



VIBRATION MONITORING SERVICE 24/7



CONTACT



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EXPERTS IN:

- VIBRATION AND STABILITY MONITORING
- ENVIRONMENTAL MONITORING
- STRAIN MONITORING

ENTERPRISE:

- **SOLMIN TECH**
 - . Proyectos IBAE S.A de C.V.
 - . RFC: PIB020319B60
- Torreón, Coahuila, MX
 - Rodriguez #20 Col.
 - Centro. CP 27000

SERVICE NAME:

Continuous Vibration Monitoring Service for Critical Infrastructure. All-Inclusive Rental: Equipment, Installation, Calibration, Maintenance, Technical Support, 24/7 Monitoring. AI-Powered Reports.

APLICACIONES:

- Mining and Civil Engineering.
- Dams and Hydraulic Structures.
- Slopes and Hillsides.
- Machinery and Equipment.



OBJETIVE:

Early detection of movements or vibrations that may lead to collapses, structural failures, damage to infrastructure, equipment or machinery.

TECHNOLOGY:

- Triaxial Vibration and Acceleration Sensors.
- Wireless Communication (Wi-Fi / LoRa / 5G, Ethernet).
- Cloud Platform with 24/7 Visualization.
- Automatic alarms based on configurable critical thresholds.
- 24/7 monitoring by our team of specialists at our control center.

DATA DELIVERY FORMAT:

- Weekly, bi-weekly, and/or monthly AI-powered reports.
- Real-time cloud access.
- Export in WLG, PDF, and JPG formats.

BENEFITS:

- **Prevention of Accidents Due to Structural Failures.**
- **Prevention of Human, Material, and Environmental Losses.**
- **Optimization of Predictive Maintenance.**
- **Predictive Reports with Artificial Intelligence.**
- **Improved Operational Decision-Making with Real Data.**
- **Compliance with European Standard DIN-4150-3.**

DATA BACKUP:

In the event of a power outage or loss of network connection, the device stores data and records internally. Our device has batteries that allow it to operate for up to 30 days without power. When power is restored, the device automatically recharges its batteries.

And when communication is restored, the device sends the data to the cloud without loss.