

OpenSpirit - OpenWorks® R5000 Workflows

System administrators, data managers, and geoscientists are eager to realize the benefits of the latest geotechnical applications and integrated workflows.

The E&P industry can now take advantage of the many benefits of Landmark's OpenWorks R5000, and by using the OpenWorks R5000 data connector from OpenSpirit, continue to reach out to best-of-breed applications and data stores that comprise their multi-vendor environments.

- Leverage expanded workflow flexibility via simultaneous access to R5000 and OpenWorks 2003, from all OpenSpirit-enabled applications
- Use the OpenSpirit Scan Utility to get a visual GIS perspective of data *before* and *after* upgrading to R5000
- Utilize the flexibility of simultaneous access to R5000 and OpenWorks 2003 to execute a phased approach in migrating to R5000
- Perform efficient, one-step data transfer between R5000 and OpenWorks 2003, as well as other OpenSpirit-enabled data stores, using the OpenSpirit CopySync utility

Key Workflows that You Can Take Advantage of Today

Geotechnical: Petrel – OpenSpirit – OpenWorks 2003 – OpenWorks R5000

- With OpenSpirit v3.1.1 or higher, Petrel users can read/write data from both OpenWorks 2003 and R5000, simultaneously
- Data managers can upgrade to R5000 and simultaneously manage any existing OpenWorks 2003 installation, as required

GIS: OpenWorks 2003 – OpenWorks R5000 – OpenSpirit Scan Utility – OpenSpirit GIS Integration

- Using the Scan Utility, you can build shape files or write to an SDE-enabled database to represent well, seismic and interpretation data from all projects in OpenWorks 2003
- After migrating to R5000, you can regenerate shape files or SDE layers for migrated data in R5000
- Browse GIS data in the GIS browser of your choice
- Using the OpenSpirit ArcGIS Extension or ArcGIS Explorer Adapter, you can verify the progress of migration projects and broadcast map selections to other OpenSpirit-enabled applications for data comparison

Data Management: OpenWorks 2003 – OpenWorks R5000 – OpenSpirit CopySync

- Using OpenSpirit CopySync, you can transfer selected OpenSpirit data types from OpenWorks 2003 to R5000 and vice-versa, in one step
- Copy jobs can then be scheduled to run at regular intervals



Cross-discipline Collaboration

Multi-vendor environments allow you to bring together the best tools to view the subsurface.

OpenSpirit works with more than 40 key solution providers to deliver workflow flexibility and open data access to the industry.

For a complete list of third-party OpenSpirit-enabled applications, see the **Application Adapter Matrix** at www.openspirit.com.

Vendor-specific Data Store Connectors

OpenSpirit enables your applications to create, read, update and delete data from anywhere within your network using data servers for your specific databases.

- OpenWorks/SeisWorks
 - GeoFrame/IESX/Charisma
 - Finder
 - KINGDOM
 - ArcSDE
 - Petra
 - Managed SEG Y
 - Recall
 - Epos/Geolog
 - PPDM
- Including:
- geolOGIC Data Center (gDC)
 - IHS Canadian Data Hub
 - Fugro Trango Well
 - NeuraDB
 - Oilware

Make the Most of your Geotechnical Environment

Keep your G&G teams working on interpretation and problem solving – not integration. 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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April 2010