



MANNED RTG OPTIMIZATION

With manual RTG operations, valuable time can be lost when RTG drivers need to decide the optimal next job. Drivers have a limited view of what's happening in the yard and they don't necessarily understand the broader performance goals of the terminal. Likewise controllers don't always have enough information to know how many RTG to deploy and where, so as to avoid RTG clashes and sub-optimal productivity.

The Navis RTG Optimization **Solution**

RTG optimization is designed to help optimize their side-loading yard cranes decisions. It can optimize the decision-making around the following critical operational questions:

- How can I balance the RTG workload throughout the yard?
- Which RTG should get a particular job and in what order?
- How can I ensure that my RTGs get the jobs that are in line with the KPIs that are important to me?

RTG Optimization can be used for new terminals, existing manual terminals getting retrofitted to be automated, and existing manual terminals that want to maintain manned cranes, but want to automate CHE planning. And it's important to point out that while we refer to this functionality as RTG Optimization, it applies equally to RMG sites as well. The main goal is to help terminals utilize their RTG fleet in a more efficient way to reduce their cost per TEU.

Navis RTG Optimization Provides



Automated RTG job scheduling



Automated RTG zone planning



Assisted and automated RTG block assignment

VMT

Graphical interface for intelligent RTG job completion

VMT is the next-generation console for RTG and RMG drivers that seamlessly integrates with RTG Optimization, providing an intuitive user interface that enables them to easily complete jobs. The information rich interface includes graphical views of the yard block, up-coming moves, rehandle counts for each job, and more. See the VMT datasheet for more information.

VMT is available with a separate monthly subscription.

Which Gets You

Optimal resource planning

RTG Optimization takes the guesswork out of how many RTGs you will need and where for a given shift or day.

Optimal job scheduling

When your workload is scheduled in the optimal order, efficiency goes up and you realize your KPI goals.

Customized job list sorting

Supports multiple options for job list sorting to support the different ways your terminal prioritizes.

Ability to retrofit for automation in phases

If your strategy is to move towards automation, instead of the Standard RTG Optimization module, you can leverage the Automated RTG Optimization solution, which enables you to make the transition in stages, which can be more viable from a planning and budgeting standpoint.

Technical Requirements

Licensing for PrimeRoute for Terminal Tractors and Expert Decking



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RTG Optimization is available by monthly subscription. See Navis Sales for more details.