



DP World Antwerp Gateway finds
EFFICIENCY
with Kalmar Insight



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Rolling Equipment and Welding,
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DP World’s Antwerp Gateway uses Kalmar Insight to collect and analyse the data from their port activities, so they can take action to improve safety, performance, and sustainability.

Located in the port of Antwerp in Belgium, DP World Antwerp Gateway is renowned by its customers for its unrivalled productivity in Europe, advanced technology and outstanding intermodal connectivity. The main terminal has a quay length of over 1660 metres and handles over 2,800.000 TEUs annually, they offer a full range of cargo handling solutions including an Empty Container Depot, Intermodal Terminal and a Container Freight Station with import and export services with their partners.





The challenge.

DP World Antwerp Gateway needed useful and reliable operational and performance information about their 58 Kalmar Straddle Carriers to better understand exactly how their operations were running and where they could make improvements to keep their fleet running optimally.

“We need to receive correct information quickly on our equipment so we can take appropriate action. We also need the data to be transparent and as easy to use as possible,” explains Jurgen Van Remoortere, Automation Manager for DP World Antwerp Gateway.



The solution.

Antwerp Gateway chose Kalmar Insight: a cloud-based performance management tool for cargo handling operations which can collect data from multiple sources and provides actionable information in a user-friendly, versatile dashboard for users to analyse and take appropriate actions to keep their fleet running optimally. Kalmar Insight data can also be integrated into other performance management systems.

Kalmar Insight can be accessed wherever you are through either your laptop, tablet or smartphone and enables Antwerp Gateway to view their equipment's real-time and historical performance data quickly. The team at Antwerp Gateway can change their view from one machine or one operator to a complete summary view of all their 58 Kalmar Straddle Carriers instantly. Kalmar Insight can be used for all Kalmar equipment and can be connected to equipment from other manufacturers if required.

The results.

The main benefit DP World Antwerp Gateway have found in using Kalmar Insight is time. They are using Kalmar Insight to plan and optimise their maintenance activities, helping them reduce and avoid downtime by improving the reliability and availability of their equipment. They have also saved time by using Kalmar Insight to improve their fuelling processes by understanding the work cycles of their equipment. By improving the efficiency and productivity and reducing fuel consumption of their straddle carrier fleet they are directly improving not only their profitability but also their sustainability credentials by reducing their carbon emissions.

“It is easy and logical to use. The interface is user-friendly and not complicated, so you don't need lots of training,” says Jurgen De Breuck, Manager Rolling Equipment and Welding at DP World Antwerp Gateway. “We had a foreman who used it immediately after receiving his username and password.”

Gathering and analysing the data provided by Kalmar Insight gives immediate concrete benefits, but it can also lay the groundwork for even more improvements in the future. Antwerp Gateway already has some innovative ideas in mind.

“By gathering quality data this helps us to create future innovations, like automation solutions,” says Van Remoortere. “We can also add other things in the future to improve safety, like stability control. This will help us remove human errors and build a better business for the future.”



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