

WHEREOIL

National data repositories

Diskos: A transparent data environment for Norway

The Norwegian Petroleum Directorate (NPD) is responsible for the Diskos database, the national data repository that handles E&P data gathered on the Norwegian continental shelf. When this organisation decided to adopt a model that would make data more easily available to operators and investors, they selected a solution that uses Whereoil as the data integration system.

Challenge

NPD requires the capability to handle all relevant data types, including unstructured data and the ever growing volume of seismic, well log and production data. The existing system had been in use since 1994 and while it provided most of the required functionality, it had become obsolete and could not be easily expanded to make use of more modern technologies or meet changing requirements. The new system would have to provide greater flexibility. It would make it easier for users to identify what data was available and streamline the data ordering, trading and distribution processes.

Solution

The Whereoil installation for Diskos was designed to receive new data from member organizations and to publish and present the relevant data to authorized Diskos members. The Whereoil interfaces would enable users to browse for data, notify companies about the availability of new data, and enable them to order data from the repository. Whereoil's flexibility would enable the development of customized functions such as the production of entitlement reports and the creation of data completeness reports for operators and for NPD.

Benefits

Diskos members can now explore all the data from one single point of entry and find everything to which they are entitled much more efficiently; including data they have gained access to following a trade with other operators. The powerful Whereoil API is used to communicate with CGG's Trango database and to allow Diskos members to integrate their entitled data with their in-house applications and workflows. The Whereoil Well Downloader module supports automated retrieval and synchronization of the new Diskos well data with no user interaction, and ensures that it is available for loading into the company's data store. Member companies can also define areas of interest and set filters that restrict which well data is automatically downloaded

Whereoil is a flexible solution that works at the scale you need: whether that is a local installation for a single business unit or a global solution delivering data integration across every office in a multinational corporation. Whereoil makes searching and connecting data simpler and more powerful than ever before. Whereoil is much more than a powerful search engine: it also offers effective solutions for fast and efficient data loading and effective storage.

The transition from the previous system was smooth and the resulting solution has increased the efficiency of the Diskos data operations for all parties. Whereoil has been the driving force behind Diskos since 2015.



Challenge

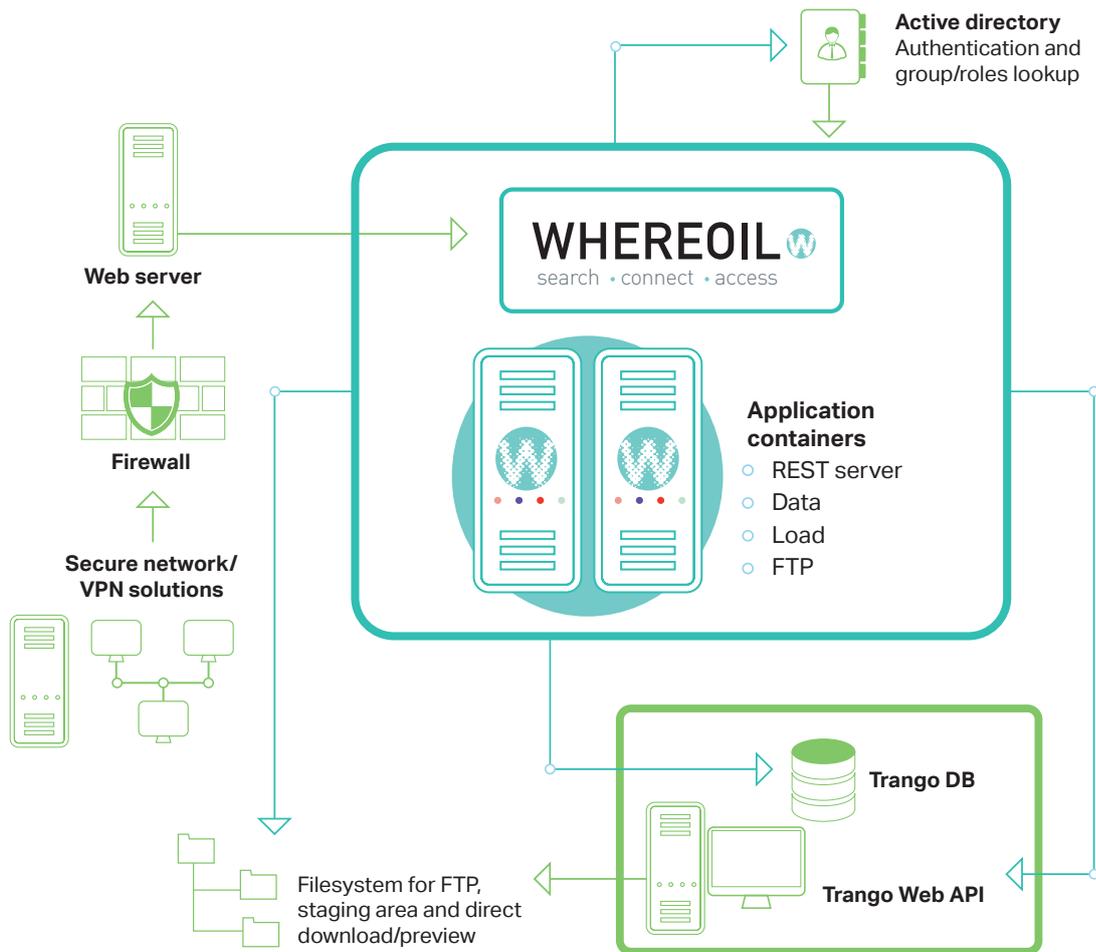
to deliver a modern, flexible data repository with improved ordering, trading and distribution capabilities

Solution

a Whereoil-based system with customized functions and better integration options

Benefits

enhanced search efficiency, improved data handling and automated retrieval and synchronization of new data



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