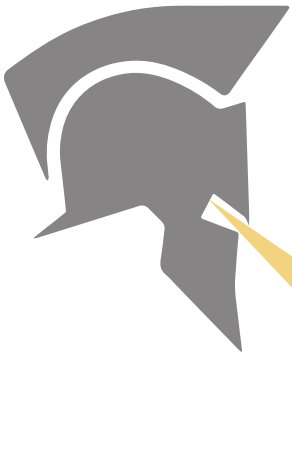




SENTINEL CS

Perimeter Intrusion Detection Solution



SENTINEL™ CS

Perimeter Intrusion Detection Solution

SENTINEL CS is a fiber optic intrusion detection system that can be easily installed and integrated with your new or existing security systems. It is a high performance sensor, immune to EMI/RFI and lightning, that will quickly and accurately detect intrusion attempts on your perimeter security fence.

OVERVIEW

SENTINEL CS is a fence mounted perimeter intrusion detection system that harnesses the power of fiber optic sensing technology to detect **Cut-and-Climb** activities on your perimeter fence. The **SENTINEL CS** system will immediately alert your physical security forces to the presence of intruders, ensuring the safety and security of your facility. With its patented optical sensor design and highly advanced signal processing capabilities, the **SENTINEL CS** provides the most reliable detection capabilities in the industry.

At the heart of the solution is the SENTINEL Fiber Optic Intrusion Detection System.

Using patented technologies, SENTINEL is *always on watch* to protect your perimeter fence by continually monitoring the fiber optic sensor cable for disturbances caused by intruders. The 24/7/365 continuous monitoring allows the system to immediately detect and report even the most stealthy intruders. The SENTINEL can be easily installed and integrated into your new or existing CCTV or Access Control system to increase your situational awareness and the security stance of your facility. The auto-configuration feature of the SENTINEL allows security professionals to get the system up and running without a costly and time-consuming manual tuning process.

BENEFITS

The **SENTINEL CS** incorporates an integrated, customized management system called CyberSecure Infrastructure Monitoring System (IMS). CyberSecure IMS:

- ✓ Simplifies perimeter intrusion detection system management
- ✓ Eliminates false positive alarms
- ✓ Creates site-specific Standard Operating Procedures
- ✓ Generates a unique case resolution audit trail
- ✓ Integrates with existing CCTV and Access Control systems

The CyberSecure IMS “Rapid Analysis Dashboard” provides Physical Security Officers:

- ✓ Easy-to-use visual tools to monitor the perimeter security system
- ✓ Real-time optical warning system to help identify, analyze, and react to a disturbance
- ✓ Automatic notification via phone, email, SMS, and/or audible/visual alarm
- ✓ Ability to redirect IP security cameras

Full-Featured Dashboard Graphical User Interface

The SENTINEL CS can be combined with other solutions including the VANGUARD™ CS Network Infrastructure Cyber Security System and Universal Cyber Sensors, creating a layered security approach to protect your facility or critical infrastructure. Using an interactive map of all alarmed zones within and outside the secured perimeter, the map interface provides a Zone Status indicator for each monitored point of vulnerability, such as manholes, secure enclosures, and fiber optic cable runs. When an optical disturbance is detected on the perimeter fence, at a manhole location, or on the fiber between manholes, the location of the disturbance will be displayed on the CyberSecure IMS dashboard within seconds of its occurrence.

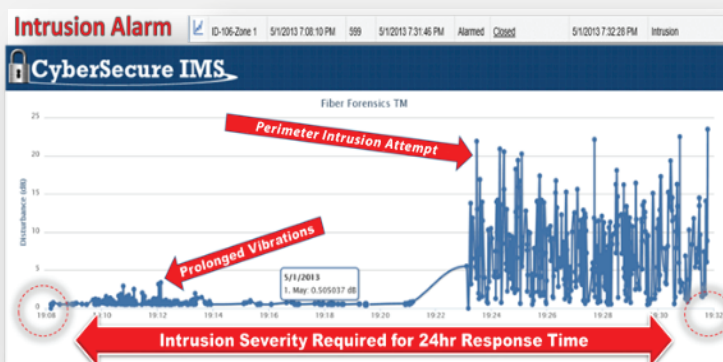


Nuisance Alarm Mitigation

SENTINEL CS is the industry's first perimeter intrusion detection system capable of virtually eliminating all nuisance alarms.

Smart Filtering™ Technology

The SENTINEL CS features Smart-Filtering technology which eliminates nuisance alarms by learning the normal day-to-day activity present within the environment.



FIBER FORENSICS™

Optical Disturbance Severity Graph

CyberSecure IMS works with the SENTINEL CS to capture all characteristics of a real-time intrusion attempt and display it to the Physical Security professionals for immediate analysis. A Fiber Forensics™ signature created by a nuisance source is drastically different from a signature created by an actual intrusion attempt. This gives dispatchers complete control over whether or not to trigger an alarm response investigation, effectively eliminating nuisance alarms before they occur.



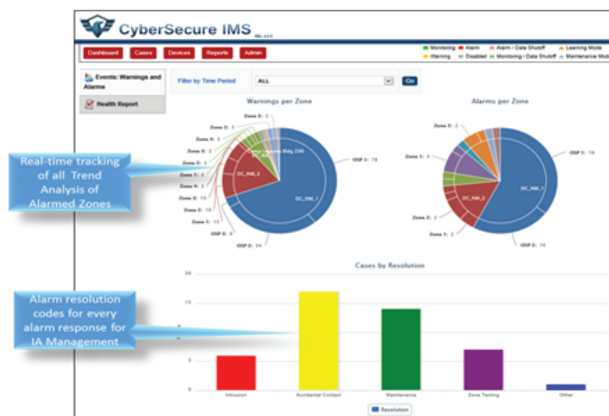
OPTICAL WARNING SYSTEM

The CyberSecure IMS software tool gathers unique optical signature information from the SENTINEL CS every time an optical disturbance is detected on an alarmed cable and analyzes the severity of the event. This provides dispatchers with real-time information that allows them to discern accidental contact optical disturbances from real threats to the network. This gives Security Specialists the ability to create a user configurable warning threshold per zone and only trigger alarms when the threshold is crossed, reducing the number of nuisance alarms by as much as 99%.

ADVANTAGES OF SENTINEL CS

Perimeter Security Reporting Tools

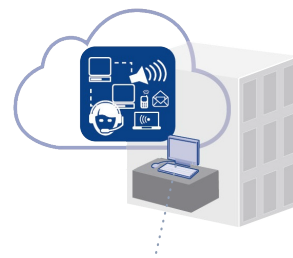
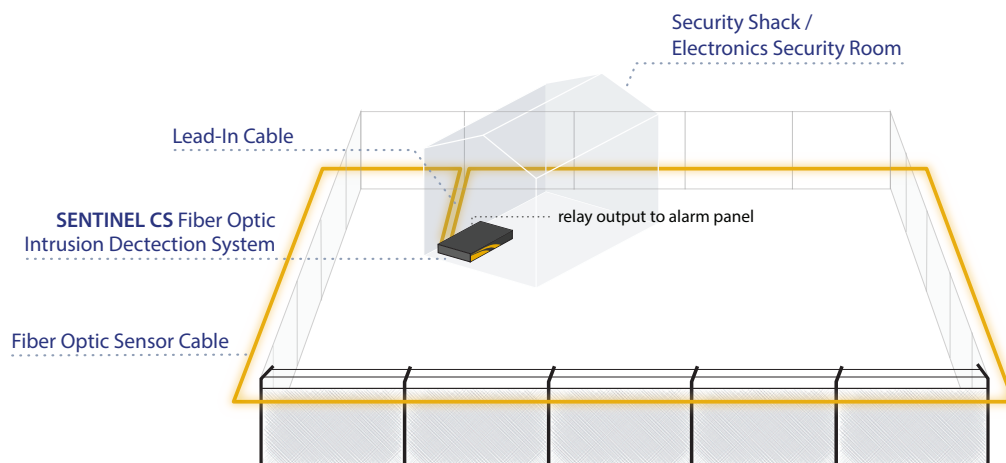
CyberSecure IMS allows Security Managers to monitor local, regional, and/or global campuses. Remote managers can receive daily, weekly, monthly, quarterly, and/or annual Health Reports regarding the activity occurring at their facilities on a zone-by-zone basis. Each alarm triggered by the system is tracked and given an alarm resolution code so trends can be analyzed. This proactively prevents nuisance alarms and helps local security managers recalibrate alarmed zones when site conditions change.



Integrated Site-Specific Standard Operating Procedures (SOP) Management

CyberSecure IMS comes equipped with a user-configurable SOP template that contains the alarm notification list, zone media (digital images & CAD drawings), a case record for each alarm triggered in the system, and a remotely configurable 'Zone Reset' button.

SENTINEL CS PERIMETER INTRUSION DETECTION SYSTEM



CyberSecure IMS - a centralized software management platform and dashboard that enables you to monitor every cable, zone, access point, building, campus, or perimeter within your organization and aggregates the information to perform immediate alarm dispatching and automate your Standard Operating Procedures (SOP).

SENTINEL CS is the ever vigilant sentry that monitors your facility for intruders attempting to breach your perimeter. Contact us today to request a demo, site assessment, and/or pricing for your environment.



WE BRING SECURITY TO LIGHT™

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