



MULTI-LAYERED AIR DEFENCE SOLUTIONS

ENHANCED INTEROPERABILITY

High-to-low altitude surface to air missiles with strengthened engagement and anti-ballistic capabilities

LIG D&A provides air defence solutions under the concept of multi-layered air defence from very short to long range to respond against various threats. Integrated with Oerlikon Skymaster® Command & Control System, LIG D&A's LSAM and MSAM-II enable the coordinated air defence operation with various 3rd party air defence solutions through standardized datalinks.

LSAM (LONG RANGE SURFACE TO AIR MISSILE SYSTEM)

- Effective and efficient simultaneous multi-target engagement capability using AESA radar and remotely operated vertical launchers
- Utilizes two kinds of interceptors, Anti-Air Missile (AAM) and Anti-Ballistic Missile (ABM) for maximized performance and effectiveness

MSAM-II (MID-RANGE SURFACE TO AIR MISSILE SYSTEM)

- Most advanced medium range surface to air missile system leading features as follows
 - Active RF seeker and precise homing filter technique in a kinetic kill
 - Side jet thruster enables fast and sufficient maneuverability at initial & terminal phase
 - High kill probability against tactical ballistic missiles and all types of air targets
- Simultaneous multi-target engagement based on the electronically scanned array radar, vertical launch and active homing missile
- Fast response time based on high mobility, rapid deployment time and fully automated engagement system

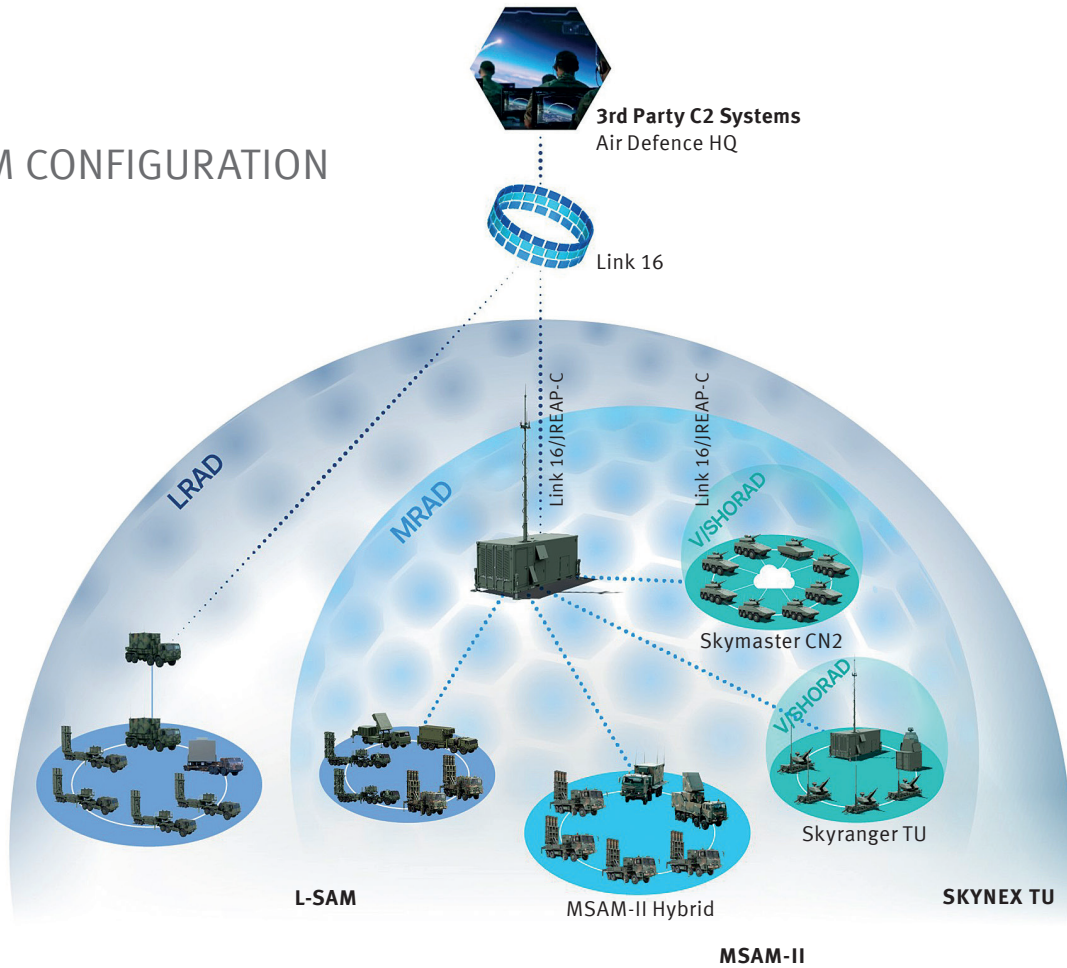
MSAM-II HYBRID (MULTI-LAYERED SURFACE TO AIR MISSILE SYSTEM)

- MSAM-II Hybrid is a multi-layered air defence system combining the MSAM-II and LSAM system, designed to effectively counter the evolving sophistication of modern multi-domain threats
 - LSAM conducts engagement against Air Breathing Target in long range
 - MSAM-II conducts engagement against Air Breathing Target and Tactical Ballistic Missile in medium range
- Effective engagement while minimizing overlaps and gaps between defence layers, ensuring no threat pass through the coverage
- Optimized use of ammunition & resources with efficient resource management while achieving maximum performance

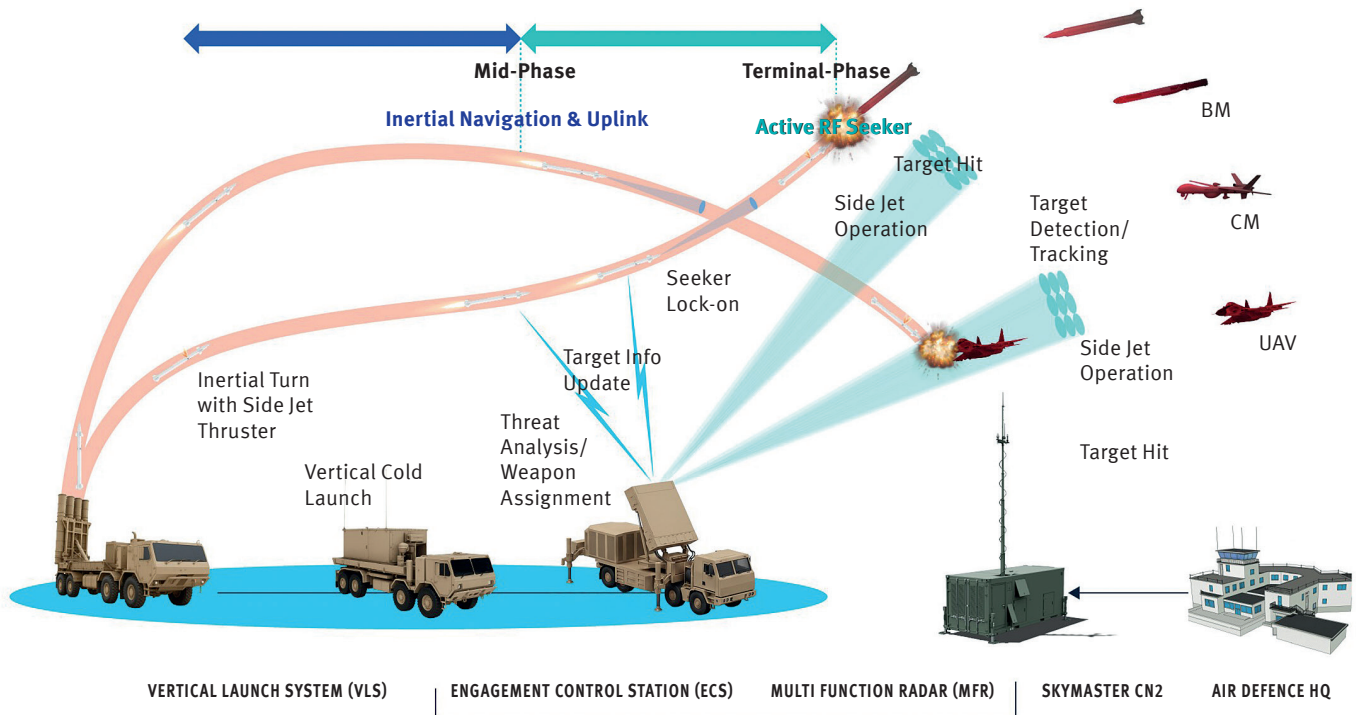
SKYMASTER COMMAND & CONTROL SYSTEM

- Made-to-measure solutions
- Tactical and operational air defence networks
- Multi-spectrum sensor netting solutions
- Force multiplier at all command echelons
- Increased effectiveness

SYSTEM CONFIGURATION



OPERATIONAL CONCEPT



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