



YardSight™

Expand Yard Utilization with Intelligent Solutions

YardSight is a cutting-edge automated planning module that determines the optimal container location and stacking sequence plus top CHE positioning.

Real-Time Yard Planning

YardSight is designed to help perform capacity optimization, throughput management and yard space maximization.

Leveraging real-time operational and external data, the AI module adapts to current state and responds back to users with intelligent work directives based on the transformative conditions.

Control Work Peaks with AI

Using AI, YardSight manages operations by responding to volatile events in the present to create positive impacts on utilization in the future.

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. YardSight forecasts the exact arrival and dwell time for each export, import, or transshipment container. In addition, authoritative AI commands provide work queues for yard planning and block assignment before vessel arrival.



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Feature Highlights



Optimal Stacking

Most efficient container movement and stacking for all types of container flows



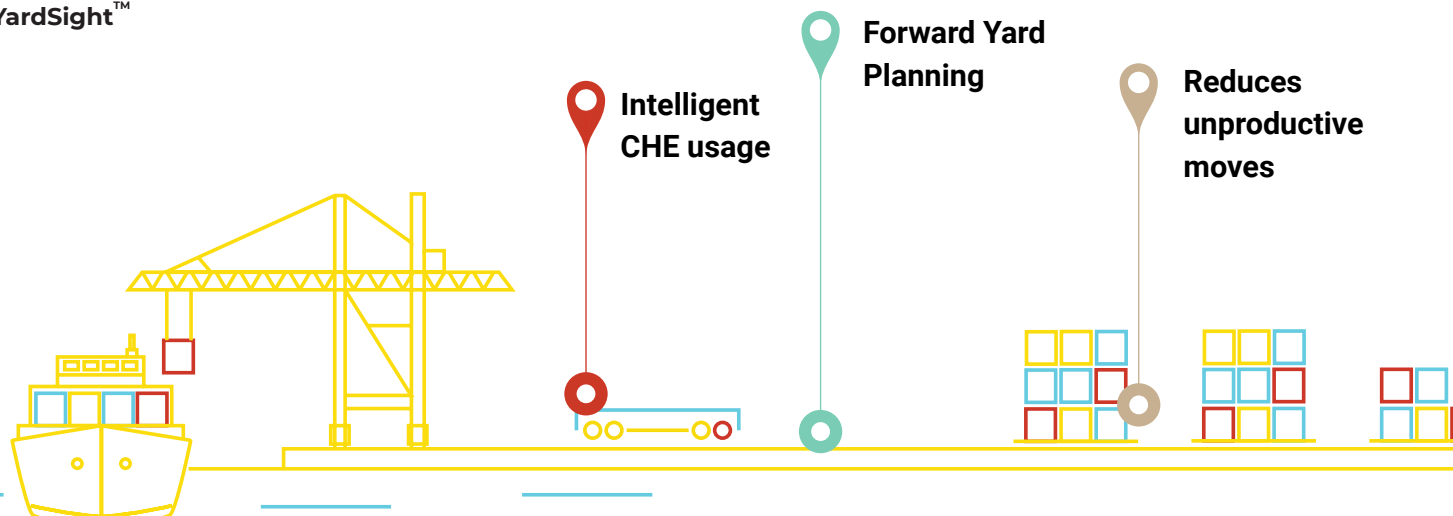
Block Optimizing

Equipment selection and scheduling plus housekeeping plan



Congestion Solving

Optimize CHE ranges allocation, scheduling, and routing



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Optimize housekeeping, reduce re-handles, and minimized travel distance

- Optimal Housekeeping
- Smart Equipment Utilization
- Forward yard planning
- Next generation sequencing strategy
- Intelligent CHE usage
- Work instructions integrated into TOS.

Expand Resource Utilization



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