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Application Note: Elements for an Interceptor PDS Standard Operating Procedure

The following is an example of a Testing and Response Standards Specification for a Protected Distribution System (PDS) that is monitored by an Interceptor.

PDS Programming, Calibration and Testing Requirements Example

1. The Interceptor PDS will be tested to ensure it senses and alarms on the below intrusion events:
 - a. Gentle movement of the alarm carrier fiber (non tube cell fiber).
 - b. Deliberate movement of the Cell Tube caring the alarm carrier fiber.
 - c. Hard banging on the PDS conduit system and junction boxes.
2. After the PDS equipment is fully installed, the Interceptor unit is to be autoconfigured for a minimum of 72 hours.
 - a. The autoconfiguration is to take place during normal business hours.
3. Upon completion of the autoconfiguration the Interceptor will be placed into service for a minimum of 7 days before the data is connected through the PDS for a performance evaluation of the PDS system.
 - a. During this period the Interceptor will be monitored for system sensitivity to intrusions and nuisance alarms.
 - i. If "excessive" nuisance alarms are generated at an average of 1 per week and or the system is not sensitive enough to detect intrusion, the PDS system may require manual changing of the calibration settings.
4. If manual and/or autoconfiguration is required due to above step 3a, then once the calibration is completed the unit will be placed back into service again for another 7 days before the data is connected through the PDS for a performance evaluation of the system.
 - a. The PDS will not be approved/accredited until the system is able to operate for 7 days without causing nuisance alarms, but also sensitive enough to detect above described intrusions.

PDS Follow-On Programming, Calibration and Testing Requirements Example

1. No further programming changes are required unless the PDS system becomes problematic.
2. The Alarmed Carrier PDS systems will be tested at the below intervals to ensure reliable operation.



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- | | | |
|------|------------------------|--------------|
| i. | TS or Special Category | Test Daily |
| ii. | Secret | Test Weekly |
| iii. | Confidential | Test Monthly |

3. The PDS hardened carrier will be inspected from end to end randomly once per year.

PDS Response and Notification Procedure Example

1. If a PDS Alarm is generated electronically or through visual possible penetration attempt, contact the On Site Authority responsible for investigation of PDS Alarms.
2. The On Site Authority shall provide a 15 minute response of discovery.
3. The On Site Authority will inspect the entire PDS conduit path looking for visible signs of penetration attempts.
4. The On Site Authority will make a decision based on investigation results as to reset the PDS alarm, contact the proper personnel for operational test and repair of the PDS system, put the PDS conduit under scheduled inspections or to terminate the data transmission.
 - i. Scheduled Inspection of the entire PDS conduit system at a rate of one inspection per Guard shift ensuring a minimum of 3 inspection take place in a 24 hour period.
5. If CCTV coverage is available and the PDS conduit is under constant monitoring after the initial response inspection follow on inspection are not required. Any section or entire PDS conduit that is no viewable through CCTV requires visual inspection.
6. All installation, alarm response and testing/inspection schedules are per NSTISS 7003.