WHAT'S NEW IN N4 RELEASE 3.8

Here's highlights of what N4 3.8 and related Navis applications and services can bring to your terminal operations.

NEW FEATURES & ENHANCEMENTS

BUSINESS ENABLEMENT

The following new Navis Smart Suite applications are now available at affordable subscription rates:

- **View end-to-end vessel operation activities** from a single dashboard with **Navis Compass.** Functionality includes:
  - Early visibility to potential issues
  - Proactive notifications
  - Terminal/Carrier KPIs
  - Customizable workflows

- **Optimize berth utilization with Navis Berthing,** a collaborative application for maintaining real-time ETA for vessel visits. This application enables carriers to plan their routes more efficiently to reduce bunk costs, and enables terminals to optimize their stevedoring resources.

- **Improve reefer monitoring operations with Navis Mobile Reefer,** part of our Navis Mobile Suite utilized for reefer monitoring with improved usability for reefer clerks in the yard.

OPERATIONAL IMPROVEMENTS

Bill for related events against a unit with the Related Terminal Services functionality in N4.

Streamline Rail Operations, with multiple improvements to the Rail UI and workflow, including restructuring Rail Visit functionality to align with XPS.

Reduce TZ congestion with improvements to multiple TZ support for Prime Route for Terminal Tractors with rail.

Run Rail AutoStow from either N4 or XPS.

Improve the performance of your RGCs with the RGC Joblist Sorter, which determines the best next job for an RGC with user configured rules to:
- Minimize gantry
- Maintain moving direction
- Meet Estimated Time of Delivery (ETD)

Optimize side-loading cranes with Navis RTG Optimization module (AutoRTG) enables both manned and automated terminals to optimize their side-loading yard cranes, by determining:

- The optimal number of RTGs needed
- Where to deploy RTGs
- Which RTG should get a job and in which order

Expanded General Cargo to support Ad Hoc Pickups for terminals where trucks do not stop at an INGATE, other than to simply record the truck license and a PICKUP transaction with no cargo details.

Improve ASC block utilization with 3.8 improvements to decking distribution.

For AutoShuttle sites: Keep track of incremental position changes around the QC with the Crane Inventory interface feature, which enables N4 to keep track of the POW and POW position for every container on the QC.

For N4 Automation sites: The Push Rate Generator used for the AGV Scheduler can now schedule and dispatch yard moves alongside vessel moves based on their pushrate and deadline time.

SYSTEM MANAGEMENT

Improved XPS performance in handling multiple concurrent client startups.

EXPANDED SERVICE OFFERINGS

Navis now offers Navis 360°, a wide range of managed services at affordable subscription rates, including:

- **Remote monitoring services** to report on N4, database, network issues as per SLA
- **Configuration management** to provide version control of customer-specific N4 configuration and user administration.
- **EDI administration** including monitoring and resolution of EDI errors, and ongoing maintenance of EDI maps.
- **Operations Monitoring** to target specific operational processes to ensure optimal productivity.
- **Upgrade services to ensure smoother upgrades**

Navis is a provider of operational technologies and services that unlock greater performance and efficiency for the world's leading terminal operators and ocean carriers. Navis combines industry best practices with innovative technology and world-class services to enable our customers to maximize performance and reduce risk. Whether tracking cargo through a port, automating equipment operations, or managing multiple terminals through an integrated, centralized solution, Navis provides a holistic approach to operational optimization, providing customers with improved visibility, velocity and measurable business results.