



**Systemtechnik**



# Monitoring solutions for your infrastructure

**Our infrastructure monitoring solutions provide you with continuous information to detect and avoid potential problems early on.**

**CTM:** The Continuous Track Monitoring measurement system for regular trains continuously monitors the „longitudinal level“ parameter of the track geometry in terms of inspection quality.

**COLM:** The Continuous Overhead Line Monitoring measurement system for regular trains continuously monitors the essential parameters for the interaction between the pantograph and the overhead line.

**STIM:** Our Stationary Infrastructure Monitoring solution. Stationary tilt sensors provide reliable data about the condition of embankments, tunnels, bridges, buildings, plots of land, roads and much more.

## Our services:

- Advice on the best monitoring solution for you
- Selection and procurement of sensor technology
- Integration into your rail vehicles or stationary infrastructure
- Certification and approval of measuring instruments on rail vehicles
- Operation of measuring instruments
- Data transfer and data analysis

## Your benefits:

- Our monitoring solutions impress in terms of their reliability, the quality of their measurement results, and their robust system architecture.
- With **CTM**, you can optimise your track infrastructure maintenance while achieving a cost savings of up to 30%.
- With **COLM** you can detect overhead line faults early on.
- **STIM's** powerful sensor technology, which is completely autonomous thanks to an external power supply, will also enable you to detect faults on many other railway infrastructures in future and ensure that they are repaired in good time.
- **Monitoring as a service:** Simply avail of our online solution – we will take care of the rest.

**Our  
knowledge  
is your success.**

