ZTR

Pivot

RAILCAR REMOTE MONITORING

REMOTE REPORTING

TELEMATICS FOR RAILCARS

Advanced Railcar Remote Monitoring

Pivot is a cutting-edge Railway IoT solution that monitors and delivers reliable railcar information, empowering superior supply-chain coordination, optimized asset utilization, and lower operational costs.

BENEFITS

Enhanced Supply Chain Efficiency

- Make informed decisions backed by reliable data.
- Effectively plan logistics by tracking accurate railcar location.
- Reduce dwell and cycle times.

Optimized Asset Utilization

- Avoid overuse and underuse of railcars.
- Reduce need of additional equipment.
- Allocate resources efficiently.

Cargo Protection

- Prevent cargo loss from mishandling or damage.
- Prevent unauthorized access and safeguards against theft

Minimized Downtime

- Minimize accidents and operational disruptions.
- Analyze and address issues quickly.
- Reduce maintenance costs.
- Ensure reliable transportation of goods.

KEY FEATURES

1

Location Monitoring and Impact Detection

Track the exact location of railcar and detect significant shocks to the railcar

2

Door/Hatch Status Monitoring

Instant updates on the open or closed status of door/hatch

3

Load/Empty Status Updates

Updates about the loaded/unloaded status of the railcar

STOP 4

Handbrake Engagement Detection

Status updates on the engaged or released handbrake

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Why Pivot?

Long-lasting Battery: Up to 10 years of battery life with no reliance on solar.

Quick Installation Anywhere on the Railcar: Available for all types of railcars, installed in under 10 minutes.

Seamless Integration: Integrates into existing railway systems, minimizing disruption during implementation.

Intuitive and User-friendly Interface: Easy to use with comprehensive reporting, fleet analytics and insights.

Encrypted and Secure: Industry grade encryption protocols to safeguard all transmitted data.

C1D1 Certification: Pivot is intrinsically safe in hazardous conditions and is built to withstand challenging rail conditions.

Wide-range sensor coverage: Data transmitted on industrial bandwidth, with device transmission unaffected by dirt or debris.

Powered by BlackBerry: Built in partnership with BlackBerry, leaders in asset tracking solutions.

Pivot offers a robust and reliable railcar remote monitoring solution, designed to meet the diverse needs of rail shippers, lessors, OEMs and railroads while prioritizing security, ease of installation, and data accuracy.

With over 35 years of Railway and IoT experience coupled with industry leading 24x7 customer support, ZTR provides a railcar remote monitoring solution you can trust.

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