



Precision Scheduled Railroading

Precision Scheduled Railroading (PSR)

PSR focuses on customer service through point-to-point schedules developed and Implemented by Hunter Harrison at several Class 1 Railroads. PSR principles include:

- Point-to-Point Scheduled Operation.
- Minimizing in-transit changes or additional handling.
- Safe Operations to maximize asset utilization and improve productivity.
- Strict control of all types of costs across the organization.
- Valuing, developing, and empowering employees at all levels.



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Tool for Implementing & Enhancing PSR

Wi-Tronix offers many ways to help implement PSR. Either through Web portal applications or B2B connectivity, Wi-Tronix can enable or enhance your operations with real-time data access, data analytics, automatic alerts, and more. Wi-Tronix has you covered for PSR.

Value Category	Implementation Value
Fuel Monitoring	Accurately track fuel levels, refuel events, fuel theft, and have automatic alerts for fuel levels, and more.
Locomotive Idle Reduction	Save costs monitoring AESS and APU systems for proper operation, monitor operator setup condition for maximum fuel savings.
Locomotive Tracking	Track locomotive locations, be alerted for excess yard dwell time, geo-fences and virtual trip-wires allow for additional.
Service Delivery & "Last Mile"	Track the "last-mile" of service ensuring prompt service to customers, geo-fences and virtual trip-wires and alerts combine for real-time knowledge of pick-ups and drop-offs.
Train & Crew Performance	Track performance on a train level – performance to schedule, performance to fuel targets, and more.
Horsepower-per-Ton Compliance	Automatic tools for horsepower-per-ton dispatch rules compliance monitoring and help save additional fuel.
Safety	Monitor and enforce operating rules with alerts for train overspeeds, mobile phone usage, hard-couple notification, and other operation rule violations.
Timely Notifications for prompt actions	Immediate access to real-time data via alerts, web portal or other links for operations or mechanical incidents or investigations.