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Perimeter Intrusion Detection Systems
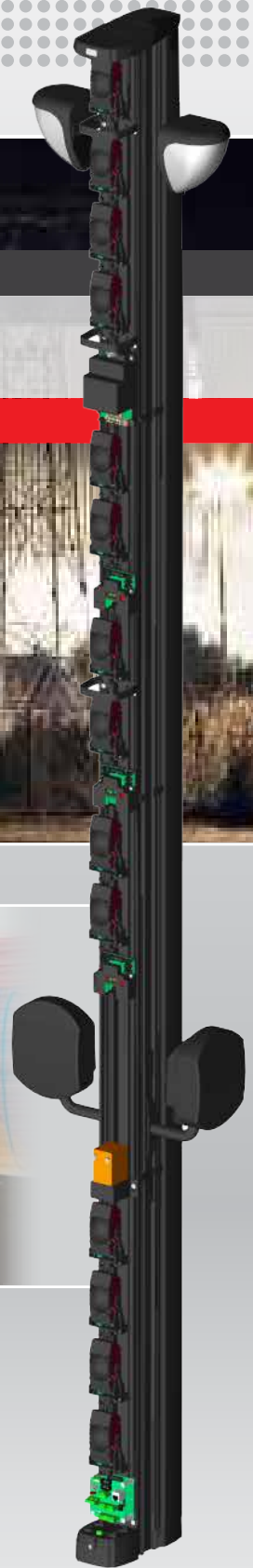
APIRIS 3100

Triple Technology Barrier

Maxibus 3000

1 2 3 Zoning

PIR IR Triple Tech

Very High Performance barrier

- **Triple Technology:** Active infrared, PIR sensor (Passive Infrared), Microwave

- **ZONING function** integrated

- **IP technology** for remote set up and maintenance

infrared range

- **3 technologies for reliable detection:**
  - **- Infrared beams multiplexed by wired synchronisation**
  - **- Microwave Barrier for all-weather operation**
  - **- PIR sensor (passive infrared) for detection at bottom of the columns**

- **Setting of the detection zones (limited to the upper barrier zone and PIR use)**

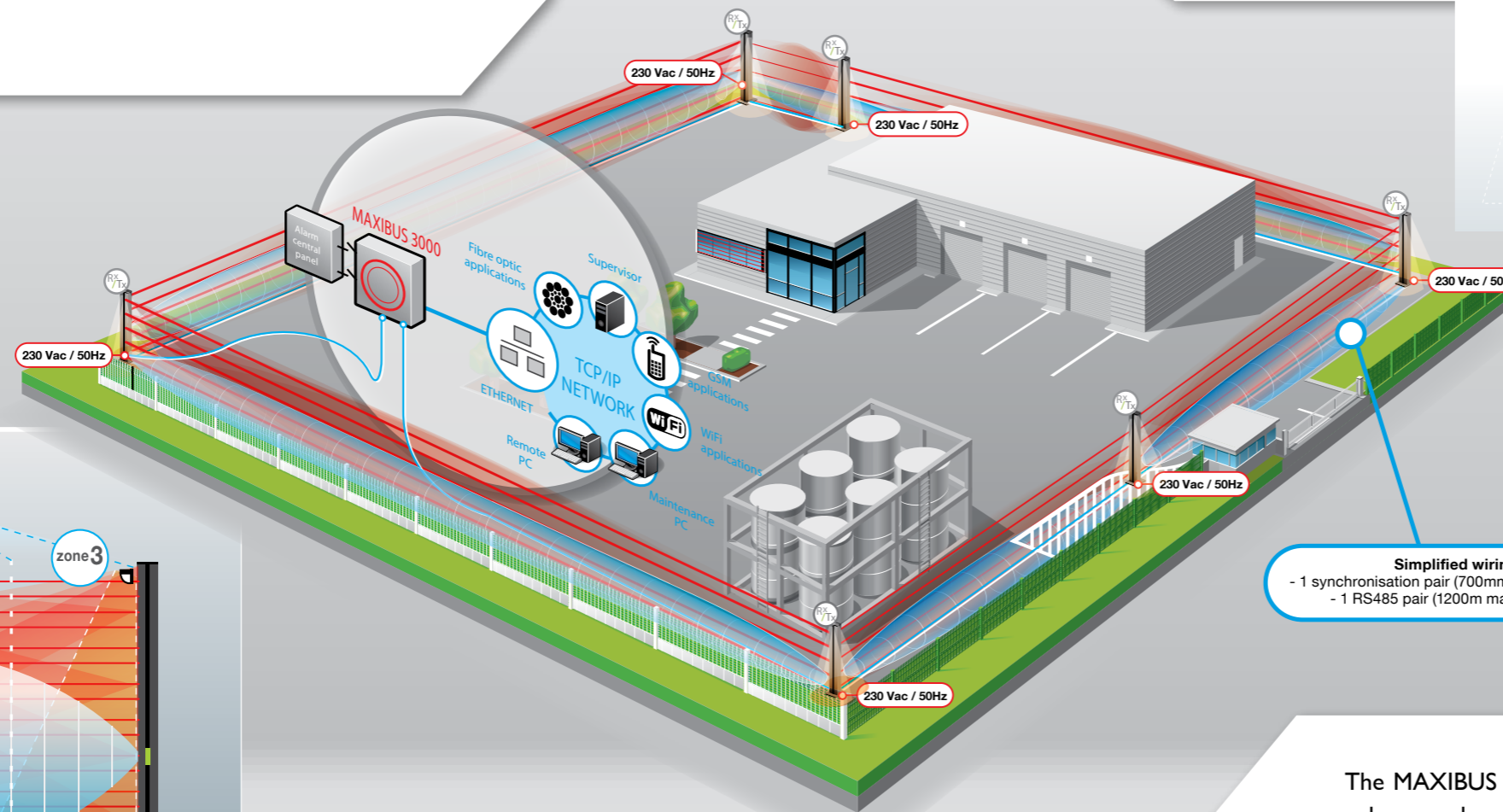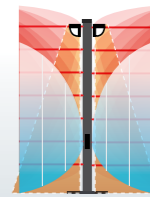- **Detection modes set by zone ("AND"/"OR" modes per technology)**

- **Simple or double face column**

- **Up to 10 cells per 3m column (28 beams in Single Direction and 56 beams in Double Direction)**

- **Multiple detection mode: Single, Dual or Triple detection**
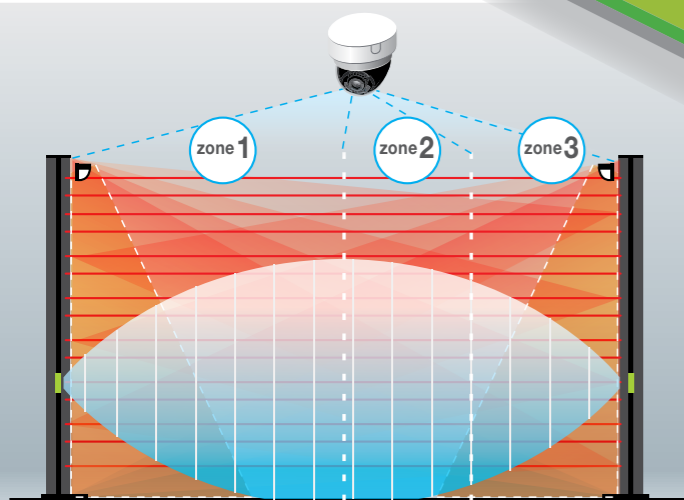
- **3 column heights available: 2m, 2.5m and 3m**

Apiris 3100
SF / SD

Apiris 3100
DF / DD

230 Vac / 50Hz

230 Vac / 50Hz

230 Vac / 50Hz

230 Vac / 50Hz

230 Vac / 50Hz

230 Vac / 50Hz

MAXIBUS 3000

Alarm central panel

Fibre optic applications

Supervisor

TCP/IP NETWORK

ETHERNET

GSM applications

WiFi applications

Remote PC

Maintenance PC

Simplified wiring
- 1 synchronisation pair (700mm max per barrier)
- 1 RS485 pair (1200m max per start)

zone 1   zone 2   zone 3

- **3 technologies integrated with 1 single operating interface (1 general alarm)**

- **ZONING function**

- **Independent management of beam**

- **Integrated anti-climbing cap**

The MAXIBUS 3000 hub has an Ethernet connection. Each APIRIS 3100 column can be set up locally or remotely thanks to the integrated web server.
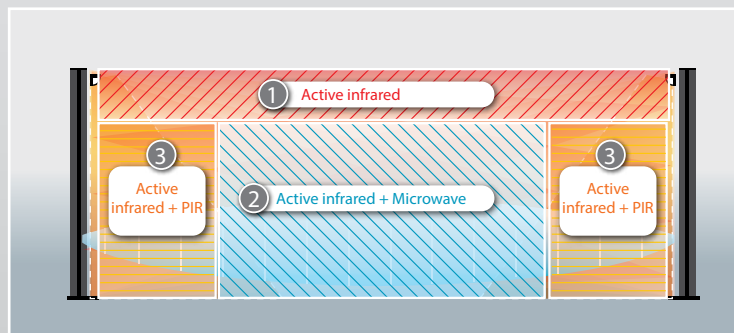
- **Remote maintenance and set up**

- **Alarm log history**

- **Graphical view of the columns on site (mapping option)**

- **Active IR and Microwave technologies configuration**

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APIRIS 3100

Maximum outdoor range	100 m		
Height of the columns	2 m	2.5 m	3 m
Alarm outputs	COLUMN: RS 485 compatible MAXIBUS 3000 - 2 dry contacts MAXIBUS 3000: - Ethernet (RJ45 in each column) compatible ModBus TCP server/client - Dry contact outputs: from 8 to 136 relays maximum per hub		
Power supply	110 Vac/230 Vac - 60 Hz/50Hz		
Alignment tools	Buzzer and leds inside each column		
Operating temperatures	from -35°C (-31°F) to +70°C (+158°F) - Thermostat heater in each column		
Electromagnetic compatibility	Compliant with European standards (CE approval)		
Configuration tools	• Integrated web server inside each column • Integrated web server inside the MAXIBUS 3000 hub: remote access via internet connection		
HTML server functions	• Password protection • Parameter viewing/entry • Visualization of the log history and the state of the barrier		

1 Active infrared
3 Active infrared + PIR
2 Active infrared + Microwave
3 Active infrared + PIR

Configuration example for a prison

Dealer stamp

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