



# PortBerth

## Aligned Schedules, Smoother Service

**PortBerth** is a performance-aligned Berth Planning Solution designed to refine how terminal operators manage berth allocation and scheduling. Through intent-driven optimization and continuous alignment with operational conditions, PortBerth unlocks new opportunities for win-win berth utilization. PortBerth supports collaborative planning with vessel operators and key stakeholders, enhancing visibility, coordination, and execution across berth operations.

### Your Quay Potential, Maximized

#### Intent-Driven Berth Optimization

PortBerth aligns berth planning with yard container inventory position and vessel schedules to support accurate estimations of vessel ETAs, ETCs, visit duration, and berth assignments.

#### Plan and QC Allocation

PortBerth supports the berth planning process, generating efficient berth plans, and optimizing the allocation of QCs across the entire quay for seamless operations.

#### Integration with Third-Party Systems

PortBerth seamlessly integrates with third-party systems such as Marine Traffic, Weather, and Tides, providing data-informed insights that strengthen operational awareness and planning alignment.

#### Berth Planning for Ad Hoc Scenarios

PortBerth provides the flexibility to handle ad hoc requests and accommodate changing operational requirements, ensuring efficient berth management that stays in sync with on-the-ground realities.

Exceed the Past.  
Shape the Future.

5 - 15 %



INCREASED BERTH  
UTILIZATION

15 - 30 %



IMPROVED VESSEL  
VISIT ETA & DURATION  
RELIABILITY

5 - 20 %



REDUCE VESSEL WAIT  
TIMES AT ANCHOR



**Port  
BERTH**

## Increase Utilization. Amplify Revenue.

### Maximized Berth Utilization

- Improves berth occupancy and spatial efficiency, ensuring that high-value quay space is used optimally, supporting stronger revenue performance.

### Reliable Vessel Scheduling

- Optimizes vessel visit planning through data-informed decision enhancement, helping reduce uncertainty and improving schedule coordination.

### Improved Berth Availability

- Delivers clear visibility into berth availability, enabling more effective negotiation of vessel arrival and departure windows and supporting superior customer service.

### Reduced Environmental Impact

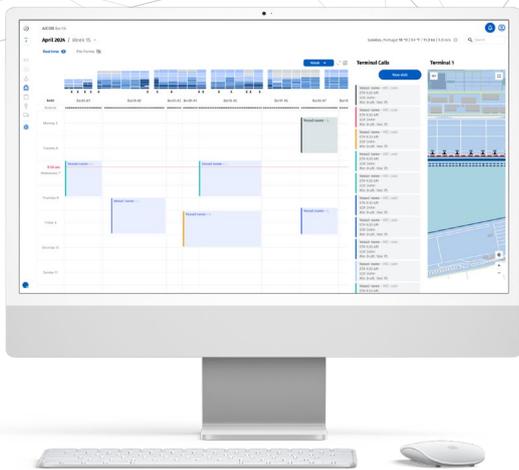
- Supports greener operations by aligning berth usage with vessel schedules, reducing idle time, fuel consumption, and associated emissions.

### Insight-Driven Performance Improvement

- Empowers terminal operators with advanced analytics, enabling continuous refinement of planning processes and better strategic outcomes.

### Future-Ready Planning

- Provides forward-looking insights into berth demand and resource needs, enabling long-term planning aligned with operational and business objectives.



### Vessel Operator Collaboration

With real-time collaboration and visibility, PortBERTH enables terminal operators to engage with vessel operators and other port community constituents, fostering enhanced decision-making, better customer service and enabling cost savings across multiple parties.

### Tide and Channel Planning

PortBERTH accounts for tide windows and channel constraints, helping ensure that vessel movements are planned safely and aligned with port limitations.

### Berth Viewer

PortBERTH provides a comprehensive operational view of berth activity, supporting strategic planning through performance-driven visibility.

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