THE CONNECTED INFRASTRUCTURE SOLUTION
MONITORING HOW STRUCTURES EVOLVE

Loadsensing is the leading solution to connect infrastructures in remote locations. Battery-powered and with long-range LPWA radio communications, Loadsensing is compatible with a wide range of geotechnical sensors.

Mining and construction companies and operators of bridges, tunnels, dams, railways or many other inaccessible assets now have access to reliable periodic readings at a fraction of the usual cost.

Having access to this data, analytics and real-time insights enables operators to anticipate needs, predict changes, manage workforces, and diminish risks.
**HOW IT WORKS**

**CUSTOMERS**
- Cities and Governments
- Mining
- Civil Infrastructure Operators
- Construction

**IDEAL FOR**
- Civil Engineering
  - LIM Linear Infrastructure Monitoring
  - SHM Structural Health Monitoring
  - Geotechnical Monitoring
- Dams, bridges, buildings, tunnels, railroads
- Mining
  - Open pit mines
  - Monitoring key infrastructures

**COMPONENTS**
- Dataloggers
- Wireless LPWA communications

**FEATURES**
- Long-range communication of over 9 miles / 15km
- Truly low power, 10 years of unattended runtime
- Supports most structural and geotechnical sensors
- Wireless LPWA communication
- Integrated alarm system
- User-friendly web software

**BENEFITS**
- Leverage already formatted data to optimize operations
- Remotely monitor hard-to-access infrastructures
- Cover a wide area with geotechnical sensors
- Easily add sensors to extend measurement range
- Save resources through fast implementation
- Decrease costs through easy maintenance
- Diminish risks and make operations safer