



Foundation Package

Wi-Tronix provides unprecedented visibility to your rail network using the most advanced IoT platform.

Up-to-date information from your fleet is continuously available to you securely via the web. Edge and Cloud solutions combine with event recorder and video data to help your operations run smoothly.

Benefits

Wi-Tronix integrates data from all available sources on your rail vehicles on an unprecedented scale for rail companies. This access to comprehensive time-synchronized data, coupled with sophisticated edge computing, artificial intelligence, and cloud-based SaaS solutions, gives you the ability to take prompt, effective action on critical issues impacting safety or operations.



Safety, Risk Management, and Compliance Support

Alert-driven automatic and on-demand event recorder and video downloads for efficient remote investigations including milepost and subdivision track data integration



Transportation Operations Support

Remote access to rail vehicle utilization and status, vehicle handling alerts, and vehicle operation, location, and crew monitoring reports



Mechanical Maintenance Support

Configuration management for on-board devices, rail vehicle health status and commissioning, remote access to vehicle control computer system fault logs, and maintenance facility scorecard metrics



Energy Management Support

Remote fuel data, excess idle dashboard, and alerts



Maintenance of Way (MoW)

Track work authority and speed restriction monitoring and alerts of track issues

Why Wi-Tronix?

Our Solutions Have Transformed the Industry... Again.

The Wi-Tronix Solutions Packages approach is unmatched in the industry. We offer Advanced Solution Packages for complete control of your data.

Advanced Solution Packages are available incrementally to build upon the Foundation Package Solution.

Contact your sales representative or reach us at sales@wi-tronix.com for detailed discussions on how the Wi-Tronix Foundation package can help your operation.

Included In The Foundation Package

Data Acquisition, Normalization and Fusion

Edge and Cloud data processing and data logging capabilities with auto-discovery of on-board devices allow downloads in native file formats for time-synchronized and standardized vehicle data to enable easy comparison.

Intelligent and Secure Communications

Seamless wireless connectivity with end-to-end monitoring and alerting and remote over-the-air software updates with managed and scheduled deployments allows access to your data anywhere, at any time, on any device.

Integrated Alerts

Over 200 available alerts, augmented with telemetry, vehicle, and integrated weather data means you can see the whole picture.

Data Security

Certified and Audited - SOC 2 Type 2 compliant information security processes keep your data and information safe and secure.

Vehicle Connectivity

Locomotive Interface Gateway (LIG) allows integration with engine and vehicle control system computers so our third party event recorder and digital video recorder (DVR) support can provide daily snapshots and on-demand downloads.

Advanced Geospatial Asset Location Tracking

Intelligent GPS navigation with dead reckoning and railroad infrastructure reverse geocoding along with maps, geo-fences, and trip wires define key statistics and allow you to track speed and subdivision restriction alerts.

Identity, Data Storage, and Access Management

Unlimited user licenses with access control via customer administrator, plus two years of cloud storage means you can share the data with however many users you need and your data is always available when you need it.

Value-added Options Available

You can further optimize your Foundation Package by adding web service-based integrations like locomotive positions, asset health and information, and vehicle operations meter logs. Also available are third party device remote software updates so you can be confident that your device is always up-to-date.



No one provides as much support as Wi-Tronix

We believe in full life cycle support of our software and hardware products.

Quality is ingrained in our culture as a tenant of our core values.
We partner with our customers in solving their greatest challenges.

Our US-based, multi-tiered customer support center is staffed 24/7/365.

Customer Success Managers are dedicated to fully provide for your unique needs and offer training services to your team

Our field service teams are capable of both complete installations and providing guided installation oversight

Your operation is unique and our application engineering allows for fleet surveys and customer-specific installation instructions



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