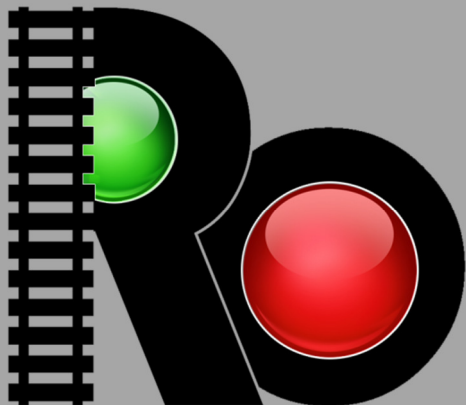


Rail Operations Yard Control

The screenshot displays the 'Phoenix Yard' control interface. The main area shows a schematic of five yard tracks (YARD TRACK #1 to #5) with various signal lights and track numbers (11, 13, 15, 17, 21, 23). Track #2 is highlighted in blue and has 'Stop' indicators at both ends. Below the schematic is an 'Output' window with the following log entries:

Date	Event
05/12/2014 20:32:31	Issue Authority Blue Flag - 100
05/12/2014 20:32:31	INDICATION: SPECIAL TRACK #2 SOUTH DERAIL ON LOCATION - ON
05/12/2014 20:32:31	INDICATION: SPECIAL TRACK #2 NORTH DERAIL ON LOCATION - ON
05/12/2014 20:32:31	REQUEST: USER: ACServer SPECIAL TRACK #2 SOUTH DERAIL ON LOCATION - ON
05/12/2014 20:32:31	REQUEST: USER: ACServer SPECIAL TRACK #2 NORTH DERAIL ON LOCATION - ON
05/12/2014 20:32:28	Archive of BlockData was Successful on RO-1002
05/12/2014 20:32:28	Archive of BlueFlagProtection was Successful on RO-1002
05/12/2014 20:32:28	Archive of PlayBack was Successful on RO-1002
05/12/2014 20:32:28	Archive of EventLog was Successful on RO-1002
05/12/2014 20:32:21	Verify Authority Blue Flag - 100
05/12/2014 20:32:21	Create Authority Blue Flag - 100

The interface also shows a status bar at the bottom with 'Ready', 'cmm', 'RO-1002', and 'CAP NUM SCRL'.



Rail Operations Inc.
5796 Alpine Drive
Ontario, NY 14519
sales@railoperationsinc.com
(877) 845-0613

Simplifying Rail Control & Operations

Rail Operations Yard Control

- System Configuration
 - Easy definable Graphical Displays
 - Database Configurable Applications
 - One Step CTC Route Generation
 - Multiple Project Configuration
- System Functionality
 - User Login
 - Functionality Permissions
 - Graphical Playback
 - Field Simulation for Testing And Training
 - Code system emulation
- CTC Functionality
 - Switch functionality
 - Switch Movement
 - Blocking
 - Switch Movement Through Pick Point – Entrance/Exit (NX)
 - Signal Functionality
 - Signal Clear
 - Entrance/Exit (NX)
 - Call-On
 - Fleeting
 - Derail Control
 - Track Functionality
 - Occupancy Simulation with Car reminders
 - Blocking
 - Blue Flag Protection
 - Automatic Derail Control
 - Automatic Signal Exit Prohibit
 - Special Elements
 - Local Control
 - Snow Melter
 - Power Out
 - Maintainer Call
 - Generic Special Processing
- Push Button Control Mode
- Web based Archive Retrieval
 - Event Log Data
 - Blue Flag Forms

Technology at work for you

CONNECTING YOUR RAILROAD OPERATIONS TO THE TECHNOLOGY YOU NEED TODAY

Rail Operations Yard Control (RO Yard Control) is a state of the art rail control system that automates yard movements, and allows for Blue Flag Form Blocking. The blue flag from will automatically apply blocking, Derail Control, and Signal Exit Prohibit.

The screenshot shows a web form titled "Blue Flag Protection Authority". It contains several input fields: "Authority No:" with the value "101", "Date:" with "05/12/2014", "To:" with "Foreman Dave", "Between:" with "YARD TRACK #3", "At:" with "YARD TRACK #3", and "Track:" with a "Cancel Text" button. At the bottom, there are fields for "Dispatcher:", "Time:", "Cancel Dispatcher:", "Date:", and "Time:", along with "Verify", "Transmit", "Rebroadcast", and "Abort" buttons.

RO Yard Control uses web based technologies to allow Archive Data to be accessed through out the railroad property and remotely. The following is a list of web accessible data.

- Archived Event Log data
- Archived Blue Flag forms
- Web based Displays

The screenshot shows the "RAIL OPERATIONS DISPATCHER ARCHIVE" web application. It features a navigation menu with "Home", "Event Log", and "Blue Flag Protection". A table displays event data:

Number	State	Date	Issue To
100	0	05/12/2014	BOB
101	0	05/12/2014	ED

An inset window shows a "Blue Flag Protection" form with fields for "Authority No:" (101), "Date:" (05/12/2014), "To:" (ED), "Track:" (YARD TRACK #5), "Between:" (YARD TRACK #5), "At:" (YARD TRACK #5), "Dispatcher:" (omm), "Time Effective:" (08:55), and "Cancelled, Time:" (08:55), "Date:" (05/12/2014), "Dispatcher:" (omm).

flexible solutions for your business needs

Rail Operations can build customized forms for data collection. These forms will use the built in libraries and mechanisms built in to the system. This will allow for converting your yard operations from paper to electronic storage and reporting. With built in archiving of data and web based retrieval.