



# Israel Aerospace Industries Ltd.

## Intelligence Surveillance, Reconnaissance (ISR)

Delivering real-time intelligence, and situational picture for decision makers at all levels, IAI solutions support the delivery of real-time reconnaissance, electronic intelligence and cyber through turnkey solutions focusing on strategic and targeting assets such as Signal Intelligence (SIGINT), Image Intelligence (IMINT) and Synthetic Aperture Radar (SAR) technologies, day & night EO/IR systems, implemented through integrated, networked and connected system of systems. IAI is positioned as Israel's center of expertise for radar systems. In the cyber domain, IAI's capabilities are addressing all operational levels, from the signal interception, collection and analysis, through advanced, user-directed monitoring, assessment and targeting.

## Homeland Security (HLS) & Cyber

Operational at some of the world's most sensitive conflict areas, IAI's radars and EO payloads are securing a wide range of protected sites, from borders and coastlines, national symbols and strategic infrastructures, to population centers. These comprehensive, integrated solutions are securing strategic sites often comprise airborne, ground-based, maritime or mobile sensors, augmented by unattended platforms like aerostat or unmanned patrol vehicles, all integrated through secure information networks. IAI also offers a comprehensive suite of cyber-intelligence, cyber early warning and cyber training and simulation systems for defense, intelligence, law enforcement and homeland security applications.

## Land Systems

Advanced systems and capabilities developed by IAI for use by land forces, are including state of the art battle management and communications systems supporting broadband communications on the move. IAI's targeting and navigation systems supporting precision guided weapons. The company also offers a wide range of combat support systems – from guided missiles to obstacle breaching, counter-mine, and counter-IED. Part of IAI's land systems development thrust is in the area of robotics, integrating autonomous navigation, sensor fusion, terrestrial and SATCOM communications and more through the implementation of modular robotic building blocks.

## Commercial Aviation & MRO

As a leading aircraft designer and manufacturer, IAI maintains extensive expertise in engineering, manufacturing and support. From turnkey design and manufacturing of business jets, manufacturing of primary aero structures for major international OEM, as well as landing gear, servo control and actuator systems. IAI also offers conversion, maintenance, repair and overhaul (MRO) services of narrow and wide-body passenger and freighter aircraft, engines and equipment, to the development of innovative robotic ground support equipment, IAI provides an expert one-stop-shop for the commercial aviation.

## Modernization & Upgrading

Through over four decades IAI have implemented upgrading and modernization programs for military aircraft and helicopters. Based on its extensive track record as an aircraft manufacturer, IAI has successfully upgraded hundreds of aircraft and helicopters of Eastern and Western origin. Modernization packages often include a comprehensive life extension, system upgrades with advanced avionics including radar, EW, glass cockpits, communications, navigation and weapon delivery systems. Other aspects include training equipment, simulators, mission planning and debriefing systems.



TAXIBOT - Robotic Taxi for passengers planes



HAROP - Loitering Weapon



HERON UAS



Multi Mission Tanker