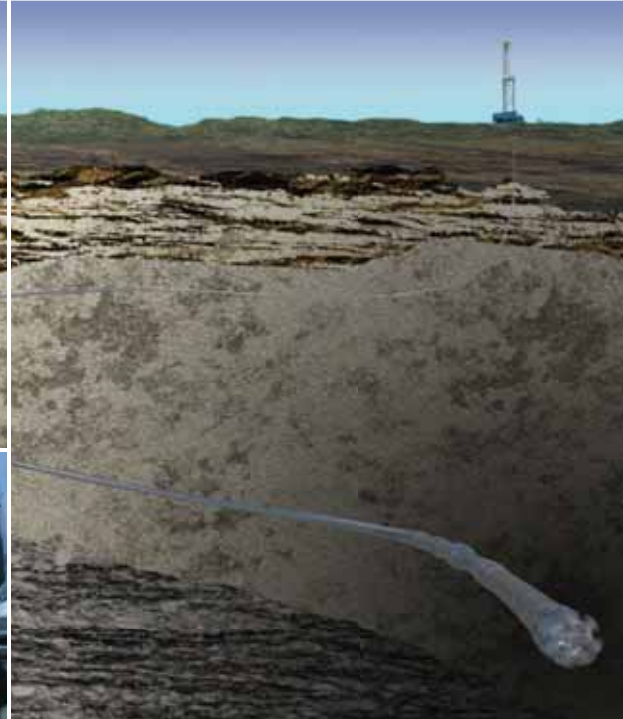


Schlumberger



Engineer every well with
greater productivity
and lower risk

Osprey





Reduce cost—and
increase well productivity



Osprey

Drilling used to be all about getting the well drilled quickly and cheaply—and avoiding unplanned nonproductive time.

Now drilling engineers and managers increasingly focus on the business impact of drilling—not just on reducing cost, but on increasing well productivity to improve reserve replacement ratios and production in both new and aging reservoirs.

Drilling professionals want to be able to use information—both historic and real-time—to drill better wells and deliver optimum NPV, especially in an environment where they are drilling more complex and expensive wells with increased risk and where people are stretched very thinly. You need to anticipate critical risks, improve execution, and forecast results throughout the entire drilling process.

Key questions—such as how to balance mechanical risk and reservoir uncertainty, why drilling stopped where it did, and how much oil and gas was left behind—need to be answered. And drilling managers want to understand drilling costs as a function of overall finding and development costs.

Have you asked yourself these questions?

- Which of my KPIs are the easiest to improve and have the greatest impact?
- What is the bottleneck to drilling more wells this year?
- How can I find high-impact, low-effort initiatives that will maximize my up-time?
- Would pad drilling be more cost-effective than multiple vertical wells?
- Am I getting stuck? Is there a way out?
- Should we change our trajectory to maximize reservoir contact?
- Did my last workover improve production as expected? If not, why not?
- How do I make sure my casing will survive the productive life of the well?
- I need to keep my lease. Can I drill a well cheaply and quickly, and still get some useful reservoir information?
- My operators, partners, and service companies send me morning reports in their own formats—how do I keep track of what's going on?

BEYOND SOFTWARE

Our leading well construction expertise and worldwide presence enable customized solution deployment. We offer support and training to solve your unique drilling challenges.

Osprey* drilling software works out of the box. Our technical consultants can help you take it further to maximize your return on technology investment.

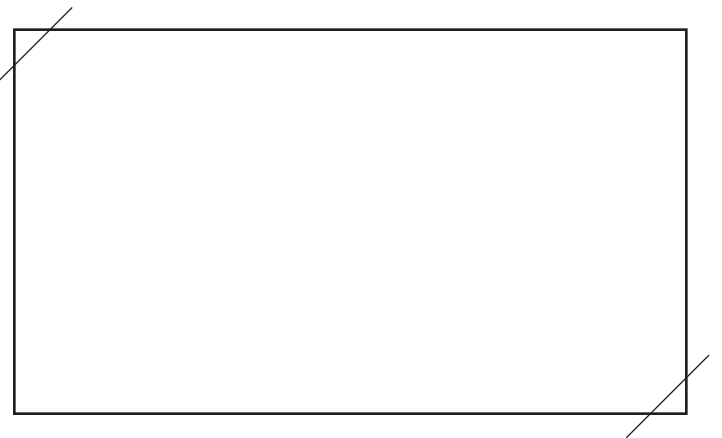
With these superior technologies and services you can reduce operations time and also add business value from your drilling or workover operations.





**Today, more is at stake. Risk tolerance has dropped
and the investment community expects drilling success.**

FAILURE IS NOT AN OPTION.



Meeting the challenges of drilling today

Drilling organizations face increasingly complex challenges, which have changed from even just a few years ago. More remote areas, deeper water, and more difficult reservoirs are driving changes in requirements and workflows. Longer-reach multilateral horizontal wells, real-time geosteering, and underbalanced drilling require more skill, while people and rigs are at a premium.

Solutions need to address these complexities without complicating your life. Osprey drilling software and services help you meet these challenges, so you can

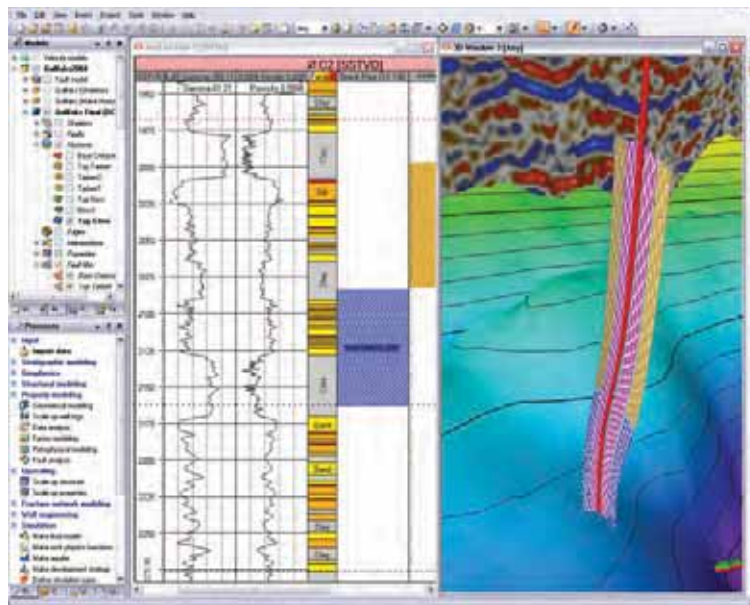
- maximize the productive life of the well
- evaluate drilling projects consistently with a standardized process
- optimize wells using accurate data and sophisticated benchmarking, engineering, design, and analysis
- increase reserves recovery through accurate well placement and minimized formation damage
- better understand cost versus risk trade-offs with alternative scenario testing
- predict and identify high-impact drilling problems
- link your office and the field for expert, collaborative decision making.

MAKING LIFE SIMPLER FOR THOSE WHO MAKE WELLS

Schlumberger Information Solutions delivers comprehensive solutions for your drilling challenges, providing experienced personnel, advanced processes, leading drilling technology, and proven drilling software.

Osprey software offers a vendor-neutral suite of integrated tools for the complete drilling life cycle—a proven system that remotely monitors, models, and controls processes to optimize drilling while increasing safety and reducing risk. From initial screening and planning through detailed engineering, real-time surveillance, and all reporting needs—including powerful data and knowledge capture for post-project review and analysis—Osprey drilling software

- helps you determine the best way to positively impact the NPV of each well
- incorporates superior design and analysis tools, powerful data management, and advanced reporting capabilities
- enables easy capture and transfer of lessons learned for each project
- improves management of drilling costs
- simplifies your workflow and facilitates collaboration across offices and regions across the globe.



Promote collaboration between specialists and offer a view of your world in their own environment.

THE WORKFLOW—SIMPLE, PRODUCTIVE, COMPLETE

Powerful, easy-to-use Osprey drilling software reinforces the standard workflow—plan, execute, evaluate—and integrates with your existing drilling applications.

Osprey Risk – rapid, iterative well planning for critical risk and cost assessment

Drilling Office* – drilling engineering

Osprey Tubular Designer – advanced design and analysis

Osprey Reports – fast well reporting for drilling, completions, and workovers

Osprey Operations Manager – performance benchmarking to anticipate and avoid costly problems

Operation Support Center (OSC*) – remote real-time monitoring, analysis, and collaboration to optimize operations and reduce risk

Drilling Visualization for Petrel* – a view of the well in the context of your shared earth model for improved risk anticipation

E-mail sisinfo@slb.com or contact your local Schlumberger representative to learn more.



Solutions that help you
address today's complexities.

Osprey



SCHLUMBERGER INFORMATION SOLUTIONS

Schlumberger Information Solutions (SIS) is an operating unit of Schlumberger that provides software, information management, IT infrastructure, and consulting services. SIS enables oil and gas companies to achieve breakthrough team performance, unlocking the potential of E&P teams to step-change their effectiveness and productivity. Through our technologies and services, oil and gas companies can drive business performance and realize the potential of the digital oil field.

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