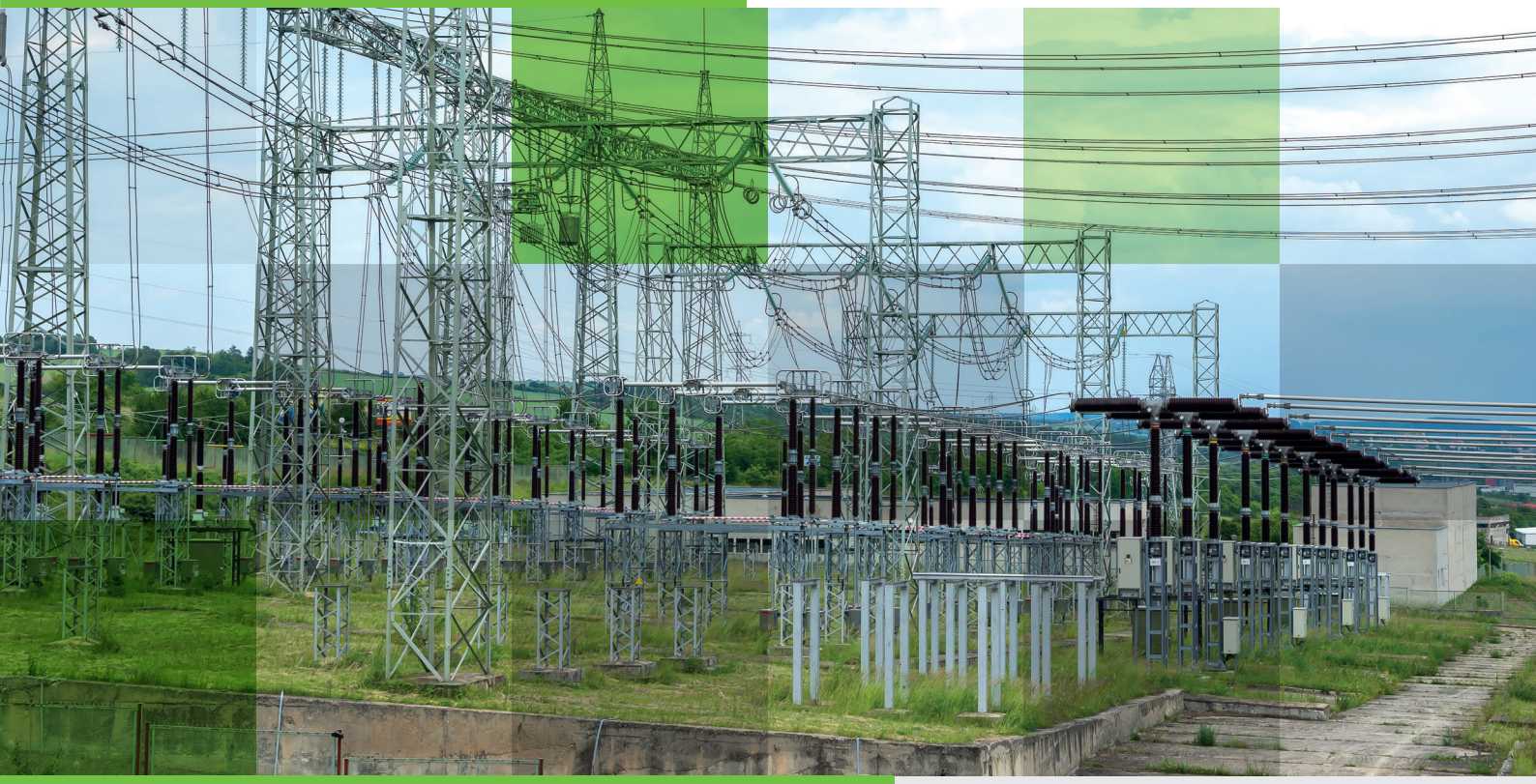
SORHEA

SHOCK DETECTION CABLES



G-FENCE 600 & 600Z

FENCE-MOUNTED SHOCK DETECTION SYSTEM
SIMPLE & ADAPTABLE

PERFORMANCE FEATURES

- **Simplified installation**
- Adjustable solution suited **to all types of support**
- **Accurate localisation to 3 m**
- **Remote configuration and maintenance**
- **Configurable zoning** with G-FENCE 600Z
- **MAXIBUS Universal compatible via MI8 module:** integration with VMS

G-FENCE 600 & 600Z

FENCE-MOUNTED SHOCK DETECTION SYSTEM
SIMPLE & ADAPTABLE

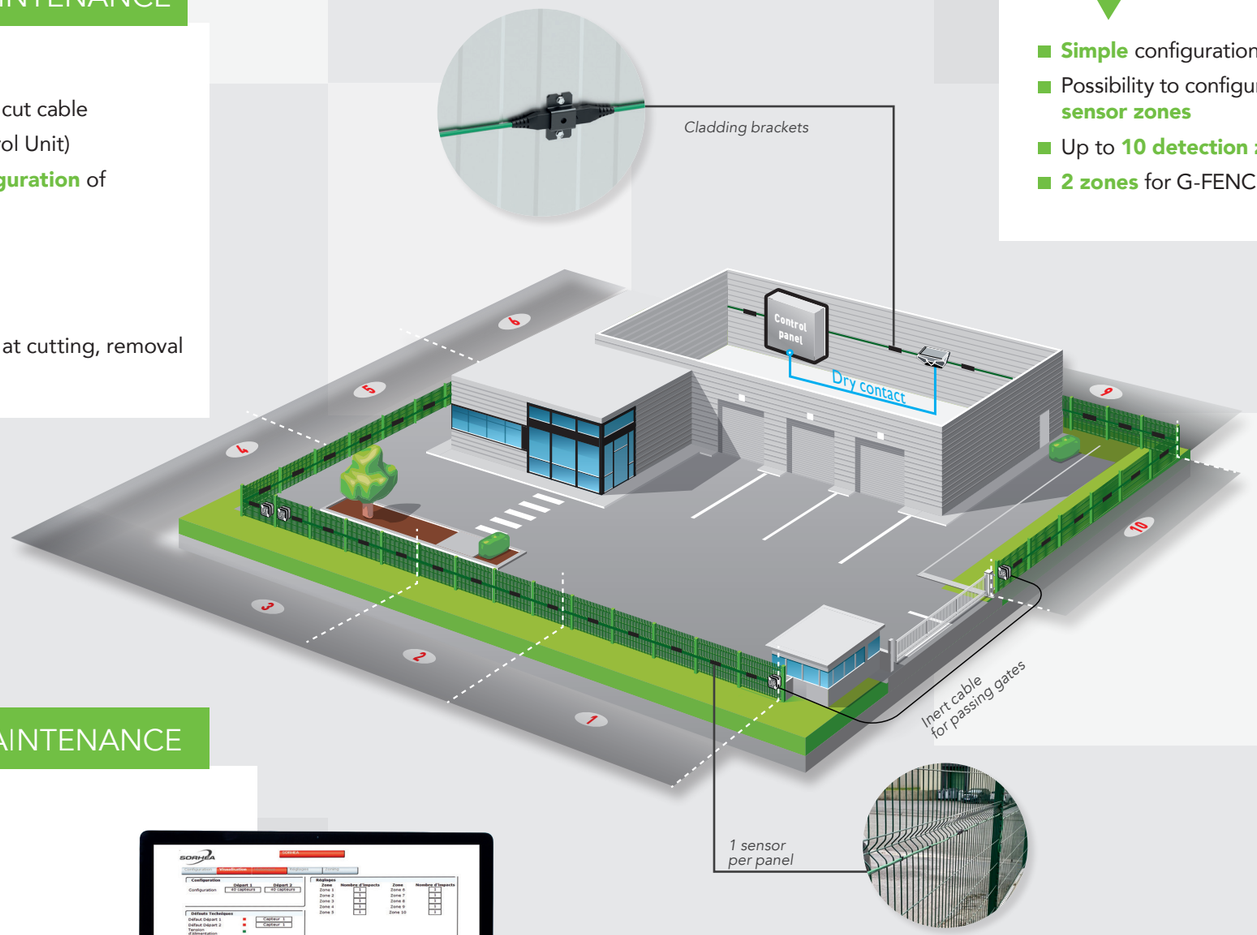
SHOCK DETECTION CABLES

SIMPLIFIED INSTALLATION AND MAINTENANCE

- **Cable highly resistant** to bending and traction
- **Standard cable:** quick and simple repair in case of a cut cable
- **Quick and easy** installation (cable, sensor and Control Unit)
- **LED integrated to the sensor: user-friendly configuration** of sensitivity and maintenance (defect localisation)
- Localisation of **cable cutting to 3 m**

Suited to all types of support...

- Installation **inside** or **outside** possible
- **Warehouse cladding application:** detects attempts at cutting, removal or perforation of cladding panels



CONFIGURABLE **ZONING** (G-FENCE 600Z)

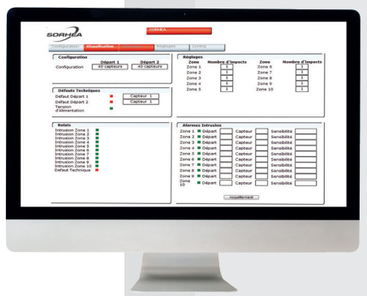
- **Simple** configuration **tool**
- Possibility to configure **one sensor or multiple sensor zones**
- Up to **10 detection zones** for G-FENCE 600Z
- **2 zones** for G-FENCE 600

SYSTEM DESCRIPTION

- **Up to 600 m** of protection per system
- **Up to 200 m of inert cable** can be added per section
- **Highly insensitive to weather conditions:** heavy rain, fog, wind
- **Resistant to electromagnetic environments**
- 2 models in the range:
  - Version 600: **4 alarm contacts and 2 configurable** zones
  - Version 600Z: **12 alarm contacts and 10 configurable zones**

REMOTE CONFIGURATION AND MAINTENANCE

- **Embedded web server**
- **Broad range** of cable sensitivity settings
- **Multiple system configuration:**
  - Number of impacts
  - Sensitivity settings
- **Time and history log:** localisation of triggered sensor
- **Real-time visualisation** of system status
- **Accurate localisation** to each fence pannel



OPTIONAL **REINFORCED CABLE**

- **Cable protected in protective tube** for installations on concertina / barbed wire

MAXIBUS UNIVERSAL COMPATIBLE

ALARM **MANAGEMENT...**

- **Centralisation of all system alarms** to a single point
- **Remote access to products:** configuration and maintenance
- **Embedded** web server
- **Time and history log** of alarm events

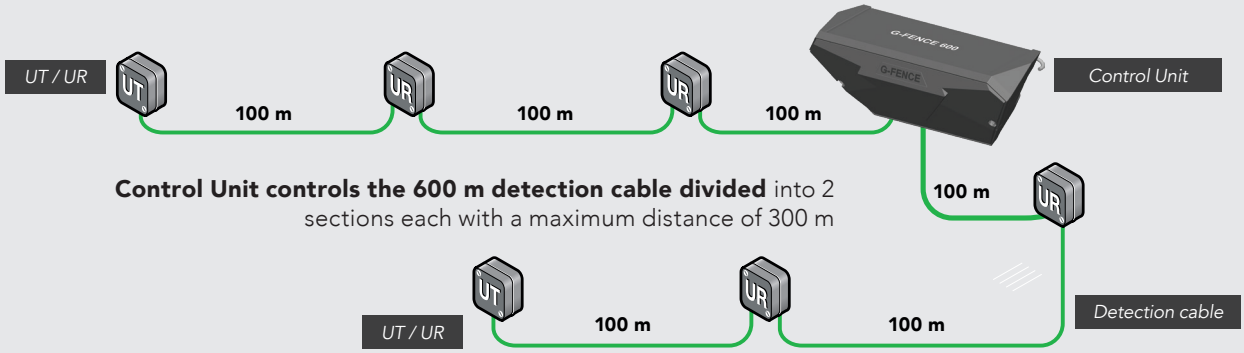
...DESIGNED FOR SIMPLIFIED INTEGRATION ON ALL YOUR SITES

- **Integration with VMS**
- **Easy integration:** API available
- **Secure** data transmission: **802.1x,** TLS, etc.
- **Various** alarm transmission **protocols:** ModBus, API
- **Dry contact** outputs

G-FENCE 600 & 600Z

FENCE-MOUNTED SHOCK DETECTION SYSTEM
SIMPLE & ADAPTABLE

SHOCK DETECTION CABLES



Control Unit controls the 600 m detection cable divided into 2 sections each with a maximum distance of 300 m

SYSTEM
G-FENCE 600 Control Unit – 4 alarm outputs – Outdoor / Indoor installation
G-FENCE 600Z Control Unit –12 alarm outputs – Outdoor / Indoor installation
Roll of 100 m G-FENCE 600 detection cable, including 40 sensors
UR / UT G-FENCE 600
Plastic or metal tie wraps available
Power / charger 110/230 V AC 50 / 60 Hz 13.6 V DC / 2.2 A
12 V DC battery 1.2 A / H for supply

TECHNICAL CHARACTERISTICS

	G-FENCE 600 & 600Z			
Power Supply	12 Vdc			
Alarm information	G-FENCE 600 (4 alarm contacts)	Control Unit (UG)	Detection zone	System
		Tamper	1 intrusion per detection zone (2 in total)	Perimeter defect (cut cable)
	G-FENCE 600Z (12 alarm contacts)	Tamper	1 intrusion per detection zone (10 in total)	Perimeter defect (cut cable)
Maximum length of detection cable	100 m (40 sensors)			
Maximum protection per UG	600 m			
Operating temperature	-40 °C to +70 °C			
Electromagnetic compatibility	Compliant with European standards (CE label)			
Installation recommendations	1 sensor per panel – up to total of 200 m of inert cable (per section of detection cable)			
Configuration	Automatic calibration – Sensitivity setting per sensor or per section Number of impacts per zone setting			
Remote maintenance	Embedded web server			

	8-INPUT REMOTE MODULE
Alarm information	8 dry inputs + Tamper
Alarm transmission	Either by dynamic mesh radio network to radio coordinator Or by wired network RS 485
Radio frequency	Frequency band 868 MHz, 19 selectable channels, LoRa modulation
Data encryption	AES 128 bits
Power supply	Range 4 V DC – 26 V DC (consumption 10 mw at 4 V DC)
Operating temperature	-40 °C to +70 °C
Electromagnetic compatibility	Compliant with European standards (CE label)
Local wireless configuration via smartphone applications	Applications available for all smartphones: GET IT ON Google Play Available on the App Store

SORHEA
1, rue du Dauphiné - CS 90323 - 69517 Vaulx-en-Velin Cedex - FRANCE
+33 (0)4 78 03 06 10 I +33 (0)4 78 68 24 61 I export@sorhea.com I **www.sorhea.com**