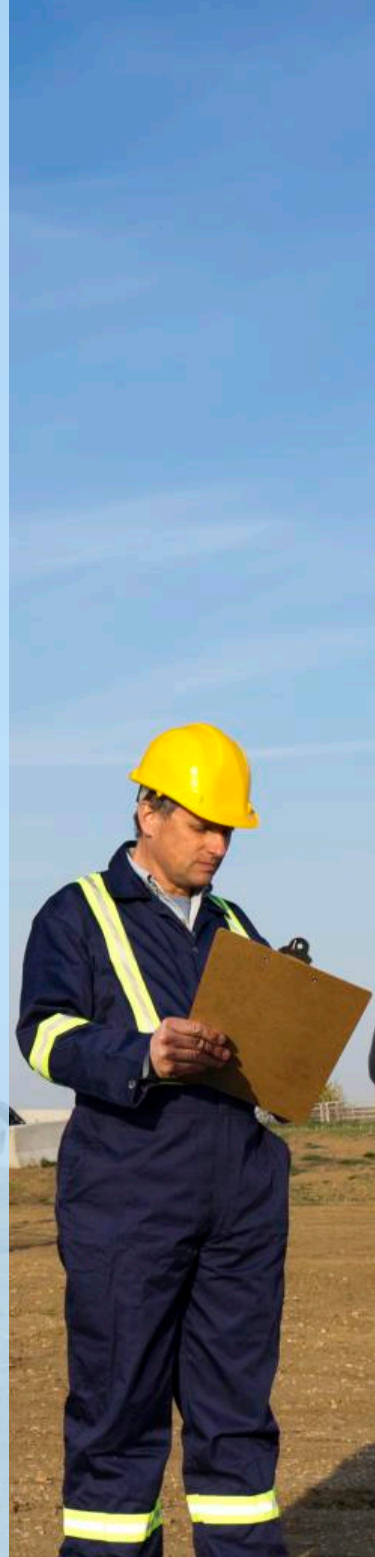# BEING DIGITAL MADE SIMPLER, FASTER

Infosys | Catalyst for SAP S/4HANA®

Pre-configured solution for oilfield services firms

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Oilfield services firms grapple with multifold challenges to transform and optimize their operations. Inefficient resource utilization, lack of integration with field applications and poor visibility into equipment and personnel resources often slow them down. As a response to these challenges, enterprises look to digitally transform themselves powered by the next-generation business suite – SAP S/4HANA.

Infosys Catalyst for SAP S/4HANA, part of Infosys Cobalt, is a pre-configured industry-specific solution to manage end-to-end business processes for oilfield services firms primarily focusing on quote-to-cash and field operations processes. The solution enables these firms to streamline operations, gain greater visibility into resources, and control their core business processes better. It has pre-built extensions, accelerators and a process repository covering the oilfield services value chain across drilling, wireline and fracking services. The solution catalyzes smooth ERP implementation and faster value realization while ensuring operational effectiveness and better sales and financial performance.

Digital transformation made easy

Automation

Leveraging Infosys' extensive experience in working with oilfield services, the accelerators and capabilities built in the solution help oilfield services firms reduce up to 50 percent of their ERP implementation cost.

- 60+ end-to-end pre-configured industry scenarios covering simplified processes in quote to cash, operate to maintain, forecast to delivery, account to report, field operations, analytics and reporting

- Pre-built SAP cloud platform apps enabling the creation of job proposals and field tickets to ensure seamless integration with job planning and billing

- IoT integration to provide real-time visibility and help in wellsite logistics and fleet management

- Pre-activated factsheets, analytical Fiori apps and custom built UI5 job planning and Gantt-based scheduling app for responsive and seamless user experience

Innovation

We bring a Design Thinking approach to process transformation and value assessment starting with a deep understanding of the client's business and IT objectives to find the most critical problems to solve – and the opportunities ahead. Leveraging the digital platform of SAP S4/HANA, the solution provides capabilities such as:

- Connected oilfields integrating operations data with the ERP and front-end IoT devices

- Connected logistics enabling geo-fencing along with asset and material tracking

- Connected workforce performance management through competency- and availability-based auto-scheduling

Learning

In our study of the client's landscape, we capture knowledge of the business environment and knowhow of processes performed in the ERP, data warehouses and other legacy systems to improve and accelerate these within the specific context of their operations.

- Process repository covering the oilfield services value chain and key performance indicators guide enterprises to define value parameters at the process level

- SAP Activate methodology coupled with the Infosys IDEA (Insight-Design-Execute-Achieve) methodology greatly improves the SAP S4/HANA implementation journey by factoring in means to continuously accommodate improvements from learning

Business outcomes delivered

- Up to 20 percent improvement in resource (equipment / personnel) utilization

- Up to 10 percent reduction in non-production time

- Up to 10 percent reduction in price leakage

- Up to 10 percent reduction in spend and inventory

SAP Greenfield Implementation for a Leading U.S. based Oilfield Services Provider of Completion Services

The service provider's legacy ERP platform was unable to provide visibility into their inventory and resource utilization. The disjointed, manual field operations and ERP processes resulted in duplicate data entries in multiple instances. Without in-memory computing, the client was unable to manage change.

- Leveraging Infosys Catalyst for SAP S4/HANA, we managed the implementation end-to-end in just 14 months

- We expedited the delivery of the project blueprint for the entire services value chain, built the integrated technical proposal, field execution application, BO/BW KPI reporting and financial consolidation tool

- An oilfield services-specific persona design was used to develop the SAP UI5 screens

Getting started

To help you with your business transformation initiatives, we have created specialized frameworks with focus on solution delivery and increased adoption. We monitor and manage each part of your project and provide a clear view of metrics that link project changes to business benefits at each stage. We help you not just being on time and on budget, but also deliver high business value.

Discover how the Pre-configured SAP S/4HANA-led Transformation Works (in 3 Hours)

Review the value that Infosys Catalyst for SAP S/4HANA can bring to your oilfield services transformation journey. Participate in a walk through to discuss industry trends, capabilities and the potential path to value for your enterprise.

Value Assessment & Proof of Concept (in 4-8 Weeks)

Value assessment and delivery to discover the current ERP landscape, associated problem statements, opportunities for process reengineering and reimagine a target state by identifying the suitability of re-implementation or system conversion along with proof of value and a prototype for a specific problem statement or opportunity.

Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 14,000 cloud assets, over 200 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

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