White Owl

Launch Detection System – Situational Awareness Solution

"White Owl" is a cutting edge launch detection system that provides tactical real-time intelligence for ground forces, improves lethality and survivability in combat.

Launch Detection Capability is a critical layer for situational awareness within the decision-making ecosystem.

The system is based on passive electro-optical (EO) sensors using advanced algorithms and rapidly geolocates the launching position/coordinates.

Elbit Systems™

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Operational Value in the Battlefield

- Dramatically increases tactical situational awareness and reduces response time on the battlefield
- Real time detection and geolocation of launched weaponry such as Mortars, ATGM, Rockets and more.
- Day and night operation
- High Probability of Detection (PD)
- Low False Alarm Rate (FAR)
- Multiple threats capability
- Fast response time
- Full Operational Profile (Static\Dynamic)
- Passive electro-optical (EO) system

Key Features

- Low SWaP configuration of the legacy airborne PAWS™ family of Missile Warning System
- TRL9 – Serial Production
- Suitable for drones
- Built in capability for collaboration with third party C4I systems and communication
- Low cost of ownership and Life Cycle Cost (LCC)
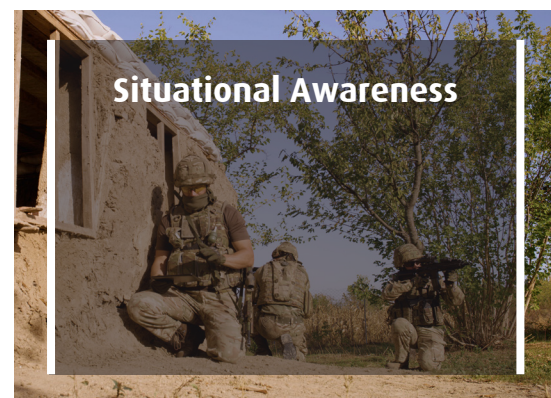- Easy to operate system
- Versatile solution
- Upgradable

Physical Specifications

- Dimensions: 12x12x8 cm
- Weight: 0.66 kg
- Power: 12VDC (24VDC optional) 15 Watt
- Comm. Interface: Ethernet

Real time Detection

IR Image

VIS Image

Threat Location

Situational Awareness

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