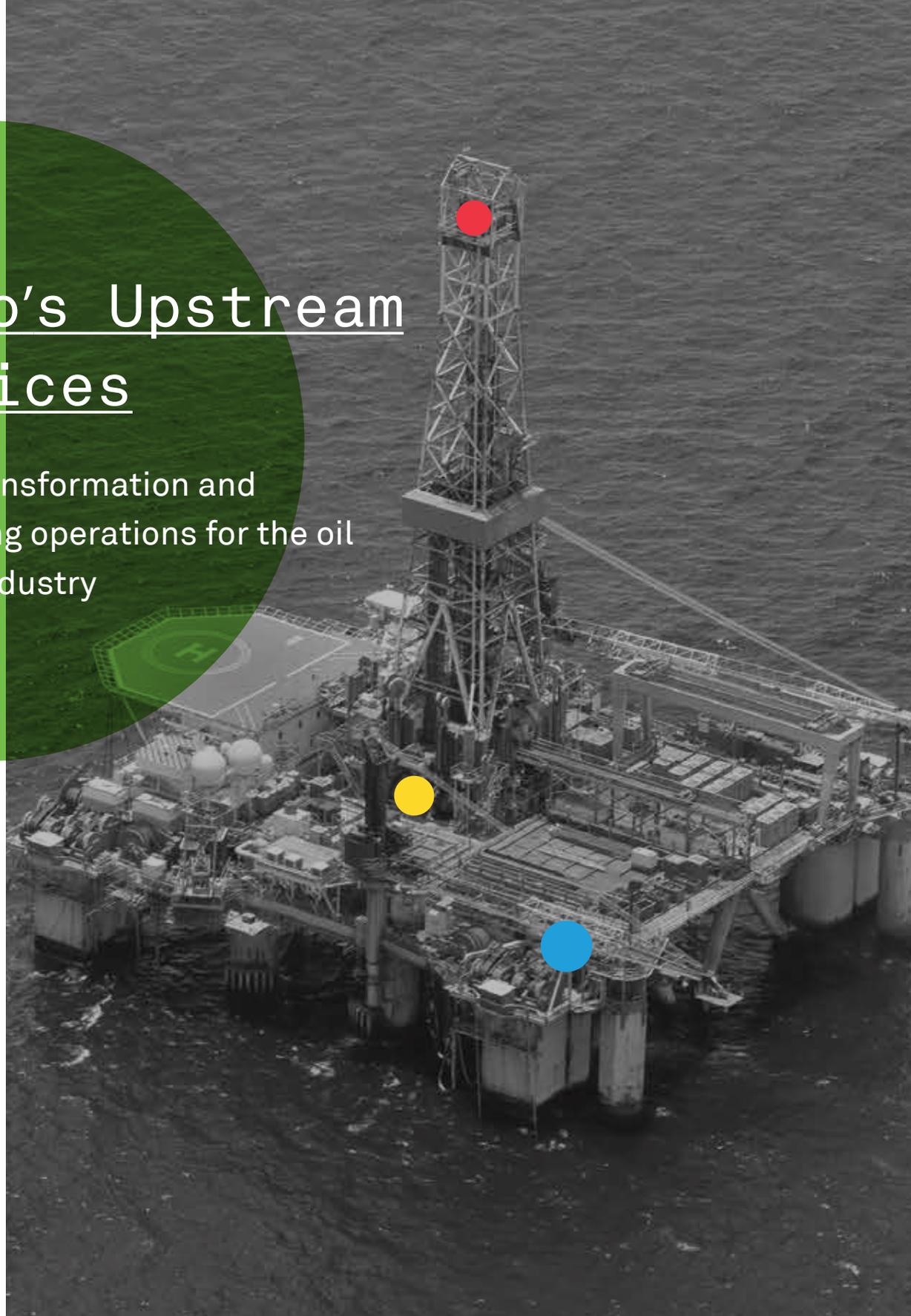


Wipro's Upstream Services

Driving transformation and
reimagining operations for the oil
and gas industry



Introduction

Upstream businesses are being continuously challenged to do more with less. They are expected to solve diverse problems with vast volumes of data and increasingly complex systems. Wipro is helping companies tap the full potential of their people and assets. The goals: accelerate the flow of work, harness asset information, enable discovery, improve productivity, enhance confidence in business decisions and simplify the way exploration and production businesses operate.

Upstream services



Subsurface

- Exploration consulting and advisory services
- Subsurface data management; including management of seismic, borehole, cultural, spatial, drilling, production and physical data; subsurface data governance and standards consulting
- E&P application and platform management, support and release management; includes upgrades, testing with test automation and comprehensive product and vendor management
- E&P analytics for improved reservoir management
- Real-time drilling data aggregation and analytics
- E&P cloud services: migrations, cloud-enabled platform and data management
- E&P data portals that include geo-referenced electronic well books, standards and governance



Production

- **Production of digital roadmaps, integrated operations and digital oilfield assessments:** Leveraging deep domain expertise and maturity model to identify and prioritize opportunities and define a path forward

Improved productivity of people and resources

- **Integrated operations and digital oil field program delivery:** Establishing new ways of working in production optimization, integrated planning, collaboration across locations, integrated operating centers and workflow enablement
- **Collaboration environments:** Enabling better, faster decisions and improved collaboration through facilitation of high performing teams, integration of data and tools integrated workflow deployment and support
- **Production operations and engineering:** Design and delivery of exception-based surveillance, analytics and modeling solutions for well, network, facility monitoring and performance improvement
- **Hydrocarbon accounting and production reporting:** Production solution selection, implementation, migration, standardization and integration of production data, allocation and reporting processes

Improved decision confidence

Benefits



Improved productivity of people and resources



Increased or optimized production



Reduced risk to health, safety, security and environment



Accelerated workflow and cycle times



Reduced operating expenditures



Capex optimization



Simplified operating models



Improved asset reliability and availability



Improved decision confidence



Improved visualization of exceptions



Digital solutions designed around the user experience to elevate business performance

Improved reliability and availability

Features

- Digital innovations for upstream businesses, delivering automation, artificial intelligence, cognitive computing and Cloud capabilities
- World-class subsurface data management and geoscience platform management capabilities with a team of geologists, geophysicists, geological engineers and upstream IT specialists
- Industry-recognized in integrated operations and digital oil field transformations in upstream businesses
- Content digitization, cleansing, classification and control; includes a unique and evolving service for document digitization that incorporates artificial intelligence and minimizes human intervention
- Real-time data management and IT / OT convergence that enables exception-based surveillance, predictive analytics and connected worker capabilities; end-to-end IoT solutions
- Enterprise asset management capabilities, maturity assessments, maintenance and reliability programs blended with IT / OT convergence for improved asset maintenance and reliability outcomes
- SAP joint venture accounting through a joint operations digital platform
- Transformation and change through customer and employee journey improvements, operational value assessments and program delivery
- Health, safety, security and environment solution consulting, implementation, upgrade and support expertise

Improved visualization of exceptions

- Asset integration and divestment through rigorous pre and post close information management, application and infrastructure processes
- Upstream asset decommissioning including planning, execution and information management

Success stories

- Collaborated with a major oil company to establish a global data management model for seismic, borehole, well and production data, resulting in 30% cost savings
- Worked with a global upstream business to deliver collaborative environments to production assets across the globe, for production increases from 1-5%, and equipment reliability improvements resulting in availability of up to 90%





Wipro Limited

Doddakannelli, Sarjapur Road,
Bangalore-560 035,
India

Tel: +91 (80) 2844 0011

Fax: +91 (80) 2844 0256

wipro.com

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading global information technology, consulting and business process services company. We harness the power of cognitive computing, hyper-automation, robotics, cloud, analytics and emerging technologies to help our clients adapt to the digital world and make them successful. A company recognized globally for its comprehensive portfolio of services, strong commitment to sustainability and good corporate citizenship, we have over 160,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

For more information,
please write to us at
info@wipro.com

