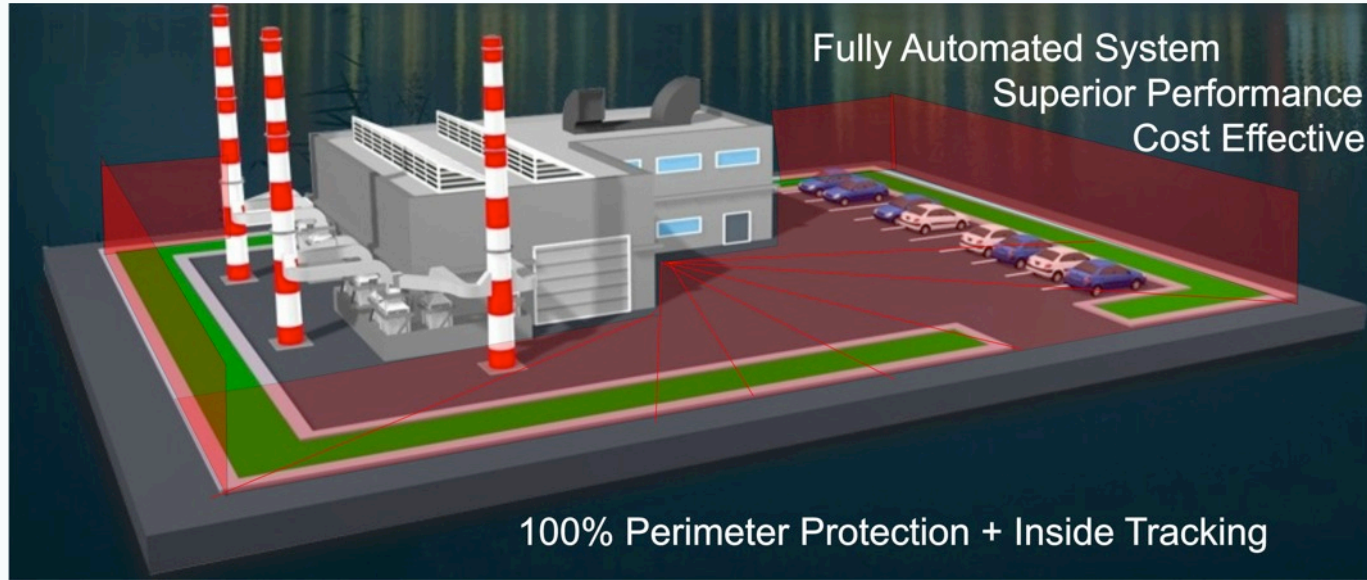




# Energy Infrastructure Security & Safety ALDS

Advanced Laser Detection Systems

# Advanced Laser Detection System (ALDS)



- Patented state of the art technology based on high resolution laser radar
- Offers best in class performance; **3-5X** lower false alarms than leading competitors and **over 99%** detection rates
- Robust design, built to last, and **field proven** with hundreds of units in operation.



# Better Technology

- **Outperforms the competition**  
Advanced laser radar has ultra high resolution in comparison to traditional technologies such as conventional radar, and thermal and video cameras.
- **Smarter sensors**  
Empowered with intelligent algorithms the sensors dynamically learn and adapt to changing environmental conditions in realtime.
- **Fully automated situational awareness**  
The system provides early warning detection, automated video tracking, and realtime position tracking on satellite maps.



# Oil Tanker Protection

- Virtual laser curtain to secure tanker on all sides, 24/7 while docked or while at sea
- Detects any unauthorized attempts to board the tanker day or night without the need for patrols





# Oil Tanker Safety

- Small object detection for collision avoidance
- Can detect objects as small as jerry cans or swimmers floating on the water

## Military Navy Tests



# Land Based Safety Barriers

- Stationary land based laser radar units to create virtual safety barriers with automated remote monitoring to alert if ships get too close to land.



# Drilling Platform Protection

- Automated 24/7 early warning system for drilling platforms.





# Pipeline Protection

- Virtual fence to detect any attempts to approach pipelines in sensitive areas





# Mobile Trailers for Rapid Field Deployment

- Automated wide area detection, tracking & surveillance
- Area coverage over 50 football fields



# Storage & Facility Protection

- Fully automated wide area protection of facilities, including protection of access gates, perimeter fences, buildings and valuable assets.
- Detects and tracks all unauthorized intrusions or activity in the area.
- Displays real time position of the intruder on satellite maps and automatically steers PTZ cameras to follow their every step.
- Proven technology. Unparalleled performance.
- Tracks up to 16 intruders simultaneously.

