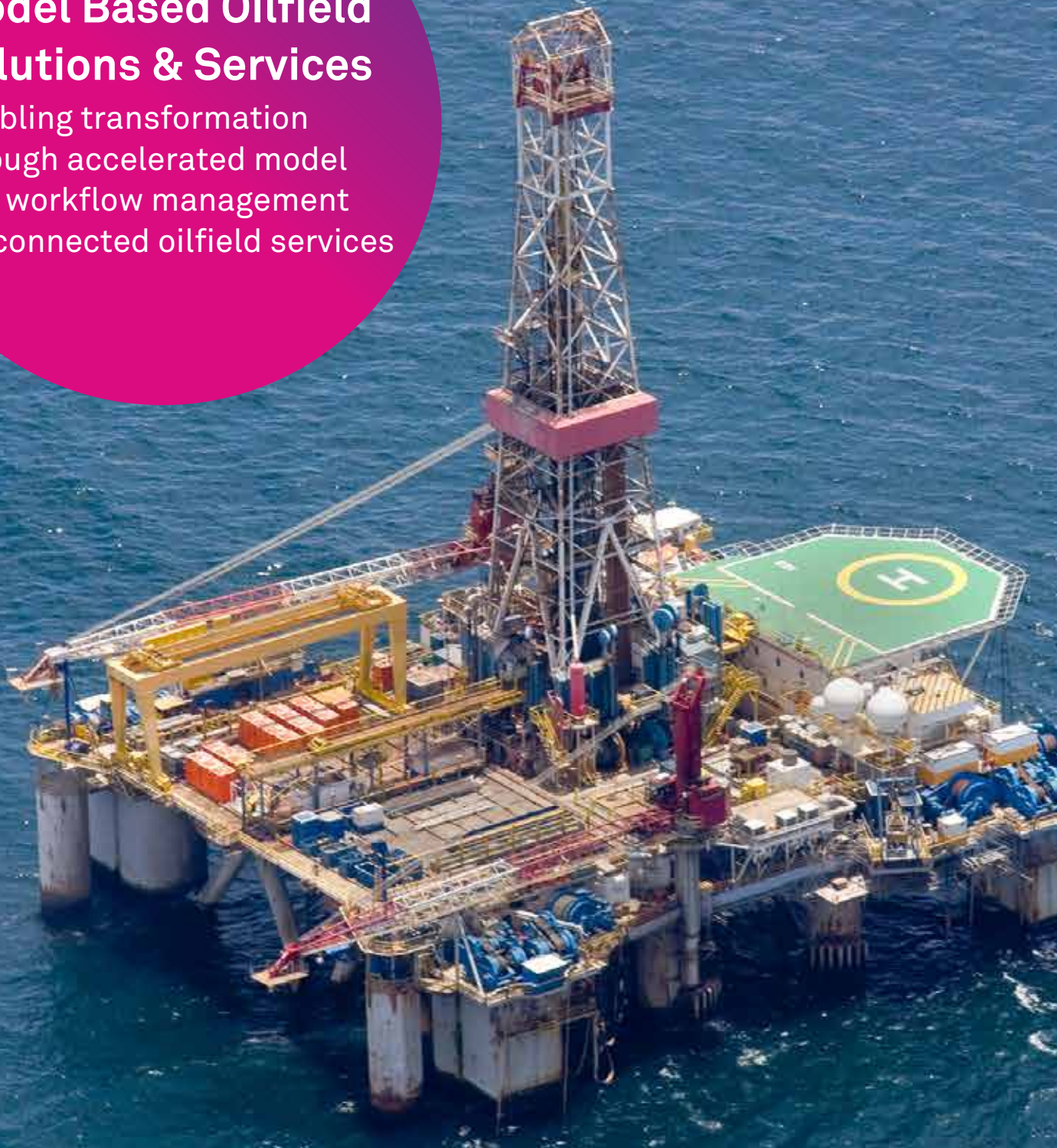


## Model Based Oilfield Solutions & Services

Enabling transformation through accelerated model and workflow management for connected oilfield services



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.

Wipro is technology agnostic and specializes in customization and integration of technologies selected by our customers. Wipro has extensive experience with the configuration, deployment and utilization of the most widespread model-based solutions and services for the E&P industry. Our spread of services to multiple O&G majors range across a series of widely accepted industry tools and applications in the following domains:

### Modeling

- Standalone well, reservoir, network and facilities modeling
- Integrated asset modeling
- Black oil and compositional fluid PVT modeling
- Multiphase flow modeling

### Workflow Management

- Model based workflow using latest surveillance techniques
- Manage wells by exception and identify events
- Trigger customizable workflows that integrate existing models, databases and work processes.
- Accelerate decision making and minimize downtime

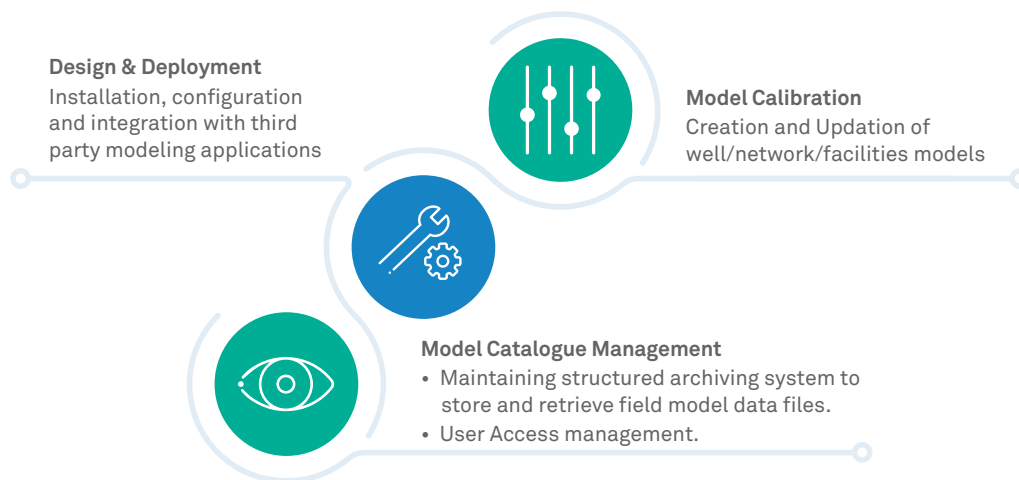
### Data Integration

- Seamless integration of real time database system with relational database systems through web services, protocols and connectors

### Visualization

- Configurable and customizable visualization and display
- Fit for purpose templates for report generation
- Built in functionality for diagnostics and statistics on data
- Minimize time to value for decisions for assets

## Model Based Oilfield services



### Additional Technical Offerings

Based on Wipro's previous experience on Model Based Oilfield services we provide some additional benefits to make the solution better and easy to use. These benefits include:

- Auto-healing of model workflows & automated notification
- Automated testing of visualization screens
- Auto-identification of faulty models at well level

- Digital Roadmap for end to end service
- Workflow based analytics
- Automated Model Creation – Well & Field Level
- On demand Process Optimization and Visualization

### Our Value Proposition

#### Customizable and automated workflows

Creation of requirement based workflow for production optimization and monitoring.

### High availability and flexible services

Scalable and flexible system to meet dynamic business requirements ensuring round the clock services across time zones

### Factory model

To meet your ever changing reporting requirements of report types, distribution, frequency, etc.

### Compliant secure and auditable environment

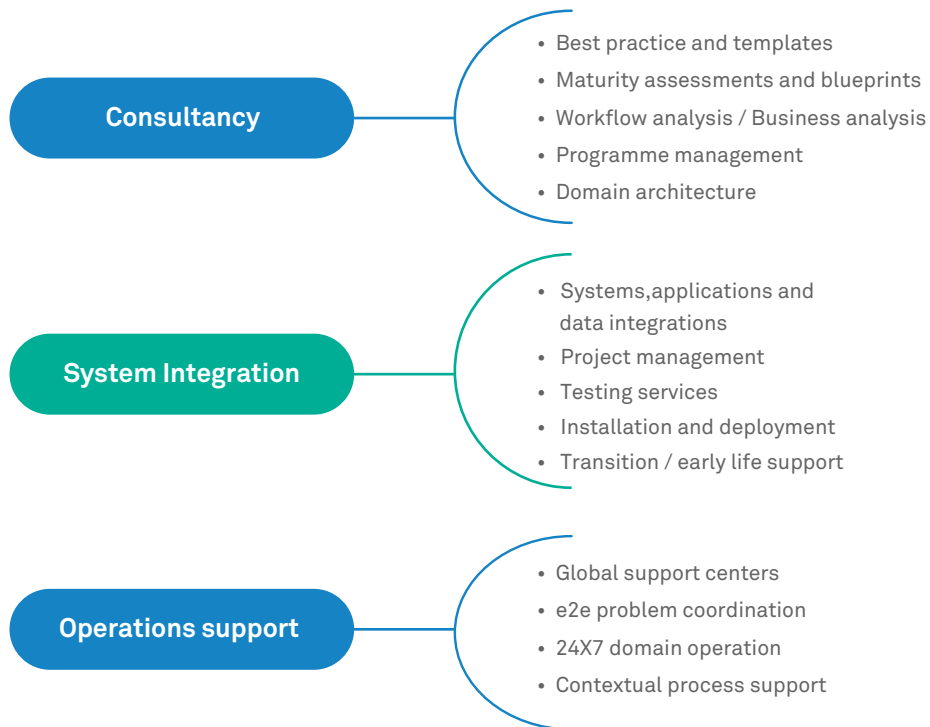
360-degree secure and compliant environment providing seamless security and vulnerability prone application, database, infrastructure, with interface providing continuous compliancy to government and IT security regulations

### Lower cost of ownership

Eliminate multiple silos for managing and supporting application, infrastructure, interface, databases, business processes and management functions

### Your end-to-end partner

The experience gained throughout the years allows Wipro to support the implementation of Smart solutions from design, such as specification and tool selection, to delivery, when the integrated solution is operational







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