

Advance PIDS

A 3-Generation PIDS System Management Software That Uses IoT & AI Technology to Combat Intruders.



What is PIDS

- A Perimeter Intrusion Detection System (PIDS) is a comprehensive security solution designed to safeguard critical boundaries from unauthorized access.
- By providing real-time detection and early alerts, PIDS enables proactive security response before threats reach sensitive or restricted areas.
- Seamlessly integrated with surveillance cameras, lighting, and alarm systems, PIDS delivers a robust, intelligent, and highly effective perimeter protection strategy.

Our Track Record

We have served townships, home and community with our state-the-art system in ensuring a safe neighborhood with Malaysia's top property developers.

Our Proposition

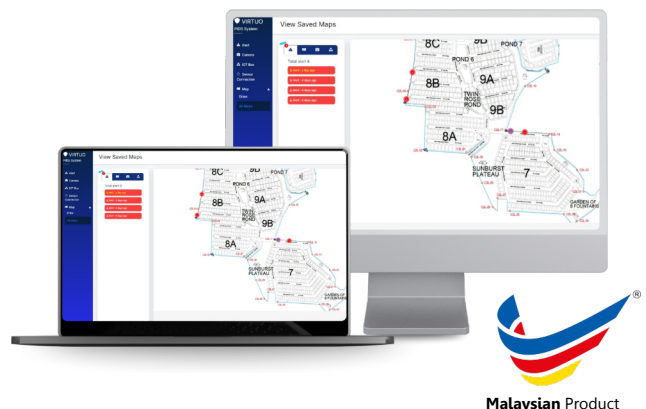
We have continuously innovating, ever ready to adapt to technology changes so as to ensure our clients has the optimum service and quality.

Our Value Add

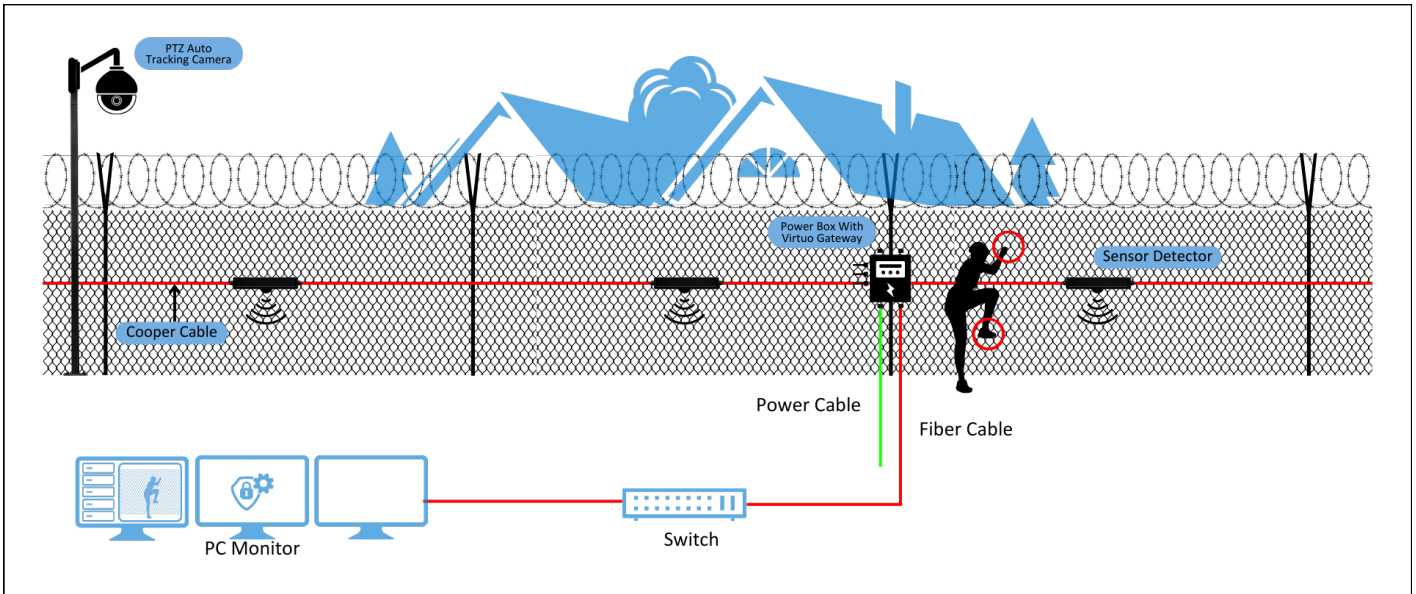
We word with our clients to provide a holistic cost effective security system that promotes premium lifestyle features in their township and development.

Key Features

- Seamlessly integrates with third-party applications.
- Built-in surge protection for enhanced system safety.
- Vibration sensitivity adjustable to different environments.
- Fast triggered detection within 0.5 seconds
- Reliable performance in all weather conditions



How It Work



- **Detects and alerts:** Sensors monitor the perimeter and trigger alerts when intrusion or abnormal activity is detected.
- **Real-time monitoring:** Continuously scans the protected area to ensure immediate detection of potential threats.
- **Integration:** Sends instant notifications to security systems or operators for prompt response.

Technical Features

- Cabling can be extended up to 100 meters on either side of the power box.
- Each gateway can manage a maximum of 40 connected sensors.
- Each sensor provides reliable coverage of up to 4 meters for optimal perimeter protection.
- Easily create and customize your own interactive map for precise monitoring and control.

Component	Specification
Sensor	IP65/67, Vibration Sensor, Outdoor Rated
Zone Controller	MCU, AFE, ADC, RS485/TCP/IP, Surge Protection
Communication System	MQTT, HTTP/HTTPS, WebSocket
Backend	Node.js/Python/.NET Core, DB SQL/NoSQL
Dashboard	Web-based, Real-time Monitoring

