

# PROTECTING YOUR BOUNDARY WITH THE VIGILANCE OF AN EAGLE

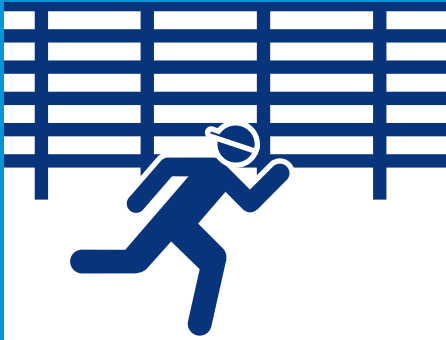


## Fence Intrusion Detection System (FIDS)

Key Features include:

- Fast & Easy Installation
- Highly Sensitive Motion Sensors
- Low False Alarm Rate
- Accurate Analysis of Intrusion Location
- 24/7 Secure Remote Surveillance
- Swift Response

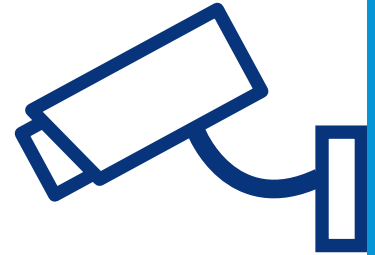
## OPERATIONAL CONCEPT



1. An intruder attempts to breach the perimeter by cutting or scaling the fence.



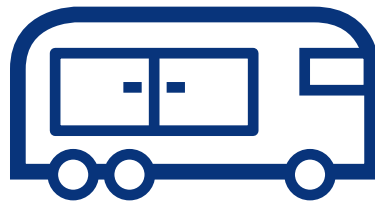
2. When the fence panel is disturbed, the nearest sensor will cause a change in its reflected colour and trigger an alert to the Operation Centre.



3. The nearest strategically placed CCTV on the perimeter is automatically activated to verify the intrusion.



4. The security response team is quickly activated.



5. The security response team is then dispatched to the intrusion location.



6. The intruder is approached before any damage is done. The entire process is monitored by the Operation Centre.

### WHY THE NEED FOR FIDS?

Our world is facing ever increasing security risks. These threats must be anticipated, identified and taken down with pinpoint accuracy. Critical facilities pose attractive top-of-the-line targets. As perpetrators devise new modes of infiltration, security protocols need to adjust accordingly by offering reliable and trustworthy technology solutions.

### HOW DOES IT WORK?

FIDS is a specially designed and developed solution for boundary protection of perimeter fencing. It offers highly accurate and immediate intrusion detection, enabling a facility's security force to respond quickly and effectively. FIDS uses advanced optical fibre sensors, known as Fiber Bragg Grating (FBG), which are extremely sensitive and are embedded in the optical fiber cables to form an array of sensors for boundary intrusion detection. These FBG sensors are used to identify incidents in various situations where any slight disturbances detected on the physical parameters will trigger a response in the optical fiber sensor and translate into an intrusion alert.

As your total solutions provider, AETOS also offers our **Day/Night Thermal Camera**.

Features include Wide Area Surveillance; Thermal Capability; and 37 x Zoom.

We provide the ideal solution for large installations by utilising a minimum number of cameras without compromising coverage and image quality. Complementary to our FIDS, it has the ability to provide immediate and accurate detection of intrusion location. **Day/Night Thermal camera** can be activated to verify the intrusion. This high performance system is ideal for surveillance and remote monitoring of key assets and critical infrastructure.