



SWITCH DEVICE MONITORING

Digital Performance on Track®

Our Switch Assembly Monitoring Module ensures safe switch operation by monitoring critical rail positions. Detecting distance deviations between switch and stock rail and estimating the nearest flangeway prevents unsafe operation. Additionally, it tracks mechanical parts for plastic deformation, laps, burrs, wear and RCF. Early detection allows prescriptive measures, prolonging component lifetime and enhancing safety and availability as well as improved life cycle costs.

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

Safety Assurance:

Monitors all critical rail positions, ensuring a safe switch operation. Prevents accidents by detecting deviations exceeding safe limits.

Operational Reliability:

Real-time monitoring enhances operational safety, reduces downtime and improves overall system reliability.



Improved Life Cycle Costs:

Early fault detection prevents component failure, reducing replacement costs and increasing system availability and safety.

Component Longevity:

Tracks mechanical parts for wear, RCF, laps and burrs. Early detection allows prescriptive measures, prolonging component lifetime.