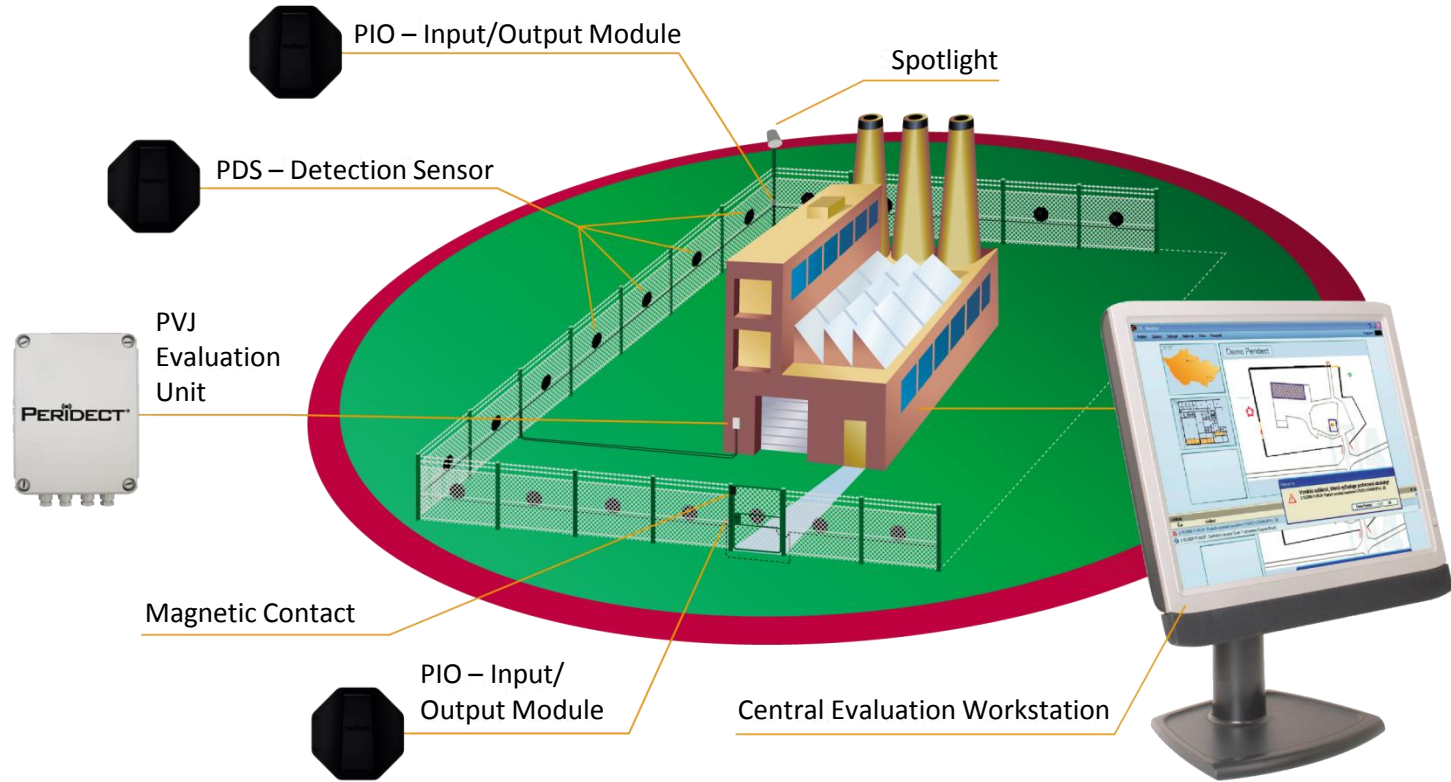
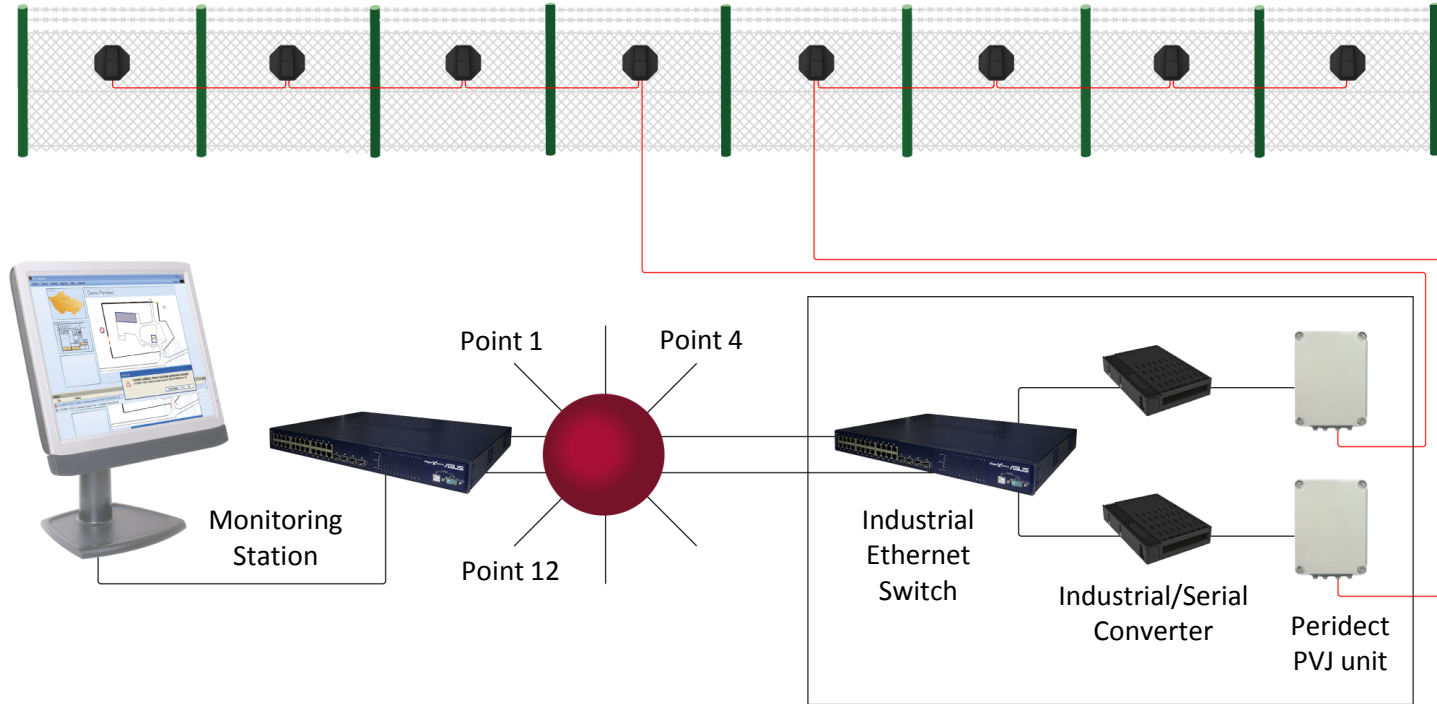


**PERIDECT<sup>®</sup>**



BLOCK DIAGRAM



## PDS - Detection Sensor

- > Piezoelectric converter
- > Very long lifetime
- > Microprocessor analysis
- > Digital communication
- > Two-wire connection
- > Independent setting up of parameters of each sensor
- > Sturdy plastic cover



## PVJ – Evaluation Unit (indoor usage)

- > Controls up to 246 detection sensors PDS
- > Controls up to 8 input/output modules PIO
- > 10 programmable outputs
- > 8 double balanced inputs
- > RS-232
- > Two-wire connection
- > Independent operation
- > Log of events
- > „PVJ Light“ max 56 detectors, no integration
- > „PVJ Light/i“ max 56 detectors with integration
- > Plastic box with cable grommets, IP 65



## PIO Input/Output module

- > Each PIO with unique address
- > To be connected anywhere along the BUS
- > Double balanced input = easy integration of security elements (contacts, detectors)
- > Open collector output with galvanic separation = easy control of devices on the line (lighting, sounder)



## PERIDECT Antivandal version

- > Stainless steel tube provides increased protection to the system against intruder/animals
- > Stainless steel cable ties
- > Improved resistance against electromagnetic distortion



## PERIDECT detection sensor versions

- > NO - normal sensitivity sensors (good quality, firm, well stretched fences – chain link, welded fences, metal plate fences)
- > SE - sensitive sensors (less quality loose fences - typically old or not well stretched chain link fence)
- > HS – high sensitive sensors
- > US – ultrasensitive for underground version





- > Detectors compatible with fence system
- > New Piezo sensors with increased sensitivity
- > New plastic cover for underground and fence installation
- > Stainless steel protective tube
- > Special underground joints
- > Span between PDS 1,5 – 3 m (standard 2 m)
- > Differential logic
- > IP68 – water resistant, sealed
- > Excavation 40x10 cm, no ground shaping required





Site  
Visualization  
Program



Direct Integration (typical for large projects)

Security Panel



Alarm Receiving Center



Integration to Standard security Panels  
(small projects)

- > Exact detection of the place of intrusion
- > Very low false alarm rate caused by weather using the unique DIFFERENTIAL LOGIC
- > Simple architecture and easy installation
- > Immediate and easy repair and maintenance
- > Independent setting up of individual detectors
- > Operating temperature range: -55 °C to +85 °C
- > Long operating life, no movable components
- > Simple integration with electronic security systems (CCTV, etc.), affordable graphic visualization program
- > Simple setting up of the system locally and remotely
- > Capability to control other devices on the detection line
- > Max. length of detection line 1.300 m
- > Detection line branching and creating circle possible



















Thank you for your attention...

**Sieza s.r.o.**

Email: [sales@sieza.com](mailto:sales@sieza.com)

Web: [www.peridect.com](http://www.peridect.com)

PERIDECT®