

Perimeter Intrusion Detection Security (PIDS)

A Solution by Tokai & Senstar-Stellar

Introduction

Tokai-Senstar's Omnitrax® is the world's leading covert intrusion detection system. Invented and made in Canada, the Omnitrax® can be found on

tions of the nation.

Getting to know the OmniTrax®

The OmniTrax® is a fifth generation, covert outdoor perimeter security intrusion detection sensor that generates an invisible radar detection field around buried sensor cables. If an intruder disturbs the field, an alarm is declared and the location of the intrusion is determined. Targets are detected based on their conductivity, size and movement.

The logic behind outdoor security sensors is that the system can detect intruders as soon as they enter a protected area and before they can gain access to people or valuable assets. In a correctional environment, security sensors can be used to immediately detect prison escape attempts. A quality outdoor security system demonstrates a significant



return on investment by reducing the risk of theft, damage or personal injury.

The OmniTrax® can provide an all-terrain, all-weather, 24/7 covert detection system that pushes the detection boundary.

The OmniTrax® can fit into a mul-

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Easy maintenance of the Omnitrax®

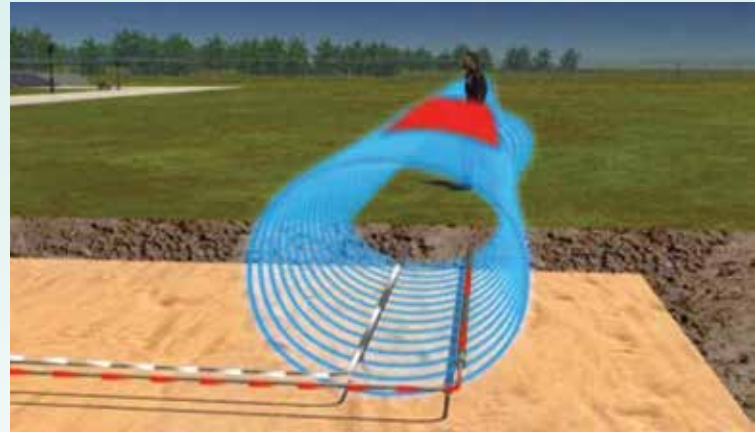
The system requires nominal routine maintenance. Most maintenance operations are visual inspection of the protected space above ground processor pedestal, and monitoring of the system console which will identify power faults, battery condition (fail-safe battery back-up is on board), and cable integrity. With an OmniTrax system in place, you are a step closer to the goal of achieving 'no gaps' in your security profile, while providing security personnel a means to 'see more', 'do more' and provide the public with greater peace of mind.

The Omnitrax® Application

Cables can be buried into a variety of surfaces (ground, grass, concrete) approximately 23 cm (9 in.) below the surface and are completely covert. The cables are robust enough for direct burial in most surfaces. The terrain-following, volumetric detection field is typically 1

rectional facilities and VIP residents, including Heads of State.

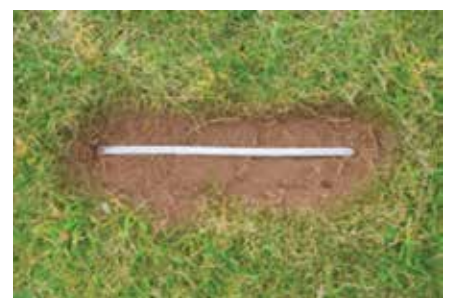
Tokai-Senstar's state-of-the-art Omnitrax® PIDS system currently protects critical infrastructures and key installa-



m (3.28 ft.) high by 3 m (9.84 ft.) wide by up to 800 m (2625 ft. or 1/2 mile) long per sensor processor. Systems can be standalone or networked for long perimeters whereby sensor cables are connected together to create a continuous perimeter.

Product specifications and features:

- Up to 800 meters per sensor processor.
- Determines the position of intruders to within a meter with a 95-percent confidence rate.
- Power and data over cable reduces installation costs and provides inherent data security.
- Operates through vegetation (grass, shrubs and trees).
- Insensitive to wind, rain, snow, hail, sandstorms, fog and so on.
- Detects and accurately locates multiple simultaneous intrusions.



Once installed and the trenched area smoothed out, no evidence of the security cable exists to personnel

- Low false and nuisance alarm rate.

Locally, Tokai together with Senstar continues to demonstrate growth with prospective projects in the pipeline for the company.

Tokai's Integrated Safety, Security and Management solutions is deployed in the heart of Putrajaya, from the offi-

cial residence of the Prime Minister, to the Prime Minister's Office as well as the central banking infrastructure of the nation.

This editorial is brought to you by Tokai Engineering (M) Sdn Bhd. Tokai has been a Malaysian brand for the past 20 years. As a pioneer in the Lightning and Surge Protection Industry, Tokai has grown and diversified into a force to be reckoned with as a Total Solutions Provider for both Lightning & Earthing Protection and High Security Protection Systems.

Tokai Engineering is also Senstar's sole distributor of their complete range of Perimeter Intrusion Detection Security System in Malaysia.