



**MAGUS
FPS**

MAGUS

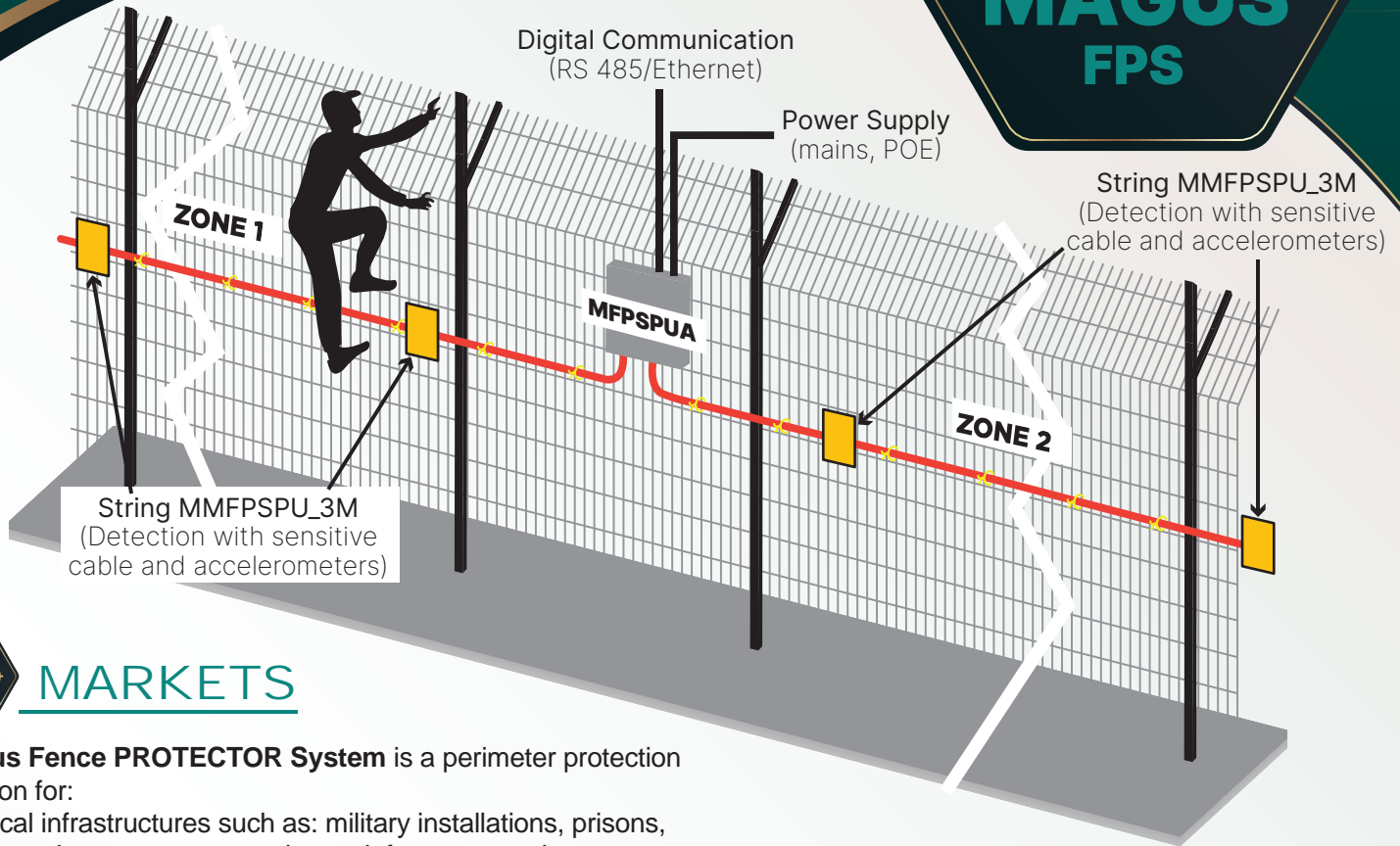
FENCE PROTECTOR SYSTEM

Magus Fence PROTECTOR System (Magus FPS) offers the best-in-class performance to handle the most challenging security scenarios. This product provides complete perimeter protection and it can operate independently as a standalone solution, or it can be integrated into a complex Perimeter Intrusion Detection System (PIDS).



HOW IT WORKS

The 'cut or climb' intrusion attempts are detected by the sensor cable. The vibrations are induced in the sensitive cables that generate signals that are detected by the Mini Magus FPS Processing Unit (detection accuracy 3 meters) MMFPSPU_3M – Mini Magus FPS Processing Unit). The MAGUS FPS Processing Unit (MFPSPUA – Magus FPS Processing Unit Analytics) analyzes the received signals and generates alarms. MFPSPUA is connected to an alarm system or to a software platform for managing physical security information - MAGUS Command Control - (MAGUS CC) (an alarm monitoring software). An intelligent detection algorithm classifies the type of alarms as a true positive alarm (cut or climb attempts) or false positive alarm (generated by wind, rain, hailstones).



MARKETS

Magus Fence PROTECTOR System is a perimeter protection solution for:

- Critical infrastructures such as: military installations, prisons, borders, airports, seaports, telecom infrastructure sites, water and electric installations, oil and gas installations, solar and wind farms;
- Industrial parks;
- Commercial and residential facilities, farms.

- Easy to install and easy to integrate with CCTV and PIDS systems, alarm panel, perimeter lighting;
- Low power consumption;
- Electromagnetic noise protection;
- Operates in severe climatic conditions.



CORE FEATURES

- High rate “true-reading” positive alarms
- Coverage perimeter: 600m per Processing Unit (300m left, and 300m right of the MFPSPUA), intrusion localization with a resolution of up to 3m;
- Remote monitor and control system status, sensitivity adjustments, alarm information;
- Anti-vandalism protection: generates an alarm in case of power supply interruption, cable-cutting or tampering with the Magus FPSPUA;
- Scalable system with multiple MMFPSPU and MFPSPUA for large perimeters;
- Stand-alone or integration with a PSIM software platform (an alarm monitoring software), featuring a user-friendly interface;



TECHNICAL

- Configuration of 1-3 zones per module, including gates;
- Four relay output module (3 for the sensitive cable, 1 for anti-tampering);
- Intelligent detection algorithm;
- Hardware adjustable sensitivity: 8 levels per zone;
- Software adjustable threshold: 100 levels per zone;
- Digital communication: RS-485 or Ethernet;
- Operating temperature range: -30°C to + 70°C;
- Ingress protection: min. IP65;
- Ignores vibrations generated by wind, rain or vehicle traffic;
- Power supply range: 10 - 48 Vcc (optional POE);
- Nominal current: 40mA/12V.