



Trip Optimizer

Increase adoption for fuel savings

Ensure on-time locomotive arrival with the least possible fuel usage with real-time Trip-Optimizer reporting to the Fuel Desk, Dispatch, and Road Foreman. When properly utilized and immediate, correct actions are taken, fuel savings are shown to be as great as 18%.

How it works

With Wi-Tronix Trip Optimizer Usage alerts, a real-time notification is sent via email, text or in-browser when three criteria are met:

1. A train that has a Trip Optimizer-equipped lead locomotive crew changes or leaves an origin station
2. The locomotive travels more than 12 miles from the station boundary
3. Trip Optimizer has not been enabled

The addition of a fleet map provides users with a network view for Trip Optimizer status and utilization on all assets through the Wi-Tronix portal.

Wi-Tronix leads the front

Data analysis shows that at the departure station, Train Consist Lead information is accurate only 50% of the time vs. Wi-Tronix estimated lead (using event recorder data) is shown to be 80%+ accurate.

Wi-Tronix Trip Optimizer Usage alerts only triggers on a Trip Optimizer equipped locomotive, reducing the number of false alarms.

Customers who have found maximum value from the Wi-Tronix Trip Optimizer Usage Alert solution are sending the notifications to their 24/7 manned fuel desk and have integrated their dispatch desk for corrective action.

The ability to evaluate Trip Optimizer usage in near real-time (every 10 minutes) is currently being tested.

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



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