



CONSORCIO
IUYET

MONITORING & SENSORS



Industrial sensing technology through the Internet of Things (IoT) for wireless monitoring of the construction industry.



SERVICES

- Track stability and geometry through wireless inclination meters.
- Analogue and digital track structure monitoring/analogue and digital nodes.
- Monitoring of the subsoil to prevent possible defects in the track, trackbed and ballast.
- Monitoring of surrounding stability such as: embankment slippage, rockfall along a railway line, retaining wall inclination and cracks, and tunnel convergence.

BENEFITS

- Data collection and analysis.
- Communication.
- Data access and monitoring network.
- No field survey required.
- Individual link configuration.
- Robust and reliable wireless communication (emergency services).
- No setup time and the benefit of leaving the site with peace of mind.