



YARD AUTOMATION SWITCH, DERAIL & BLUE FLAG BNSF ALLIANCE

OVERVIEW

The primary objective of this project was to replace and upgrade an unsupported and obsolete control system of one of the main switching and maintenance facilities located on the coal route from the Powder River Basin region.

RailComm replaced the old solution that allowed for basic routing, with its modernized DOC[®] system to provide routing in and out from both ends of the yard, and automate the blue flag protection process.

The DOC System is a commercially available, off-the-shelf control system, engineered to provide railroads the flexibility to remotely control their yard assets. It provides remote control to power switches, derails, blue flag operators, manual switch point indicators, and switch heaters, for a totally integrated approach to yard automation..

RailComm provided a yard automation system to control a combination of 72 powered switches, 67 blue flag indicators (BFI), and 14 powered derails.

RailComm's Blue Flag Protection system allows BNSF to automatically apply and remove BFI's, and block tracks to avoid routes lined over these tracks, when operated in conjunction with a yard remote control system. The system also allows the handling of multiple users' protections on the same or multiple tracks for enhanced safety.

PROJECT SUMMARY

FIRM

RailComm, LLC

CUSTOMER

BNSF Alliance, Nebraska

CUSTOMER CONTACT

Chris Engel
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PROJECT SIZE

\$0.5M plus

COMPLETION DATE

2012



RAILCOMM

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