

OPTIMISING CONTAINER MANAGEMENT: HOW ONYX DATA AUTOMATED SHIPPING PORT OPERATIONS AND REDUCED FINES BY 30%

OVERVIEW

Onyx Data worked with an industry-leading shipping port organisation to automate their container docking and unloading processes. The port organisation was facing challenges with manual processes, lack of real-time insights, and inefficient resource management. Onyx Data implemented a data-driven solution to optimise the port's operations, improve container management, and minimize fines due to delays and inefficiencies.

KEY METRICS

1. Improved Efficiency: Onyx Data's solution led to a 25% improvement in container unloading and loading efficiency, reducing the time required for these processes.
2. Real-time Insights: The real-time shift management and reporting enabled the port organisation to monitor the port's operations in real-time, leading to a 20% increase in decision-making speed.
3. Optimised Resource Management: Onyx Data's solution enabled the port organisation to manage their resources based on work peaks, resulting in a 15% reduction in labor costs and a 10% reduction in crane usage.
4. Reduced Fines: The implementation of a container aging warning system led to a 30% reduction in fines due to delays and inefficiencies, saving the organisation £753,000pa.

AT A GLANCE

Key Objectives

- Automate container docking and unloading processes.
- Implement real-time shift management and reporting
- Optimise resource management based on work peaks.
- Implement a container aging warning system to minimise fines.

Results

Onyx Data's solution helped the shipping port organisation to optimise their operations, improve container management, and minimize fines. By automating container docking and unloading processes, implementing real-time shift management and reporting, and optimising resource management, Onyx Data helped the port organisation achieve greater efficiency and cost savings. Additionally, the container aging warning system minimised fines and improved compliance.

