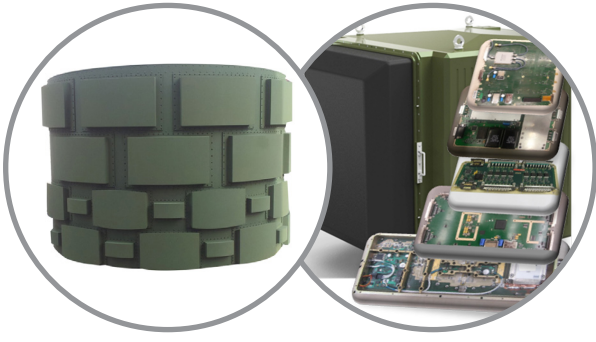


REDET

RADAR ELECTRONIC SUPPORT (ES) /
ELECTRONIC ATTACK (EA) SYSTEMS





REDET

RADAR ELECTRONIC SUPPORT (ES) / ELECTRONIC ATTACK (EA) SYSTEMS

ASELSAN Radar ES/EA Systems

Radar ES System has the capability of detecting, intercepting, identifying, threat radar electromagnetic emissions and generating "Electronic Order of Battle".

Radar ES System

Radar ES System determines; primary (frequency, pulse width, pulse amplitude etc.) and secondary (antenna scan, modulation on pulse etc.) radar parameters automatically and creates the emitter list. Each member of the emitter list is automatically identified by comparing emitter parameters with Mission Data File (MDF) / Threat Library. System has the capability of mission recording, tactical recording and intrapulse recording.

Radar ES System comprises, high gain antenna sets, wide band and narrow band receivers, high precision parameter measurement and talented recording / analysing infrastructures.

Radar ES System Features

- Modular Design
- Multi Receiver Architecture
- Wide Frequency and Spatial Coverage
- High Parameter Measurement Accuracy (RF, PRI, PW, DOA)
- Handling Both Traditional and Emerging Threats
- Automatic Identification of Threats
- Fast System Response
- Operation within a Dense and CW environment
- High Precision Direction Finding
- High Precision Position Fixing with Multi-platforms



Radar EA System has the capability of suppressing threat radar coverage or disabling radar functions for desired durations by applying various jamming and deception electronic attack techniques. System can identify threat radars within the mission zone by its 'Support Measure Infrastructure'. With its DRFM based structure, system can apply coherent and non-coherent jamming/deception techniques against threat radars.

Radar EA System

Radar EA System has cutting edge structure with its integrated digital receiver, technique generator, active phased array transmitter unit and multiple solid state amplifiers rewarding high output power. System can attack multiple threats simultaneously with its fast beam steering feature.

Radar EA System Features

- Modular Design
- Integrated Digital Receiver, Technique Generator and Digital RF Memory Architecture
- Fast Beam Steering via Phased Array Antenna System
- High Output Power
- Multiple Solid State Amplifiers
- Wide Frequency and Spatial Coverage
- High Parameter Measurement Accuracy
- Multiple Jamming and Deception Techniques
- Handling Both Traditional and Emerging Threats
- Fast System Response

