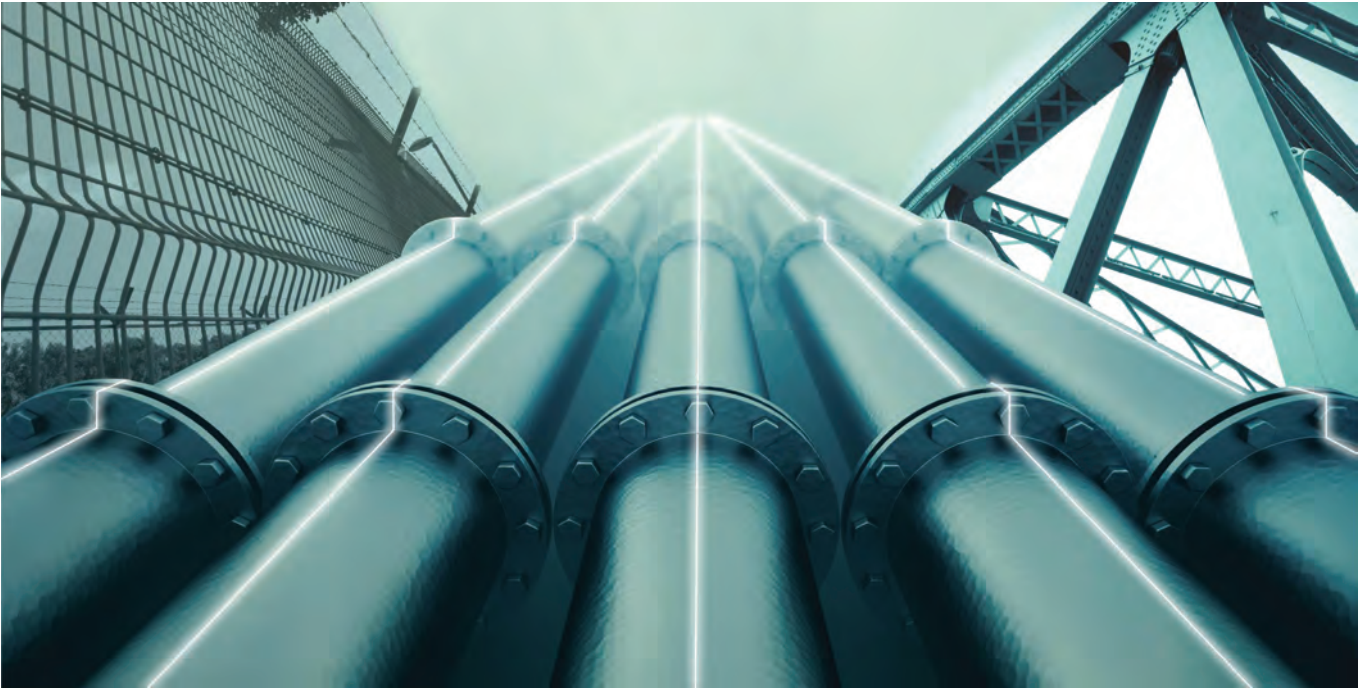


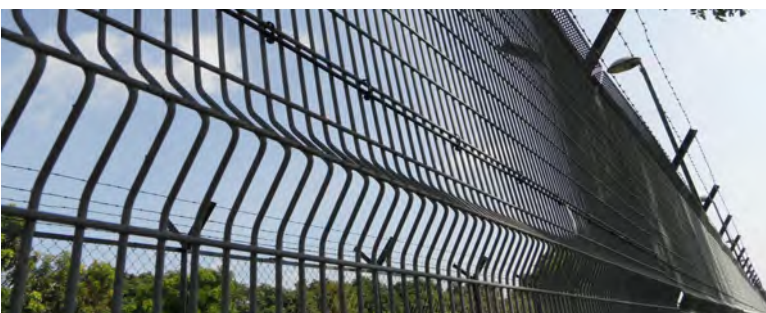
FBG-based Perimeter Intrusion Detection System (PIDS)



Fiber Bragg Grating (FBG) based sensors offer many advantages over conventional electronic sensors for sensing. For example, the patent-filed and award winning FBG-based PIDS sensor provides real-time, fine granularity, perimeter intrusion detection with a stated pin-pointing accuracy. It outperforms its competitors in various intrusion scenarios and the unique sensor packaging structure provides improved sensitivity, crush resistance and protection against rodents.

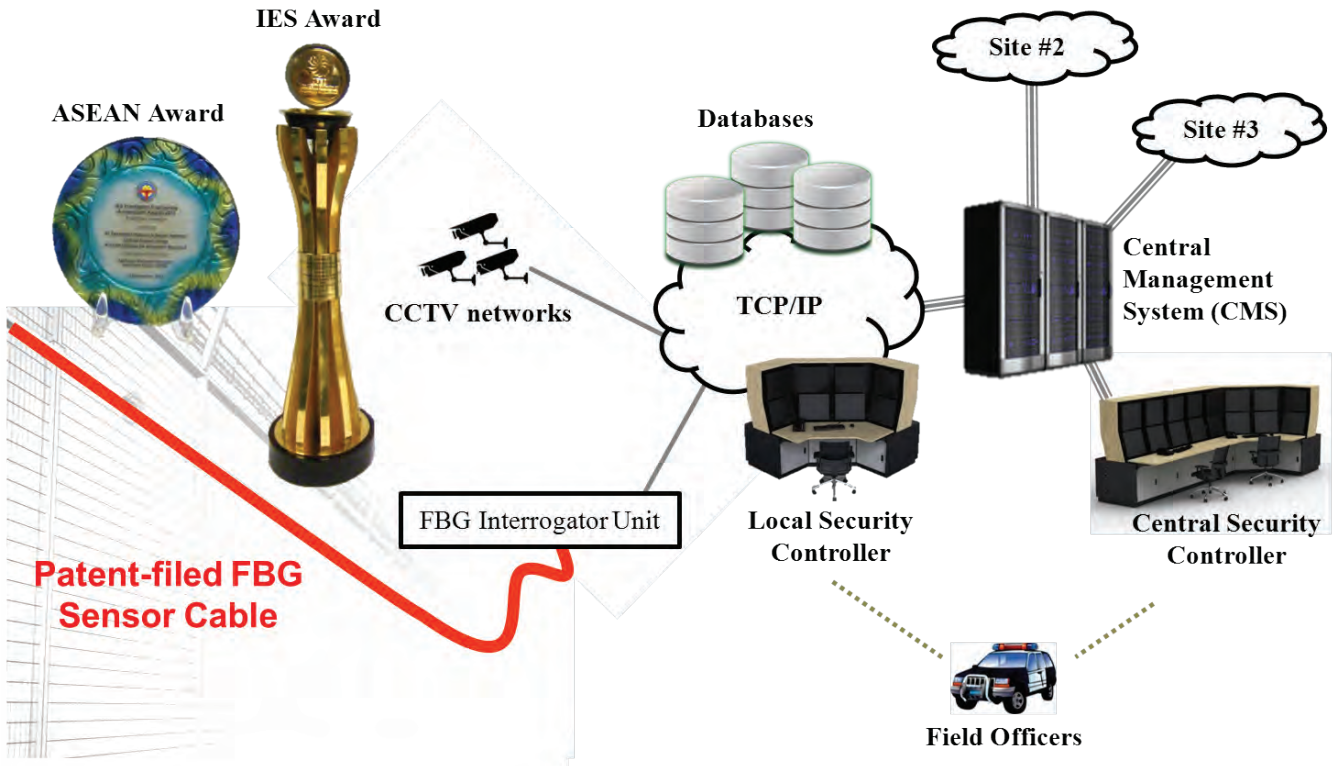
Features

- Easy customisation to any spatial resolution and sensitivity
- Covers very long perimeters fence and/or wall
- Unique packaging structure of the sensor cable provides high sensitivity, crush resistance and protection against rodents
- Accurate pinpointing of intrusion
- High probability rate of detection



Applications

- Perimeter and pipeline security
- Communications link security
- Structural health monitoring



Benefits

- Cost-effective system
- Immune to electromagnetic and radiation influences
- Durable under harsh environment
- High sensitivity and accuracy