



Digital drilling rig

The closed-loop drilling execution earned both companies the 2025 Digital Enabler of the Year Award and represents a step forward in ...

Computers and sensors now help drilling rigs work smarter and faster. What that means is that they can drill more effectively and more accurately, which saves time and money."

Technoton"s solution "Digital drilling" is designed for performance evaluation and optimization of drilling rig"s power units (diesel generator sets) and remote ...

Digital tools are making Digitalization and Automation for Oil Drilling safer and more efficient. For example, real-time monitoring systems allow operators to track drilling ...

IN Safely develop and refresh operators" skills on Sandvik drill rigs with our new underground LEARNING drills simulation equipment.The drill start-up period is shortened as the transition ...

Industry mandates for more sustainable operations and higher levels of efficiency and performance are reshaping drilling and well ...

When picking up a rig from a new drilling contractor, there is often a discovery period as teams work to align on processes, expectations, and performance goals. Engaging a ...

Digital tools are making Digitalization and Automation for Oil Drilling safer and more efficient. For example, real-time monitoring systems ...

Watching Drilling Rig Activity in Real time Has Real Value Real time performance monitoring is one huge benefit of digital integration. That means operators can see exactly ...

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As demonstrated using the Bakken well data, the drilling digital twin technology is enabling the first time-to-TD predictions made in real time using predictive ...

In addition to its intelligent drilling control system, Sandvik iSeries drills offer autonomous, high precision navigation, and digital transformation solutions to fit your operational needs.

Speedotrack "Digital drilling" is designed for performance evaluation and optimization of drilling rig"s power



Digital drilling rig

units (diesel generator sets) and remote ...

Decoding Platform A powerful decoding platform able to operate in the most challenging environments. Built from the ground up to support mud pulse, EM ...

Drilling automation is one of the primary ways in which data and digital technologies are already being leveraged by today's rigs. The NOVOS system, developed by National ...

Industry mandates for more sustainable operations and higher performance are reshaping drilling/well construction. For years, digital innovation has been ...

This solution orchestrates autonomous directional drilling with automated wellbore hydraulics and dynamic surface drilling rig equipment ...

Offshore drilling contractor Dolphin Drilling has signed a letter of intent for a contract for the Borgland Dolphin semi-submersible drilling rig. The potential contract would be ...

LOGIX(TM) drilling performance offers an integrated autonomous drilling solution that drills smart wells consistently, with accurate well-positioning, and superior ...

The Digital Rig solution, powered by GE's Predix platform, deployed on the Noble Globetrotter I drilling vessel has been successfully connected to all targeted control systems, ...

Digital twin is the process and method of forming a model of a production process in the physical world and its digital image in the digital world, which is the key technology for realizing the ...

Abstract. In the new digital age, improving drilling economics with tools like simulation and predictive analytics are key to enabling digital transformation. A novel real time ...

When picking up a rig from a new drilling contractor, there is often a discovery period as teams work to align on processes, expectations, and ...

Discover how Smart RTOC and Digital Twins are transforming oil & gas well construction with real-time data and AI-driven precision.

In conclusion, the Digital Drilling Rigs Market is experiencing rapid growth, driven by advancements in digital technologies, automation, and data analytics in the oil and gas ...

Measuring rock mechanical parameters is an essential step for support design in an underground project. To quickly obtain the surrounding rock mechanical parameters at a ...



Digital drilling rig

On the rig, the digital drilling program drives the ADD system's directional drilling advisor, which handles the analytics required for steering and executing well ...

Leading the industry in rig automation, our control systems seamlessly integrate drilling equipment, improve performance, and boost drilling efficiency.

Our 1st generation software suite of products, led by our flagship DataLogger(TM) logging platform with 2,000+ licenses sold globally. A powerful decoding platform able to operate in the most ...

The Digital Rig solution combines data models from a digital replica of physical assets, known as a digital twin, along with advanced analytics to detect off-standard behavior, ...

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