

REFERENCE CASE



# STOLT-NIELSEN CHOOSES A CUSTOM OUTSYSTEMS DEPLOYMENT AND MANAGEMENT SYSTEM (ODMS) BY TRANSFER SOLUTIONS

SINCERE IN CONTACT / SKILLED / SOCIALLY INSPIRED / SUSTAINABLY INNOVATIVE

**TRANSFER**  
SOLUTIONS

## STOLT-NIELSEN INTRODUCED

Stolt-Nielsen is an organisation in the maritime sector handling transportation and storage of liquids, particularly special bulk chemicals. These liquids are transported in large tankers, and Stolt-Nielsen was looking for a good and simple way to manage the work orders of these ships.

### Challenge

#### Digitising workorders via an OutSystems application

With a fleet of 104 (container) ships, it is important to Stolt-Nielsen that the work orders of each ship, mainly administrative actions to be taken, such as checks or the issuing of work permits, are followed to the letter. These actions are of vital importance to prevent accidents on board, especially when performing dangerous tasks. Previously, all this (management) process took place on paper, but Stolt-Nielsen wanted to digitise the work orders in order to add more control and structure to the proceedings.

In response to these wishes, an application was developed with the OutSystems platform. Transfer Solutions, with their knowledge and experience, was called upon to provide necessary expertise during this project. Together, we first inventoried the challenges involved in digitizing the ships' work orders. Next, using the low-code OutSystems platform, we developed an application that contributes to the speed, efficacy, and safety of the work on board of all 104 ships.

### Solution

#### ODMS to support all ships at once

Next, Stolt-Nielsen asked Transfer Solutions to distribute the application and to keep it updated on all 104 ships at once. Transfer Solutions had already overseen a large number of production environments during a previous project, and with this knowledge and experience they developed a custom-built OutSystems Deployment and Management System (ODMS). The ODMS supports OutSystems infrastructures in order to manage decentralised production environments from one central point at the same time. It makes it possible to control the production environments on all 104 ships at once.

### Result

#### A unique solution!

ODMS is an innovative system with new possibilities. It is an expansion of the LifeTime management tool provided by OutSystems. Where LifeTime only supports central environments, ODMS manages decentralised environments, and the possibilities are endless: there is no limit to the number of environments, a must in the case of Stolt-Nielsen, and smart technology is used to analyse trends in the environments, based on which preventative action can be taken if it is predicted that the environment may encounter problems in the future. Moreover, with ODMS, the parallel implementation of distributed environments is entirely supported, which means that at Stolt-Nielsen, all the ships are directed at the same time.

#### Stolt-Nielsen as launching customer

As 'launching customer', Stolt-Nielsen played an important role for Transfer Solutions in the development of the ODMS. During the pilot, they collaborated on devising broader uses of the application to make the ships run as smoothly as possible. By investing in extensive tests together, we now have a unique solution that is functioning optimally. The current circumstances surrounding Coronavirus have delayed the deployment to production, but the first applications are up and running and are very promising!

### Our offer

#### ODMS as a SaaS solution

Transfer Solutions offers the ODMS as a SaaS solution, so it can be implemented by any organisation! Would you like to know more? Contact us by phone or e-mail at 0345 616 888 / info@transfer-solutions.com.

## About Transfer Solutions

Transfer Solutions is a healthy, solid and innovative IT service provider with a clear profile and presence in the market. Since its foundation, in 1995, Transfer Solutions has grown from 10 to 160 enthusiastic employees. The total service package includes the design and development of IT solutions as well as the professional management of the built systems. Transfer Solutions also has a training center where IT professionals are trained in the field of Oracle OutSystems and Java technology.

## About Stolt-Nielsen

Stolt-Nielsen is a long-term investor and manager of businesses focused on opportunities in logistics, distribution and aquaculture. The Stolt-Nielsen portfolio consists of its three bulk-liquid and chemicals logistics businesses – Stolt Tankers, Stolthaven Terminals and Stolt Tank Containers – Stolt Sea Farm and investments in LNG

Founded in 1959, Stolt-Nielsen is recognised for its sustained focus on safety, quality, reliability and flexibility.

The Company employs more than 6,000 people across 30 countries and is listed on the Oslo Stock Exchange (Oslo Børs: SNI).

[www.stolt-nielsen.com](http://www.stolt-nielsen.com)

