TRINITYRAIL
BUILT TO DELIVER®

TRINSIGHT®

RSI LOGISTICS

Real-time Visibility, Telematics and Logistics Solutions

Trinsight • ***Railpulse*** • ***Logistics***

April 15th, 2024

DELIVERING GOODS FOR THE GOOD OF ALL

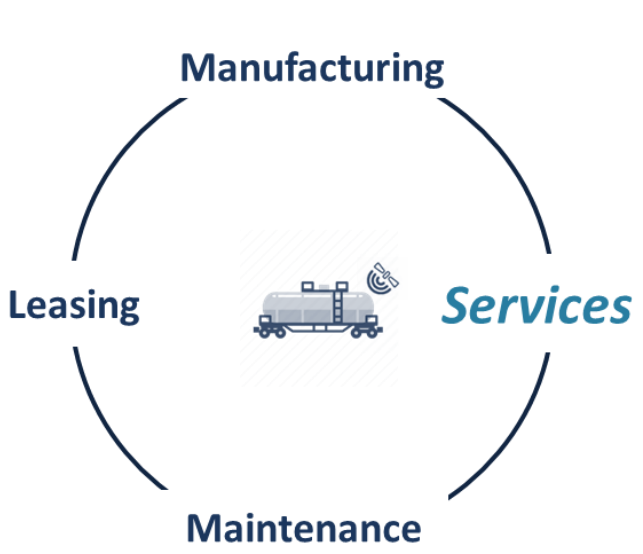
To Make Rail Easy to Use

Started with the Core

Railcar Lifecycle Platform
The Asset

+ added shipper services

Shipment Services Solutions
Use of the Asset



→ Making it easier to use rail

Supply Chain Network Optimization
End to End 1-stop Shipper Partner

TRINSIGHT™ POWERED BY TRINITYRAIL | RAILPulse | QUASAR powered by CANDO | RSI LOGISTICS

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Rail Supply Chain Service Menu

Shipment Monitoring | **Telematics** | **Yard Management** | **Data as a Service** | **Logistics, Intervention** | **Transload Terminal Operations** | **Mobile, On-site Maintenance**

Logistics Operations	Procurement & Planning	Order Mgmt.	Empty Inbound Railcars	Load Railcars	Shipment Execution	Shipment Visibility, Tracking	Railcar Unloading	Freight Audit	Fleet Maintenance	Data as a Service

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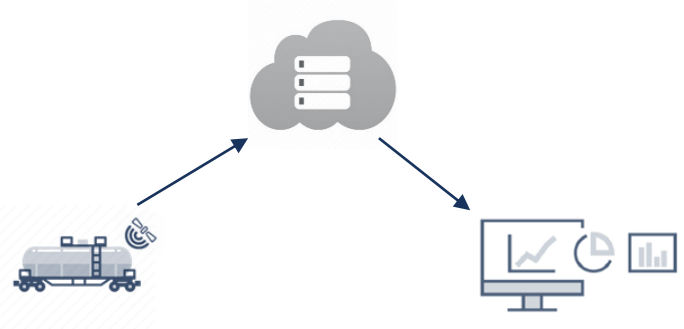
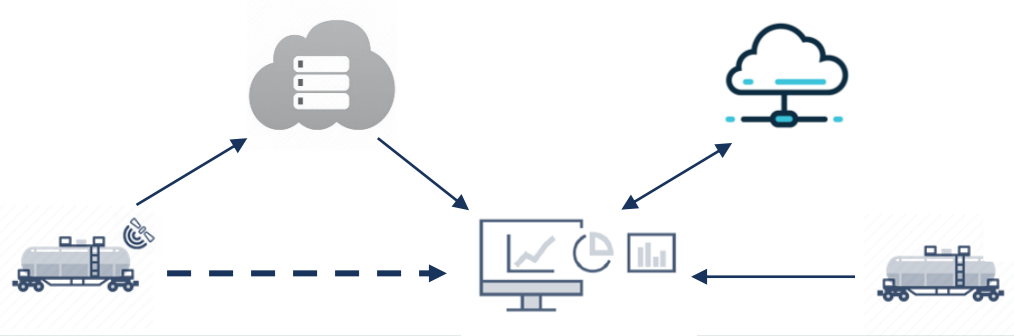
Understanding Trinsight and Railpulse

"TRINSIGHT is a Solutions Integrator with Railpulse Protocols"



RAILPulse

Promotes **common language for data sharing**, aiming for **telemetry adoption.**



TRINSIGHT™

Builds on **Railpulse** protocols to provide shippers with logistics solutions, integrating both GPS and non-GPS fleet in a single platform.

Solutions include *real-time planning, data analytics, and access to customized logistics services, all while ensuring shippers have complete control over their data.*

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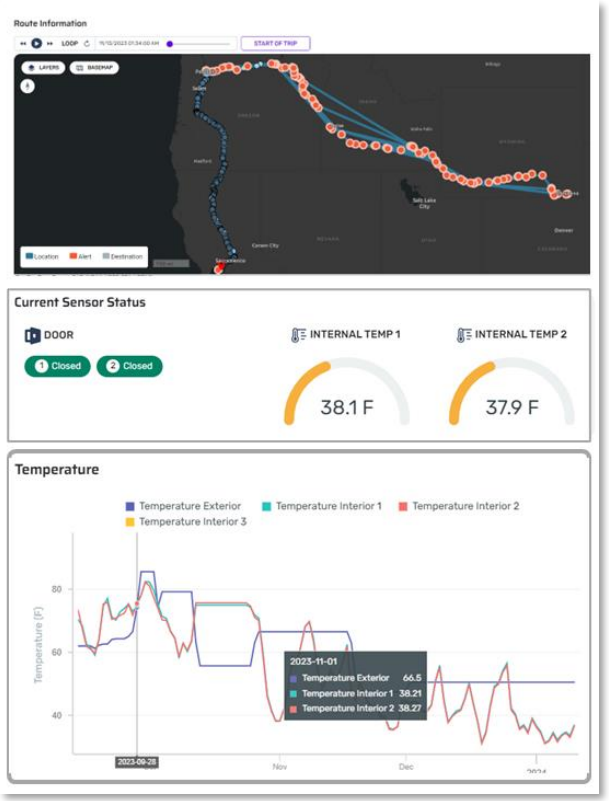
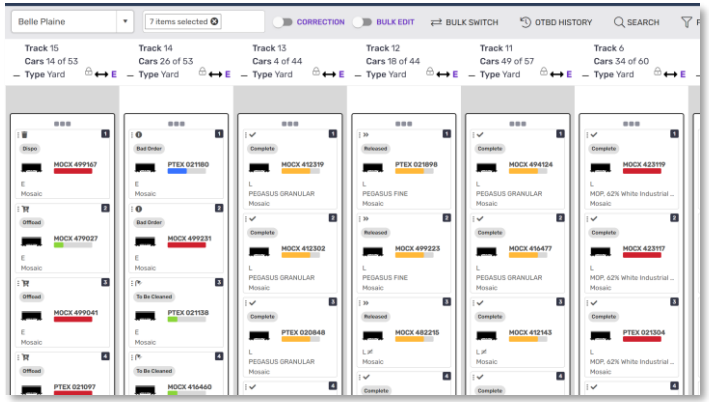
Trinsight *Generates Analytics* that Enhance Rail Shipper Logistics

Trinsight

Shipment Visibility Management

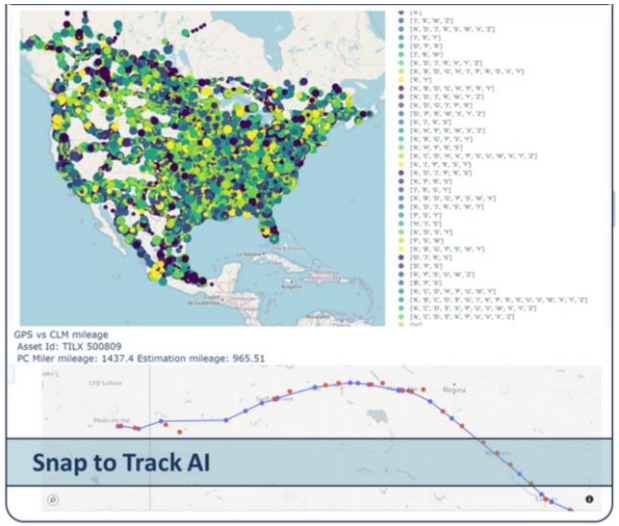
Integrated new GPS and Sensor, Data with CLM





Yard Management

Improved operational efficiency, new inventory status, trend reports



Data Analytics and Artificial Intelligence

- *Apply Data Science to ETA*
- *Reduce Bad Order set out probability*
- *Identified under reported mileage to settle dispute*

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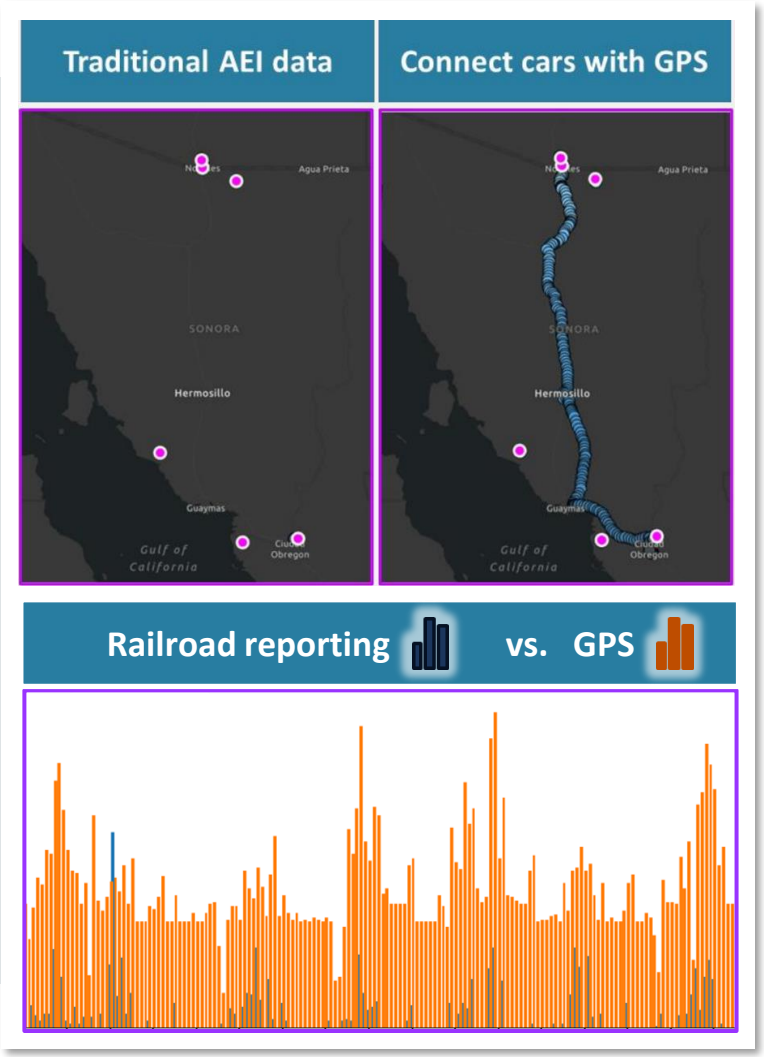
GPS Enhances Key Event Data Timeliness and Transparency

Problem

- Cars spend 2/3 of the time in the 1st/Last mile and at interchange
- Car owners lose asset visibility where data gaps of 5+ days occur
- >20% of the time "Car Placement" events are not reported
- Dependency: key events such as begin-charge at these locations

Solution

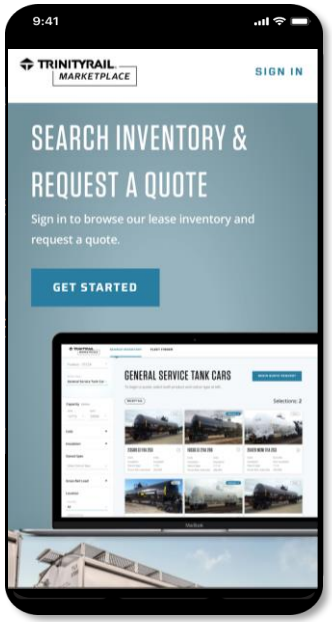
- GPS enables coupling Lat-Long with pre-defined geofences
- This supplements human reporting dependency on critical events
- Machine Learning on event clustering will further automate key event reporting



TrinityRail: Shipper Centric Technology Solution and Services

Car Capacity → **Logistics Services Yard Management** → **GPS Connected Cars Data as a Service** → **Transload terminals Mobile Maintenance**

Railcar Marketplace



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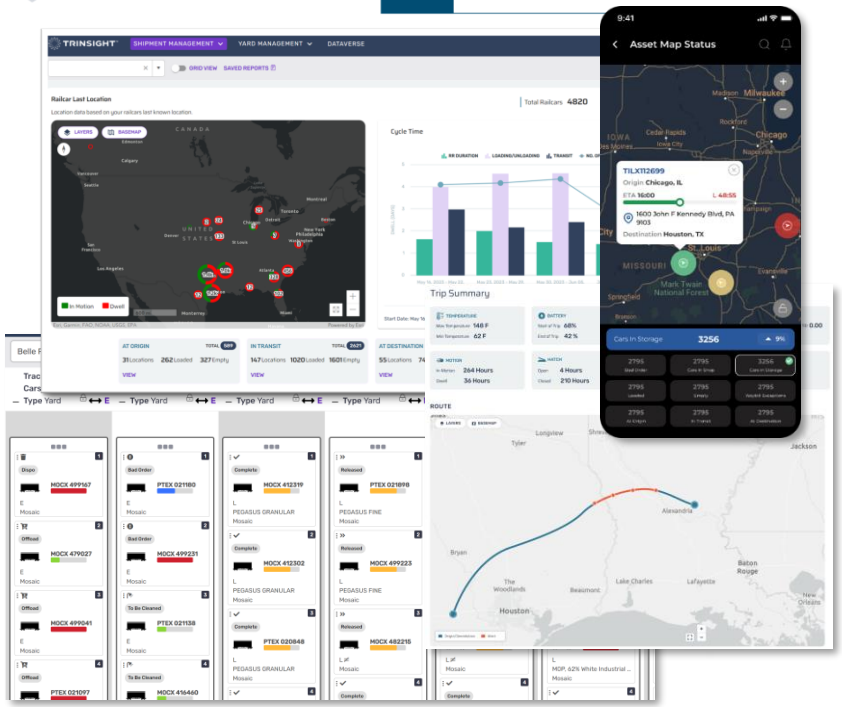
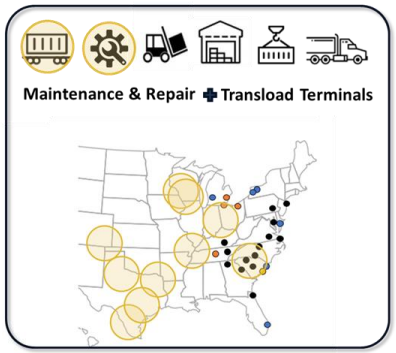


Field Services Network



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