



## Enterprise E&P Portal from Exploration through abandonment



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## About TATA Consultancy Services



- One of the Top Global IT company and has more than 165,000 associates in 42 countries with revenue of over \$6.3 billion (fiscal year ending March 31, 2010)
- TCS is part of the Tata Group, one of the largest industrial conglomerates and most respected brands with annual revenue of over \$70 Million (Fiscal year ending March 31, 2009).
- **Highest standards** of quality and processes, **First** CMMI Organization

# About TATA Consultancy Services



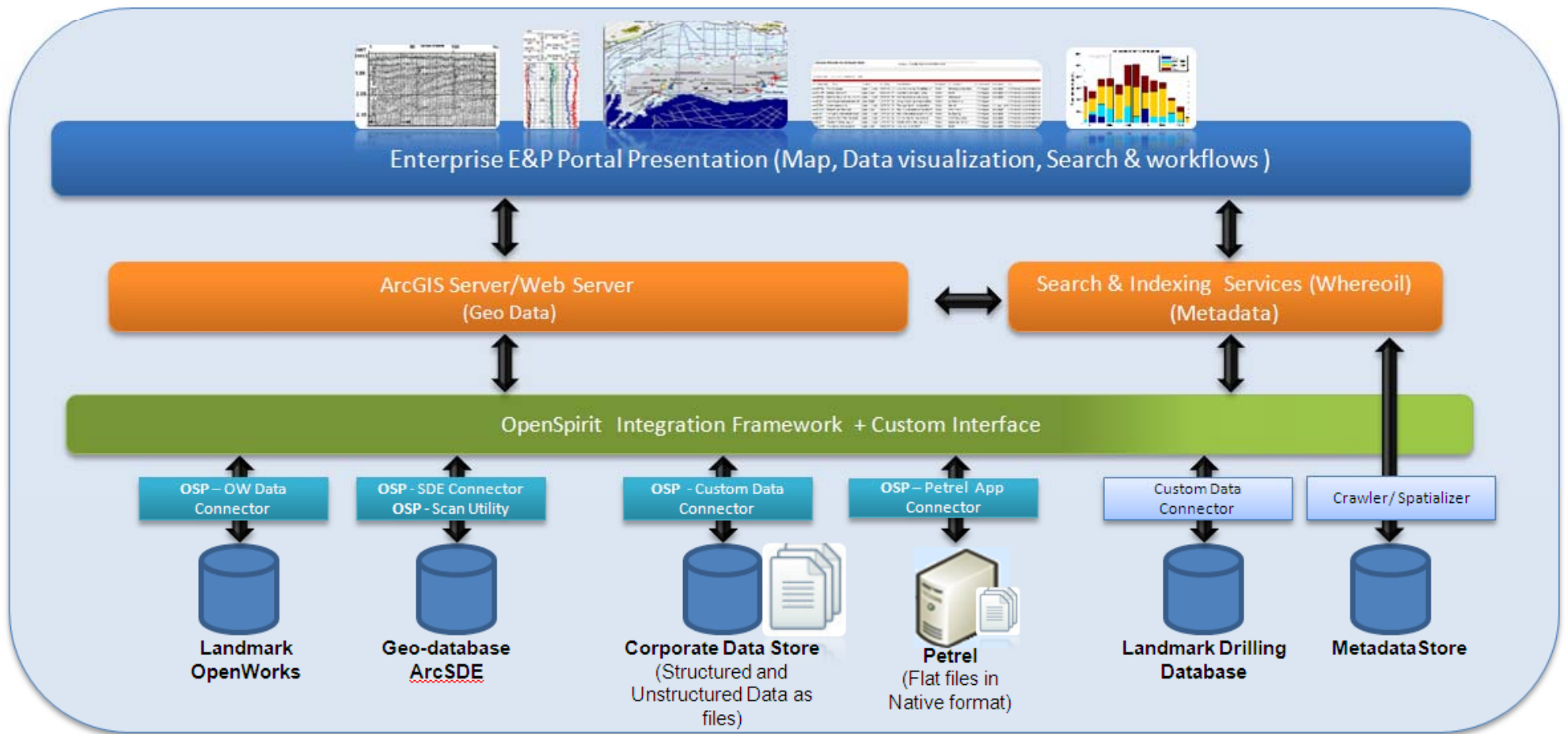
- Dedicated Sub-Vertical for Energy
  - Engagements spanning oilfield services, upstream, midstream, refining, petrochemicals & renewable energy
  - Completed over 100 engagements spanning 40+ Energy customers across the globe
  - Center of Excellence for E&P with domain experts (Geologists, Geophysicists, Petroleum Engineers)



## End-User Business Challenge(s)

- Searching the right petro technical data very cumbersome for the Geoscientist and Engineer (Voluminous data, in multiple applications and databases, lack of synchronization) – Loss of “productive” time
- Limited integration between disparate E&P application/databases

# Solution Architecture



## Solution

- Enterprise portal solution integrating various Petro technical application and database through OpenSpirit based framework
- Spatializing the enterprise geo-data using OpenSpirit Scan Utility
- Enabling read/write functionality through OpenSpirit connectors for OpenWorks, Petrel, Geolog
- Custom OpenSpirit connection to the in-house developed Corporate Datastore (Next Phase)

## Solution Benefits

- Quick access, efficient searching and retrieving the right E&P data present in the enterprise and reduce the time to explore and decision-making
- Comprehensive “spatial footprint” for the enterprise wide petro technical data
- Enabling workflows to read/write data between OpenSpirit compliant applications and databases

# Summary

- Time consuming and lack of processes to access the enterprise technical data
- Integration of Petro-technical application & database through OpenSpirit framework
- Fast and efficient Search and access to the enterprise technical data
- Enabling workflow to read/write the required data in OpenSpirit supported application/database



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OpenSpirit **right**  
from the **start**