

# HIZIR

Torpedo Countermeasure System for Surface Ships





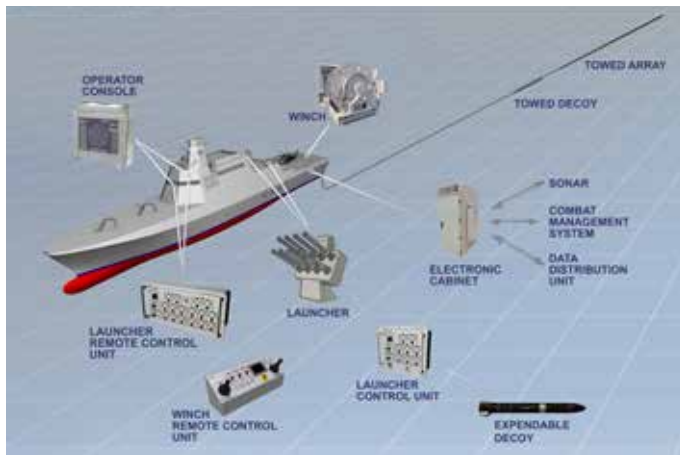
# HIZIR

## Torpedo Countermeasure System for Surface Ships

### State-of-the-Art Countermeasure System for Modern Torpedo Attacks

- Early detection
- Accurate classification
- Effective countermeasure
- Critical reaction time
- Left/right ambiguity resolution

**HIZIR**, ASELSAN's Torpedo Countermeasure System for surface combatants, localizes threat torpedo and advises the appropriate countermeasure tactics utilising its State-of-the-Art torpedo detection array. In addition to full automatic mode, system detects and chooses the optimum countermeasure tactic from its database and waits for user approval to initiate the operation.



### System Configuration:

- Torpedo Detection Array
- Towed Decoy
- Tow Cable
- Winch
- Winch Remote Control Unit
- Signal Processing Unit
- User Control Panel
- Launcher
- Launcher Remote Control Unit
- Expendable Decoys

### Capabilities

#### Detection, Localization, Classification

- Detection of treat torpedo at a long range
- Precise threat detection
- Classification by the support of the threat database

#### Decision Support

- Operator consoles (CIC/BIS)
- User defined countermeasure techniques
- Combat Management System interface
- Sonar system interface

#### Countermeasure Application

- Wide/narrow bandwidth
- Programmable Expendable Decoys / Jammers
- Programmable Towed Acoustic Decoy

#### Technical Capabilities

- Open Architecture for tailoring
- Defense capability against simultaneous multi torpedo attacks
- Six different target tracking capability\*

\*Minimum system feature available to upgrade