

## LEDS-50 MK3 MULTI-FUNCTION WARNING SYSTEM (MFWS)

Land Electronic Defence System (LEDS) 50 MK3 is an integrated, modular, Active Protection System, providing warning against threats associated with anti-armour through Infrared Based Detection.

The solution provides combat personnel with vital situational awareness and can be integrated with other optional Sensor Suites and / or Effector Control Systems for Survivability Enhancement.



### FEATURES

The features of MFWS include the following:

- Infra Red Detection of anti-armour threats
- Provides Situational Awareness
- Provides Over-watch capability (Movement of airborne platform, e.g. UAV or Attack Helicopter)
- 360° azimuth coverage and high elevation coverage
- Fusion with Situational Awareness System sensors (image fusion)
- Stand-alone or integrated mode of operation
- Built-in test capability
- Software upgradeable threat tracking function
- All components are ITAR free

### INTERFACES

The MFWS offers the following interfaces:

- Ethernet interface to external world (e.g. BMS)
- GigE Vision 2.0 interface to sensors
- Open systems architecture for Controller Application and Sensor Devices
- Mil Std - 1275D Power Management

### SPECIFICATIONS

The MFWS Specifications are:

- Wavelength Coverage: Infra-Red
- Response Time: < 100ms for declaration
- Threat Coverage: ATGM, Small, Medium and Large calibre, Rockets, moving airborne platforms
- Threat Classification
- Low False Alarm Rate

### APPLICATIONS

The Solutions can be used on various platforms:

- Wheeled and Tracked platforms.
- Amphibious landing craft.
- Fast patrol craft – SF Operations.