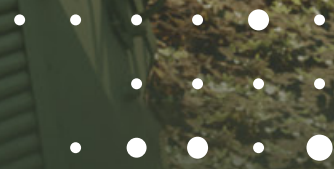




M352

Situational Awareness and Target Acquisition for Ground Combat Vehicles
ELI-3312



M3S2

Situational Awareness and Target Acquisition for Ground Combat Vehicles ELI-3312

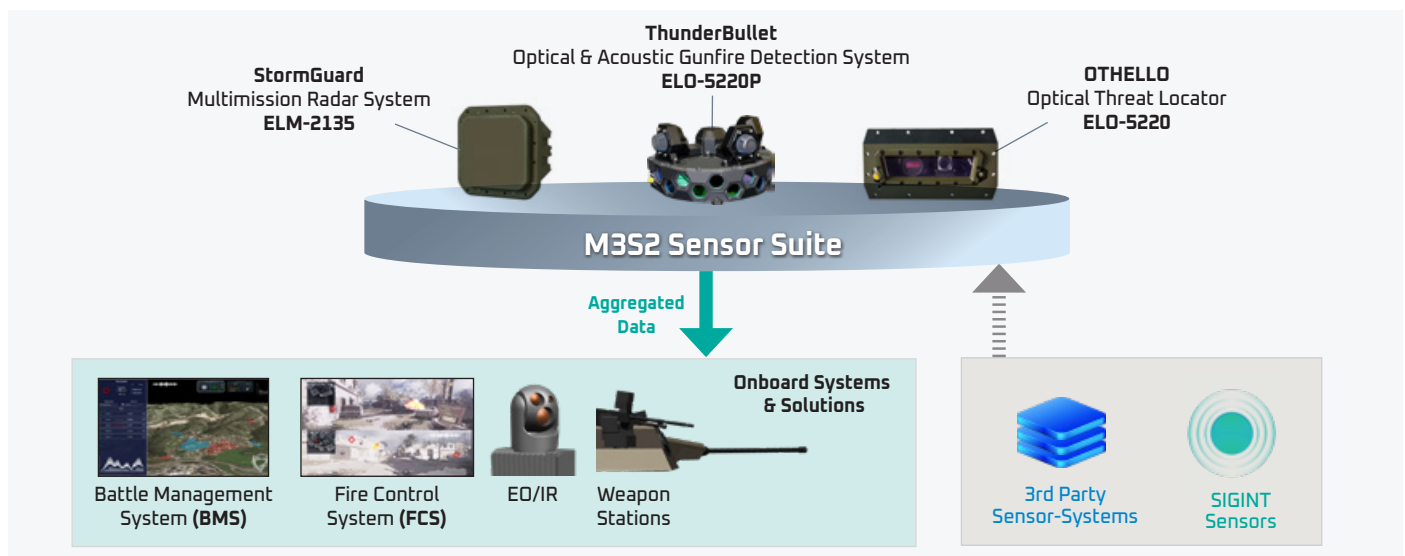
Multi-Mission Multi Sensor Suite (M3S2) – ELI-3312 comprises passive and active sensors integrated on Ground Combat Vehicles. The integrated solution detects, tracks, classifies, prioritizes and assists in mitigating low signature and high lethality threats, such as drones, UAVs, loitering munitions, RPGs, ATGMs and gunfire. It can also monitor moving persons and ground vehicles. The integrated sensor data is aggregated using advanced algorithms, ensuring that verified target information and situational awareness data are provided to the system operator for immediate decision-making. The suite interfaces with the onboard EO/IR, Battle Management System (BMS), Fire Control System (FCS) and weapon systems. The system increases the survivability and lethality of the vehicle by rapidly cueing the electro-optics and weapon systems to the threat, thereby instantly closing the sensor-to-shooter loop. This gives the commander the ability to either seek shelter or enhance their strategic position in the swiftest manner.

The suite can operate effectively while on-the-move or in a stationary position, and supports the following capabilities:

- Aerial & Ground Tactical Situational Awareness
- C-UAS
- Target Acquisition
- Target Cueing to Remote Weapon Stations and Turret
- Force Protection

The deployment of M3S2 provides the most seamless, quickest, and cost-effective method for integrating the sensor suite, compared to individually integrating each sensor with the onboard systems. ELTA offers a variety of supporting sensors and effectors (i.e. COMINT, ELINT, jammer) that can be seamlessly integrated, allowing for future expansion as needed.

M3S2 can include the following ELTA key sensors:



M3S2 offers the flexibility to determine the number of sensors depending on mission criteria. Furthermore, the suite can support third party sensor-systems.

KEY FEATURES

- Early Detection, Tracking & Classification of low signature & short lifecycle targets
- High-Resolution and accuracy
- Easy and seamless integration into the platform’s mission suite
- All-weather operation
- Compact SWaP

