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.

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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

Advantages

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

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

Applications

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

Elbit Systems EW and SIGINT - Elisra Ltd.
29 Hamerkava St., Holon, Israel
www.elbitsystems.com/elisra
sales@solocate.com

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