



EXECUTIVE SUMMARY

Partner Designation:

- Technology Developer Partner

Associated Cisco Solution:

- Open Platform for Safety and Security

Customer Benefits:

- Accurate and immediate intruder identification and response
- Drastically reduced false alarm rate
- Decreased environmental vulnerability (no outdoor electronics or power supplies)
- Simplified maintenance (no sensitivity adjustments)
- Decreased need for security staff to patrol perimeter

Targeted Industries:

- Military
- Government/Public sector
- Utilities (power plants)
- Commercial/Transportation (ports, airports)

Geographical Regions Served:

- North America
- Asia/Pacific
- Middle East

Huneed Technologies FOMGuard Perimeter Intrusion Detection System

Partner Overview

Since 1968, Huneed Technologies has supplied wireless communication equipment to Korea's military. Today, the company's wireless solutions are vital to the country's capabilities for network-centric operations, including data links; command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR); and combat systems. Huneed's expertise also covers IT and security, with deployed solutions in several Korean cities and in Korea's Joint Security Area.

Partner Solution Description

With FOMGuard, Huneed has put decades of experience to work to create superior perimeter protection. The FOMGuard Perimeter Intrusion Detection System provides the latest in innovation for securing today's vital infrastructures. The system uses a fiber-optic sensor net, which is installed along an existing perimeter barrier such as a chain-link fence or wall. Based on optical time-domain reflectometer technology, the system detects all intruders with 50-cm accuracy, eliminates false alarms, and requires no outdoor sensors, electronics, or power supplies.

Wind, small animals, plants, and trees can trigger other systems, but with FOMGuard, security teams deal only with actual intruders. The highly accurate FOMGuard detection capabilities eliminate the guesswork. The addition of video monitoring creates a powerful, fully automated, and highly scalable system with comprehensive detection and surveillance capabilities. The system communicates using event messages over an IP network, allowing security teams to:

- Move camera presets to the exact alarm location
- Automatically change monitor views to focus on the intruder
- Read an intruder's location on a digital map display
- Configure automatic email notifications

A single intruder, undetected, can cause potentially massive losses. FOMGuard's perimeter security capabilities offer proven protection and, as a result, unmatched peace of mind.

Core Components of the Partner Solution

The FOMGuard Perimeter Intrusion Detection System comprises three main components:

- **Main Control Station (MCS):** The MCS facilitates system configuration and management, display of the electronic map, and interface with the Cisco® Video Surveillance Operations Manager.
- **Local Control Unit (LCU):** The LCU analyzes the status of the Fiber Optic Sensor Net, communicates all alert information to the MCS, and covers perimeters up to 2 km.
- **Fiber Optic Sensor Net:** The net consists of fiber-optic cable, crossover buttons, and optional accessories. Users can customize the height and implement its solutions for gates, drains, waterways, and other spaces.

Related Cisco Products

- Open Platform for Safety and Security
- Video Surveillance Operations Manager
- IP Interoperability and Collaboration System

Related Partner Information

- Overview and advantages of the FOMGuard system: www.huneed.com/eng/02_business/total_02.asp
- FOMGuard brochure: www.huneed.com/eng/02_business/total_11.asp

For More Information

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