

KEEPING A PULSE ON PTC

Capitalize on data to improve efficiencies.

The Challenge

Your federally mandated Positive Train Control (PTC) system is now deployed, bringing with it a growing number of new operational, efficiency, and management challenges. Managing complex networks requires new and specialized operational technology and information technology disciplines to ensure reliability, troubleshoot issues, and meet federal reporting requirements.

Our Industry-Leading Solution

RailPulse™ is a software solution that unlocks data generated by PTC systems to allow more efficient troubleshooting, reporting, and diagnostics. With applications for data analytics and testing platforms to manage the active PTC environment, RailPulse™ can help improve operations today, and evolve as the PTC system industry changes.

RailPulse™ offers immediate value. Begin monitoring locomotive initializations, generating missed-opportunity reports, and easily diagnose PTC cutouts and failures with no change to your onboard configuration and little back-office setup. No agents, no specialized configurations, no complex

software, no long installation projects—just results. RailPulse™ is also the only solution on the market that automates FRA reporting, making it faster and easier to meet FRA guidelines.

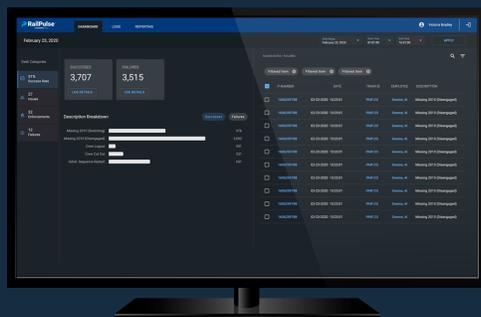
Additional Applications

Automated System Testing Remote Application (ASTRA) – Automated test engine for ensuring end-to-end regressions whenever a PTC component changes

ITC Ticketing System (ITCTS) – Ready-to-integrate ITC Ticketing System implementation

Why Us?

We've delivered complex, large-scale PTC solutions to a wide range of railroads, acting in roles including implementor, client advisor, and integrator. We have a deep understanding of PTC architecture and PTC products from a variety of vendors. Our tools grew out of our own experience and needs to generate efficiencies in troubleshooting, diagnosing, and reporting issues. Our experienced engineers, coupled with an array of products such as RailPulse™, provide data analytics on PTC performance and problems by harvesting every message that passes through the system.



Features

- Easily find and analyze data from specific train runs, locomotives, and train operators
- Visualize problems within your network using geospatial analysis
- Generate FRA-ready PTC reports in compliance with federal guidance
- Analyze PTC enforcements by source and type
- Integrate grade crossings with government transportation agencies and Parsons' iNET™ advanced transportation management solution

For more information, visit our website: Parsons.com/products/railpulse/