



KONGSBERG

SiteCom®

Deliver safer, smarter, and more efficient drilling and well operations

Oil and gas operators face numerous challenges in delivering optimal drilling and well operations, but the tools to overcome them are within reach. With the right insights, talent, and technology, consistent and ever more efficient operations are possible. The real question is how to realise this potential — whether by learning from offset wells to improve planning, collaborating effectively in remote teams, or leveraging real-time insights to enhance decision-making.

For over two decades, SiteCom has been at the forefront, driving the adoption of new technologies and innovative working practices to transform the drilling and well operations domain.



Powering data-driven decisions

SiteCom ensures the reliable, low-latency delivery of real-time data, laying the foundation for truly data-driven decision-making. By combining real-time data with planning and contextual insights, SiteCom applications enable a deeper understanding of critical metrics such as KPIs, hole cleaning, operation classification, and more.

Acting as the central hub for well operational data, SiteCom supports seamless integration with third-party systems through standardised, high-performance APIs, unlocking countless valuable use cases and empowering teams to make smarter and faster decisions.

Facilitate more strategic actions with a unified interface

Leverage SiteCom – the Industrial Work Surface for drilling and wells – to transform vast amounts of unstructured data into actionable insights that provide a strategic edge.



Streamline well operations planning

The Industrial Work Surface integrates onshore planning, offshore drilling, well operations, and marine data to ensure smoother and more efficient operations.



Implement real-time analysis support

Monitor well operations in real-time, optimise cost analysis, and capture lessons learned through post-well campaigns to continuously improve performance.



Advance offshore well procedures and rig automation

Integrate apps with models and simulators to optimise the planning and engineering of a complete well design while staying informed about construction progress.



Manage data securely

Maintain the safety, integration, and usability of your data within a neutral and secure ecosystem.



Optimise OpEx and improve CapEx

Achieve superior well execution and placement, reducing drilling time, optimising SME time offshore and onshore, and increasing production volumes.

Redefining the digital oilfield with a future-ready data platform

SiteCom provides a secure, vendor-neutral foundation for digital transformation in the oil and gas industry. With advanced security features that meet industry standards, it ensures data protection while enabling seamless integration from multiple sources. Powered by WITSML 2.1, SiteCom supports advanced optimisation processes and drives innovation in the digital oilfield.

In collaboration with trusted partners like Microsoft® for cloud solutions, Exeбенus® for machine learning capabilities, and Keystone® for integrating planned and actual activities to enable digitally optimised processes, SiteCom goes beyond standard oilfield data to deliver flexibility, interoperability, and a robust infrastructure for ongoing innovation.

The solution in action

Optimising drilling efficiency and reducing costs with SiteCom

A mid-sized energy company undertaking a multi-well drilling campaign in a remote offshore field faced repeated unplanned downtime, leading to rising costs and delays. Fragmented data from multiple systems and providers hampered effective collaboration between onshore and offshore teams. Limited real-time performance monitoring and operational inefficiencies resulted in costs escalating by hundreds of thousands of Euros per well.

After implementing SiteCom, the company successfully integrated rig operations data, enabling real-time monitoring and predictive analytics. By connecting onshore and offshore stakeholders on a single platform, teams gained access to contextualised data, instant deviation alerts, and the ability to proactively adjust operations. SiteCom's workflow capabilities and advanced visualisations helped engineers to plan and execute drilling campaigns more efficiently, ensuring alignment across all stakeholders.

With SiteCom, even medium-sized energy companies can significantly reduce non-productive time (NPT) and achieve substantial savings in operational costs per well.

Discover why industry leaders are choosing SiteCom

Despite having more access to technology than ever, energy companies managing drilling and well operations still face persistent challenges.

With over 20 years of driving innovation in digital energy technologies, SiteCom from Kongsberg Digital helps organisations to overcome issues like fragmented data, unplanned downtime, and inefficient operations by delivering real-time insights and enabling seamless collaboration across teams. By improving decision-making, optimising performance, and reducing costs, SiteCom transforms how companies plan, execute, and monitor their drilling and well operations.

“In drilling, any unplanned stop implies a very high cost. With SiteCom, we know what happens in real-time.”

Renata Martin,
Head of InWell Control Center,
Repsol

Help your heavy-asset organisation gain a competitive edge

Contact us to discover how Kongsberg Digital can help you reach new levels of productivity.

[Talk to an expert](#)
