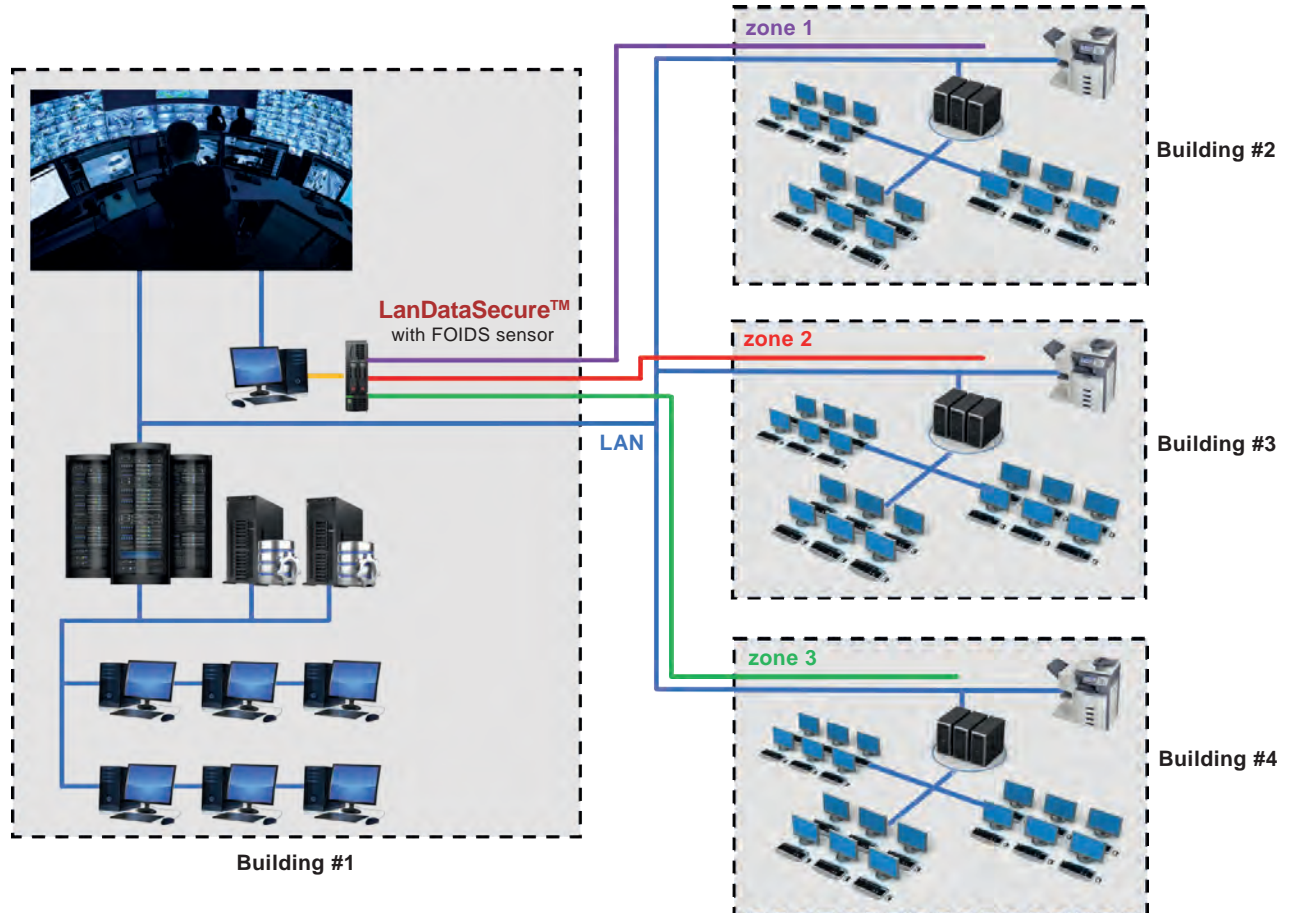


## Local Area Network (LAN) Physical Security System

The **LanDataSecure™** system offers the only complete single mode system approved by the United States Air Force for protection of the Physical Distribution System (PDS). When receiving an intrusion alarm, a signal is generated to the local HUB interface and automatically disconnects the compromised LAN, preventing the flow of information. Upon completion of the alarm response and investigation, reconnection of communications is restored via an operator command from the security management station. In addition to alarm monitoring functions, the Security Management Station contains fully integrated access control and video assessment capabilities that may be utilized, if desired.



**PROVEN TO OUTPERFORM OTHER SERVER NETWORK PHYSICAL INTRUSION TECHNOLOGIES**

Part of the integrated family of ECSI security products

**LanDataSecure™ is the ONLY system approved by the U. S. Air Force for the protection of the Physical Distribution System!**

**HQ AFCA/CGIS**

203 W. Losey Street, Room 2040  
SCOTT AFB, IL 62225-5222

**LanDataSecureSystem™ PROTECTS YOUR PHYSICAL NETWORK CABLING AGAINST TAMPERING AND TAPPING.**

**SEE FIRST ♦ UNDERSTAND FIRST ♦ ACT FIRST**

**FEATURES**

**ACS (Access Control System) Workstation**

- A fully integrated head end access control system (ACS)
- Enforced alarm handling discipline
- Alarm Prioritization
- Automated Response
- Comprehensive interactive graphic display and annunciation
- Event Logging and Report Generation
- Automatic LAN disconnect and connect
- On board system diagnostics
- Flexible communication transmission
- Fully integrated operating program and stand-alone capability
- Access control and Video management integration
- LanDataSecureSystem™ workstation will operate as stand-alone PC workstation with NT graphics and software for use with existing FOIDS® certified equipment
- This workstation can be fully integrated with existing certified Access Control systems (Advantor, Mosler, Vindicator, etc.)

**Approved FOIDS® (Fiber Optic Sensor)**

- Class 1 Laser Product
- User defined digital alarm discrimination
- User defined audio function
- Immune to EMI, RFI, Static Electricity
- **NO ELECTRICAL POWER REQUIRED AT SENSOR**

**U.S. Air Force Specifications per AFMAN33-221**

- USAF, AFSSI-3030, PROTECTIVE DISTRIBUTION SYSTEMS
- NSA,NTISSI 7003, National Security & Telecommunication and Information Systems
- Security Intrusion, Protective Distribution Systems
- Mil-STD-750, Methods and Standards
- Mil-STD-883, Single Mode Fiber Optic Cable
- AFI-31-101, USAF Physical Security Program

**VALUE PROPOSITION**

**Low Lifecycle Cost**

- Single mode fiber provides for very long and flexible zone lengths
- Easy to use (requiring less staff training time)

**Best Industry warranty**

- Five years against defects in material and workmanship

**Scalability**

- Modular design
- IP addressable
- Secure up to 128 zones

**High Quality**

- MTBF >200,000 hours
- MTTR <30 minutes

**Highly Accurate**

- High probability of detection (Pd) regardless of weather conditions
- Adjustable sensitivity control of each zone, resulting in low NAR/FAR
- Interferometry provides alarm discrimination

**Government Approved**

- Widely accepted by USAF (the only single mode fiber optic sensor system approved by the U.S. Air Force for the protection of LANs)

## Hardware Features

- Zone processors are rack mounted plug-in type
- Cut-loop detection for operational integrity
- Single mode fiber optic sensor cable is riser rated

## Utility Software Features

- Real-time graphic display mode
- Event recording mode

## Hardware Benefits

- Electronic modules are easily and rapidly replaced and require minimum maintenance
- Alarms are triggered when optical integrity is disrupted by cutting or disconnecting
- Tight-buffer allows easy preparation for termination or splicing
- Rated for indoor/outdoor applications
- Requires minimum maintenance
- Rapid temporary field repairs can be accomplished with mechanical splices

## Utility Software Benefits

- Allows the user to view a real-time graphic representation of events occurring at the zone. Displayed in either a trace or bar graph format.
- Allows the user to record all events occurring on the sensor. These files can then be played back to make comprehensive parameter adjustments based on the recorded results. The recorded files can also be exported

## SPECIFICATIONS

<b>Laser Classification:</b>	Class 1 operational @ 1310nm
<b>Alarm Discrimination Parameter:</b>	User Selectable
<b>Audio Function:</b>	User Selectable
<b>Operating Temperature:</b>	0° to 50° C (32° to 122° F)
<b>Console:</b>	48.26cm W x 81.28cm D x H (TBD) (19"W x 32"D x H (TBD))
<b>Computer/Software:</b>	Windows NT, 2000, XP
<b>Weight: CPU &amp; Monitor</b>	65 lbs. (29.48 Kg)
<b>Serial Data Port:</b>	RS 232
<b>Relay Closures:</b>	User selectable from "C"
<b>OPTICS</b>	
<b>Single-Mode Optical Fiber Sensor Cable:</b>	Varied based on project specifications
<b>Operating Temperature:</b>	-40° to +85° C (-40° to 185° F)
<b>Operating System:</b>	Windows

<b>POWER SUPPLY</b>	
<b>Overload Protection:</b>	Fused
<b>Circuitry:</b>	Solid State
<b>MTBF:</b>	>200,000 hours per Mil Hndbk 217D
<b>Temperature rating:</b>	0° to 50° C (32° to 122° F)
<b>AC input:</b>	100/120/220/240 VAC (47-63 Hz)
<b>AC Current:</b>	2.3/2/1.1/1 Amperes respectively
<b>DC Output:</b>	+5 VDC @ 6 Amperes +12 VDC @ 1.7 Amperes -12 VDC @ 1.7 Amperes
<b>Weight:</b>	17 to 35 lbs (7.7 to 15.8 Kg) (depending on number of zones)
<b>CONNECTORS</b>	
<b>Typical Loss:</b>	0.2dB
Fungus/Water/UV resistant and flame retardant	

