



FENCE ELECTRIFICATION SYSTEMS

PROTECTION, DETECTION AND INTRUSION REPULSION WITH PHYSICAL BARRIERS

The fence electrification systems include an energizer, or CPU, to electrify fence wires stretched between two poles.

It is also used to trigger alarms via on/off contact switches.

The system can be installed on existing fences and on any standard fence. Any attempt to cut the fence or pass over it will be detected, and a high voltage discharge can be triggered to repel intruders.

WHY THIS TECHNOLOGY ?

- **Deterrent effect** due to the fear of being electrified
- **Very high security level:** deterrence, anti-intrusion, detection and repellency functions
- **Very low rate of false alarms**

OPERATING MODE *SORHEA*

WHY SORHEA'S TECHNOLOGY?

- **APAVE certified systems** (France and Belgium)
- **We can now electrify** existing fences by adding taught wires
- **Detection function** added to repulsion

WHY OUR SOLUTION?

- **4 FUNCTIONS IN 1 SYSTEM:** deterring, protecting (anti-intrusion), detecting and repulsing

- **SAVING TIME AND MONEY:** little civil engineering needed as it may be installed directly on any type of fence in the restricted site.

- **RELIABLE DETECTION:** very low rate of false alarms

- **VERY HIGH SECURITY DETECTION:** standard intrusion detection with 2 wires or very high security detection with 1 wire

SORHEA ELECTRIFICATION SYSTEMS

SORHEA'S fence electrification systems are based on 2 unique and exclusive solutions.

- **FX technology:** a meshed-wire system that detects and limits the opening of gaps in the fence
- **360 technology,** with 360° heads and single wire detection.

Both systems use a 360° head at the top (e.g. on the outrigger).

Our electrification systems are offset by 12 cm from the fence and are thus totally safe for people walking alongside.

We also have a low voltage option with intrusion detection only (no repulsion function).



Our electrification systems are patented and are in compliance with the following regulations and standards:

- decree 96 216 of March 14, 1996
- standard NF EN 60 335-2-76

Our systems are APAVE certified and are approved by the Belgium Home Office



SILUR 360



SILUR FX

APPLICATION EXAMPLES



WASTE RECYCLING SITE



VEHICLE STORAGE SITE



1, rue du Dauphiné - CS 90323 - 69517 Vaulx-en-Velin Cedex - FRANCE



+33 (0)4 78 03 06 10 |



+33 (0)4 78 68 24 61 |



export@sorhea.com |

www.sorhea.com