



Benefits of Intermodal Pro® and Traffic Control™

Tideworks Technology provides market leading intermodal terminal operating system solutions. Here are some of the benefits of our solutions comprising of Intermodal PRO® (IPRO), Traffic Control™ and their companion products.

Top Reasons Rail Terminal Operators Choose Tideworks Intermodal TOS

1. Designed with rich features to minimize efforts of creating plans and work instructions, so that users can focus on yard placement strategy, exception management and meeting service level goals. Automated planning software plans outbound rail moves in a semi-automatic way based on configurable planning rules. Primary planning features include “just in time” planning that identifies the best yard location for inbound moves to grounded or wheeled locations.

2. Advanced automation features and support of automated equipment mean you can intelligently plan setasides, manage yard allocations, balance moves and OTR traffic across equipment, and create housekeeping moves during idle times to continuously groom and prepare for the next phase of the operation.

3. Move segmentation allows you to see and monitor constituent segments for all container move types facilitating operational transparency and optimal move planning in complex operations. Instantly visualize if a move is impeded and where and why it is obstructed. Adapt the system to different modes of operations without custom development.

4. Move prioritization allows you to determine the relative importance of moves based on the configurable criteria, ensuring what’s “hottest” is performed first. Priority is managed by various sets of rules.

5. Crane optimization balances the workload for your most valuable assets. Dynamic crane divisions, controlled manually or automatically, combines with intelligent move sequencing to ensure that each move is the right move.

6. Web deployable mobile clients integrate with active directory to tailor user actions, notifications, information display and user experience based on operational needs. CHE and UTR applications support a variety of conventional, semi-automated, wheeled and/or grounded operations. Mobile clients also support use of position detection systems and can be utilized on any device with a modern browser.

7. Seamless integration with 3rd party technologies and systems is a core competency of the intermodal TOS suite. Leverage standard frameworks for integration for a variety of 3rd party systems including safety systems, DGPS, RFID, OCR technologies, and other mission-critical enterprise systems. Support appointment and gate management systems as well as automated equipment such as remote operated cranes. *Ask about the vendors we integrate with.*

8. Scalable in production environments in both throughput and mode of operation. From small, conventional, depot, or near-dock rail ramps to large, hybrid or automated wide span crane operations. The system can handle small volume container depots and 1M+ move facilities.

9. Value added solutions, Terminal View, an IPRO companion product, and Tideworks data platform provide greater visibility into your terminal operations and enterprise data. Data governance, real-time reporting and analytics, standardized datasets and KPI monitoring, and three-dimensional visualizations allow you to proactively monitor operations and improve decision making.

10. A platform built for the future, IPRO and Traffic Control are on the forefront of container handling industry trends with a growing list of US Class 1 railroad and intermodal customers influencing product direction and growth. Tideworks intermodal TOS solutions provide the robust foundation needed for future technology integration capabilities and industry innovations.

