

powered by
FRG TREMORS
ADVANCED CABLE
THEFT DETECTION SYSTEM



Proactive Protection for Infrastructure and Property

Cable theft continues to pose a serious risk across the UK's infrastructure and property sectors, from rail and energy networks to vacant commercial sites awaiting reoccupation. The impact goes far beyond financial loss: each incident threatens essential services, disrupts operations and damages the assets communities and businesses depend on.

FRG Tremors is an advanced detection and response solution, exclusive to FRG in the UK, designed to detect and stop cable theft before it happens.

How FRG Tremors works

-  **DETECT** - Seismic tamper sensors detect vibration, tilt, and cable movement including laid cable and cable drums in storage.
-  **REACT** - All activity is monitored 24/7 by the FRG Control Centre, which can instantly alert trained patrols for rapid response.
-  **RECOVER** - With GPS tracking, any attempt to remove or interfere with assets is immediately traced, supporting recovery and aiding police action.



DETECT



REACT



RECOVER

VERSATILE PROTECTION



Construction



Rail



Energy



Highways



Telecoms



Vacant Property

FRG Tremors forms part of an integrated security solution, working alongside CCTV, M-PIDs, access control, and patrols for a layered defence.

Pilot Scheme: A Proven Success

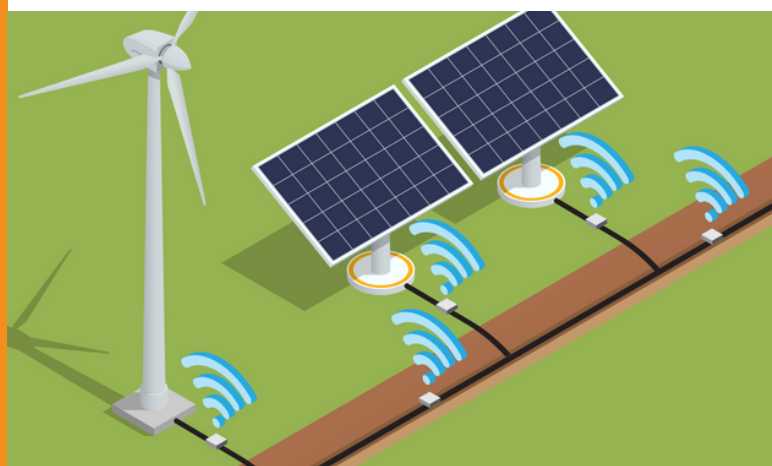
Location: Six sites at rail EMP works

Objective: Protect feeder lines and signaling cables pre-commissioning

Implementation..

- ✓ One sensor on every cable drum in storage
- ✓ One sensors on every 250m of laid cable awaiting commissioning
- ✓ Sensor locations tagged via what3words
- ✓ Sensors monitored by FRG control room
- ✓ Canine patrols simulate cable layout and tracked using Coredinate software
- ✓ Full lifecycle monitored from storage to commissioning

Results: Zero thefts across all sites



First Response Group
Total Security, Risk & Facilities Management

**Exclusive
to FRG in
the UK**



DETECT



REACT



RECOVER

Why Choose FRG Tremors?

- ✓ **Keep operations running:** avoid costly outages, damage, and delays
- ✓ **Lower costs:** reduce repair, replacement, and insurance expenses
- ✓ **Recover assets:** GPS tracking supports police recovery of stolen assets
- ✓ **Reduce risk:** minimise vandalism, trespass, and health & safety incidents.
- ✓ **Meet compliance:** demonstrate proactive, auditable asset protection
- ✓ **Comprehensive protection:** continuous asset monitoring from storage and transit through to installation and commissioning
- ✓ **Faster turnaround:** keep assets ready for reoccupation or commissioning
- ✓ **Flexible use:** suitable for a wide range of environments, from critical infrastructure to vacant buildings
- ✓ **Scale easily:** effective for single properties or large, remote and exposed portfolios
- ✓ **Integrated approach:** forms part of a layered security solution for a stronger, multi-tiered defence

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