Railware

DISPATCH X

Train traffic control for the twenty-first century.

Wabtec v. Railware, Inc.
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EX2020 - 0001

Dispatch X is the premier train traffic control system in the world. The product of over twenty years of development, it is eminently powerful, intuitive, and infinitely configurable. With high definition graphics and point and click usability, Dispatch X is scalable for everything from a local control panel on a single interlocking to an entire railroad.

Dispatch X is designed to give our customers unprecedented flexibility. It can run on anything from off the shelf to custom fault tolerant hardware and comes out of the box compatible with any and all wayside equipment, from GE to Alstom. You can even mix and match systems; Railware supports all railroad protocols so you can communicate with systems of any complexity in one high resolution, graphic interface.

Key Features

TRACK EDITOR

The DispatchX Track Editor offers a graphical way to create track configurations using a mouse, dramatically reducing the time it takes to develop a railroad. It's as easy as point and click: DispatchX uses known elements like switches and automatically links them, creating a completely customizable, functional system. Whether you need to add a switch or a whole interlocking, DispatchX becomes operation-ready in the time it takes to lay it out. Automatic leading, stored routes, and entry/exit, are all built in—no coding or programming required.

AUTOMATIC ROUTING

DispatchX automatically clears request signals across various routes based a train's schedule. It also identifies trains based on their schedule and tracks them live across the screen so that its location can be pinpointed from the moment it steps on a track to its terminal.

TRAIN ID

DispatchX assigns and tracks trains according to their identifiers, giving real-time display and monitoring as trains progress across the track. DispatchX can identify trains based on their schedules automatically.

BLENDED ENTRY EXIT

With two clicks a user can request entry and exit across all interlockings. DispatchX then automatically performs the proper switch and signal requests.

BLOCKING

DispatchX offers both office and field blocking as well as our patented Enhanced Employee Protection System (EEPS®) that provides additional safety for wayside maintenance workers.

SIMULATOR

The DispatchX Simulator takes preexisting track configurations for your railroad and simulates every function that happens in the field. With accurate speeds and customizable acceleration, deceleration and dwell times, the DispatchX simulator is perfect for across the board training. This means that a train dispatcher can be trained for their exact shift, with everything on the screen behaving exactly as it would if it were live. The DispatchX Simulator communicates with all standard railroad protocols and can connect to any other control system, whether they are running on Railware or not.

RW

FEATURED PROJECTS

GRAND CENTRAL

HUDSON YARDS

PRODUCTS

DISPATCH X

EEPS®

CONTACT

750 Veterans Memorial Hwy, Suite 200
Hauppauge, NY 11788

info@railware.net

631 285 7245

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