ACCELEROMETER-BASED TECHNOLOGY

G-FENCE 3000

FENCE-MOUNTED INTRUSION DETECTION SYSTEM
AUTONOMOUS

PERFORMANCE
FEATURES

- **Simplified installation and maintenance**

- **Reliable solution:** multiple settings available for adaptability

- **Accurate localization to 10 ft.**

- **Alarm zones configuration** (up to 128 zones)

- **MAXIBUS Universal compatible:** integration with VMS

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Protech by 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
- **Localization of intrusion and cable-cut to 10 ft** (3 m)
- **LED integrated** with the sensor: **user-friendly configuration** of sensitivity and maintenance (defect localization)

CONFIGURABLE ZONING

- **Simple configuration tool**
- Possibility to configure **one sensor or multiple sensor zones**
- **Creation of detection zones:** up to 128 zones

ADJUSTABLE SOLUTION

- **Broad range** of cable sensitivity settings
- Multiple system configurations:
  - **Number of impacts** per sensor
  - **Number of sensors** (detection on 2 or 3 adjacent sensors)
  - **Sensitivity settings** per sensor

SYSTEM DESCRIPTION

- **Solar energy power:** integrated solar panel (or optional 12 V DC)
- **Up to 2 months autonomy** in total darkness low battery alarm
- **Up to 200 m of protection** per CU
- **2 auxiliary inputs** per control unit for external alarms
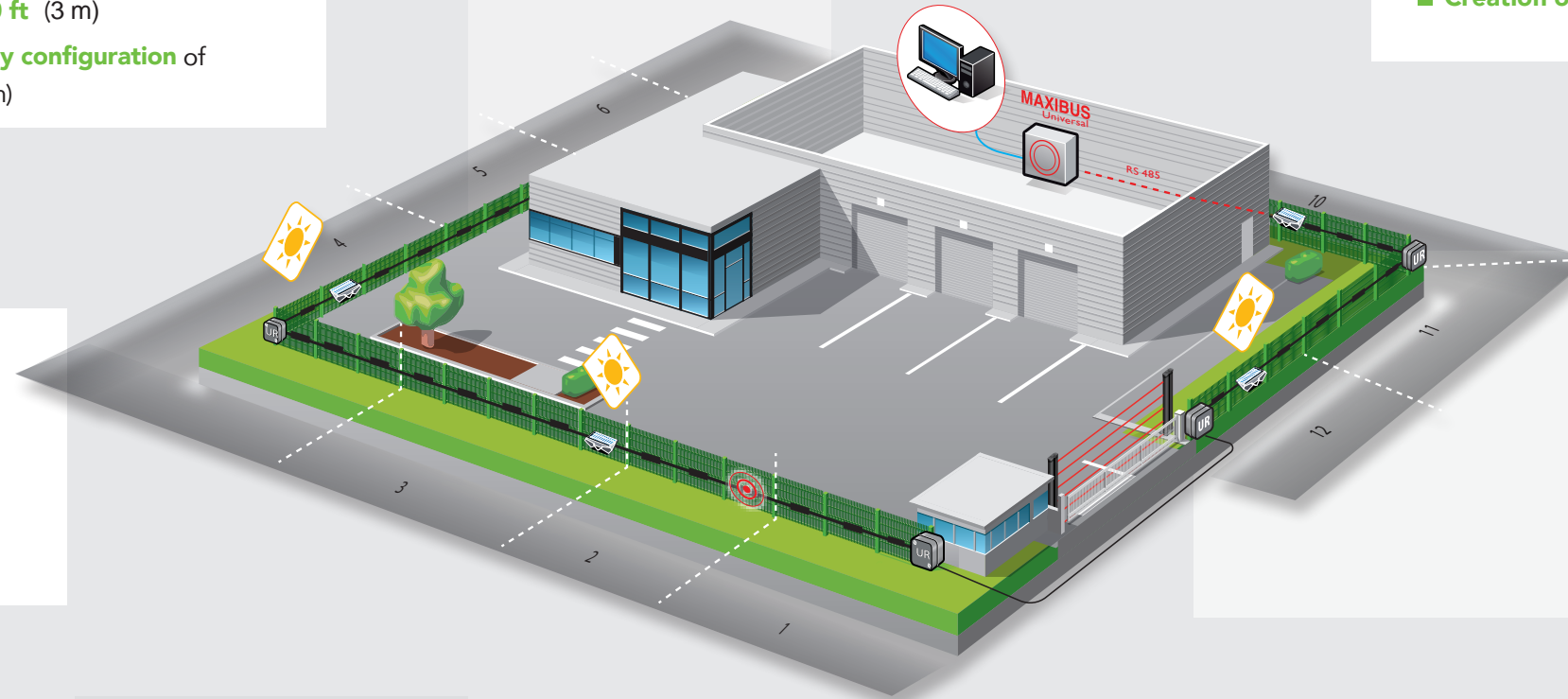- **Highly insensitive to weather conditions:** heavy rain, fog, wind

MAXIBUS Universal

RS-485

INTRUDER LOCALIZATION

- **Cable with integrated sensor:** analysis all along the protected perimeter
- **Accurate localization to each fence panel**
- Up to **3200 m of protection** per communication port
- **4 x 3200 m of protection** per system for maximum protection

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

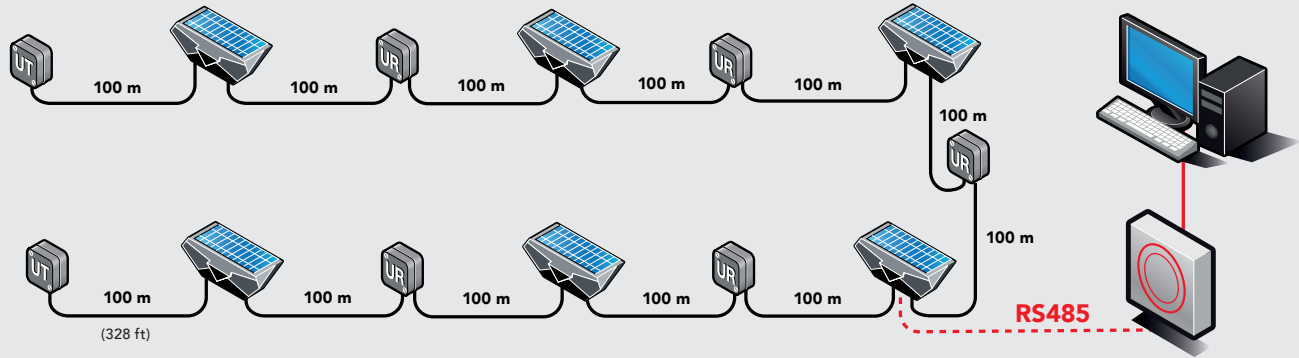### ...DESIGNED FOR SIMPLIFIED INTEGRATION ON ALL YOUR SITES

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

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SYSTEM
G-FENCE 3000 Control Unit
Roll of 400ft. (120 m) G-FENCE 3000 detection cable, including 40 sensors
UR / UT G-FENCE 3000
Plastic or metal tie wraps available (pack of 1000)
MAXIBUS Universal - 2 or 4 com port with 8 relay outputs available with the option of adding up to 16 extension cards
8 relay extension card kit
Gate Connector

TECHNICAL CHARACTERISTICS

	G-FENCE 3000		
Power supply	Solar panel and battery in each Control Unit (UG) Or optional 12 V DC		
	Control Unit (UG)	Detection zone	System
Alarm information	• Tamper • Low battery • AUX.1 input • AUX.2 input	1 intrusion per detection zone	• Perimeter defect (cut cable) • Communication defect (cut Bus)
Maximum length of detection cable	400 ft. (40 sensors) (120 m)		
Maximum protection per UG	656 ft. (200 m)		
Maximum length of system per MAXIBUS Universal	8 miles (12.8 km) - 4 MAXIBUS com ports x 2 miles (3200 m)		
Operating temperature	-40 °F to +158 °F		
Electromagnetic compatibility	Compliant with European standards (CE label)		
Installation recommendations	1 sensor per panel		
Configuration	Automatic calibration Sensitivity setting per zone Number of impacts setting Number of adjacent detector sensors setting		

	MAXIBUS UNIVERSAL HUB
Configuration tools	Embedded web server
Alarm outputs	8 to 136 dry contacts, Modbus TCP, Modbus RTU, API
4 communication ports	can handle 8 miles (12.8 km) simultaneously - 4 MAXIBUS com ports x 2 miles (3200 m)
Power supply	12 V DC
Operating temperature	32 °F to +131 °F
Security	Compatible networks 802.1X & TLS

Protech