



Connected Diagnostic System (CDS)

Real-Time, Consolidated View Of Your Rail Network Data

The Connected Diagnostic System (CDS) connects seamlessly to the Violet Edge IoT platform to consolidate key operating data and diagnostic information from all onboard systems into a single onboard display on a Train Operator Display (TOD).

The onboard display provides the main screen for the operator to view critical data and understand status of the entire train consist vs an individual asset. Remote access allows your Rail Control Center to have access to the operator screen exactly as it is displayed on the TOD to take prompt and effective action, should an incident occur.



Why Wi-Tronix?

For the past 15+ years, our rail experience has been enabling operators to take immediate action, as well as develop long-term strategies for safety, efficiency and reliability.

Wi-Tronix IoT solutions bring together a sophisticated data integration platform with a powerful combination of connectivity, analytics, alerts, and more.

Enhance service delivery and reduce operating expenses with real-time access to a consolidated view of your rail network data. Wi-Tronix enables solutions that are expandable and adaptable for tomorrow's challenges.

Improve Customer Service While Operating Safely And Efficiently

Empower your team by staying ahead of operational and customer service issues with Connected Diagnostic Systems.

Designed to help your operations run more safely, and efficiently. Driving on-time performance, saving hundreds of man hours a month, and consistent monitoring to prevent future issues and incidents, are ways in which the Connected Diagnostic System solution provides value for your rail operations.

Extend the life of your aging fleet with a Connected Diagnostic System that is designed for any vintage or OEM LRV. Replacing an older, hard or expensive-to-maintain Monitoring and Diagnostic System with a system that enables a real-time, consolidated view of your rail network, unlocks many operational benefits.

Display The Data That Matters

A Connected Diagnostic System empowered by the Violet Edge IoT Platform with a Wi-Display 300 and additional subscription packages allow maintenance technicians to remotely monitor and support over the road issues. Your Operations Control Center will have access to the operator screen as it is displayed on the onboard tablet.

Wi-Tronix Connected Diagnostic System
www2.Wi-Tronix.com

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Questions? Contact your sales representative or reach us at sales@wi-tronix.com for detailed discussions on how the Connected Diagnostic System can help your operation.