



DOC Dispatch

By RailComm

A dispatching platform for everything
from dark territory to CTC and PTC

Over 20,000 miles are dispatched using DOC

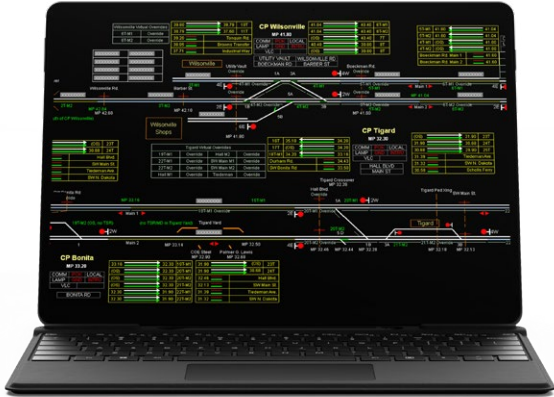
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RAILCOMM

Automated Rail Solutions

DOC Dispatch Solutions



RailComm's DOC system is an enterprise software platform for providing mainline dispatching and yard automation control. RailComm offers DOC as a Microsoft Azure-hosted Software-as-a-Service or as an on-premise system. Applications include mainline dispatching for dark territory TWC, signalized territory CTC, PTC systems including E-ATC and ITC BOS, and yard automation control. DOC is used by Class 1, short line, transit, commuter, port, and industrial rail facilities.

TWC (Track Warrant Control)

Dark territory dispatching with GCOR, NORAC and CROR rule sets. Full conflict checking, automatic

completion of warrants, train sheets, forms and bulletins, temporary speed restrictions, and Track Out of Service alert capabilities are all part of this module, making it the highest TWC module functionality available in the industry today.

CTC (Centralized Traffic Control)

Highly reliable CTC system provides a user-friendly graphical interface that operates within the familiar Windows environment, simplifying your operators' ability to use the system. DOC CTC interfaces to many types of wayside interlocking controllers to provide functions such as signal clearing, train tracking, switch and track blocking, and other train routing operations.

PTC (Positive Train Control)

We provide E-ATC PTC and ITC PTC office solutions, including our ITC PTC Back Office Server (BOS).

Integration

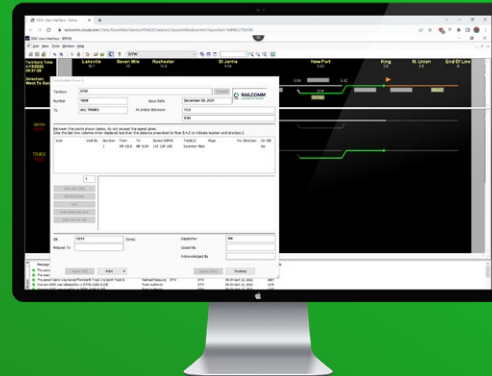
RailComm DOC can be integrated into your third-party platforms like SCADA, PID, or a database such as Oracle. RailComm allows your dispatch system to monitor mission-critical items and share real-time actionable information with your organization.

DOC FEATURES

- NX Routing
- Stacked Routing
- Logging
- Graphical Playback
- Customized Reports
- Highly Configurable

ITC BOS INTERFACES

- Interoperable Train Control Messaging Servers (ITCM)
- Track Data Systems (TDS)
- Key Exchange Servers (KES)
- Configuration Management Systems



PTC DISPATCHING

RailComm DOC fully supports dispatching for E-ATC or ITC PTC enabled railroads.

With E-ATC and ITC PTC systems, RailComm DOC allows dispatchers to enter mandatory directives directly into the dispatch system during normal use. All dispatcher required functionality is integrated into the office segment of PTC.

DOC communicates to the RailComm BOS server or the wayside equipment and can receive information from the locomotive segment when provided to the BOS, such as overspeed warnings.

ITC BOS

RailComm's BOS is an independent interoperable train control (ITC) - compliant Positive Train Control (PTC) Back Office Server. The BOS is designed to be a drop-in replacement for the PTC BOS in an existing Interoperable Train Control System.

The BOS provides a well-defined interface that any Computer Aided Dispatch (CAD) system or other railroad management information system can implement to become ITC PTC capable.



Software-based rail automation solutions

Talk to our team to discuss your project or for a demonstration of our capabilities



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