



## PRESS RELEASE – INTERSEC 2018

From January 21st to 23rd 2018, **SORHEA** and **TIL TECHNOLOGIES** are participating for the 7<sup>th</sup> successive year at **INTERSEC** in Dubai. During this Security and Safety trade fair both French companies will be presenting their latest products with live demonstrations for major Middle East and International actors within the field. They will be exhibiting on their Middle East partner's, **PST Security**, booth on **Stand C42 – Hall S2**.

### 1 SORHEA will present 4 technologies

#### Infrared barriers:

Unlike traditional active infrared barriers, SORHEA's active infrared barriers use the **DSD technology**. This **Dynamic Scanning Detection** technology, designed by SORHEA, generates 1000 beams/second cell-by-cell scanning that significantly improves the density of the infrared beams.

With DSD infrared technology, the infrared barriers have a **high reliability** thanks to a cell-by-cell alignment, a **high detection capability** due to a high number of cells (up to 18 cells for MAXIRIS 3100) and a **very low false alarm rate** due to the multiple detection modes.

#### Shock detection cable:

SORHEA's cable is a **vibration detector**: this technology detects variations in the movement of an object relative to a point of origin. The **position of this object in space** is defined according to **3 geometric axes**, X, Y and Z, whose movements are measured by the vibration detector. The combination of acceleration values of the 3 axes allows **measurement** of the **signal intensity**, which is then used in accordance with the needs of the application.

#### Dual-technology detectors:

SORHEA dual-technology detectors combine a **passive infrared (PIR) sensor** and a **Doppler microwave antenna**. SORHEA has **combined these two technologies** to develop a reliable solution for perimeter protection. Each technology is sensitive to certain perturbations. PIR is sensitive to heat reflections and the Doppler to movements of water. The combination of the two, however, becomes effective since the advantages of each technology compensate for the shortcomings of the other. To trigger an alarm, **both technologies must detect** an intrusion.

#### Video analytics and tracking:

SORHEA proposes a complete solution of video analysis **combining thermal cameras** to their smart multi-functional **tracking software** to protect from an intrusion towards and around a specific area.

### 2 SORHEA products that will be exhibited on INTERSEC

#### Infrared barriers:

- **MAXIRIS 3100: high performance infrared barrier**
  - o High detection performance and reliability
  - o Zoning functionality
  - o Remote set-up and maintenance
- **APIRIS 3100: triple technology barrier**
  - o With active infrared, doppler sensor and microwave
  - o Zoning functionality
  - o Remote set-up and maintenance
- **SOLARIS: long range wireless infrared barrier – Solar powered solution**
  - o Time and cost savings during installation
  - o No loss of alarm information
  - o Secure network
  - o Solar energy

### Shock detection cable:

- **G-FENCE 3000: fence shock detection system**
  - o Up to 12km of protection
  - o Redundancy of all alarm information
  - o Precise localization of the intrusion

### Dual-technology detectors:

- **PIRAMID CONNECT: dual-technology detector**
  - o Elimination of unwanted alarms
  - o Simple set-up: time and cost savings
  - o Adaptability
- **PIRAMID ATEX: microwave detector in an ATEX housing**
  - o For explosive and combustible environments

### Video analytics and tracking:

- **ONETRACK: intrusion detection analysis**
  - o Detection using video analytics
  - o Smart and precise detection
  - o Tracking
- **THERMAL CAMERAS:**
  - o Combining the video analytic intelligence of the OneTrack system with thermal cameras provides an excellent day and night time detection



## Added value for the Security Control Center

### Integration with 3rd Party systems

**MAXIBUS UNIVERSEL** enables the **centralization of the alarm information** for different SORHEA products to a single location. MAXIBUS UNIVERSEL allows all products to be part of the same network and offers remote maintenance and fine tuning functionality.

→ [For more information, contact us.](#)

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### ABOUT SORHEA

*More than 30 years of experience and more than 20.000 km of installed systems, SORHEA is established as the specialist in detection systems and a key player in the security market worldwide.*

*The technologies developed by the SORHEA R&D and its sister companies' teams (85 employees), in France and abroad (USA, Canada and Belgium) cover all applications of perimeter protection:*

- *Infrared barriers & dual-technologies detectors*
- *Video movement analysis & Thermal imaging*
- *shock detection cable & electrified detector fences*

*Their unique product range of wireless and solar-powered products offers innovative technological solutions for protecting large perimeter sites, in France and all around the world.*

### About TIL TECHNOLOGIES

*Specialist in electronic security for building control, TIL TECHNOLOGIES designs, manufactures and markets hardware and software components for access control, intrusion detection, video surveillance and technical management. The company solutions are present at numerous French customer sites (SNCF, LA POSTE, EDF, AXA, DCN...) and at prestigious sites (FIRST tower at La Défense quarter, Vélodrome Stadium, Château of Versailles...)*

*In constant grow since its foundation, the company gathers a group of 75 collaborators, essentially engineers, technicians and security experts. The company turnover is superior to 14 million €. The ambitious company objective is to become the N° 1 French manufacturer in flawless electronic security and the leader in durable protection.*

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