



EZ-GUARD

Exclusive Economic Zone (EEZ)
Modular Protection Solution
ELI-5500





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The necessity of coastal states to exercise jurisdiction over their Exclusive Economic Zone (EEZ) presents a major challenge today. Persistent monitoring is required to detect and prevent suspicious, illegal or hostile activities ranging from illegal fishing, immigration, contraband, piracy, and terrorism. The EZ-GUARD (ELI-5500) is a modular surveillance system which integrates a wide range of advanced sensors and information sources from ELTA and IAI providing full coverage of the EEZ (covers 200Nm) and beyond.

Utilizing advanced multi-level decision-support capabilities, the EZ-GUARD provides a real-time Maritime Situational Picture (MSP) of the theater and prioritizes recommendations for handling monitored events. This is achieved by fusing all the data derived from the available sensors, cooperative sources of information (AIS, LRIT) and Open Source information sources, and converts them into a coherent single MSP based on the required mission.

OPERATIONAL CAPABILITIES

- Persistent EEZ Situation Awareness Picture
- Surveillance Missions Management Support
- Target Classification – Friendly, Bystander, Hostile, Illegal
- Supports Law Enforcement Missions

IAI ELTA PRODUCTS & PLATFORMS

The following products and platforms that can be integrated into the EZ Guard solution:

Product Number	Type	Product Name
ELM-2112	Radar	Persistent Ground & Coastal Surveillance Radar Family
ELM-2270	Radar	Long Range - Over-The-Horizon (OTH) HF Radar
ELM-2022ML	Radar	Lightweight Airborne Maritime Surveillance X-band Radar suitable for UAV and other lightweight aircraft
ELK-7065 & 7071	COMINT	COMINT and Direction Finding (DF) Systems Family
ELL-8385	ESM/ELINT	Advanced Naval ESM/ELINT System
POP Family	EO/IR	Modular, compact gyro stabilized day / night observation, surveillance and targeting system
Cooperative Information sources	Maritime reporting systems	AIS, VMS, Satellite AIS & LRIT
ELS-8200	Command and Management Centers	HORIZON - Net-Centric Intelligence & Surveillance C4I Systems

Platform Number	Product Name
ELI-3360	Maritime Patrol Aircraft (MPA)
Heron – I	Maritime Patrol UAV

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