

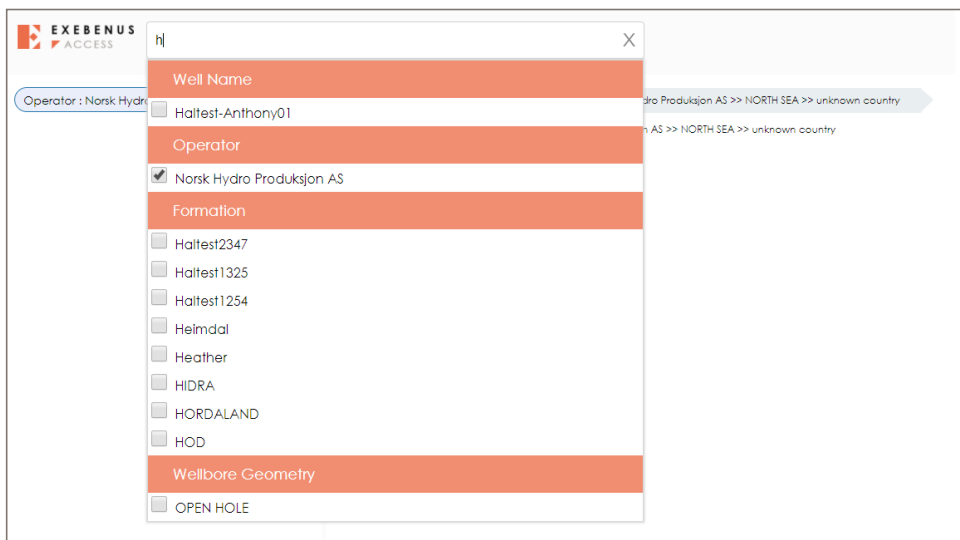
Improve operational decisions by accessing critical insight and experiences

In operation learning from past experiences makes it possible to minimize risk and increase safety. Exeбенus Access makes it possible to perform guided search into WITSML data to assess previous events and their resolutions. With the ability to easily access and compare historical and current operations, optimal parameter adjustments can be performed and productive time improved. When all the facts are available the office and rig site can make sound judgement, and provide answers to successfully move operations forward.

QUICKLY AND EFFICIENTLY FIND FACTS USING GUIDED SEARCH

We all maintain a healthy skepticism to the phrase 'this has never happened before' – because it most likely did. WITSML data collected during operations documents what happened. Extracting this information would be beneficial, however, until now that has been difficult leaving a valuable source of information untapped.

With Exeбенus Access the WITSML data can be actively used during operation. It is the only tool with Guided Search functionality letting your team explore stored WITSML data with familiar terms, such as formation names and sections, to quickly find logs, drilling parameters and information from any well, at any depth and time. The data can be visualized and analyzed using the multi-display capability.



Provide answers using

- Multi-display to analyze parameters for improvement
- Guided Search in context to expose relevant historical WITSML information
- Integration with SiteCom WITSML data base providing side-by-side displays of real-time and historical data

"We have all this WITSML data but we rarely use them. We nevertheless keep them. Without a way to search and extract knowledge, I don't know why we keep them"

**DRILLING MANAGER,
NORTH SEA OPERATOR**



**PROVIDE ANSWERS.
MOVE FORWARD.**

REDUCE RISKS BY MINING EXPERIENCES AND SHARING KNOWLEDGE

Exebenus Access lets you use historical WITSML data to recognize what caused or triggered a reaction and learn what was done to resolve or improve the situation. By zooming in on the right time or depth sequence users can examine side-by-side, in context WITSML logs, well schematics, runs and geological information.

Editing and adding comments makes it possible to share and highlight important knowledge to continuously improve operation.

IMPROVE PRODUCTIVE TIME BY COMPARING THEN AND NOW

In the real-time operation center the drilling engineers can compare current operation with offset wells and perform parameter analysis, e.g. ROP in the Brent formation, and the operation geologist can examine current vs. historical logs and adjust well placement accordingly.

Exebenus Access lets your team focus on improving productive time by understanding the delays and obstacles in the critical path and eliminate invisible lost time. The application complements real-time and simulation software by adding knowledge from past operations.

SEAMLESS INTEGRATION WITH INDUSTRY WITSML DATA STORES

Exebenus Access is a plug-in to Kognifai digital ecosystem platform and uses SiteCom real-time data aggregation and visualization solution. The application uses SiteCom's familiar log displays for visualization of real-time data. The edit and comment functionality stores the new information back into SiteCom with user tracking.

