

OpenSpirit Real-Time Drilling Workflows

LoadIT™ WITSML™ and OpenSpirit – the first end-to-end, source-to-destination and vendor-independent environment for transfer of real-time data to the destination project data store of your choice.

LoadIT WITSML is a data transfer utility from OpenSpirit that enables real-time data access and data transfer of critical well data from multiple WITSML server sources to any OpenSpirit-enabled data store.

For the first time, geoscientists, engineers and asset teams can have easy access to real-time drilling data directly from their existing OpenSpirit integration environment.

E&P End Users

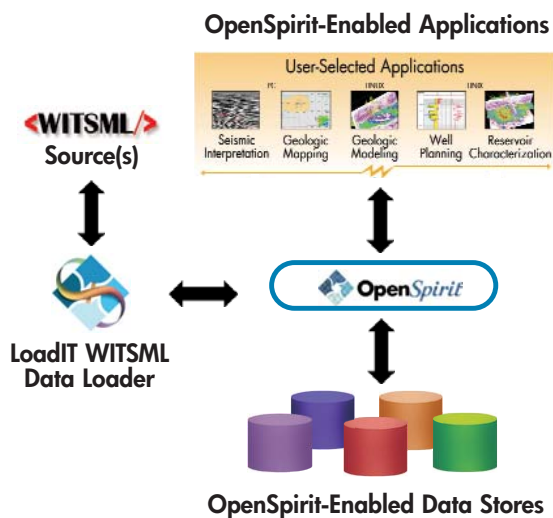
- Automate the data transfer process from WITSML server source to destination project data store – save time and reduce risk by eliminating time-consuming and error-prone import/export processes
- Convert unit, coordinate, and attribute values on the fly based on the requirements of the destination project data store
- Access a robust set of WITSML data types, including well headers, log curves and directional surveys
- Create a “virtual” operations decision center from your desktop – well data comes to you in a format your applications can use; work within your existing geoscience environment
- Drive better drilling decisions in near real time, while optimizing both your well and your drilling spend
- Promote rig-to-office collaboration across the life of the project

“This would really save time for our data techs who are tasked with the tedious data export/import of real-time log data into our projects. Efficient data management is an added benefit.”

– Oil Company End User

OpenSpirit Business Partners

- Take advantage of right-time access to real-time data via your OpenSpirit-enabled applications. If you have read/write data access today, your application is already real-time enabled and ready to access data directly from any OpenSpirit-enabled data store.
- Expand your real-time drilling operations workflows to include the full reservoir. OpenSpirit-enabled applications, such as petrophysical analysis and 3D earth modeling tools, use the same data as the field, driving collaborative decisions that consider both the well and total reservoir knowledge.



“Recognizing, in right time, a deviation in the actual versus expected reservoir marker depth, allowed us to adjust the well’s starting core point depth. This ensured both the successful acquisition of the core and appropriate allocation of drilling dollars to the collection of the required well data.”

– E&P Company Geologist



LoadIT WITSML Features

- Enables discrete, real-time data transfer, or continuous data streaming, based on the criticality of the drilling phase
- Supports multiple WITSML sources, including Schlumberger Information Solutions (SIS) InterACT, Sperry INSITE Anywhere, Kongsberg SiteCom, Petrolink, Wellstorm, Perfomix PetroSocial Field Gateway, and more
- Leverages SIS Osprey Connect SDK libraries to access multi-vendor WITSML server sources
- Supports the following data types:

OpenSpirit Objects

- Wells
- Wellbores (including deviation surveys)
- Well logs

WITSML Objects

- Wells
- Wellbores
- Logs
- Trajectories
- TrajectoryStation

Take Right-Time Connectivity to the Entire Asset Team

Give your asset teams access to the WITSML data they need to make timely decisions. Rig-to-office collaboration has never been easier!

For more information about using OpenSpirit to streamline your G&G workflows, contact OpenSpirit today!

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Enabling Cross-Discipline Collaboration in the Digital Oilfield

Increasing reservoir complexity demands comprehensive analysis coupled with excellence in science. Multi-vendor environments allow you to bring together the best tools to view the subsurface, making collaborative workflows and cross-discipline decisions a business imperative.

However, fundamental integration challenges still exist in our industry. Data locked away in diverse data stores, multiple legacy projects and inherited IT environments are a barrier to realization of this Digital Oilfield vision.

At OpenSpirit, our sole focus is integration:

- SOA
- Standards Based
- Platform Independent
- Vendor Neutral
- Event Driven

As the industry’s undisputed open-integration standard, OpenSpirit is the key to achieving true workflow transparency.

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