Company Name: **MAGNA BSP Ltd**

Private, founded in 2001 as an Innovative startup in Video Analytics in real time, with 3D image processing, for Visible and Thermal Imaging cameras based on A.I. and Deep Learning

Magna observation system provides automatic detection on dynamic & static objects –trace and smuggling, and high velocity targets like tennis balls, hockey pucks, and rockets, as well as providing 360° drone protection.
Depth perception, notifying about the size and distance of an object, enable 3D image processing in less than a second, delivering 100% reliable target detection and recognition (Magna patent), Known as world leader as security provider for *Smart Automatic Observation and Surveillance Systems (international rewards)*

Advantages of the Magna solution:
- Magna is the only company in the world with 3D detection
- The first with real-time fusion of thermal imaging and visible detectors
- Unique and customize software detection and recognition at the same time and distance.
- Detect and track intrusion detection 24/7 at all-weather condition
- Surface masking and movement filtering

The main Magna solutions provider are:
- **Military:** for border protection and camp perimeter security
- **HLS:** Critical infrastructure protection, nuclear power plan, airport, seaport, intruder detection and smuggling, swimmers, drone detection
- **Software develops A.I. and Deep Learning**: to customer requirements like:
  - different cameras type: thermal imaging, visible, scanning cameras, drone payload
  - human behavior, suspicious movement at crowded aera
  - transportation control, counting cars, traffic control
  - autonomous cars (ADAS), railroad safety and maintenance
  - flight Safety (drone, UAV): Obstacles in the urban area, high voltage cable, landing on unknown surface
  - industrial air pollution, water leaks, accurate measurements
  - runway safety, FOD, objects at aircraft gate, birds strike prevention

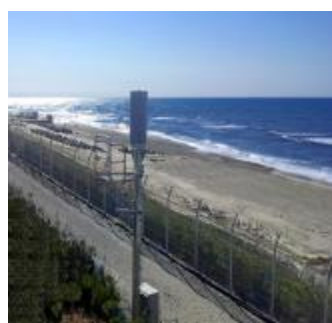# Some of operation sites:

Border protection, intruder detection

Critical Infrastructure, Strategic site protection

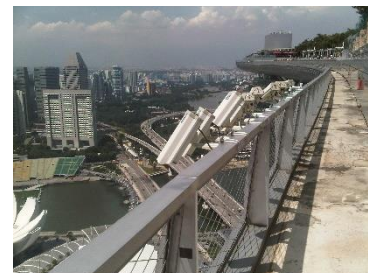### Perimeter security

Seaside environment

Anti Drone systems

portable system

Hybrid system: electricity and communication

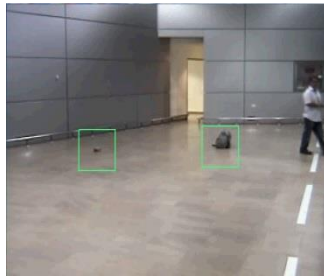### mounted system and in urban environment

Operator View:

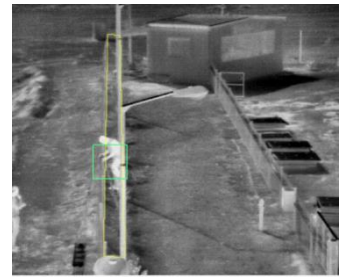### Maritime (small boat, swimmer) detection,

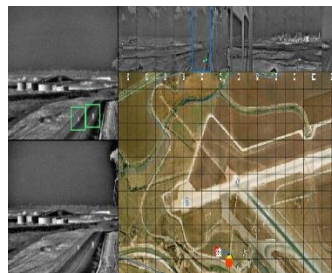### Border protection, Perimeter security

Static object outdoor / indoor detection

Intruder detection and over the fence

Airport secure- security& safety

Drone detection, (mini, micro drone)

Deep Learning Intruder detection software

Traffic control, Car Counting, rail crossing