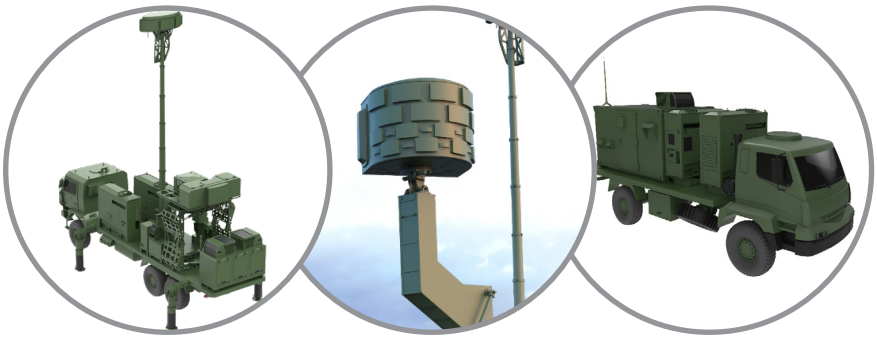
aselsan

KORAL II

MOBILE RADAR ELECTRONIC WARFARE SYSTEM

www.aselsan.com



KORAL II

MOBILE RADAR ELECTRONIC WARFARE SYSTEM

ASELSAN, with it's broad experience in radar and electronic warfare systems, is proud to announce the operational success of it's unique KORAL II Mobile Radar Electronic Warfare System.

KORAL II System supports the Suppression of Enemy Air Defence (SEAD) operations by building information dominance and providing fast response time in a challenging environment. KORAL II is composed of Electronic Support and Electronic Attack Systems.

KORAL II System is operated by two operators within the Operation Control Unit (OCU), one Electronic Support Operator fort he control of the detection, analyisis and DF functions and, one EA Operator fort he control of jam-ming, deception and source allocation functions. Additionally the Supervisor within the OCU handles the operation coordination and communication with the other KORAL II Systems and commands. The OCU incorporates three multifunctional consoles to achive these roles.

OCU is in compliance with NATO standards and also supports NBC protection.

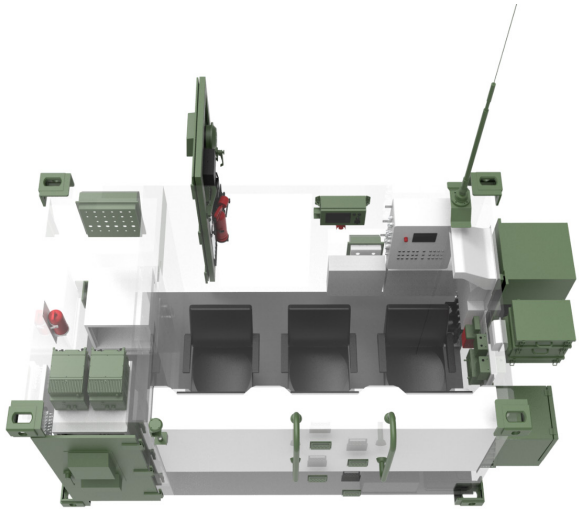
KORAL II System also provides Mission Planning Tool for pre mission planning including Mission Data File Generation and Mission Analysis Tool for post mission analysis of the recorded data and signals.

General Features of KORAL II Radar Electronic Support System

- Modular System Design
- Multi Receiver Architecture for wide instantenous bandwidth and high sensitivity
- Wide Frequency and Spatial Coverage for high Probability of intercept
- High Parameter Measurement Accuracy in both frequency domain and time domain parameters (RF, PRI, PW, DOA)
- Handling Both Traditional and Emerging Threat Signals
- Automatic Idenfication of Threats using internal Threat Library
- Fast System Response for detection using wideband receivers
- Operation within a Dense and high PRF and CW environment
- High Precision Direction Finding using both amplitude comparison and spinning antenna DF methods
- Position Fixing with high CEP using Multi-platforms

General Features of KORAL II Radar Electronic Attack System

- 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
- Handling Both Traditional and Emerging Threat Signals
- Automatic Jamming of Threats using internal Technique Library
- Simultaneous Application of Multiple Jamming and Deception Techniques
- Fast System Response and for jamming using fast beam steering phased array units



P: +90 (312) 592 10 00 | **F**: +90 (312) 354 13 02 | rehismarketing@aselsan.com.tr