



Maximize Berth Occupancy with Intelligent Solutions

BerthSight is a leading edge automated planning module that maximizes revenue by utilizing the berth to the greatest occupancy while increasing the ability to perform to the SLA.

Real-Time Berth Planning

BerthSight automates the entire berth planning process and using AI, mitigates the traditional trade-offs that impact SLA and berth utilization.

Control Waterside Trade-offs with AI

BerthSight is designed to perform berth allocation, equipment assignment, and sequence planning by leveraging real-time operational and enriched external data.

As a standardized feature of engagement, a highly precise digital twin model is designed to reflect the unique characteristics, properties, conditions, and behaviors of the terminal's operation.

Based on feedback from this feature, BerthSight determines vessel ATA and departure times removing uncertainty from scheduling. BerthSight also sets discharge and load sequence plans that minimizes resource utilization.



01

Feature Highlights



Adaptive Scheduling

Forecasted vessel arrival and departure times to maintain SLA conformance



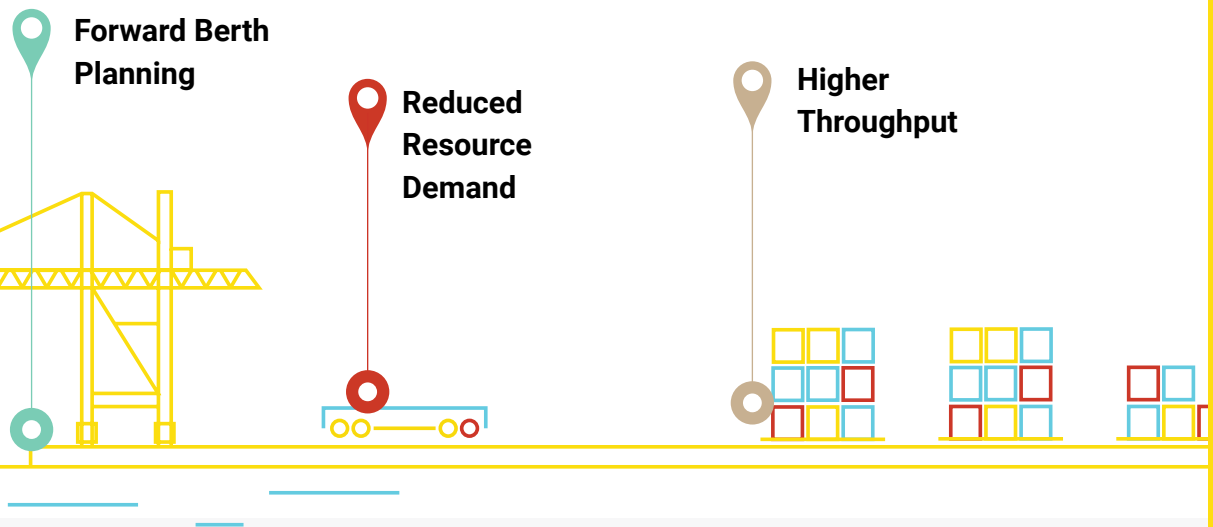
Smart Resource Allocation

Automated scheduling of quay cranes, HTE's and gang with optimal crane split



Dynamic Handling

Optimized container handling with discharge and load sequencing



02

Expand Berth Space Usage and Connected Resources

Maximize Operational Efficiency

- Forward berth planning
- Increased berth occupancy rate
- Higher operational response
- Higher throughput
- Enhanced waterside workflow
- Reduced resources demand
- Minimizes revenue leakage

About Avlino

As innovators in the AI-industry, Avlino is committed to developing robust, cutting-edge solutions that enhance business applications and operational systems. Specific to container terminal operations, AiCON is Avlino's comprehensive suite of solutions that seamlessly embeds into business processes and provides AI-infused answers to pain-points that confine growth. AiCON supports end users to navigate through daily uncertainties and achieve strategic goals. AiCON's overall features include:

- Develop and maintain AI models and business logic
- Integration with major TOS vendors
- Non-intrusive seamless implementation
- Enhanced views delivered on a web browser
- Suite of cross-functional modules that also operate independently
- Guided installations with business professionals