The high costs of well construction coupled with the concerns for safety make deployment of effective real-time solutions an imperative in today’s exploration environment. Landmark’s real-time solutions provide a unified platform for operators to take control of their real-time data and infrastructure to help promote safety and drive efficiencies in well construction operations across the organization.

Landmark’s real-time solutions consist of two primary components: DecisionSpace® InSite®, vendor neutral, real-time data aggregation, management, and preservation system; and DecisionSpace InSite Direct, a simple-to-use graphical dashboard that enables engineers to gain real-time situational awareness at the well site, the office, or remote operations centers across all service providers.

Based on the real-time platform used across Halliburton for more than 15 years on thousands of wells throughout the world, the DecisionSpace InSite application is proven technology. Available now as a standalone product and independent from any Halliburton rig services, it enables operators to aggregate data from all service companies into a persistent data store for real-time monitoring, compliance records, and to feed well planning activities to improve the next well construction plan.

Deployable at the rig site, in the office, or as the backbone of a real-time operations center anywhere in the world, the DecisionSpace InSite application is crucial technology for operators to deliver real-time monitoring and analysis solutions that help promote safety and drive efficiencies in well construction across the organization.

**Benefits**

**Safety Awareness**

Bring together important well construction information in real time so experts can make informed decisions faster to address potential safety issues. The DecisionSpace InSite application aggregates drilling data, such as torque, hook load, and pit volume, as well as geological and petro-physical data, being captured from activities like gamma or resistivity logging, together from all service companies at the well site. Robust alerting and calculation capabilities enable engineers to monitor a wide variety of conditions in real time so they can act quickly when potential safety threats emerge.

**Take control**

Users can create their own real-time operations center anywhere in the world. With the DecisionSpace InSite application the operator has ownership of the data and the real-time system, not service providers, and can deploy it at any well site with any mix of providers that is required. This makes it an excellent platform to power real-time operations spanning multiple wells in a region, or enterprise-wide.
Preserve data for well planning

Close the loop and incorporate real-time data back into the well planning process. The real-time data captured by the DecisionSpace InSite application is housed in a persistent data store owned by the operator. This enables more than well construction monitoring and analysis. The data is stored for compliance records, available for audits, and can be integrated through open standards with other well planning applications, from Landmark or others, to for improving the next well construction plan.

Open and vendor-neutral

DecisionSpace InSite is provided as a standalone application, independent from any other well construction services offered by Halliburton. Operators can utilize the open architecture to integrate data from any service provider via a variety of data formats and industry standards. As needs change, it gives the operator the flexibility to add or remove service companies without disrupting real-time operations. This provides operators the freedom to work with any service provider at the well site while still leveraging the same unified real-time system across the organization.

Proven technology backed by experts

Don’t take chances. The DecisionSpace InSite application is proven technology in use by Halliburton on thousands of wells throughout the world today. Have confidence and stability from a time tested platform, with the assurance of partnering with an oil services leader that can deliver both now and in the future.
**Features**

**Real-time data management**
Aggregates well construction data from all services at the well such as logging while drilling, mud logging, and automatic drilling recorders regardless of provider. It can manage data from all vendors to feed monitoring and analysis using the DecisionSpace InSite Direct dashboard, or any other WITSML compatible viewer. After the well construction is complete, real-time data is preserved in a persistent data store and can be reviewed again as needed, or integrated with other well planning applications.

**Create and manage alarms**
Robust alarm capabilities allow creation and management of alerts for any piece of data in the system. Experts can be notified by a variety of on screen notifications, email, or text message when data falls outside of established safety parameters. This quickly provides experts the important information they need to make critical decisions.

**Data calculations engine**
A flexible data calculations engine enables customized analysis with the ability to calculate new values from the real-time data and construct complex algorithms. This enables engineers to monitor specialized conditions and to use these calculated values in alarms.

**Supports open standards**
Aggregates data from across the industry through a wide variety of data formats and open standards used by service providers including WITSML, WITS-O, LIS, LAS, DLIS, Excel, and various formats of ASCII.

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**System and Software**

**Recommended Hardware**
- Dual Core Processor
- 16GB free HD space for most Operating Systems, 40GB for Windows 7 64-bit
- 4GB RAM

**Operating Systems**
- Microsoft® Windows® 7 Enterprise 64-bit with SP1
- Windows 2003 Server with SP2
- Windows XP Pro with SP3

Configure alarms to notify engineers of potential problems.
The high costs of well construction coupled with concerns for safety make deploying effective real-time solutions an imperative in today’s exploration environment.

*Landmark offers solutions to help you deliver on your business strategies. For questions or to contact your Landmark representative, visit us at landmarksoftware.com.*