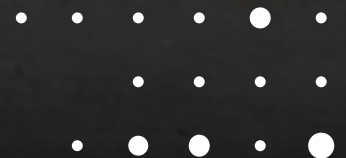




GREEN PINE

LONG RANGE BALLISTIC MISSILE RADAR SYSTEM
ELM-2080C



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LONG-RANGE BALLISTIC MISSILE RADAR SYSTEM

ELM-2080C

The world-renowned Green Pine Radar System (ELM-2080C) is a transportable, ground-based Ballistic Missile (BM) radar system operating in L-band frequency. It is designed to autonomously detect while simultaneously track and classify large quantities of Ballistic Missiles as well as Satellites and space debris at very long ranges, under all weather conditions, and overcoming signal interference. Based on lessons learnt in recent conflicts, the latest version has been upgraded with major improvements, additional features, enhanced algorithms and AI. The modular Active Electronically Steering Array (AESA) technology implemented in the radar includes thousands of transmit/receive modules that provide high redundancy and reliability and graceful degradation.

MULTI-MISSION OPERATION

- Ballistic Missile Early Warning
- BMD support/Fire Control Radar
- Air Surveillance
- Space Situational Awareness

Green Pine can operate as a stand-alone Early Warning Radar, as a part of an array of Early Warning Radars connected to a C2/C4 or as part of IAI's Arrow Weapon system. **The solution is available in both Fix and Mobile versions.**

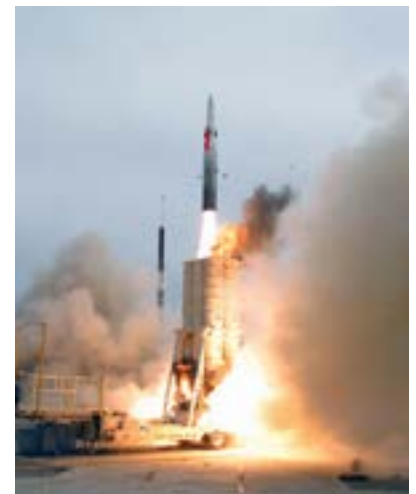
The Green Pine radar series has been in operation in the Israel Air Force since 1998 as an Early Warning Radar, since 2000 as part of the Arrow BMD system, as well as operating in other countries worldwide. As part of the Arrow system, Green Pine detected, tracked and classified hundreds of Ballistic Missiles.

KEY ADVANTAGES

- Autonomous detection of Ballistic Missiles and Satellites
- Simultaneous tracking and classification of dozens of BMs
- Full track or Track-While-Scan (TWS)
- Wide and flexible spatial coverage
- Discrimination between BMs and other target types
- Accurate launch point and impact estimation
- Interoperability with Air Defense Systems enhancing a country's air defense and early-warning capability
- Integrated into NATO air defense and supports Link-16 and other protocols



Mobile Green Pine.



Green Pine as part of Arrow System

