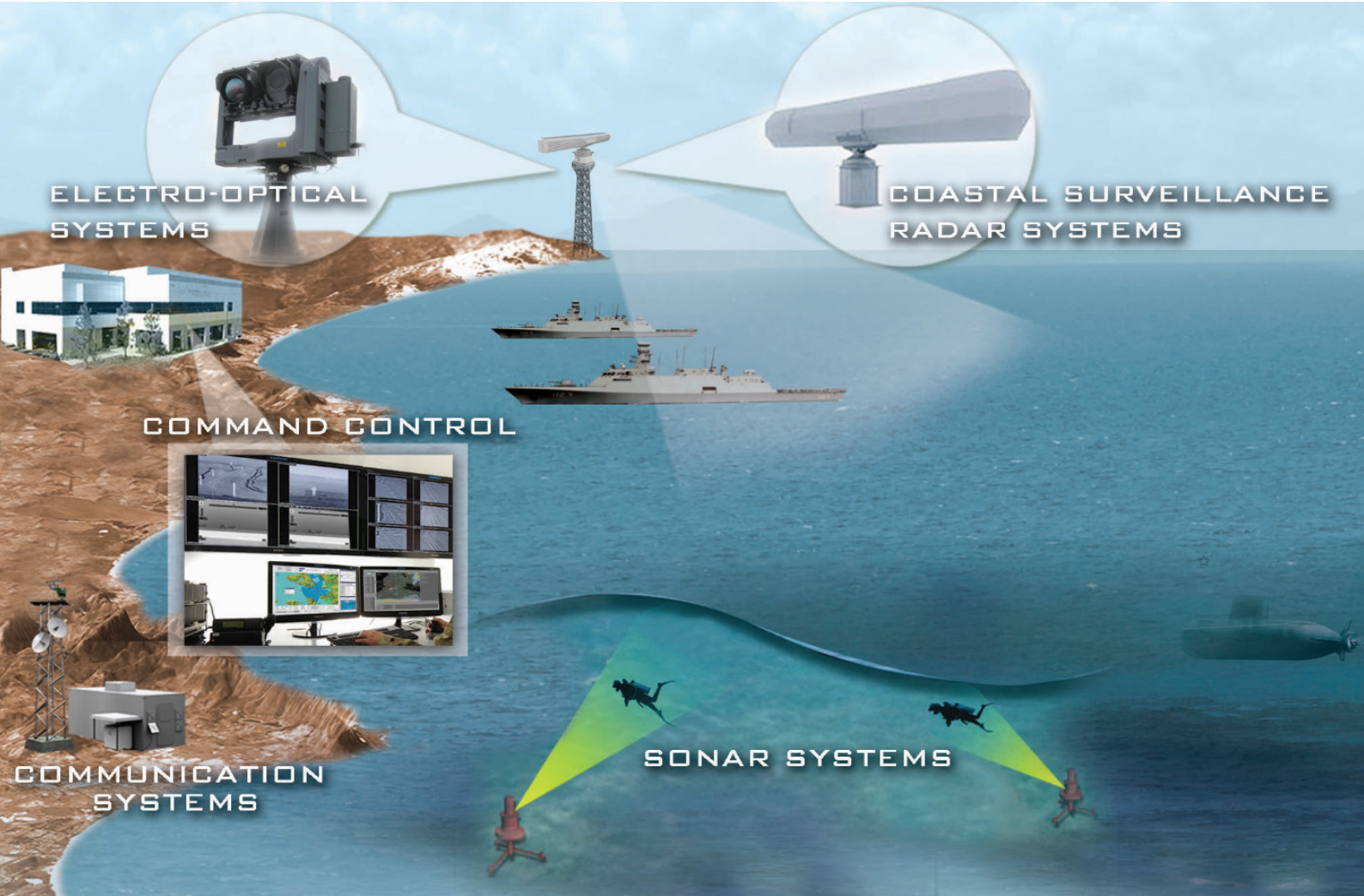


CSS

ASELSAN COASTAL SECURITY SYSTEMS





CSS

ASELSAN COASTAL SECURITY SYSTEMS

Product Description

ASELSAN Coastal Security System (CSS) aims to provide complete and continuous protection with high technology sensors for naval bases, harbors and coastlines that have critical importance. Intended base/harbor/coastline becomes secure on 24/7 basis even in adverse weather conditions with ASELSAN CSS.

The CSS detects and tracks the unauthorized entrance of the specified threats within a defined area. The threats can be submarines, surface vehicles, divers and low-altitude aircrafts. The system is capable of monitoring the facilities and the protected area.

Sensor Sites consisting of Coastal Surveillance Radar Systems and Electro-Optic Systems are located on the coastline, while Sonar Systems are installed underwater. These systems are mission-specific sensors collecting data from the regions of interest and transferring the data to a Security Management Center.

The Sensor Sites can be manned or unmanned system units and they can be controlled remotely from Security Management Center. ASELSAN can provide and propose various sensors and sensor sites in order to accommodate the CSS to customer requirements.

Applications

- Naval Bases
- Seaports and Harbors
- Critical Coastal Facilities (Oil Refinery / Nuclear Power Plants / Natural Gas Processing Facilities, etc.



System Units (including, but not limited to)

- Surveillance Sensors:
 - ASELSAN SERDAR Coastal Surveillance Radar
 - ASELSAN ACAR-IHA Drone Detection Radar System
 - ASELSAN Electro-Optic System:
 - ASELSAN EYE-L Thermal Camera
 - ASELSAN Day TV Camera
 - ASELSAN GZM01 Laser Range Finder
 - Pan&Tilt Unit
- Sonar Systems
 - Diver Detection Sonars
 - Active Sonars
 - Passive Sonars
- Surveillance Tower
- Shelter
 - Electronic Equipment to control the sensors
 - Power Distribution Unit
 - UPS
 - Air Conditioning Unit
 - Racks
 - IT Equipment
- Generator
- Physical Security System:
 - Security cameras
 - Fence
 - Aircraft Warning Lights
 - Lightning Arrestor

Operational Capabilities

- Detection/Identification/Tracking
- Track Management
- Information Transfer and Data Fusion
- Information Exploitation and Analysis
- Platform Management
- Video Recording and Replay
- Progress Monitoring
- Effective User Interface
- Interface with External Systems

Maintenance Capabilities

- Continuous and Initiated Built In Test (CBIT & IBIT)
- Field Test Equipment development for fault isolation
- Customer-Oriented Product Lifecycle Management
- Minimum life cycle cost
- Minimum repair time
- Excellent after-sales service

