

Port of Rotterdam



About the Port of Rotterdam

The two key duties of the Port Authority are sustainable development, management and exploitation of the port and the maintaining smooth and safe shipping processes. The aim of the Port of Rotterdam Authority is to reinforce the competitive position of the Port of Rotterdam as a logistical hub, as well as an industrial complex on a global level, not only in terms of size but also in terms of quality. That is why the Port Authority is a pioneer in the transition to sustainable energy, aiming for digitalisation in order to make the port and trade flows even more efficient.

Chain optimisation of inland container shipping

The Port of Rotterdam has set up NextLogic for the purposes of chain optimisation of inland container shipping. The implementation of this new planning system will optimise the use of quays by inland vessels. In order to achieve this, product-like data is required.

Migration key facts



Test data

Production-like test data



Simulations

Lifelike simulations made possible



Consultancy

Data strategy and data quality

Data strategy and data quality

On the basis of smart algorithms, DX generated production-like test data in order to be able to test the implementation of the new planning system. DX also offered consultancy services with regard to the data strategy and data quality.

Contact us for more information

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Each year, an estimated 2,500,000 containers are transported by means of inland vessels. At the moment, planners only have insight into their own time schedules and available capacity, which means that they are often unable to tie up supply and demand well. Nextlogic changes this by offering an integrated time schedule for the processing of inland container vessels at terminals, barge operators and empty depots.