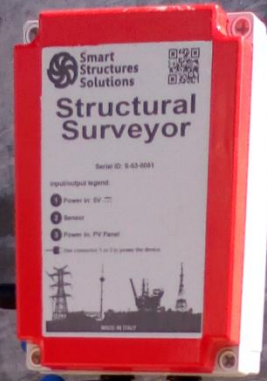


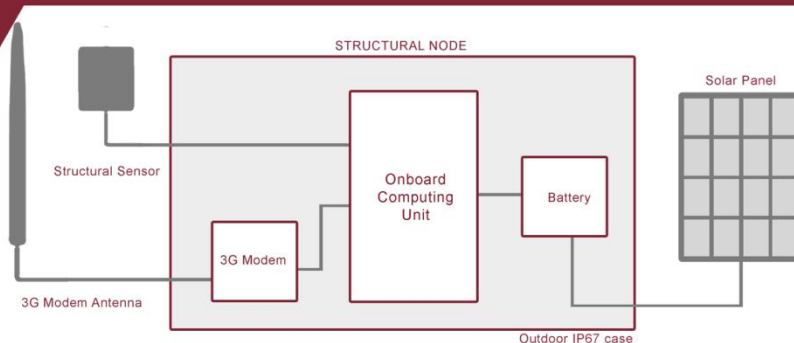


Structural Surveyor



Structural
Integrity
Monitoring System

Structural Integrity monitoring system



The **Structural Surveyor** is a local device that has the task of collecting data relative to the typical vibration frequencies of a structure.

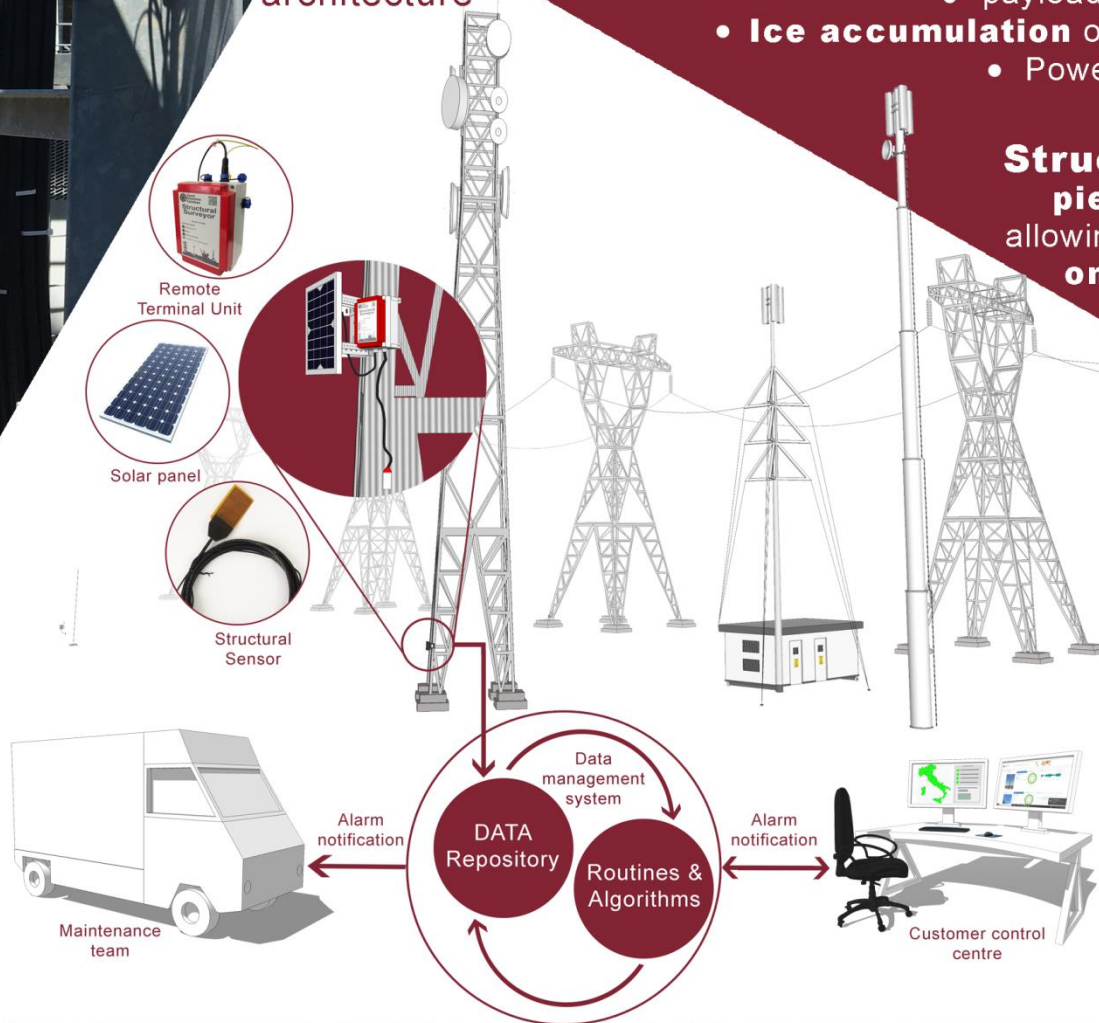
The **Structural integrity system** allows the customer to have a **permanent monitoring** of the asset's structural conditions **remotely**.

Without the need of a field intervention it is possible to detect:

- presence of **structural damages** on the entire structure
- problems in structural **foundations and anchorages**
 - payload **mass variation** survey
- **Ice accumulation** on conductors (power lines)
 - Power lines **theft protection**

Structural Surveyor uses **piezoelectric technology** allowing to be **easily installed on eye level** using a mount structure adapted to the specific asset.

System architecture



Service applications

- Telecommunication towers
- Power distribution pylons
- Rooftop telecommunication structures
- High-mast lighting
- Guyed towers & mobile BTS

A customer premises based monitoring solution for asset management

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