



COMPONENT TEMPERATURE MEASUREMENT

Digital Performance on Track®

Our Temperature Monitoring Solution is vital for track and component health. It utilizes data from newly installed or existing temperature sensors which is supplemented by weather data in order to precisely determine rail temperatures. This valuable information optimizes planning for maintenance work on the track (e.g. tamping and welding) and aids in diagnosing and forecasting switch failures. Improve railway efficiency and maintenance strategies with our advanced temperature monitoring technology.

- » Empowers predictive and prescriptive maintenance
- » Minimizes and shortens downtimes for superior overall performance
- » Extends the lifespan of assets and components
- » Decreases maintenance expenditures
- » Increases availability and profitability

Improved Turnout Reliability:

Diagnose and forecast turnout failures based on temperature measurements, ensuring prescriptive measures to prevent disruptions and enhance system reliability.



Enhanced Maintenance Planning:

Utilize accurate temperature data to plan tamping and welding work on the track thus optimizing maintenance schedules and reducing downtime.



Optimal Temperature Insights:

Monitor temperature's impact on track and components, enabling data-driven maintenance recommendations and improved operational efficiency.

Cost-Effective Monitoring:

Utilize existing or newly installed temperature sensors, supplemented with weather data in order to efficiently determine rail temperatures thus reducing installation complexity and costs.