

EL-FAR COMPANY PROFILE



El-Far advanced perimeter security technologies for International borderlines, airports, harbors, water infrastructure, military, electric and energy, train stations, nuclear plants, prisons, top sector sites, industrial and commercial sites

EL-FAR Electronics systems 2000 Ltd.



El-Far Electronics Systems 2000 Ltd. develops and produces advanced perimeter security technologies and delivers integrated solutions to a global customer base.

The Perimeter Security Challenge

The rising threat of global terrorism in the last decade has undoubtable increased awareness of perimeter security and security in general especially for key sites such as critical infrastructure, airports, train stations and borders to name a few. However, global terrorism is not the only threat. Sabotage, vandalism and other criminal activities continue to challenge site security. Furthermore, these sites typically encompass a wide area and pose a physical challenge to security personnel as the perimeters require efficient monitoring to enable a rapid respond to any security breach.

El-Far – Rising to the Challenge

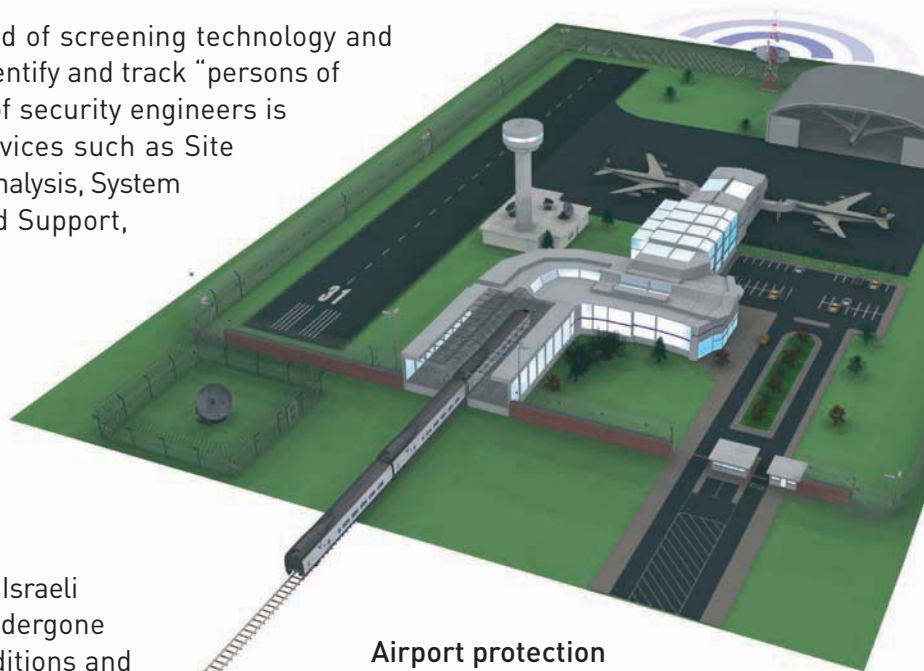
El-Far delivers integrated intrusion detection and protection solutions that include:

- Smart electronic fencing solutions
- Underground seismic solutions
- Command and control software
- Ultrasonic sensors
- Video management, analytics and recording
- Access control systems
 - Biometrics
 - License plate recognition
- IR and microwave poles
- Water conduit protection system
- Hydraulic barriers and gates
- Perimeter infrastructure

The company has gained expertise in the field of screening technology and behavioural analysis, procedures utilized to identify and track “persons of interest”. Furthermore, the company’s team of security engineers is on hand to provide a range of consulting services such as Site Surveys and Specification, Risk and Feasibility Analysis, System Design, Installation, Project Management and Support, as well as Full Bid Proposals.

El-Far’s solutions meet the full spectrum of security challenges facing any military or civilian facility and have been successfully implemented in and are ideal for Aviation, Tunnel, Rail, Port and Critical Assets security applications worldwide.

In 2003, El-Far’s systems were authorised by the Israeli Defence Force’s Technological Unit, having undergone rigorous testing in radical environmental conditions and severe operational scenarios. El-Far’s real world experience, impressive install base and application of advanced technologies, make them a world leader in their field.



Airport protection

advanced perimeter security technologies



Advanced Technology that gives you the Edge

El-Far has developed industry-leading patented technologies that significantly improve performance and reliability. These advanced technologies enables El-Far to provide customers with superior multi layered protection and offer data fusion which enables real time management of critical data from sources such as sensors, video, radars, and biometrics among others.

- Accuracy – Exceptional detection resolution of +/- 10 meters
- Ability to adapt technology to customer requirements
- Easily integrates with auxiliary systems
- Low False Alarm Rates – Complex algorithms differentiate between “real” and “false” alarm events
- Based on “Reflected Wave” technology
- Able to integrate with all communication configurations
- Enables operation under extreme weather conditions

Integrated Site Protection Solutions

Increased efforts to protect critical infrastructure have led to increased budget allocations to combat security threats and protect site perimeters. Accordingly, a proactive approach is being adopted to install integrated security solutions that will be interoperable with new emerging technologies, as well as legacy security systems.

El-Fars’ products are designed is to provide customers with reliable, accurate and cost effective perimeter protection solutions. The products are presented as modular systems that allow for efficient installations or integrations with existing infrastructures. Along with its vast experience in implement, El-Far offers:

Smart Fences

El-Far offers a range of smart fence solutions that are capable of detection any attempted intrusion of the fence whether by climbing, cutting or opening of the structure within a +/-10 meter resolution, and provides visual and audible alarms against any such unauthorized access.

El-Far offers the following smart fence solutions:

Viper Computerized System – New generation security system designed to handle all aspects of perimeter protection. Easy to install, operate and maintain, the system upgrades any existing fence to the status of an electronic barrier.

Stand-alone Smart Fence – Small scale perimeter detection system for small site protection with a perimeter of up to 800 meters.

Rapid Deployment Smart Fence - Cost effective and easy to install and operate. Includes outdoor vibration sensors and computerized mobile central control unit.

Explosion Proof Smart Fence – Ideal for potentially volatile environments. Offers reliable intrusion detection in the presence of flammable, combustible or easily ignitable materials.

*All systems are corrosion resistant

Smart Sensors

Seismic Sensors – Smart underground seismic sensor system where covert perimeter protection is essential. Connected to central unit with adjacent sensor for added reliability.

Ultrasonic Sensors – High performance ultrasonic sensors for greater sensitivity and range.

Command and Control Software – El-Far's easy to use command and control application can be easily integrated with external application allowing data fusing between sensors. The application is also offered as stand-alone solution.

Video Management, Analytics and Recording – Wide range of intelligent video surveillance systems to heighten detection capabilities and observation.



Harbor protection

Access Control – Plug 'n play solution for new and existing systems including fingerprint and facial recognition biometrics and license plate recognition to enhance access security.

Radar – Designed to secure entire site, the radar is compact, lightweight, reliable and cost effective, and operates day and night under all weather conditions.

IR and Microwave Barriers – These barriers create an invisible protection wall and, due to a combination of technologies, provide very high detection performance and low false alarm rates

Water Conduit Protection System – Effective intrusion detection system for water pipes, canals, etc. Fully operative in a wide range of temperatures and effective when fully submerged under water.

Hydraulic Barriers and Gates – Specifically designed for traffic management, hydraulic barriers and gates effectively control access to premises

Perimeter Infrastructure – El-Far offers a wide range of perimeter infrastructure including fences, gates, and electronic barriers.

Applications

Mass Transit Venues: Airports, railway stations, sea ports and water ways, subways, highways and major intersections

Critical Assets: Gas and oil pipelines and storage areas, water supply pipelines and main junctions, emergency service stations, telecommunications infrastructure, electrical power grids and transformer stations, banking and finance hubs, transportation infrastructures, and many more

Borders: International/national borders, border crossings

Military Installations and Correctional Facilities: Military bases and airfields, prisons and detention centers

Commercial: Production plants, factories, storage hangers, warehouses, transport parks, distribution centers, retail outlets, shopping centers, corporate offices, embassies, hotels & training facilities

Private Sector: VIP homes, secure residential areas, schools and colleges

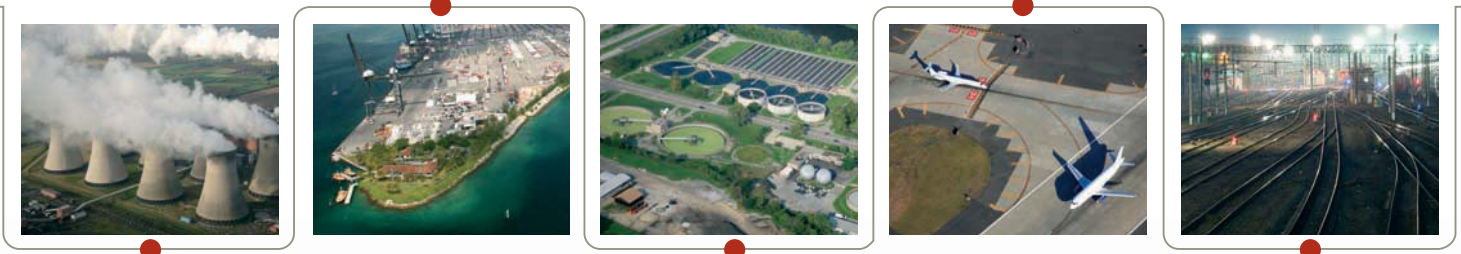


Company Policy

- **Technology** – El-Far places great importance on R&D investment to ensure continued development of cutting edge technologies and groundbreaking solutions for the perimeter security market
- **Adaptability** – El-Far provides products and solutions that can be integrated, tailored and adapted to suit customer requirements
- **Cost Effectiveness** – El-Far provides cost-effective solutions without compromising on product reliability
- **International Cooperation** – El-Far supports, works and cooperates with local companies to provide cutting edge systems to local markets
- **Reliability** – El-Far provides high level support to its customer base throughout the entire installation process and beyond.
- **Ease of Use & Low Maintenance** – El-Far ensures that the solutions are easy to install, operate and maintain.



advanced perimeter security technologies



24 David Navon Street,
Magshimim, 56910,
Israel

Tel: +972 3 916 0531
Fax: +972 3 916 0438
elfar@elfar.co.il

www.elfar.co.il

