





Since 1987, SORHEA has designed and manufactured electronic perimeter intrusion systems aimed at securing sensitive sites, both industrial and private. Sorhea continues to innovate to offer its customers solutions that meet their most stringent requirements. After more than 28 years of existence, SORHEA has asserted itself as the specialist of perimeter detection and a key actor of the European security market.

Our steady growth is based on:

- **Strong national and international commercial development:** creation of 4 export zones covering Europe and the Middle East
- **Continuous innovation:** with 8% of turnover reinvested each year in Research and Development
- **External growth :** integration of new activities linked to site security (access control, video analysis)

Applications for Sorhea's product range can be found in numerous market sectors:

Industries, Oil & Gas



Prisons, Military, Defense



Transport and Logistics



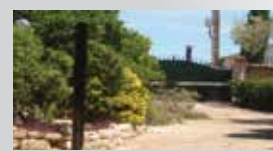
Administration, Embassy



Energy, Utilities



Residential



SORHEA's Service Center helps customers before and after purchase : site studies, technical and sales training, commissioning assistance, technical hotline.

*Each project is analysed in function of its individual characteristics and needs.*

Manufacturing and the manufacturing process are continuously monitored by our Quality team to guarantee the highest quality and reliability of SORHEA's products (certification ISO 9001, 2015).



Our **TECHNOLOGIES**

**INFRARED**

**SOLARIS**



- » 100m range wireless active infrared barrier
- » Without civil works
- » From 6 to 20 beams from 1 m to 3 m in height

Long range wireless active infrared barrier



**MAXIRIS 3000/3100**



- » Intrusion localisation thanks to the zoning function
- » Local or remote access via an integrated web server in each column
- » Modularity thanks to two different frames

Active infrared barrier with zoning function



**SHOCK DETECTION**

**G-FENCE 3000**



- » Localisation to within 3m
- » Up to 4 x 3200m protection per system
- » Integrated cartography

Fence Shock Detection System



**G-FENCE 600 & G-FENCE 600 Z**

**G-WALL:** Indoor Shock Detection System



The shock detection technology allows to detect any attempt of intrusion by analysing vibrations caused by the intruder on the support on which the detector is installed.





Our **TECHNOLOGIES**

**LASER DETECTION**

**SCANIRIS**

- » Range up to 200 m
- » Detection angle: 360°, 200° or 105°
- » Protection of perimeters, facades or roof-tops



The laser detectors transmit an infrared pulse, and analyse the «return flight time» of this pulse. During an intrusion, the value of this time varies and an alarm is triggered.



**DUAL TECHNOLOGY**

**KAPIRIS II & III**



- » One antenna for two detection technologies: Passive infrared and Doppler microwave
- » Range up to 50m
- » No dead zone at the foot of the sensor
- » Easy Maintenance
- » Association with video verification



**PIRAMID XL2**

- » "And Gated" Configuration: both sensor technologies must be activated simultaneously to create an overall sensor alarm
- » Ability to ignore randomly moving objects
- » Temperature Compensation automatically adjusts detection parameters to eliminate loss of range at high temperatures
- » 3 parameters of detection:
  - Direction of Movement
  - Speed of Movement
  - Distance of Movement



Dual technology sensor combining Stereo Doppler Microwave Technology with a dual element Passive Infrared sensor





## Our TECHNOLOGIES

### THERMAL CAMERA

SORHIP 50.55 75.28 140.15



- > Dual stream sensor
- > Video analysis integrated
- > 25 frames per second
- > Auxiliary inputs available
- > Power Over Ethernet



thermal camera products

### SPECIFIC PRODUCTS

#### SPECIALISED ENVELOPE

- > Double-stack envelope
- > Marine environment housing

#### SPECIALISED APPLICATIONS

- > "Filtering of trains" option for IR barrier.
- A specific option used for train yards can distinguish between the passage of a train and a pedestrian

#### ATEX EXPLOSION-PROOF HOUSING

- > Hazardous areas - ATEX explosion-proof model available for microwave detector



specific products range

## SORHEA, an International Presence

### Headquarters

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