

Compare INTERCEPTOR™ to the Alternatives

Comparison of Protective Distribution System Approved in NSTISSI 7003

Desired Attributes	Alarmed Carrier	Hardened Carrier		Continuously Viewed Carrier
		Inside Building (Rigid Metallic Conduit)	Outside Building (Concrete Encasement)	
Ability of intruder to gain undetected access to PDS	Very Difficult	Somewhat Difficult	Very Difficult	Not Difficult
Reliability of Detection of tampering or unauthorized access	High	Low	Low	Medium
Physical Deterrence to Tampering or Intrusion	Easy	Medium	High	Low
Ease of Installation for New SIPRNET Deployment	Easy	Difficult	Difficult	Somewhat Difficult
Enables NIPRNET to SIPRNET Migration	Yes	No	No	Yes
Portability (Ability to Re-Deploy/ Re-use)	High	Low	None	Moderate
Vulnerability to Insider Threat	Low	High	Low	Moderate
Requires visual inspection for monitoring or detection	No	Yes	No	Yes
Protects the availability of the network circuit	Yes	No	No	No
Total Cost of Ownership	Moderate	Moderate	High	High

Levels of desired attribute
■ ■ ■
 Desirable - not Desirable

Offered by:



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Comparison of Alarmed Carrier Equipment

Desired Attributes	Network Integrity SYSTEMS INTERCEPTOR™	Technology A	Technology B	Technology C
Sensing Technology	Intrusion Gain™	Modal Metric Interferometry	Interferometry	Attenuation
Sensitivity to Intrusion	High	Moderate	Moderate	Low
Vulnerability to False Alarms	Low	High	High	Moderate
Requires Sensing Media to be installed	No	Yes	Yes	No
Ability to Scale Protection to Threat Level	Yes	No	No	Yes
Ability to Shut Down Traffic Upon Alarm	Yes	External Switch	External Switch	Yes
Ease of Installation on Existing Infrastructure	Easy (Plug & Play)	Impossible	Very Difficult	Fairly Difficult
Pre-emptive Detection of Fiber Taps	Yes	Yes	Yes	No
Consistency of Detection	High	Low	Low	Low
Principal Technology Focus	Information Assurance	Perimeter Security	Perimeter Security	Information Assurance

Alarmed Carrier PDS provides the most flexible, scalable, and robust protection for SIPRNET and JWICS networks – but not all Alarmed Carrier technology is the same...

...INTERCEPTOR™ was developed to enhance the protection of secure networks and overcome the inherent vulnerabilities with older Alarmed Carrier technology.



Network Integrity
SYSTEMS

**Alarmed Carrier:
A FULLY Approved PDS Solution**

The Committee on National Security Systems provides national policy (NSTISSI 7003) on designing, implementing, and maintaining a Protected Distribution System (PDS) to protect the transmission of unencrypted classified national security information through an area of lesser classification or control. NSTISSI 7003 places the emphasis of a PDS on "detection" of attempted penetration in lieu of "prevention" of penetration – highlighting the need for a PDS to successfully:

- 1) DETER unauthorized activity,
- 2) Enable the DETECTION of tampering or unauthorized activity, and
- 3) Make any concerted attempts to gain and/or conceal access as DIFFICULT and time-consuming as possible.

NSTISSI 7003 provides approval for the construction of a Hardened Distribution System using one of the 3 options below:

Hardened Carrier Systems

Example: Rigid metallic conduit, EMT, concrete encasement

Continuously Viewed Carrier Systems

Example: 24/7 closed circuit TV surveillance



Alarmed Carrier Systems
Example: **Interceptor™**

About CSC

Communications Supply Corporation (CSC) is the largest and fastest-growing independent distributor of communications, security, and low-voltage infrastructure products. CSC's national footprint is comprised of 32 branch offices across the US – providing commercial and government customers with extensive local inventory, superior customer service, and integrated project support to meet their infrastructure and IT requirements. CSC distributes a full range of products to support advanced connectivity for voice and data communications, access control, security surveillance, building automation, video distribution, life safety broadcast systems.

One Distributor – Everything Infrastructure

About Secure(it)

In 2006, CSC launched Secure(it) to provide customers with cost-effective, and innovative solutions for the following areas:

- 1) Secure network infrastructure deployment
- 2) Sensitive Compartmented Information Facility (SCIF) construction or modernization, and
- 3) Information Assurance Applications

Secure(it) is closely aligned with the Defense-in-Depth strategy and the increased focus on Information Assurance across both the government and the commercial IT community. With the increased deployment of SIPRNET, JWICS, and other secure networks, CSC has partnered with several leading manufacturers to develop and deliver innovative products and technologies that enhance the deployment, management, protection, and defense of critical high-assurance networks.

About Network Integrity Systems

Network Integrity Systems Incorporated is a Small Business Enterprise located in Conover, North Carolina specializing in solutions for the protection of secure network infrastructure.



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NETWORK SECURITY INFRASTRUCTURE SOLUTIONS



**Choosing the RIGHT tool
gets the job done RIGHT.**

**Introducing
INTERCEPTOR™
A NEW tool for SIPRNET Access.**

