

Stationary Infrastructure Monitoring (STIM)

Detect Early. Prevent Failures. Stay on Track.

The Challenge:

The future of rail mobility depends on achieving higher safety standards, better passenger comfort, shorter travel times, and improved punctuality – all while running more trains on aging infrastructure.

Our Solution:

STIMs high-precision, wireless 3-axis tilt and movement monitoring enables you to gain valuable insights of your assets. Whether it's railway or road infrastructure, buildings, civil engineering structures, tunnels, or geological applications – our sensors provide an accurate representation of the state and make this information available to you anytime, anywhere.



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Our services

- **Continuous Measurement & Data Collection:**
Precise condition monitoring delivers meaningful measurement data for reliable analysis
- **Reliable Alerting:**
Automated alerts via SMS and email when thresholds are exceeded
- **Rapid and non-disruptive deployment:**
We keep sensor systems in stock at all times and you can install up to 60 sensors per hour to realize your projects quickly. All work can be carried out under live traffic, in between train slots
- **Integration & Reporting:**
Intuitive reporting tools and seamless integration with existing systems ensure maintenance teams receive actionable insights quickly and effectively.

Your advantages

- **Data-driven decision-making:**
Provides a clear advantage in maintenance and safety because it replaces guesswork with real, continuous insights. By analyzing operational data from sensors and systems, companies can detect early warning signs of failures and act before problems occur.
- **Optimized Track Maintenance:**
Plan and execute your maintenance based on reliable data, directly from the source.
- **Higher Safety:**
If rapid changes occur, you will be alerted immediately, no matter if the track settles or a landslide happens.

Your contact

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