**ACCELEROMETER-BASED TECHNOLOGY**
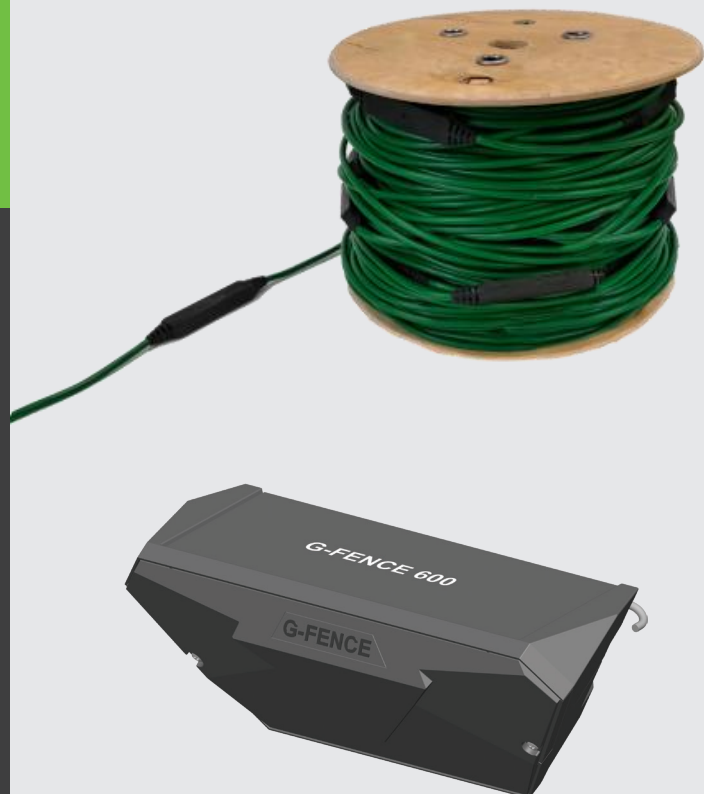
*ProTech*
by **H** HIRSCH

# G-FENCE
# 600 & 600Z

FENCE-MOUNTED INTRUSION DETECTION SYSTEM
SIMPLE & ADAPTABLE

## PERFORMANCE
### FEATURES

- **Simplified installation**

- Adjustable solution suited **to all types of support**

- **Accurate localization to 10 ft**

- **Remote configuration and maintenance**

- **Configurable zoning** with G-FENCE 600Z

- **MAXIBUS Universal compatible via Connect module:** integration with VMS

# G-FENCE 600 & 600Z

FENCE-MOUNTED INTRUSION DETECTION SYSTEM
SIMPLE & ADAPTABLE

ACCELEROMETER-BASED TECHNOLOGY

**ProTech** by **H** HIRSCH
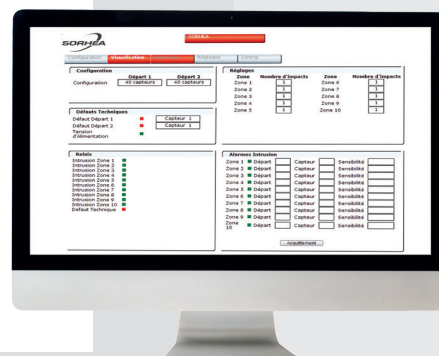
## SIMPLIFIED INSTALLATION AND MAINTENANCE

- **Durable cable resistant to bending and pulling** - 40 sensors per cable roll
- **Copper wire** - easy to splice and repair in case of a cut cable
- **Quick and easy installation** - cable, control unit, link/termination units
- **Addressable sensors** - user friendly configuration through web browser of sensor sensitivity and number of impacts
- **Localization of intrusion and cable-cut to 10 ft** (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

*siding brac*ket

*Optional wall and siding mounting*

Control panel

Dry contact

*Gate Connector available*

Inert cable for passing gates

1 sensor per panel

## CONFIGURABLE ZONING (G-FENCE 600Z)

- **Simple** configuration **tool**
- Possibility to configure **one zone per sensor** and up to **10 detection zones** per control unit 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**
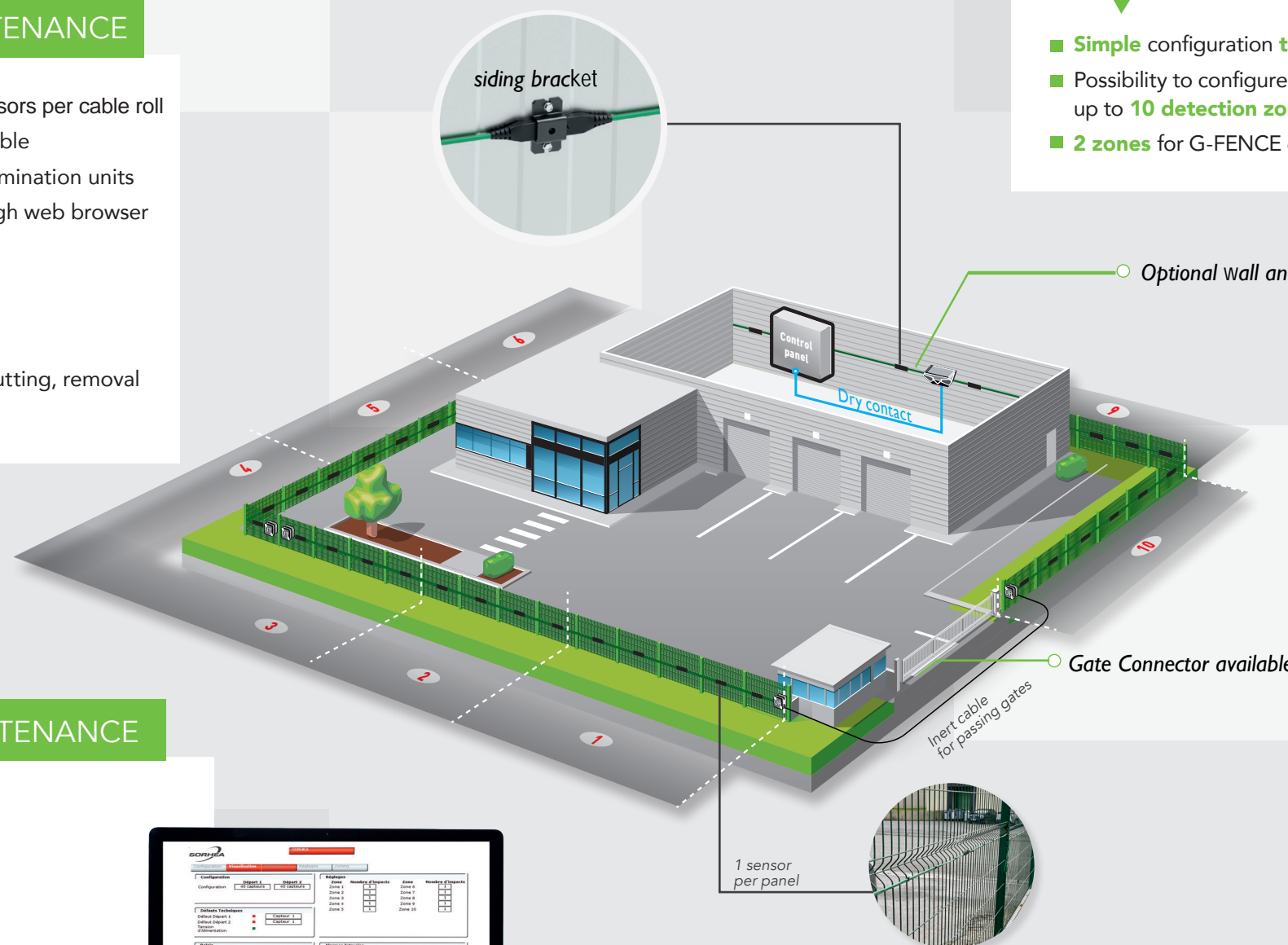
## REMOTE CONFIGURATION AND MAINTENANCE

- **No software required:** embedded web server
- **Simple** and **intuitive** web interface
- **Broad range** of cable sensitivity settings
- **Multiple system adjustments:**
  - Number of impacts - by zone
  - Sensitivity settings - by sensor
- **Time and history log:** localization of triggered sensor
- **Real-time visualization** of system status
- **Accurate localization** to each fence pannel

## OPTIONAL REINFORCED CABLE

- **Cable protected in an outer jacket** for installations on concertina / barbed wire

## MAXIBUS UNIVERSAL COMPATIBLE

### ALARM MANAGEMENT…

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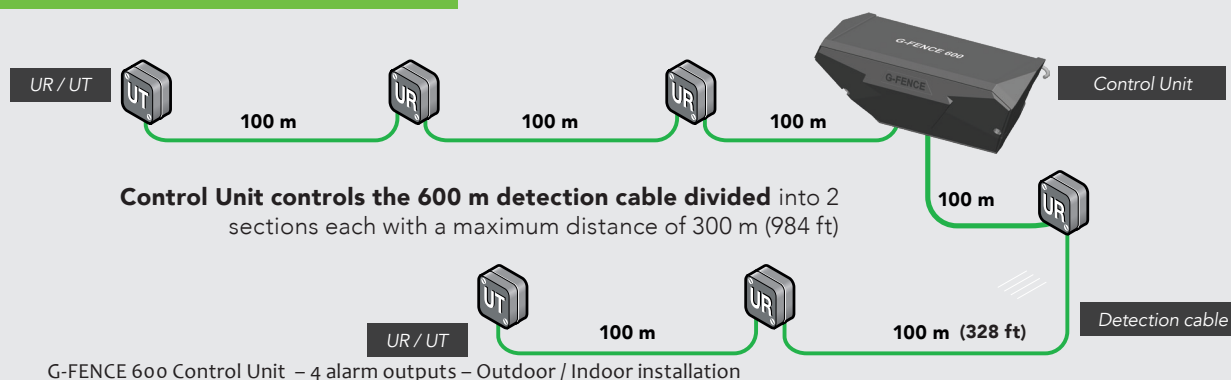- **Embedded** web server
- **Time and history log** of alarm events

### …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

## ACCELEROMETER-BASED TECHNOLOGY

UR / UT

UT — 100 m — UR — 100 m — UR — 100 m — Control Unit

**Control Unit controls the 600 m detection cable divided** into 2 sections each with a maximum distance of 300 m (984 ft)

100 m — UR

UR / UT

UT — 100 m — UR — 100 m (328 ft) — Detection cable

G-FENCE 600 Control Unit – 4 alarm outputs – Outdoor / Indoor installation

## 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 400ft. (120 m) G-FENCE 600 detection cable, including 40 sensors |
| UR / UT G-FENCE 600 |
| Plastic or metal tie wraps available |
| Wall fixing kit (packet of 40 brackets) |
| Gate Connector |

## TECHNICAL CHARACTERISTICS

| | G-FENCE 600 & 600Z | | |
|---|---|---|---|
| **Power Supply** | 12 Vdc | | |
| **Alarm information** | | Control Unit (UG) | Detection zone | System |
| | G-FENCE 600 (4 alarm contacts) | 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** | 400 ft. (40 sensors) (120 m) | | |
| **Maximum protection per UG** | up to 2400 linear feet (720 m) - based on individual panel length | | |
| **Operating temperature** | -40 °F to +158 °F | | |
| **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 CONNECT 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 915 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 °F to +158 °F |
| **Electromagnetic compatibility** | FCC and 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 |

**Protech**