

SensoGuard Case Studies Report



Introduction

SensoGuard develops and manufactures **innovative invisible seismic-based protection systems**. SensoGuard systems can either stand alone or be integrated with an existing protection system. The main Advantages of our products:

- Invisible
- Provides RF & GSM alarm transmission
- Easy to Use-Plug & Play installation
- Low Maintenance
- Light weight
- Durable in extreme conditions
- Low Power Consumption

Our systems can be installed in various outdoor sites such as: farms, fish farms, parks, archeological sites, perimeter zones, military arenas, jails, bases and camps, infrastructure sites, border checkpoints, villas etc.

In this report we will present several case studies based on real SensoGuard installations.

1 -Water and Sewage Corporation site (north Israel)

This site supplies water and sewage services to one of the northern cities in Israel. It contains water pumping generator and control systems for water and sewage services to the city. This site was suffered from continues vandal damages by one of the city citizens. All the security solutions (fence, cameras, detectors etc) didn't help.

Site dimensions: 20mx20m = 400 square meters

The purpose: secret alert to our client in any case that someone (car or a person) is penetrating the security zone.

Solution: we installed 4 SafeWay systems to cover the perimeter of the site and the access road to the site. We have also installed our GSM modem in order to send SMS alerts to the client's cellular phone.

Results: since we installed our systems our client reports that he managed to regain control of his site and to stop the vandal damage.



Water and sewage site – north Israel

2 – highway (center of Israel)

In this case we got an approach from one of the main highway operators in Israel. Its security department reported that stones were thrown from the sides of the highway, somewhere in that road. The consequences of this phenomena could be dramatic and critic, especially if it causes accidents, injuries or even deaths. The client asks for a system that can supply him with a solid alert to the control room + a clear face photo that can be used as evidence in court. The client also asks that systems will be removable.

Site dimensions: 120 meter strip aside of the road

The purpose: secret alert to control room of the highway in case of penetrating the security zone + clear photo that documenting the face of the penetrator.

Solution: we installed wireless SG-1 sensors + 6 covered hidden cameras.

Results: the client gained full control of the critical zone. Our systems transfer images of intrusions to the control room.



A man walking in security zone of the highway - Documented by our cameras. Triggered by our seismic systems (we got also his face photo)

3 – tactical system for special unit

In this case we supplied tactical systems to one of the military special units of the IDF. They asked for a system that can be installed smoothly on the ground, removable, simple and friendly to use. The main purpose is to put the system far ahead from the squad in order to get an early alert.

Site dimensions: 50 square meters for each kit

The purpose: to get an early alert if penetrator is getting close to the squad, gaining time for readiness.

Solution: Kit which includes SG-1 detector + GSM modem.

Result: Our kits are used by this unit on daily bases on the ground. It supplies alerts to the squad team.

4 – Protecting a private house in Luxemburg

We received a request to get a better protection for a private house in Luxemburg. The customer asked to protect the front line of the main house and to connect our system to the security system alarm panel

Site dimensions: 1000 square meters

The purpose: to get an early alert and stop intruders to penetrate the castle.

Solution: we installed 3 SafeWay systems with dry contacts. Our systems were integrated to the security system that was installed already in the house.

Result: Our systems working at this site for two years and helping our customer to protect his house from intruders.



Digging a trench in the courtyard – before the installation of our SafeWay systems.

5 – protecting heavy equipment parking zone – Jordan Valley **East Israel**

Recently we are getting more and more requests for better protection of heavy equipment vehicles parking zones. Customers complain that Intruders are interested in the heavy equipment vehicles itself and its expensive parts. Customers indicate also about increasing cases of vandalism on heavy vehicles.

Site dimension: 120 square meters of the parking zone.

The purpose - preventing vandalism and stealing of heavy equipment vehicles. Provide early alert to customer when intruder getting close to protected area.

Solution: installation of 1 SafeWay system that covers the surrounding protected area. We added also GSM modem in order to send alerts in case of penetration.

Results: our customer is getting now early alerts; even before the intruder actually damage the heavy equipment.



Heavy equipment parking zone