Infosys DynamicsOFS solution

Built on the Microsoft Dynamics platform, it provides an end-to-end solution for oilfield service companies covering processes across the value chain. The DynamicsOFS solution is a combination of field sales and service applications built on Dynamics CRM Online that is cloud-based, mobile-ready, and can be accessed offline along with an on-premise Microsoft Dynamics AX.

It provides preconfigured processes for:
- General ledger and accounting
- Accounts payable and accounts receivable
- Inventory management and warehouse management
- Enterprise asset management
- Project management and accounting

It caters to OFS-specific service lines such as:
- Fracking
- Wire line
- Drilling
- Well completion
- Well intervention

Key differentiators of DynamicsOFS solution are:
- In-built enterprise asset management solution for seamless integration of OFS equipment for scheduling, maintenance, and financial management
- Provides an intuitive user interface similar to Microsoft Office applications enabling easier management of business change and reduces need for training
- Facilitates an accelerated ERP implementation bringing the benefits faster to the business community
- Integrated Microsoft Dynamics AX and CRM OFS solution leveraging offline capabilities for CRM for configured price quote, opportunity-tracking, and job-tracking for field staff
- Possesses a mobile-first, cloud-first strategy in line with industry trends
- Introduction of Internet of Things integration leveraging the Azure ML framework to incorporate real-time data analytics
**Solution framework**

### Microsoft Dynamics AX On-premise / Hosted

- **Finance and order management**
  - Accounts payable, accounts receivable, adjustments and credit management
  - Logistics and inventory management
    - Inbound logistics, outbound logistics, inventory management, inventory tracking, invoicing, logistics invoice verification, logistics planning

- **Project execution & production planning**
  - Project planning, project execution, project closure
  - Procurement and quality management
    - Procurement, production, make-to-stock, quality management, stock transfers, warehouse management, rework processing

- **Maintenance**
  - Maintenance planning, breakdown maintenance, preventive maintenance
  - Analysis and reporting
    - Profitability analysis, asset and resource utilization

### Microsoft Dynamics CRM Online

- **Quotation**
  - Flexible offline quote creation
  - Real-Time pricing and costing
  - Discount’s capture at quote creation
  - Well-level margin and profitability calculation
  - Well-level planning for all equipment and materials (sand and chemicals)

- **Job execution**
  - Actuals capture for all planned activities on WBS
  - Ability to add new line items at field-level planning

### Key benefits

#### Managerial benefits

- Unified and standardized reporting across the globe
- Improved efficiency and control costs with increased visibility on day-to-day operations
- Faster time to implement for oil and gas industry

#### Operational benefits

- Offline capability for sales and field personnel
- Outlook integration enabling real-time information management and status updates
- Intuitive user interface similar to Microsoft Office applications

#### Technological benefits

- Completely on Dynamics platform supported by Microsoft life cycle services
- End-to-end coverage of processes in oil value chain
- Being a modular solution, DynamicsOFS allows you to choose modules as per requirement

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For more information, contact askus@infosys.com

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