



INTERCEPTOR™ CS

Centrally Managed Alarmed PDS Solution

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INTERCEPTOR™ CS is a network infrastructure cyber security solution. CNSSI 7003 compliant, DISA Risk Management Framework accredited, and the only one of its kind with a Certificate of Networthiness, INTERCEPTOR CS provides an end-to-end solution that quickly and cost-effectively ensures organizations pass CCRIs the first time, every time.

OVERVIEW

INTERCEPTOR CS centrally monitors and continually automates inspection and Standard Operating Procedures for response to any threat to your classified network infrastructure. It is the most cost-effective method for securing scalable classified network environments while having zero impact on your network bandwidth, enabling you to unlock the full potential of your Voice, Video, and Data investments.

At the heart of the solution is the INTERCEPTOR™ Optical Network Security System.

Using patented technologies, INTERCEPTOR ensures the integrity and availability of network data by monitoring spare strands of fibers within optical cables making up the network infrastructure. This 24/7/365 continuous monitoring allows the system to immediately detect and report even the most subtle tampering or the most sophisticated intrusion attempts conducted for the purposes of data theft (tapping) or denial of service. With Plug-and-Protect™ capability, INTERCEPTOR can be rapidly added to new or existing network infrastructure and can be used in a variety of applications and network architectures. The auto-configuration feature of the INTERCEPTOR allows organizations to get up and running without a costly and time-consuming manual tuning process.

BENEFITS

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

- ✓ Simplifies Information Assurance (IA) Management
- ✓ Creates site specific CNSSI 7003 compliant Standard Operating Procedures
- ✓ Generates a unique case resolution audit trail

The CyberSecure IMS “Rapid Analysis Dashboard” provides **Physical Security Officers and Network Security Specialists**:

- ✓ Easy-to-use visual tools to monitor an entire office, building, campus or global network
- ✓ 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
- ✓ Supported Camera Assisted Inspections and ability to redirect IP security cameras
- ✓ Capability to control door locks and security systems at the zone being attacked

Full Featured Dashboard Graphical User Interface

The INTERCEPTOR CS can be combined with other solutions including the Sentinel™ Perimeter Security System and Universal Cyber Sensors. Using an interactive map of all alarmed zones within and outside the secured perimeter, the map interface provides a Zone Status indicator for each manhole location and fiber optical cable run. When an optical disturbance is detected 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

INTERCEPTOR CS is the industry's first infrastructure protection system capable of eliminating all nuisance alarms.

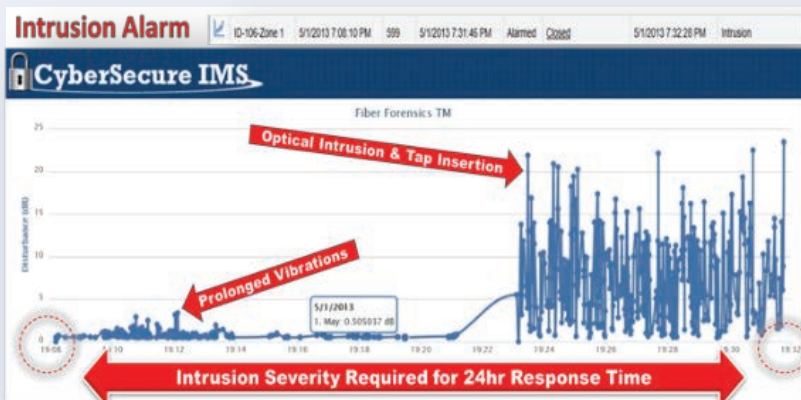
Smart Filtering™ Technology

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

FIBER FORENSICS™

Optical Disturbance Severity Graph

CyberSecure IMS works with the INTERCEPTOR to capture all characteristics of a real-time intrusion attempt and display it to the Network Security Specialists for immediate analysis. A Fiber Forensics™ signature created by accidental contact with the cable 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 INTERCEPTOR 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 Network 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%.



Integrated CNSSI 7003 Compliant 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), an Information Assurance case record for each alarm triggered in the system and a remotely configurable 'Zone Reset' button.

ADVANTAGES OF INTERCEPTOR CS

Information Assurance Reporting Tools

CyberSecure IMS allows Information Assurance Managers to monitor local, regional, and/or global Alarmed Carrier PDS networks. Remote managers can receive daily, weekly, monthly, quarterly, and/or annual Health Reports regarding the activity occurring in the Alarmed Carrier PDS network 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 IA managers recalibrate alarmed zones when site conditions change.



Each alarmed zone can be customized to meet the end user requirements specific to each zone. In the event an alarm is triggered, the corresponding data can be shut off using an ancillary device, the **StopLight™ Optical Interface**. Organizations have used this feature to shut down critical data overnight and delay investigation until the next day.

Finally, **INTERCEPTOR CS** allows alarm notification transmission over unclassified networks by incorporating the optional **Cross-Domain Communications Unit**, enabling an organization to receive notification of alarms at any time, from anywhere.



INTERCEPTOR CS can ensure immediate compliance of your classified network deployment. It has been deployed in multiple theaters around the globe to secure classified networks inside buildings and across campuses. It is the most secure and cost-effective method of supporting active and compliant missions.

Contact us today to request a demo, site assessment, and/or pricing for your environment.

NetworkIntegrity
SYSTEMS

WE BRING SECURITY TO LIGHT™

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