Introducing SafeGuard™ + Interceptor™ = Network-Centric Intrusion Protection (IPS 2.0)

Trusted Systems and Network Integrity Systems have joined forces to create IPS 2.0 – a network-centric security solution enabling remote control and rapid deployment of network infrastructure.

Trusted Systems, the innovator of the IPS container, and Network Integrity Systems, the leader in alarmed carrier PDS, are combining their technologies to create IPS 2.0 – a comprehensive end-to-end intrusion protection system for government and military classified networks. By combining the advantages of Trusted Systems’ SafeGuard™ IP-addressable monitoring and control system with Network Integrity Systems’ Interceptor™ plug-and-play alarmed carrier PDS, network operators now have remote control of the safe and its contents, as well as the network infrastructure.

SafeGuard, when integrated with the “SCIF in a Box™” modularity of the IPS container, adds an early warning system by monitoring lock and door status. Alarms trigger an immediate countermeasure by cutting off power to critical equipment, switches, routers, servers and PCs, as well as “zeroizing” encryption devices. SafeGuard also monitors Interceptor’s alarm outputs to secure all connected cables to the IPS container. The Interceptor itself is secured within the confines of the IPS container to eliminate tampering or compromise.

With Interceptor’s fail-safe, no-false-alarm monitoring of optical cables within the network, the alarm interface to SafeGuard becomes an integral part of the IP-addressable link to provide network infrastructure security at an unprecedented level.

The most significant impact of IPS 2.0 is the real-time aspect of monitoring and controlling security of the network. Each critical element of the IPS container and the entire length of the cable plant are under constant surveillance with the ability to instantly respond to any alarm. The human element is minimized, not relying on periodic inspections or OPSEC measures to ensure compliance. Instead of auditing loss or damage, you are now able to prevent it in the first place. This establishes a proactive versus reactive solution.

With SafeGuard and Interceptor working together, a powerful preventive synergistic tool becomes an embedded component of the network, a true network-centric rather than facility centric solution.
SafeGuard™ and Interceptor™ – a true network-centric security solution

AS ILLUSTRATED IN THIS DIAGRAM:

1. End User Drops
2. IPS Container
3. Fiber Optic Cable
4. Interceptor Optical Network Security System
5. Alarm Output Connection to SafeGuard
6. SafeGuard Smart PDU Controller
7. Combination Lock Sensors
8. Door Position Sensor
9. IP Addressable Network Connection