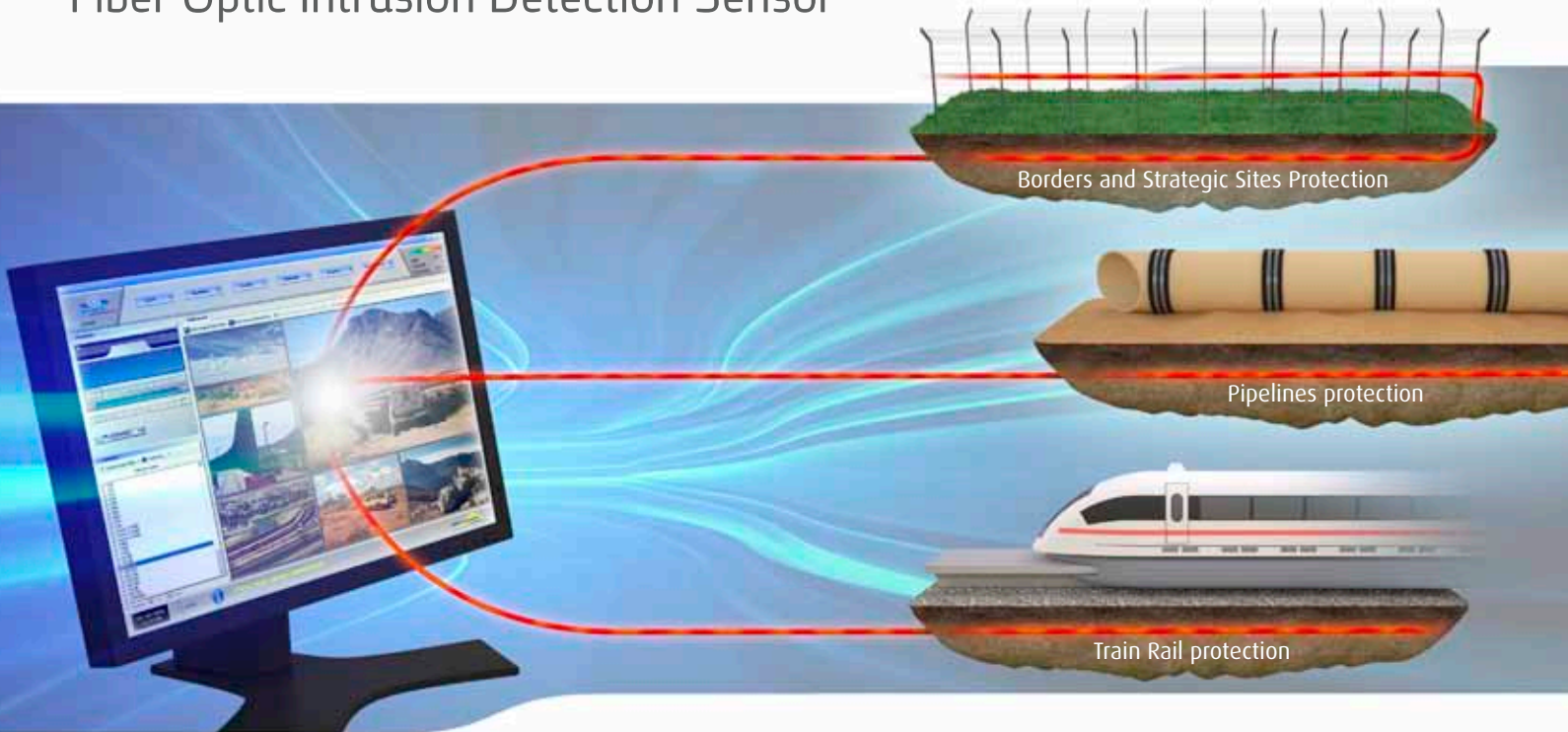


I-PASS

Fiber Optic Intrusion Detection Sensor



An Ideal Solution for Border, Pipe Lines, Railways and Strategic Site Protection

Based on advanced technologies providing high sensitivity, high accuracy, low false alarm rate, and cost-effective operation, Elbit Security Systems I-PASS Fiber Optic Detection Sensor is an ideal solution for border, pipeline, railways and strategic site protection.

Operationally proven buried or on fence, the I-PASS System detects, identifies and locates the noise and vibration patterns of suspect disturbances and potential threats day or night, in any weather condition, including: unauthorized intruders - vehicles, digging, climbing or cutting a fence and border crossing.

Simple to Install on Existing Standard Fiber Optic Cable, Cost Effective, Low Maintenance, Safe and Undetectable



Elbit Systems

Elbit Security Systems

I-PASS

Fiber Optic Intrusion Detection Sensor

Advantages

- Can be used on any existing standard Fiber Optic Single Mode Cable already installed on site
- Easy configuration customization to the customer's specific site and threat characteristics
- Simple installation - buried or on fence
- Industry leading sensitivity
- Accurate detection to within single meters
- Instantaneous detection of events
- Intelligent characterization of detected events
 - Vehicle
 - Human
 - Digging
- GPS integration with full mapping capability
- Built-in integration with Elsec ROTUNDUS command and control system and any other existing security management system
- Multi-platform access for Web
- Intrinsically safe even in explosive environments
- Immune to RF and EMI
- Extremely robust

Technical Data

Max fiber length per system section	40-50Km
Simultaneous Discrimination of unique events	more than 10 events

Typical sensitivity - detection distance from fiber

Digging	25m
Human	15m
Vehicle	40m



• I-PASS detection based C&C center



• I-PASS integrated in ROTUNDUS map display



• I-PASS integrated in ROTUNDUS video display