



# FIBERSAFE

CUTTING-EDGE FIBER OPTIC TECHNOLOGIES  
FOR REMOTE MONITORING NEEDS



# WHY REMOTE MONITORING

Remote monitoring enables informed decision making and immediate action in emergency situations. Remote monitoring is critical to efficient management of networks,

structures and systems that are exposed to adverse environmental conditions, unauthorized penetration attempts and cyber attacks.



FIBERNET'S

# FIBERSAFE SENSORS



**REAL-TIME ALERTS**

Fibersafe monitors all assets in real time



**NO ELECTROMAGNETIC RADIATION**

Suitable for electromagnetic or HV environments



**LOW MAINTENANCE**

Long-lasting passive sensors



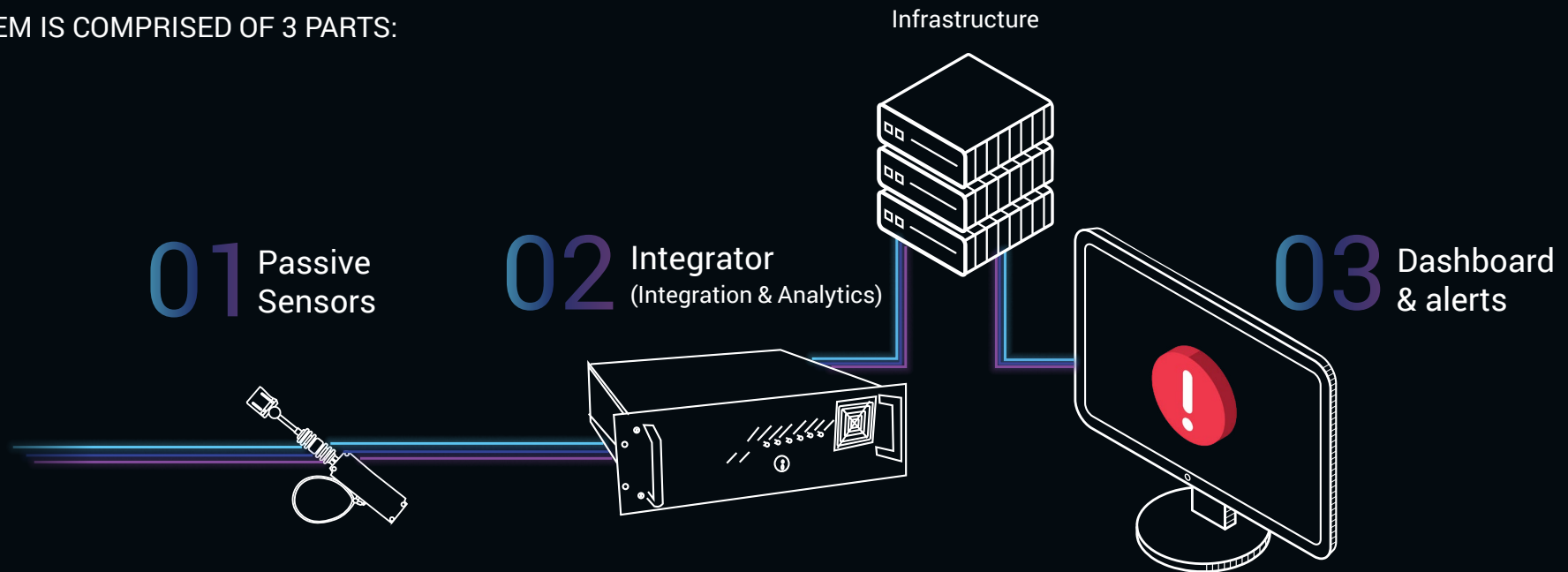
**REAL-TIME PRECISE MEASUREMENTS**

Temperature, strain, bending, tension, pressure, deformation, and vibrations for a wide range of applications

# FIBERSAFE SYSTEM

Fibersafe system is based on advanced fiber optics technology that enables sensing and detecting any deviations from the desired situation and receiving real-time notification to relevant parties.

THE SYSTEM IS COMPRISED OF 3 PARTS:

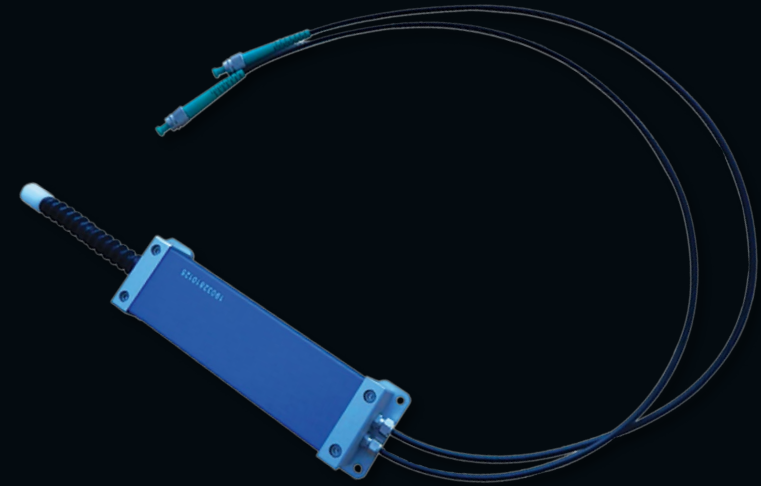


The Fibersafe Integrator collects, and processes data generated by a large number of sensors, enabling remote monitoring of large areas with relative ease while minimizing cost and maximizing resources. Fibersafe Integrator retain large coverage, long-distance monitoring without

amplification. ODTR can be added to the system for classical fiber monitoring purposes, since the passive sensors are embedded directly into the existing system, there is no need for power supply or batteries.

THE RIGHT SENSORS

# MAKE ALL THE DIFFERENCE



No need for energy source or maintenance

Immune to electromagnetic interference

Specifically designed for harsh environments

Real time notifications and alerts

Small, light-weight, flexible configuration with Grow-As-You-Go support

Pinpoints location of potential hazard in cascaded configuration

Cascading dozens sensors within a single optical fiber at random locations

Allows deployment of up to 40 sensors over a 70 km surface area