical Infrastructure Security

Establish wide-area perimeter monitoring for airfields and critical infrastructure with a minimal footprint, detecting incursions across key zones. Integrate airborne, ground, and fixed sensors into a unified view for comprehensive coverage and coordinated response.

- Provide wide-area perimeter monitoring with minimal footprint
- Detect incursions across runways, approach paths, and restricted zones
- Integrate airborne, ground, and fixed sensors into a single operational view

Maritime & Littoral Operations (USV/Shoreline)

Deliver persistent surveillance across coastal and littoral environments, tracking vessels and personnel from shoreline to inland positions. It creates a continuous, connected operational view that extends maritime awareness to command centers.

- Detect and identify threats at distance using thermal and visual sensors
- Turn stand-off range into decision advantage before engagement
- Support disembodied teams and fixed positions with long-range overwatch

Stand-Off Surveillance (100-1000m+)

Enable earlier assessment and response via long-range threat detection using integrated thermal and visual sensors. Provide reliable overwatch for both mobile and fixed units in complex environments.

- Detect and identify threats at distance using thermal and visual sensors
- Turn stand-off range into decision advantage before engagement
- Support disembodied teams and fixed positions with long-range overwatch

Detection, Detention & Alerting

Automate detection and classification using AI, reducing manual monitoring and accelerating response times. Deliver immediate alerts and targeting cues across forces, improving coordination and enabling faster, more effective threat response.

- Automate detection and classification with AI-enabled recognition
- Trigger immediate alerts and targeting cues across distributed forces
- Reduce reliance on manual monitoring while improving response time



Contact Us

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