

SensoGuard
Every second counts



SENSOGUARD

SEISMIC SECURITY SOLUTIONS





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ABOUT US



Founded on 2012, 17 years of experience in seismic security



Headquarters Located in Israel



Installations in over 25 countries, more than 30K sensors delivered, 100's of projects



Operating in Defense, HLS and commercial security markets

OUR SENSORS



Vibration Analysis

Sensing ground vibrations, to identify Footsteps ,Vehicles and Digging activity



Underground Installation

Installed 40-50cm Below Ground Level



Circular Detection Pattern

Ball Shaped, around the sensor



Adjustable Detection Radius

Detection radius can be controlled by sensitivity adjustment



OUR SOLUTIONS

PERIMETER PROTECTION



WIRELESS PROTECTION



TACTICAL KITS





**SEISMIC SHIELD
PRO**



INVISIFENCE PLUS



**PIPELINE
PROTECTION**



SMALL SITES



SEISMIC SHIELD PRO

How It works

Seismic Shield Pro operates in a three-step process for optimized security:

- **Detection:** InvisiFence Plus seismic sensors span each 500-meter module, detecting potential intrusions. These signals are sent directly to the command and control software.
- **Camera Activation:** Upon detection, the control software maneuvers the IDIS 8MP PTZ camera to visually confirm the intrusion area.
- **Threat Verification:** The integrated AI analytics assess the visual data, checking if the detected movement matches predefined threat criteria like humans, vehicles, or bicycles.
- **Response:** When a validated threat is detected, the control software initiates real-time tracking through the PTZ camera, allowing the operator to manage the situation effectively.

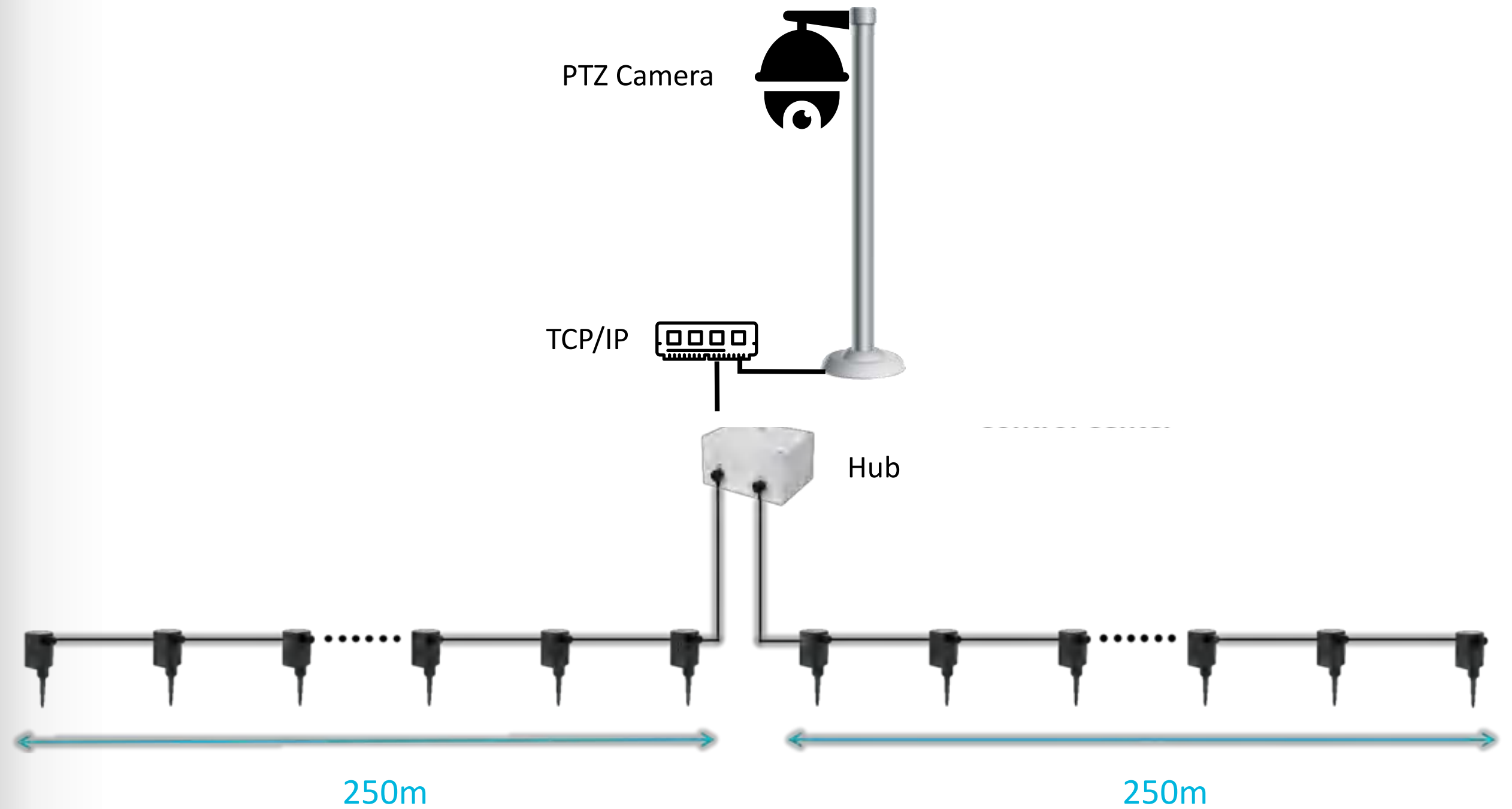
Through these steps, Seismic Shield Pro offers precise detection, automated validation, and real-time tracking—streamlining the operator's role while maximizing security.





SEISMIC SHIELD PRO

500m Section

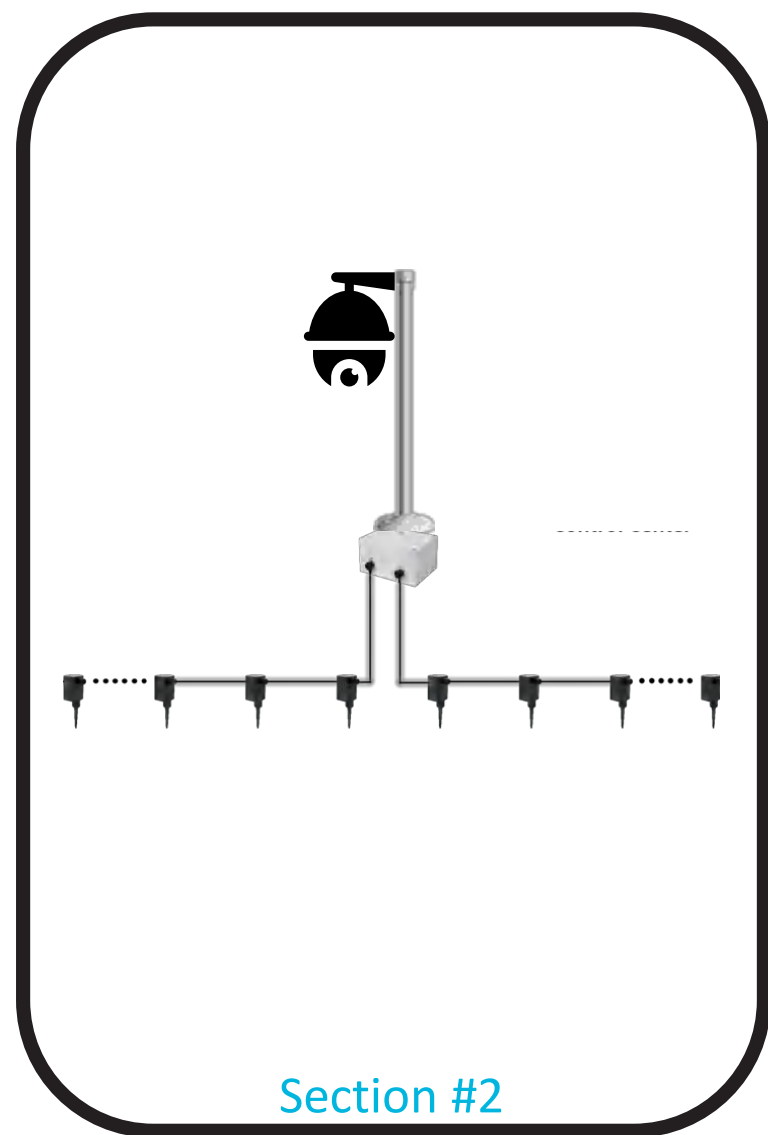
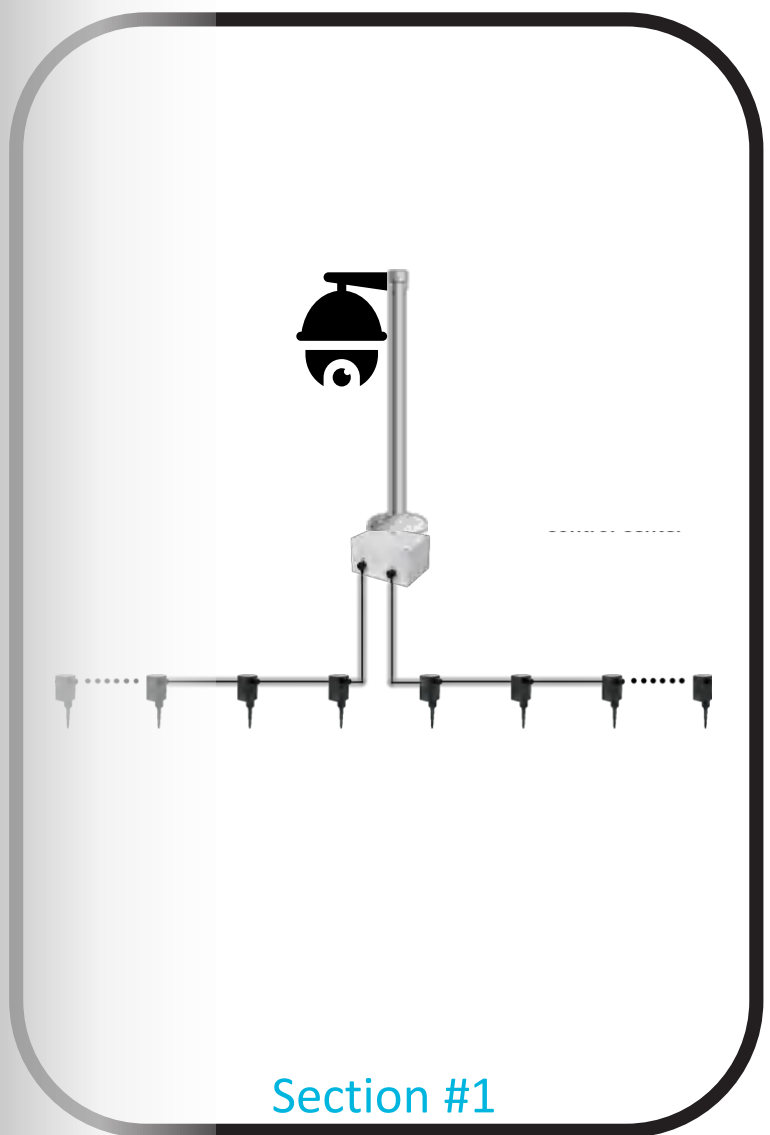




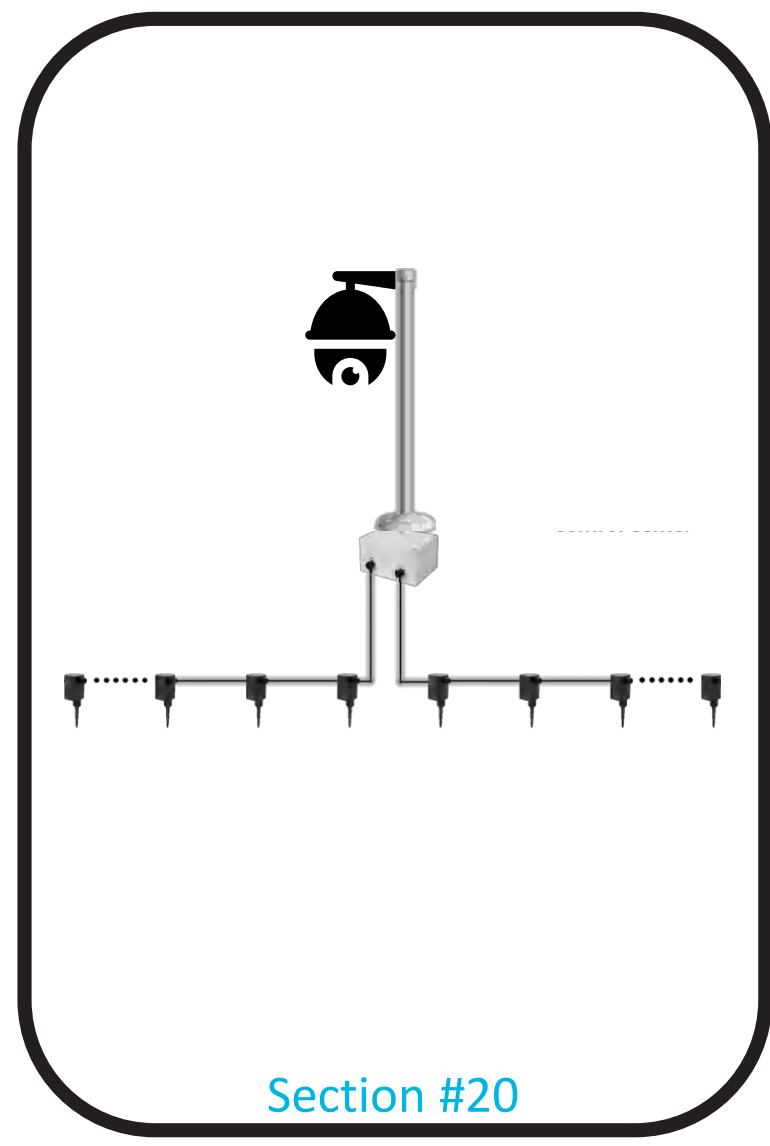
SEISMIC SHIELD PRO

10Km System Layout

Command & Control



...



SEISMIC SHIELD PRO

Solution Items



InvisiFence Plus Sensor cable



Hub Units



IDIS 8MP 31x IR PTZ Camera (DC-S6881HRX)



IDIS Recording Server



IDIS AI In A Box



Command And Control Software

IDIS SOLUTION
SUITE

INVISIFENCE PLUS

System Layout

Hub Unit



Sensor Cable



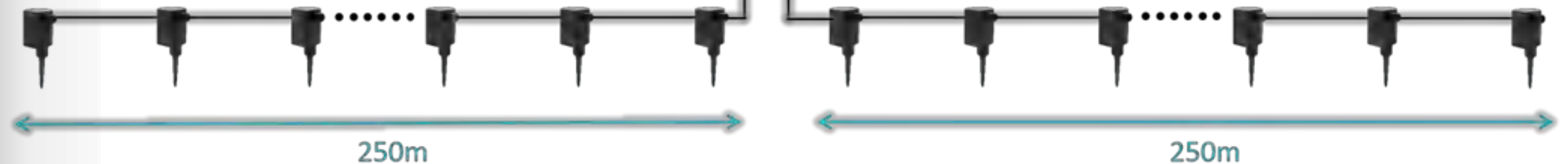
Alarm System

Dry Contacts

TCP/IP

Hub Unit

Control Center



INVISIFENCE PLUS

Key Features



Versatile Threat Detection: Capable of detecting a variety of threats including footsteps, vehicles, and even tunneling activity.



Adaptable Sensitivity: Adjust sensitivity levels to cater to the unique needs of each site, reducing the risk of false alarms.



Plug and Play Setup: Easy installation process and minimal infrastructure requirements.



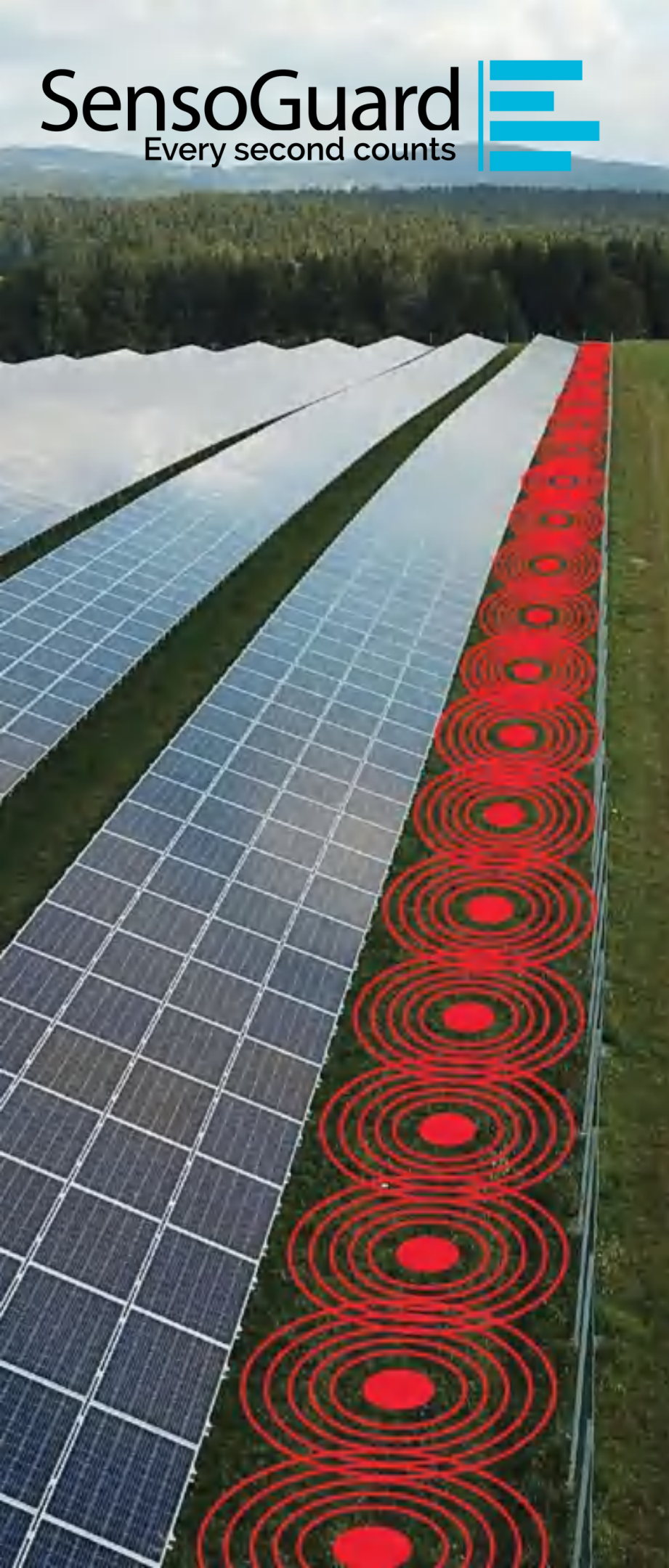
Field-Proven Performance: Extensively tested and trusted around the world for its reliable detection capabilities and robust design.



Wide Area Coverage: Able to secure large perimeters with system configuration modularity - perfect for sites of any size.



Superior VMS Integration: Integrates smoothly with existing Video Management Systems for a comprehensive, easy-to-manage security approach.



INVISIFENCE PLUS

Built-in VMS Integration

CCS





PIPELINE PROTECTION

SG-PPS



Modular Design: Independent 1km sections allow for tailored installation, based on specific risk analysis of pipeline sections.



Tamper-Proof: Each 1km section operates independently, offering robust resilience against tampering and vandalism.



Easy and Efficient Installation: Plug & play system designed for quick installation by local crews, minimizing setup time and cost.



Infrastructure-Independent Alarm Notification: The system uses cellular or satellite communication for alarm notifications

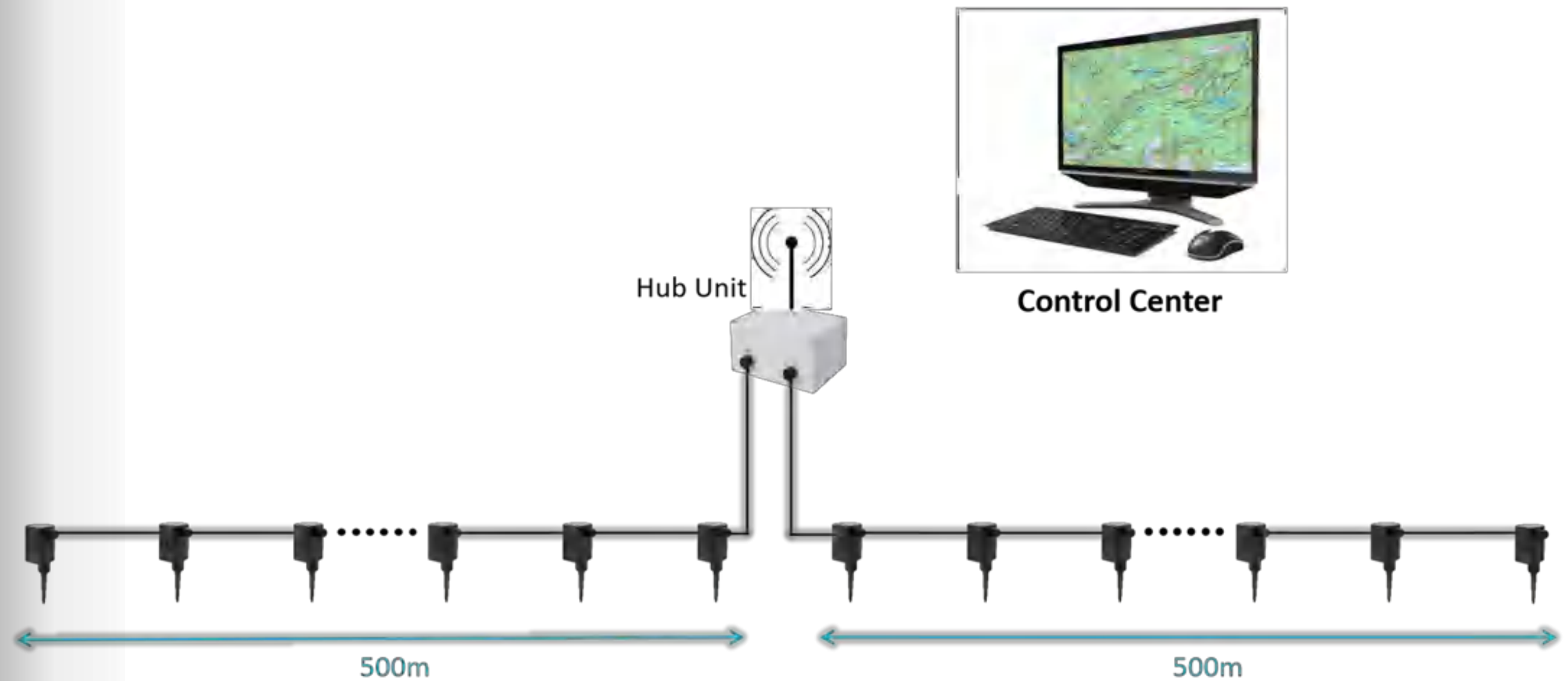


Reliable Detection: precise detection and minimizes false alarms, ensuring dependable protection for your pipelines at all times.



PIPELINE PROTECTION

SG-PPS Section Layout

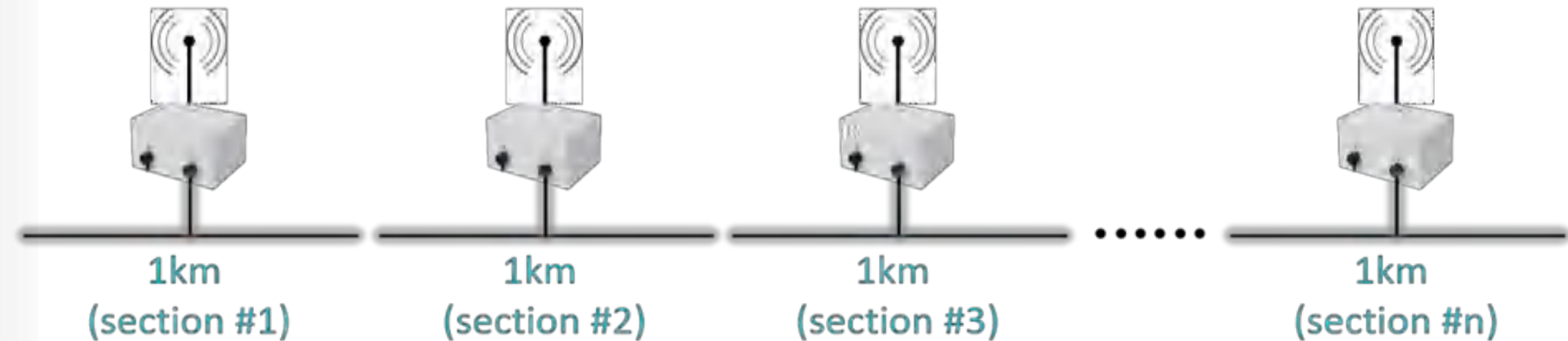


PIPELINE PROTECTION

SG-PPS System Layout



Control Center





SMALL SITES

Stand-Alone Detectors

SG-1



SG-3



SG-6



Coverage
Area

6m*6m

20m*6m

40m*6m



12V

GND

N.C

COM



SMALL SITES

Stand-Alone Detectors



Easy Installation: Easy to install, Plug&Play.
Operating on either a power supply or long-lasting lithium batteries.



Ideal for Small Sites: Standalone seismic detectors provide robust and reliable protection for small sites or individual properties.



Maintenance-Free and Weatherproof: The detectors continuously calibrate to environmental noises, and offer round-the-clock protection in all weather conditions.



Integration Capabilities: The system can function independently or be integrated into existing video security systems, alarm systems, etc.



Energy Efficient & Vandalism-Proof: The system offers years of protection without battery replacement and is invisible to the eye, detecting any attempts at sabotage or digging.



WIRELESS SYSTEMS



WIRELESS SENSORS



AIO-XR



AIO 2

HLS & Defense

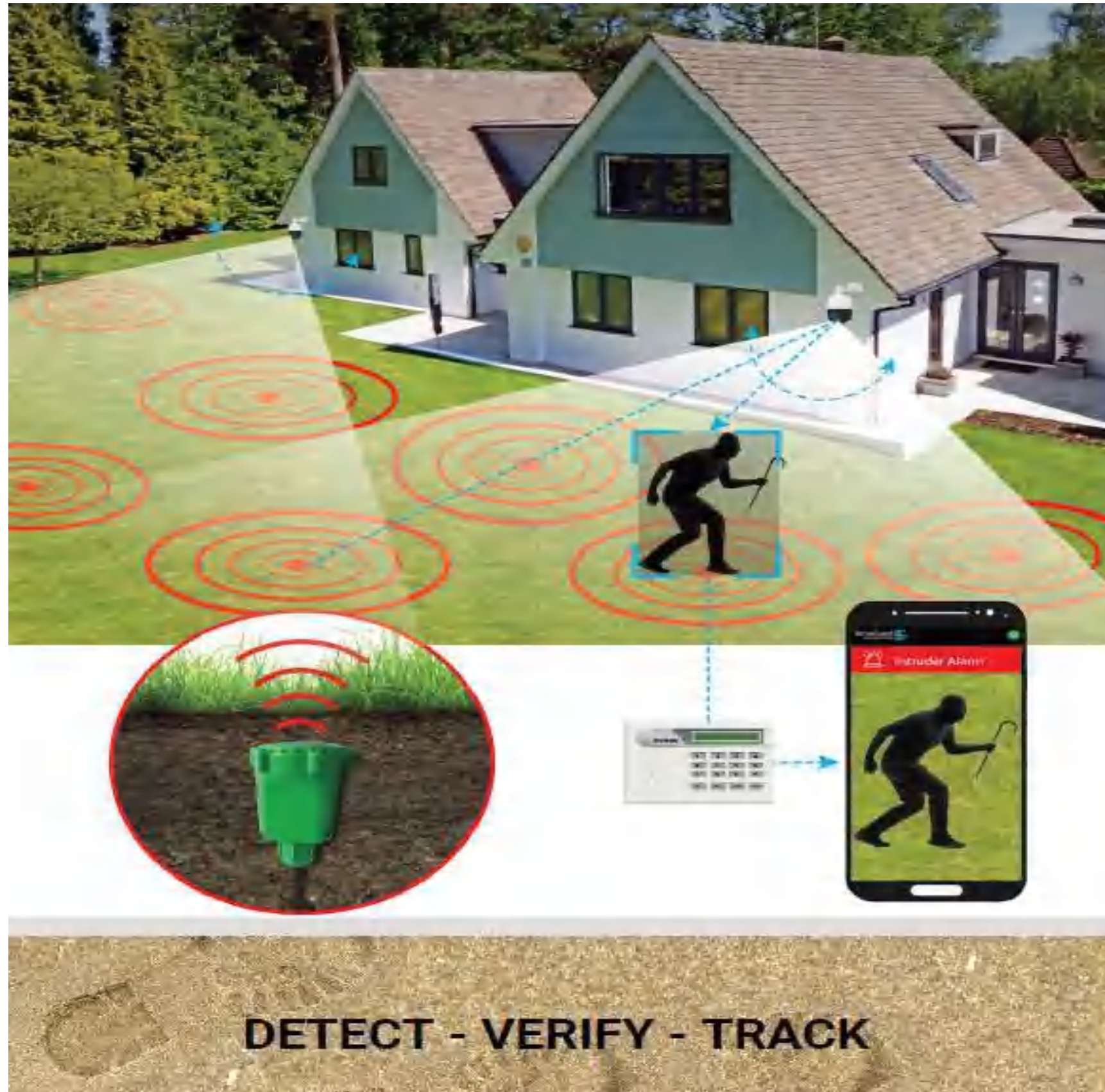


AIO X

Residential Security

WIRELESS SYSTEMS

Seismic Shield

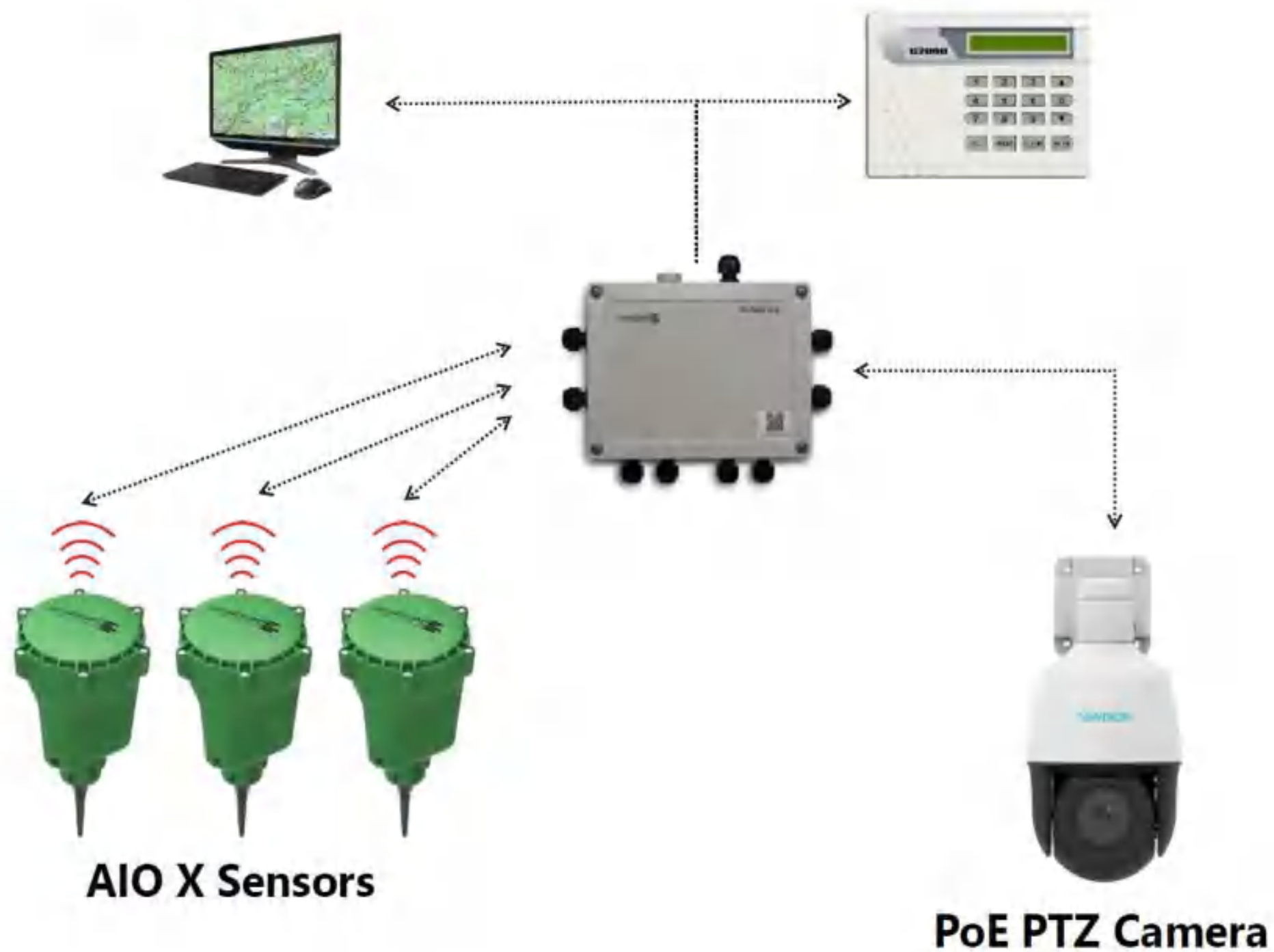


- A complete double verification perimeter security solution
- Invisible alert system based on wireless seismic sensors
- Can operate independently or integrated with existing alarm systems
- Detection with seismic sensors, verification with AI analytics, tracking with PTZ camera
- Almost zero false alarms
- Sensitivity adjustment Per sensor
- Minimum Infrastructure required: wireless sensors, PoE PTZ camera
- No maintenance, Plug & Play installation



WIRELESS SYSTEMS

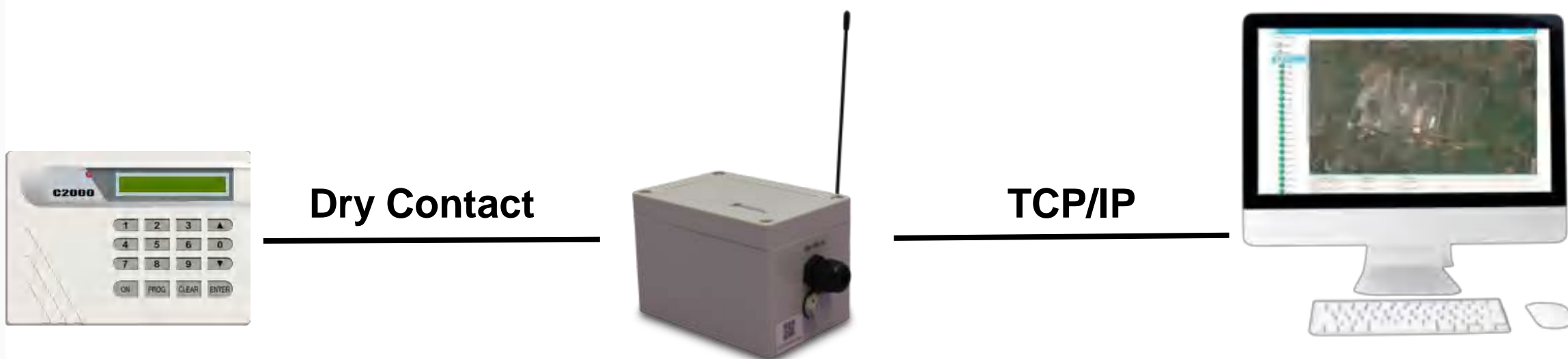
Seismic Shield





WIRELESS SYSTEMS

Local Installation Layout



WIRELESS HUB UNITS

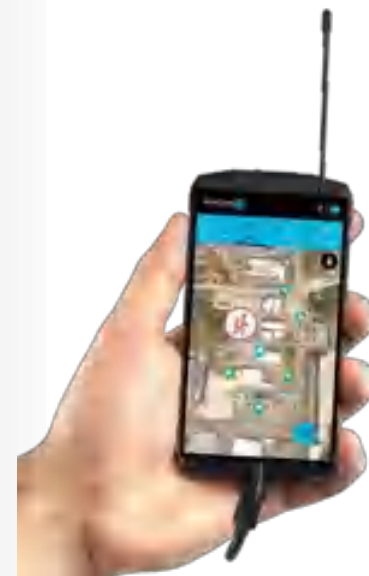


Flexibility: The widest range of receivers in the market for every application need.

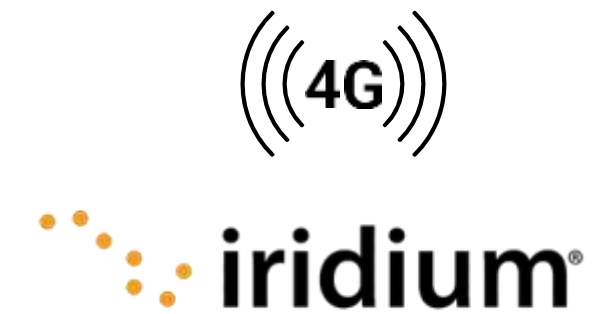
With or without power and communication Infrastructure



- ✓ Dry Contact
- ✓ TCP/IP
- ✓ Cellular 4G
- ✓ Satellite (Iridium)



- ✓ Smartphone Based Receiver

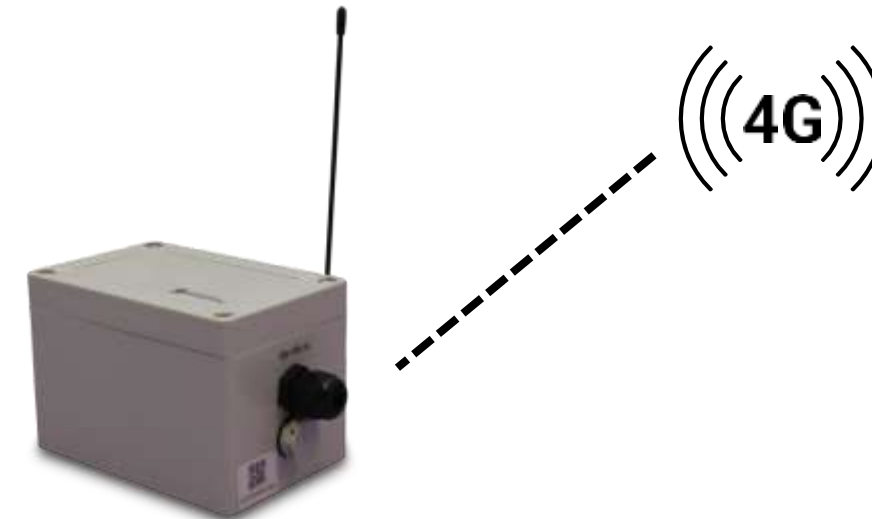




WIRELESS SYSTEMS

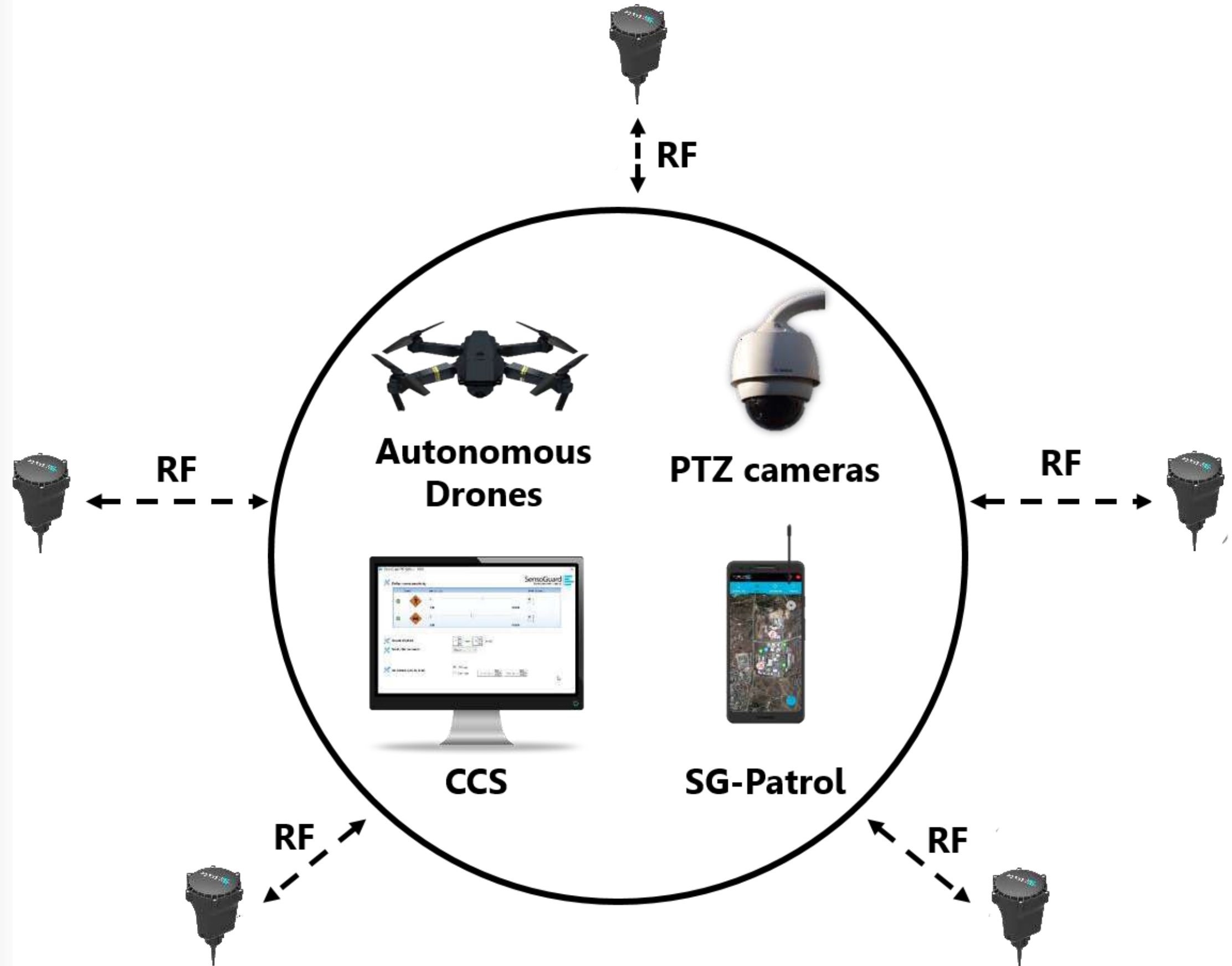
Remote Installation Layout

 **iridium®**



WIRELESS SYSTEMS

Possible Operation





TACTICAL KITS





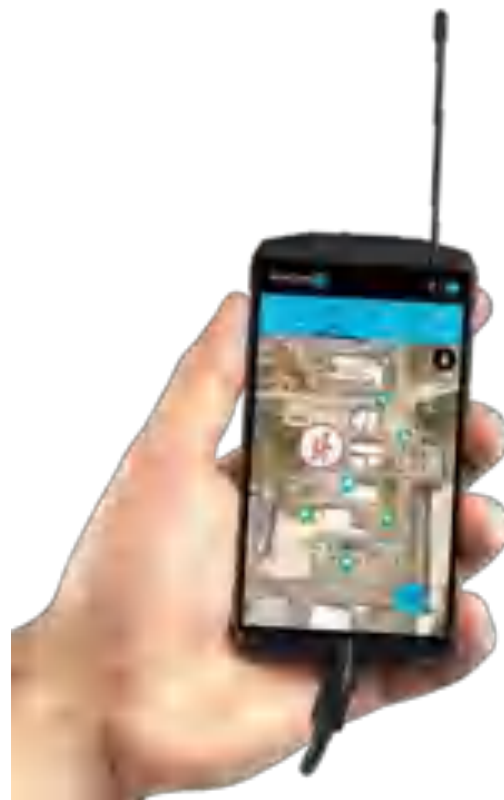
MOSS KIT

Rapid Deployment Kits

MOSS INDOOR



MOSS OUTDOOR



Rapid-deployment security, delivering real-time alerts with long-range transmission for both indoor and outdoor protection



MOSS KIT

Rapid Deployment Kits



Plug & Play: User-friendly design with plug-and-play functionality. Set up takes less than a minute, and the kits do not require power or communication infrastructure to operate, making them suitable for both indoor and outdoor environments.



Comprehensive Detection: Each kit comprises a variety of unattended sensors, which provide a 360-degree situational awareness.



Real-time Alerting and Long Range Communication: wireless alerts to the paired ruggedized smartphone through the SG-Patrol App. This provides real-time audible alarms and the location and type of alert. The system's communication is based on LoRa technology, providing long transmission ranges of up to 250m indoor and 1km outdoor.

SG-CAM KIT

Wireless Surveillance Kit



Wireless Covert surveillance system composed of

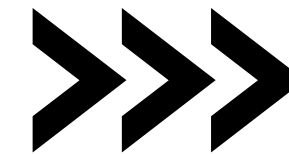
- **Wireless seismic sensor (AIO 2)**
- **Wireless receiver**
- **Covert cellular camera**



RF-UHF



4G-LTE





SG-CAM KIT

Field Usage

Border Protection



Illegal Dumping Sites





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Sales@SensoGuard.com

