

Infosys Real-time Drilling Data and Process Management Services

Reduce non-productive time during well construction by up to 50%

Oil & gas exploration and production companies face tremendous challenges in continuously improving their operations along with ensuring compliance to health, safety, environment, and regulatory norms. Non-productive time (NPT) during well drilling and completions can be as high as 25%. Companies need to find ways to reduce NPT and associated costs and increase drilling efficiency. Effective real-time operations management and decision making during well construction are critical for delivering safe, reliable and efficient wells. However, the processes involved in well planning to handover, and associated data management are often not effectively integrated and leveraged to deliver cost and efficiency improvements.

Infosys offers **real-time drilling data and process management services** that can help well construction companies address their needs and reduce NPT by up to 50% and improve operational efficiency by up to 20%.



Infosys Real-time Drilling Data and Process Management Services - Overview

Infosys real-time drilling data and process management services are a mix of process improvements, organizational enablement, information technology and services,

and data and information management best practices to help well operators identify and address their needs. The services leverage value scan analysis to assess current state of well construction and identify opportunities to improve well construction processes, well data governance activities, and drilling data

management system integrations. The improvements are implemented using Infosys value-based transformation framework and supported by structured change management approach. The services include process and technology enablers to identify, design, implement, and sustain the improvements.





Business Benefits

Infosys real-time drilling data and process management services help well operators achieve following benefits:

- Up to 50% reduction in NPT during well construction
- Up to 20% improvement in operational efficiency
- Up to 20% reduction in operational support costs
- Improvement in safety and reliability of operations

Case Study

A global Oil & Gas major embarked on a multi-year, multi-phase transformation program to reduce the NPT which amounted to nearly 30% of its spend. Infosys partnered with the client to enhance and implement real-time rig data aggregation and analysis solution. Infosys offered services across consulting and business process transformation, system integration, solution development, deployment, and business support. The solution provides real-time data analysis and monitoring capabilities for both rig-based and office-based crews for each of the well construction and completion processes such as casing, cementing, and tripping. The solution has helped the client significantly reduce NPT and achieve safe and reliable wells.



For more information, contact askus@infosys.com



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