## LIFE SAFETY PRODUCTS

**Personal Alarm System (PAS)** is an ultrasonic-based emergency notification system. The system is designed to locate a person inside a facility instantly so security personnel or a response center can send help quickly. These systems work extremely well in industrial safety and production areas where people at risk can be attended to in record time.

**Flare** is an RF technology based emergency notification system that can pinpoint a person's exact location within 20 feet (6.1m) and will distinguish between indoor and outdoor spaces when a staff member's life may depend on rapid response. Because people do not stay in one location, this product can display any individual's location, be it corridor or production yard.

## SECURITY MANAGEMENT SYSTEMS

**Sentient**® is a Security Management System (SMS) that displays and manages alarms and status information in high-security environments. It is easy-to-use, integrates seamlessly with a diverse array of security equipment and is highly reliable. It comes pre-integrated with a range of Senstar sensors so adding maps, assigning zone and sensor icons to maps, etc. can begin immediately without needing a software integration exercise.

Senstar also offers a fully integrated system that supports decision-making and wide area command and control in real time. It draws data from all sensors, showing the location of field personnel and other relevant information such as video feeds, auxiliary services and weather conditions, delivering a unified picture that is continually updated.

## WHY PARTNER WITH SENSTAR TO SECURE YOUR SITE?

- Experience – We have decades of experience in developing, manufacturing and installing products/services for thousands of prominent facilities in over 80 countries.

- Breadth – We offer the single largest selection of outdoor perimeter intrusion detection devices and control systems in the world.

- No loss of investment – Sensors are designed to easily integrate with existing systems.

- Budget conscious – We are committed to delivering a security solution that meets your needs and budget.

- Customized solutions – Our company takes the time to understand your business before making recommendations on what will best address your security requirements.

## REFERENCE SITES

Due to the confidential nature of our customers, we cannot share their names and locations. However, thousands of our sensor products, life safety products and security management systems are in place throughout the United States protecting the perimeters of nuclear facilities, power plants, gas/oil utilities, atomic power laboratories, and refineries.

For decades, Senstar has been manufacturing outdoor perimeter security products that detect intruders at the perimeter of extremely sensitive, high-risk sites. Detection at the perimeter allows the critical time for guard forces or law enforcement to react appropriately before assets are at risk.

**SENSTAR**™

Contact us:

**www.senstar.com**

**Chemical Plants and the Petrochemical Industry**

**Is your site at RISK?**
Detection is the **BEST** form of protection

**SENSTAR**™

Chemical plants, refineries and the petrochemical industry represent vulnerable targets that give would-be vandals and outside threats a chance to shut down a community, state or national infrastructure.

## WILL A SHUTDOWN OR DISRUPTION AT YOUR SITE IMPACT ECONOMIC ACTIVITY?

If you are responsible for protecting a site that is deemed critical, consider Senstar Inc. a partner in your security strategy.

The Department of Homeland Security (DHS) defines a critical infrastructure as one related to:

⊙ information and communications
⊙ electric power
⊙ oil/gas storage and distribution
⊙ transportation
⊙ water supply and treatment
⊙ emergency assistance

In the United States, chemical plants in 23 states that store potentially lethal chemicals are located in some of the nation's most populated communities with the potential of endangering more than one million people in a worst case scenario.*

*Report compiled by the Congressional Research Service.

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No two sites are alike and that is why we work in partnership with the facility to understand and minimize their risk. Whether issues are related to environmental conditions, the ability to integrate with an installed system infrastructure, new policy issues, or the cost and benefit of employing such a system, we can assist.

## BEST SECURITY PRACTICES

The four standard practices in security are to deter, detect, assess and respond. A good security system clearly defines the space you want to protect. It includes a deterrent (fence, wall or building). It detects any intrusion. It provides assessment and calls for a specific response.

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## FENCE SENSORS

**FPS-5** is a strain sensitive cable sensor system that detects a mechanical disturbance on the fence caused by cutting, climbing or lifting. Advanced signal processing filters out disturbances caused by weather and other non-threatening factors and allows for reliable intruder detection.

Senstar also offers a taut wire perimeter intrusion detection system. It has no environmental limitations with a very high Probability of detection (Pd) and a virtual absence of false and nuisance alarms. It can be installed on either an existing carrying fence or on a fence specifically designed as a barrier.
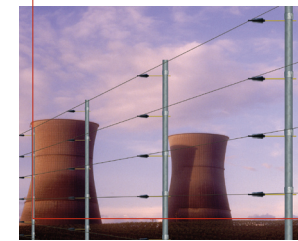
**IntelliFIBER** is a fence-mounted sensor that uses the signals generated by the minute flexing of a proprietary fiber optic sensor cable to detect an intruder cutting, climbing, or lifting the fence fabric. It is particularly useful where there is a risk of EMI, RFI or lightning.

## ABOVE GROUND VOLUMETRIC SENSORS

**Microwave Protection Series consists** of bi-static microwave products designed for stable, reliable operation in extreme outdoor environments. They are available in ranges from 10 to 1500 feet of coverage and provide notification of threats without any physical barrier.

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## ABOVE GROUND VOLUMETRIC SENSORS

**XField** is a terrain following, volumetric sensor that creates an electrostatic field around a set of 4 or 8 parallel field and sense wires. The processor senses changes in the electrostatic field when intrusions between the wires take place. The wires can be mounted on free standing poles, existing fences, walls or rooftops.

## BURIED VOLUMETRIC SENSORS

**OmniTrax** is a fifth generation covert perimeter intrusion detection security sensor that generates an invisible electromagnetic radio-frequency detection field around buried sensor cables. The system identifies intruders moving through the field based on their mass and movement. It has a very high probability of detection, low false alarm rate and low vulnerability to defeat.

**PipeGuard** is an innovative covert security system designed to protect underground pipelines and other buried assets from terrorism, theft, vandalism and third party intrusions. Sensing units, buried just below the ground's surface, transfer alarm messages to an operator via wireless RF, wired or a combination of both.

## VIDEO SENSORS

Senstar supports a state-of-the-art, real time, Intelligent Video Analysis (IVA) solution backed by 15 years of video motion detection experience, development, and deployment in hundreds of sites worldwide. It correlates information from multiple sensors, intelligently analyses CCTV and thermal imagery, and records, retrieves and streams video clips and data across a network.