www.adeptsolutions.co.uk

Case Study

Component-level allocation for the Fredericia Oil Terminal

DONG Oil Pipe needed a system to manage the complex hydrocarbon accounting requirements of its oil export pipeline to the Fredericia Oil Terminal on Jutland, Denmark

Challenge: DONG Oil Pipe owns and operates the 330 km oil export pipeline between the Gorm "E" platform in the Danish sector of the North Sea and the company's crude storage and export facilities adjacent to Fredericia refinery on Jutland. With new third parties scheduled to start exporting fluids through the pipeline from 2017 onwards, DONG Oil Pipe required a system to allocate finished products and water at the Fredericia oil terminal to each of the entrants based on their delivery of crude petroleum into the pipeline. Critical requirements of the system would include component-level allocation and management of data from sample analyses. The client also needed the ability to readily carry out scenario analyses based on an offline copy of the allocation system's database.

Solution: DONG Oil Pipe selected Axis Production as the basis of the Fredericia allocation system. The product's capabilities in component-level allocation and allocation across multiple product types made it ideally suited to deliver the requirements of the complex calculations inherent in the commercial agreements entered into by the pipeline users. The offline mode add-in provided a perfect fit to the client's requirements for analysing what-if scenarios.

Results: Following a successful Axis implementation project, DONG Oil Pipe is now ready to execute the complex requirements of the Fredericia allocation system.

"Axis solves complex hydrocarbon accounting problems."

AXIS by adept solutions

Adept Solutions
24 North Silver Street
Aberdeen
AB10 1RL
United Kingdom
T: +44 (0)1224 543460
E: enquiries@adeptsolutions.co.uk