



Railcar Monitoring Solution



Railcar Monitoring

How PIVOT™ helps your fleet

As an advanced railcar remote monitoring solution, PIVOT integrates with existing business systems and meets new railway efficiency requirements to help you see beyond location. Avoid downtime, prioritize maintenance requirements, increase reliability and more. With innovative features and advanced options, ZTR PIVOT offers full flexibility that maximizes your investment.

- Measure and understand container loads and usage
- Optimize fleet operations by knowing railcar status changes
- Increase cargo capacity with space utilization reading
- Protect cargo integrity

Deliver the services your customers want

Harness the power of railway IoT technology for unparalleled fleet visibility and asset utilization. Whether you're a shipper, lessor, lessee, or railroad, get advanced railcar insights with PIVOT, the digital monitoring solution of the future.



Flexible and expandable

From simple monitoring to more complex fleet management data, you can expand your solutions to add sensors where you need them.

Dependable

With over 30 years of Railway and IoT experience and 24/7 support, ZTR in partnership with BlackBerry, provides a telematics solution you can trust.

Built to last

Our solutions use longer-lasting batteries, so even with frequent reporting, they last for years without any additional maintenance requirements.

Cost-effective

We help you stay on-budget with cost-effective, customizable solutions that deliver accurate, reliable and frequent information across your fleet.

Easy to install

Designed with railroad standards in mind, our rugged hardware options provide fleet information quickly and easily with custom installation kits and short installation times.

Accessible and secure

An intuitive, user-friendly platform and customizable sharing options let you access and share data anywhere, anytime.



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Expand your fleet performance

Railcars contain a lot more than cargo.

From real-time location to mileage and load status, there is lots of valuable data you can capture to gain a better understanding of your railcars. Customers want to know, with greater immediacy, where their freight is, when it is going to arrive, and how these factors will affect their own operations.



Usage

Learn how your railcars are really operating, whether they are underused, overused, or misused. Reduce associated expenses - purchase, operation, and maintenance - and right-size your fleet for optimal productivity.



Visibility and Security

Exceed customer expectations and meet demands for supply chain visibility by sharing data with the right people, through the right channels, at the right time, securely.



Maintenance

Challenge traditional maintenance methods and lower costs by improving service quality and decreasing issue response time.



Velocity and Efficiency

Maximize overall velocity and operational efficiency by understanding dwell and cycle times, knowing where your assets are, and reducing lost railcars.



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Gain a competitive advantage

PIVOT™ combines decades of railway expertise with industry-leading communication, battery management, and security technology from BlackBerry® to deliver a powerful railcar monitoring solution. Gain new understanding of utilization and fleet size needs to optimize your assets' performance.

Improve the flow and exchange of goods by driving process efficacy and eliminating bottlenecks. Give your customers what they're looking for - supply chain visibility.

Benefits

- Strong partnership with BlackBerry® – leaders in security and power management.
- End-to-end secure data transfer.
- A forward-looking roadmap to suit the industry and evolving communication landscape.
- Capable and expandable to support future wireless sensor deployments.
- Independent power management - not reliant on external factors such as solar energy.
- AAR S-2045 and EN 51055-compliant, among others.
- Device installation and activation designed for efficiency and accuracy.
- Over-the-air software updates.
- System integration (API) ready.
- Supports data brokerage opportunities.



The future is *insight*.

Contact your ZTR Account Manager for more information.

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