



Improve Rail Load Planning and Stowage

Navis Rail Autostow enables terminal operators to automatically route railcars to hub assignments and plan train load sequences based on criteria preconfigured for a specific environment. Rail Autostow creates and saves multiple planning strategies to accommodate a variety of operational challenges.

Before electing to stow containers using Rail Autostow, operators assign a loading sequence pattern to each railcar and then select one or more of those railcars or their residing tracks to plan, along with the containers to be loaded. A start time to begin the operation is also determined.

Each time Rail AutoStow encounters a container slot to be loaded, it compares this to the list of available containers and selects the best one from the yard based on an predetermined strategy. This automatic planning process continues until all selected railcars are planned or the available containers are stowed. Upon completion operators can review the result and either accept the plan, adjust the strategy set and stow again or make minor manual changes. Once the plan is completed to a satisfactory level, operators can proceed with publishing the loading sequence. As a result, rail planners experience increased efficiency, loading speed and flexibility with fewer errors.

Rail Autostow Benefits :

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|  1 Minimize rehandles |  5 Reduce planning time |
|  2 Reduce CHE travel distance |  6 Supports a variety of CHE operations |
|  3 Minimize CHE clashes |  7 Prevent stowage errors |
|  4 Elimiate stowage errors |  8 Maximize containers loaded, space utilization and productivity |

Rail Autostow Features:

- Over 40 configurable parameters and options
- Definition of multiple strategy sets
- Automatically plans containers to rail cars
- Plan by selecting railcars or tracks
- Planning can be triggered through the host interface
- Can mark priority containers for early sequencing

About Navis

For more than 25 years, Navis has provided the global technology standard for managing the movement of cargo through terminals. The Navis N4 terminal operating system optimizes operations, unlocking operational efficiency, productivity and visibility for terminal operators. Navis combines industry best practices with innovative technology and world-class services that enable marine terminal operators worldwide to optimize their operations and maximize performance with reduced risk.

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