

B2|Integrated Well Planning

B2|Integrated Well Planning is an interactive tool that enables cross-disciplinary well planning work processes by providing key functionalities with the areas data handling & integration, collaboration, documentation and visualization across the different domains involved in the planning steps.

Data handling & integration

Through the **B2|Integrated Well Planning** interface, the engineers can perform drag and drop operations directly between their domain specific applications, thus speeding up and increasing efficiency of the team, while lowering the requirements for special training in manual IT-centric data management applications that is outside of their professional skill-set.

Specific and critical data points related to the work process can be made available within the team, and processed to match requirements for how the data should be used by others.

Collaboration

Within the framework of **B2|Integrated Well Planning**, the engineers share information about the updates in the different technical systems connected to the well planning work process, and can inspect the progress of the planning process in terms of changes that happen in real time.

Documentation

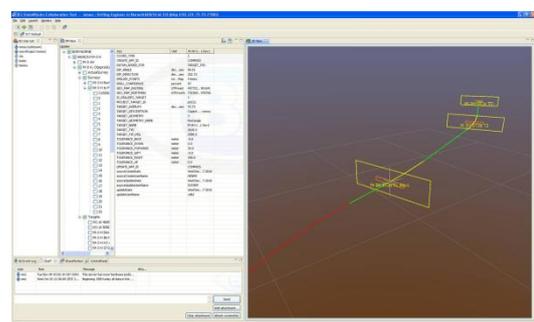
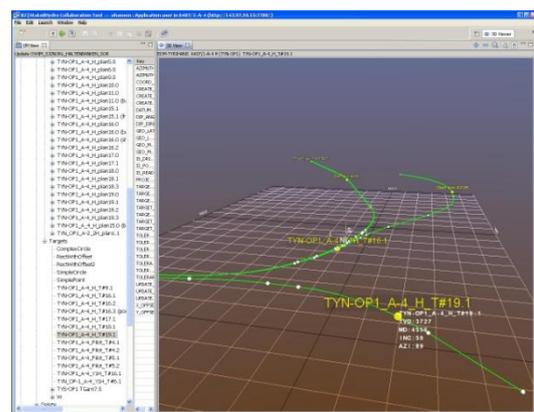
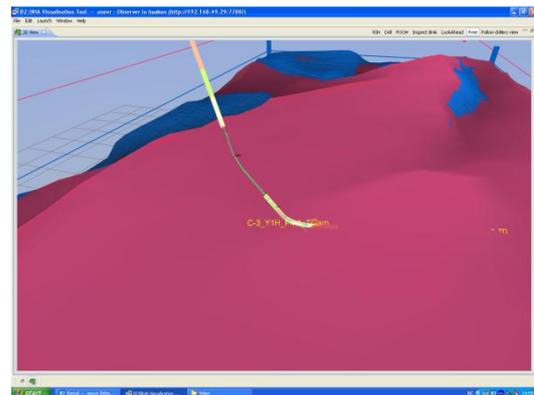
The application combines information about changes in the connected technical applications, virtual meetings, annotations such as comments and links to documents and screenshots provided by the team members during their work sessions into a rich documentation. The documentation serves as help for team itself, can be used for verification of work, experience transfer and learning purposes as the organization changes.

Visualisation

The application has a built-in 3D viewer for quick and easy access to co-visualisation of

multiple data types in a common visualisation engine where correlations and evaluation can be done in a cross disciplinary team.

All of the data types can be integrated into a common 3D view with 2D overlays.



Information stores

The tool links to existing applications and databases such as for example:

- Halliburton Landmark OpenWorks
- Halliburton Landmark EDM
- Completions Services Completion
- Sting Design (CSD)
- Knowledge Systems Predict
- StrataData Ltd Stratabugs
- Schlumberger Eclipse
- WITSML 1.2, 1.3, 1.4
- Various in-house and legacy databases

The B2 suite contains a framework that allows extension and creation of new connectors to applications and databases as well as customization and extension of the functionality of the tools.

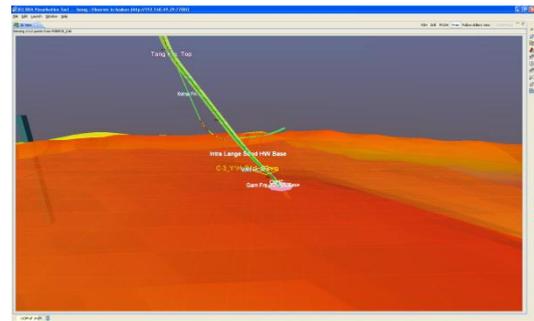
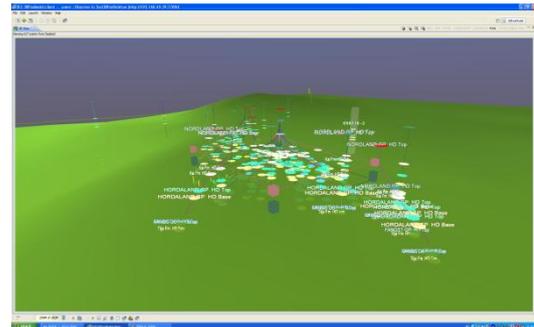
Relevant work flows

- Well Planning
- Geosteering
- Drilling

B2 infrastructure

The **B2|Integrated Well Planning** is one of the components in the B2 suite. The B2 suite also contains the required server and integration components, such as the **B2|Collaboration and Integration Server**, **B2|Meta Model** and **B2|Integration Modules**.

This common infrastructure serves end-user application clients such as the **B2|Integrated Well Planning**, **B2|Integrated Operations**, **B2|Virtual View** and **B2|Virtual Arena**.



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