

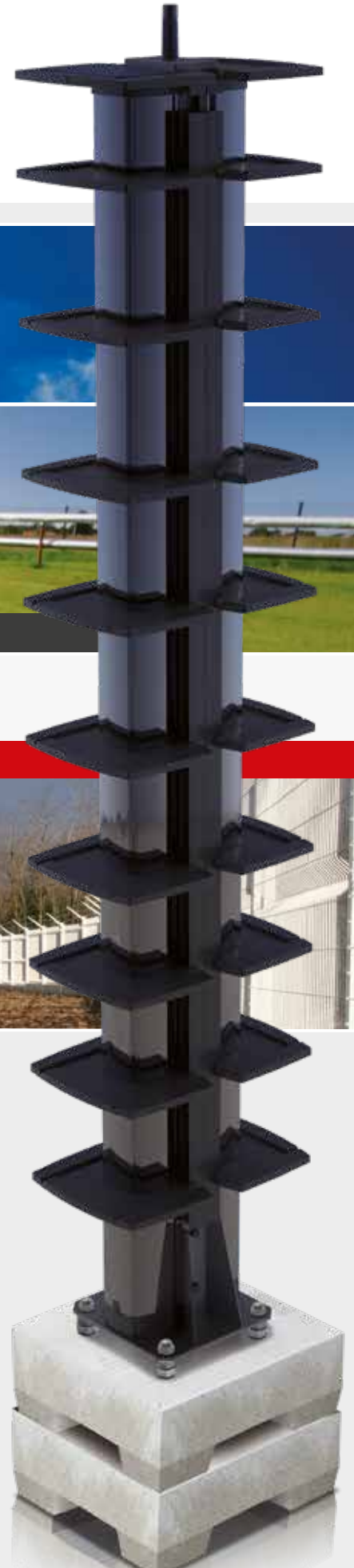


100m outdoor range

Perimeter Detection Systems

SOLARIS

Long Range Wireless Active Infrared Barrier



Maxibus Universal



wireless



Solar Energy



IR multiplexed



infrared technology



SOLARIS

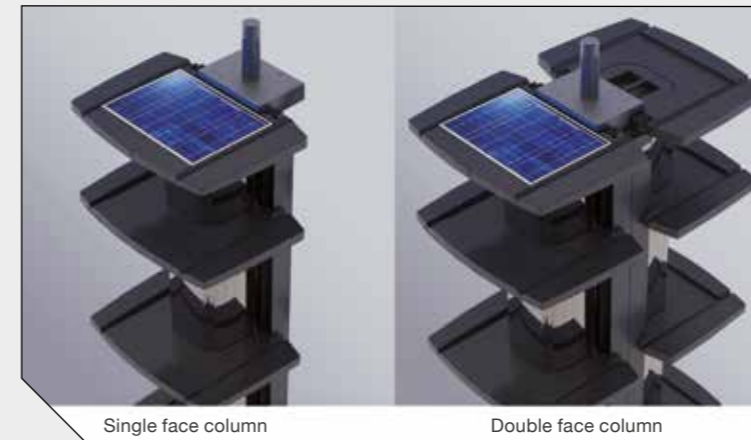
SolarEnergy

DRN (DynamicRadioNetwork)

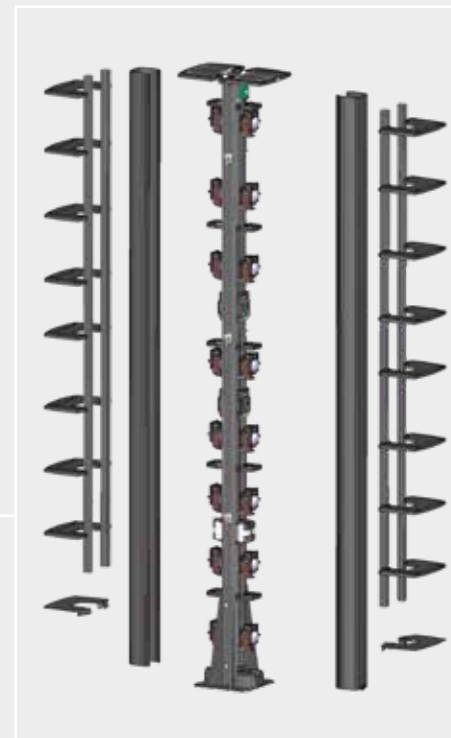
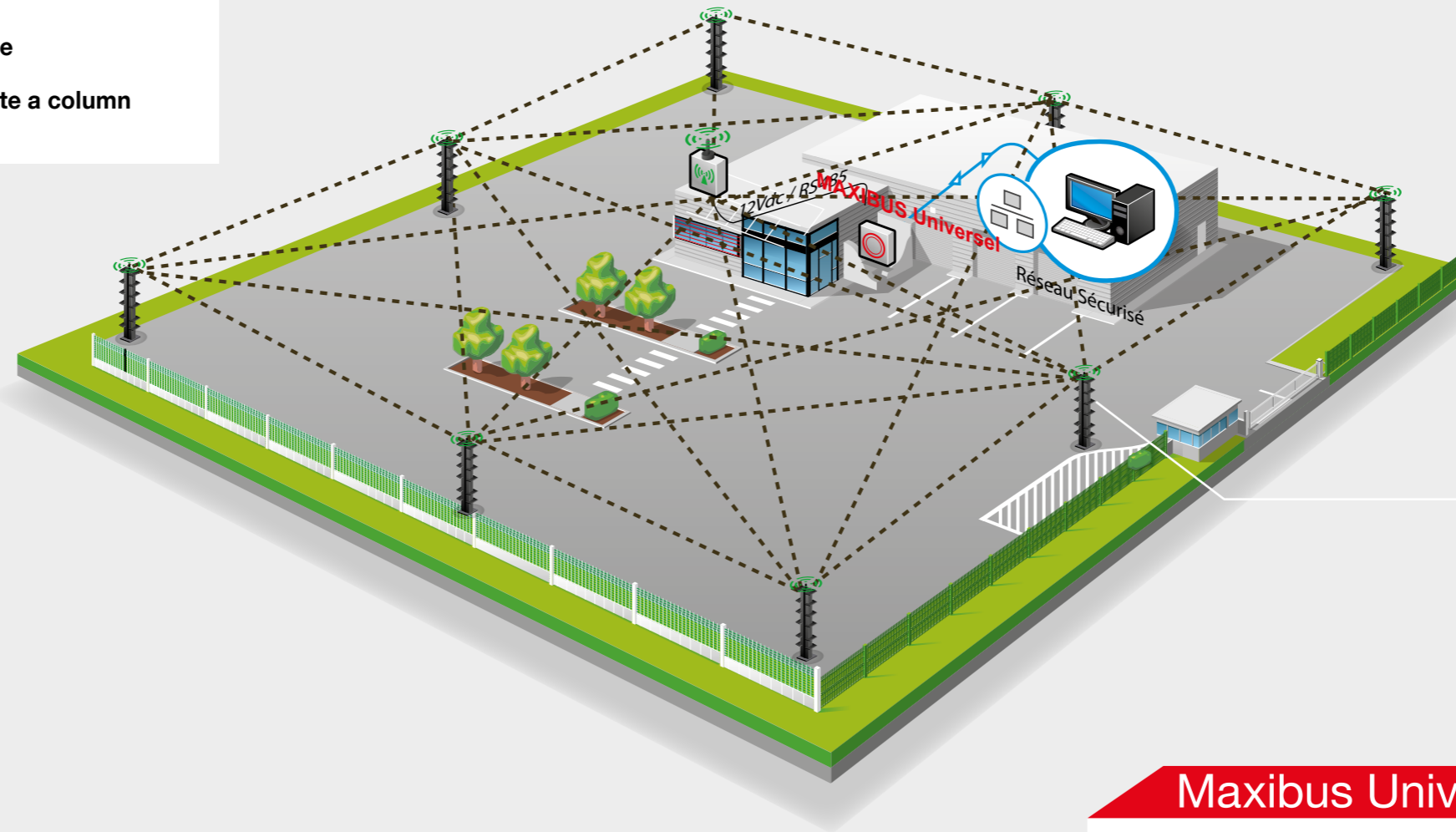
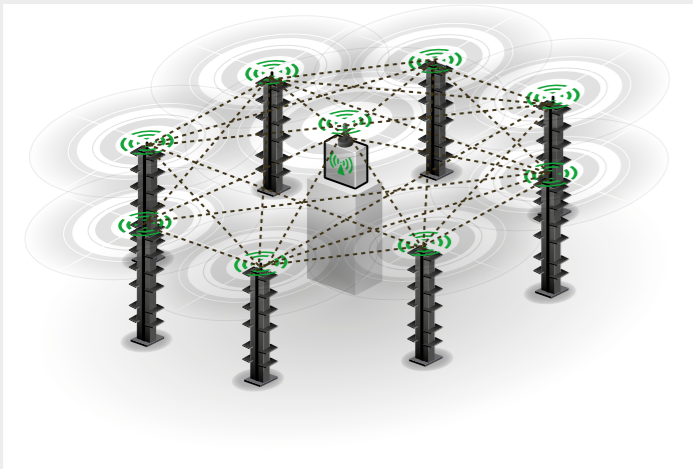
A dynamic network

Thanks to a proprietary communication protocol, all infrared columns form a **secure mesh network**.

- **Redundancy of information** : no loss of alarm information
- **Integrity and security of the site** : permanent control of the presence of each column
- **Coded radio protocol** : immunity to interference
- **Unique alarm messages** : impossible to simulate a column



- **Auto-protected solar panel**
- **Integrated anti-climbing cap**
- **Mounting of solar panels with no specific positioning required**
- **Transportable solar panel** for columns shielded from the sun
- **2 months autonomous** without sun



Special Design

Anti-condensation and anti-ice caps:

These caps prevent the presence of condensation and ice on the infrared cover allowing for correct functioning in all weathers up to 100m range.

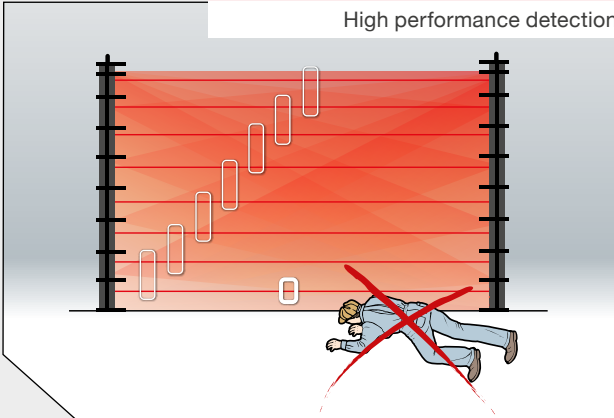
Maxibus Universal : Technologie IP

The MAXIBUS UNIVERSAL is equipped with an **Ethernet connection**. A secure Linux operating system makes the interface faster and more user-friendly. Each system can be configured locally or remotely thanks to its web server.

- **4 communication ports** : can handle 4 radio networks at the same time, or up to **96 SOLARIS columns** (4 x 24 columns)
- **Compatible with Milestone & Genetec VMS**

High Performance Detection

High performance detection of SOLARIS columns



The detection performance of the SOLARIS columns are identical to SORHEA's top of the range columns. Their features allow for the creation of a virtual detection wall that is invisible and impenetrable.

- **Response time of intrusion alarm: 40 ms**
- **10 cells for 3 meters high: beams are multiplexed and optically synchronized beams**
- **Adjacent Dual Detection**
- **Triggering modes: parallel beam detection, independent mono beam detection of the bottom beam**



Columns 3m
Columns 2,5m

SOLARIS COLUMNS

Maximum outdoor range	100 m			
Columns heights and types	1 m	2 m	2,5 m	3 m
Cells	Simple and double face			
Selectable channels	3 to 10 (6 to 20 beams)			
Alarm information	4			
Alarm transmission	Intrusion / disqualification / Tamper / anti-climbing cap / low battery / radio loss			
Radio frequency	Mesh dynamic radio network to radio coordinator			
Data encryption	869.725MHz – 869.975MHz (5 channels with 50KHz width) US version : 915.000MHz - 915.250MHz (6 channels with 50KHz width)			
Alimentation	AES 256 bits			
Alignment tools	Solar panel and battery in each column			
Operating temperature	Visual and audio signals in all the columns			
Electromagnetic compatibility	From -35°C to +70°C			
Certification	Compliance with European standards (label CE)			

RADIO COORDINATOR

Alarm transmission	RS485 compatible with MAXIBUS Universal
Configuration tools	Integrated HTML server in MAXIBUS Universal hub
Power supply	12VDC (40mA)
Operating temperature	From -35°C to +70°C



Columns 2m
Columns 1m



Seal of the retailer



In order to continuously ensure the high standard of quality and performance of our products, we reserve the right to modify the present technical data without notification.

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