

Wabtec's Digital Solutions

Hump Yard Planner

Digitize precision scheduled railroading. Visualize the yard of the future.

Core Capabilities

- Generate a yard-level car processing plan with a detailed schedule for the movement and processing of every car
- Visualize current car inventory, activities, inbound and outbound schedule
- Predict yard capacity / performance in the planning horizon

Classification yard optimization is at the heart of every rail operation. Even more than capacity, yard functionality determines departure performance, car dwell time and everyday operational efficiencies.

An advanced software solution designed to help you make the best decisions around asset use and resource working sequences, Hump Yard Planner allows

you to visualize and monitor yard state and plan yard activities, so you can get cars connected and out of the yard faster and avoid idle assets.

The goal is to empower the movement of goods by rail through the creation of a shared analysis and decision platform that connects and unites each yard with the broader network objectives.

Differentiating Features

- Comprehensive yard planning suite
- Inbound train termination, car humping, car sorting and outbound train building
- Intuitive way in viewing yard status, yard plan and KPIs

↑ 10%+
improved car connections

↓ 5%+
reduction in car dwell

↓ 10%+
reduction in rework

↓ 44%
avg. reduction in administrative and planning effort

Optimized Outcomes

- Improved trip plan compliance
- Greater on-time departure performance
- Better efficiency in daily operations
- Reduced overall car hire costs

