ENERGY

SAP OIL

Over 140 utilities companies use Indra technology solutions
SAP OIL

SAP OIL IS THE SUITE OF SOLUTIONS BASED ON SAP AND DEVELOPED BY INDRA WHICH PROVIDES A REPOSITORY WITH THE BEST PRACTICES FOR OIL INDUSTRY, IN ORDER TO COMPLEMENT THE CAPABILITIES OFFERED BY THE EXISTING INDUSTRY SOLUTIONS.

“By optimizing business processes and improving management through automation, simplification, integration and standardization of processes, generates savings in operating time, improves productivity and increases competitiveness”

Context

Over 500 Oil & Gas companies worldwide use SAP solutions, representing more than 750,000 users:

- To Increase productivity with a consistent set of financial figures
- To Strengthen business presence on the Internet
- To Identify and analyze the current performance against taking in care the key indicators targets.
- To Integrate information to streamline the whole supply chain
- Achieving an effective forecasting, stocks & indicators scheduling & management in real time

Because of these management needs and the extensive experience in this industry, Indra has developed the SAP OIL solution that integrates the entire value chain in the Oil & Gas Industry, from the oil wellhead to the gas station.
SAP OIL includes the following solutions:

**SAP IS-Oil / ECC 6.0**

It is the SAP vertical solution for Oil&Gas industry whose principal modules are:

**IS-OIL Upstream**
- Integrates the management of data production from the reservoir horizon.
- Distribute sales revenue according to the contractual provisions.
- Manages the supply of materials from base locations to plants Offs.

**IS-OIL Downstream**
- Integrates in one solution all the oil industry process since the oil transport until the distribution to service stations.
- Covers trading and risk management processes, refining operations, product planning and costing, plant maintenance and distribution process.

**IS-OIL Service Station Retailing**
- Managing of prices, card settlement, billing, inventory and report on networks retail.
- Facilitates integration with POS system (point of sale).

**IS-OIL JVA Accounting**
- Handles finances of Operated and Non Operated Companies.
- Integrated with SAP FI and SAP IS-Oil Upstream.
- Allows the management of Joint Venture.
- Integrates information from the different SAP modules and specific JVA functionality.

**Reserves Control System (SICOR)**

Sicor solution allows to handle the Reserves Control Management activities:

- From the smallest units of reserves in oil fields.
- Related to the movements provided by the business units.
- Related to the movements in reserves and production of hydrocarbons.
- For operational and analytical control & monitoring.

Sicor provides the following benefits:

- Flexible Configuration.
- Availability and Traceability.
- Security and Privacy.
- Integration and Automation.
- Corporate and Monitoring.
Upstream Supply Management

USM unifies in a single process model the purchasing, contracting and logistics processes, covering the entire supply chain, from the detection of the need until the invoice payment.

**Upstream Companies Deployment (JVA + PS)**

It is based on experiences gained during company building projects. It establishes a typology of society according to the implemented functionality: Operated, No Operated and Prospect Companies.

<table>
<thead>
<tr>
<th>Company Type</th>
<th>Functionality</th>
<th>Project Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operated Company</td>
<td>FI, CO, PS, Invoice Scanning, Atypical Invoicing, JVA, MM</td>
<td>3 Month</td>
</tr>
<tr>
<td></td>
<td>BW, Consolidation, Treasury, SIEGI</td>
<td></td>
</tr>
<tr>
<td>Non Operated Company</td>
<td>FI, CO, PS, Invoice Scanning, Atypical Invoicing, SIEGI</td>
<td>3 Month</td>
</tr>
<tr>
<td></td>
<td>BW, Consolidation, Treasury</td>
<td></td>
</tr>
<tr>
<td>Prospect Companies</td>
<td>FI, CO, Consolidation</td>
<td>&lt; 1 Month</td>
</tr>
</tbody>
</table>
Auditory System & Internal Control (SACI)

This solution covers the support needs for companies with following characteristics:

- Planning, Preparation, Execution, Implementation of monitoring findings and recommendations of the audit system projects
- Billing Control by operators partners in the Joint Venture contracts E & P business
- Control, Communication and Monitoring of significant events generated by the audit system on-line
- Verification activities by internal audit of the SOX controls
- Aggregate reporting management of the Audit and Control
- Audit reports consultation and recommendation action management by Business Units
Indra reserves the right to modify these specifications without prior notice.