Fuel Efficiency

Optimize your fuel savings through advanced monitoring, reporting, and alerts

Fuel represents one of the most significant cost expenditures for a railroad. Through customized monitoring, Wi-Tronix provides insights that allow customers to save annual fuel spend, reduce environmental impacts from emissions, report on fuel inventory and consumption by specific geographical regions, and more. Monitor, report, and take action to continuously improve your operations.

Reduce excess idle
Receive actionable, real-time excess idle alerts. Use custom geofences and analyze historical data to identify patterns and reduce overall idle time.

Vendor reconciliation
Reconcile fuel received to fuel invoiced, and only pay for fuel received.

Out-of-fuel alerts
Know when your assets are running low on fuel. Use geofences to see locomotive location and know who is responsible for taking immediate action.

Fuel consumption scorecard
Measure train-to-train variation by locomotive, fleet ID, category, and region.

Patented technology improves accuracy
Patented Wi-NAV technology improves fuel readings by compensating for track grades, pitch, and roll of the locomotive. Remote monitoring of fuel levels provides real-time alerts for fuel drops and refuel events.

Locomotive utilization
Track asset usage over time to get optimal use of your locomotives and right-size your fleets.

Fuel consumption trends
Understand a locomotive's fuel performance month-over-month by leveraging energy calculations to compare energy-to-fuel burn.

Fuel sensor health
Use the Fuel Sensor dashboard for early warning signs of sensor failures.

Visit www.wi-tronix.com or contact us at sales@wi-tronix.com for more information.