

MAY

Wide-Area Situation Awareness Solution



Overview

"May" is a cutting-edge smart sensing system, that provides a wide-area, acoustic-based, situational awareness ability for armed forces personnel.

"May" is based on specially designed sensors working interactively within the area of interest. It continuously senses the emanating sounds of its surroundings and provides real-time intelligence using advanced algorithms and capabilities.

Within seconds, the system will detect, define and geo-locate important events, automatically providing critical information to the commanders and soldiers on the battlefield.

"May" creates real-time, actionable-intelligence, helping armed forces improve their effectivity and survivability.



Elbit Systems™

ISTAR & EW - Elisra

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Highlights

- Detect, define and geo-locate acoustic events (gunfire, mortars, RPG) within seconds
- Autonomous, no man-in-the-loop, real-time operation
- Dramatically reduces response time for real-time events
- Lightweight, durable and easy to operate
- Collaborates with customers third-party C4I systems

Key Features

- Geo-location of gunfire, mortars and RPG
- Acoustic events detection and classification including:
 - Voice commands
 - Drones / UAS
 - Anomalies
 - Customer customizable
- Multi-sensor collaboration - no single point of failure (SPOF)
- Real-time adaptive intelligence

Advantages

- No line-of-sight (LOS) is needed
- Operates in echo and urban scenarios
- Low false alarm rate
- Durable and portable design

Applications

- All Armed Forces
 - Combat personnel / vehicles
 - Drones / UAS
 - Patrol units
 - Commandos
- Personal security
- VIP convoys

