Spatial on Demand

Successful energy companies need a common operational picture for mapping, elevation and logistics in order to intimately understand exploration, production and development activities, both onshore and offshore. Used by many of the top 100 energy companies, Spatial on Demand is the world’s largest professional-grade oil and gas geospatial solution enabling quick and easy access across your enterprise to search, sort, select, share, and store geospatial data sets —directly in the workflows you already use.

**Features / Benefits**

**Data as an asset**
- Company-wide access to spatial data, information, and insight enables you to make decisions with confidence.

**Cloud based – global delivery**
- Numerous options allow you to use imagery and geospatial data in your application of choice as well as via hardcopy.

**Global imagery basemap**
- Subscriptions include access to global imagery data that give you the best view of the areas you are working in.

**Find and use data**
- Search, sort, filter, and compare energy-specific data from numerous sources all in a single one-stop-shop platform.

**Clip, zip, and ship**
- Download capabilities enable data to be used in the field or destinations with no internet connectivity.

**Global access and control**
- Collaborate and share across the entire organization including contractors with no hidden user or transaction costs.

**Training and implementation**
- Three-step training plan starts before go-live to make sure that users can hit the ground running on day 1.

**Spatial on Demand mobile**
- Leverage mobile technology to add in-field notes and publish them to corporate users.

**Fast global performance**
- Map services allow for the fastest delivery of data even to remote locations with service levels of 99.9% uptime.

**Private data hosting**
- Unlimited ingest, hosting, and serving of your proprietary data in a secured cloud environment.

**GLOBAL DATA SETS**
- DigitalGlobe Basemap +Energy
- 70+ foundational data sets
- Google Maps
- Bing Maps
- TCarta Marine bathymetry
- Landsat natural color
- Landsat 7,4,2 bands
- SRTM DEMs
- ASTER GDEM v2
- GEBCO Global Bathymetry
- USGS World Geologic Maps

**REGIONAL DATA SETS**
- Australia
- Canada
- Europe, Middle East, Africa
- South America
- United States

**PREMIUM DATA SETS**
- Aerial Imagery
- Custom bathymetry
- Lidar / Radar
- Satellite imagery archive / tasking
- Offshore Seeps

“Spatial on Demand is the global view for all of our geospatial users. With the size and breadth of our operations, a single repository has saved us hundreds of thousands to millions of dollars in duplicate purchases and saved us from making poor decisions.”

Director Global GIS Services, Fortune 100 Oil and Gas Company
Implementation

Phase 1 – Define the project scope
The first 30 days of implementation will be spent making a detailed inventory of the spatial data already owned by your organization.

Phase 2 – Build a team to succeed
Concurrent with phase 1, you will assemble several teams – groups of internal and external personnel – that guide the implementation process through start-up, testing, rollout and evaluation.

Phase 3 – Create incremental wins
Select beta users and the Test Team will get basic raster delivery capabilities with limited data sets that must meet their performance expectations – i.e. speed – before other image layers and functions are introduced.

Phase 4 – Ensure data security and global access
To prevent access to your data by individuals outside your organization, Spatial Energy deploys an IP ‘white-listing and black-listing’ protocol.

Phase 5 – Determine success
Executives often look for quantitative ROI in the form of reducing the cost of data storage, eliminating internal data hosting servers, avoiding duplicate data purchases, etc.

Delivery options
Use geospatial data in the ways oil and gas teams already work - no new software, no new hardware - available immediately. Support your global users by streaming data directly into custom web applications, GIS packages, or Geology/Geophysical applications.

Spatial on Demand streaming services integrate seamlessly with all major G&G applications
- Esri ArcGIS
- Geographic: GeoAtlas
- Global Energy Mapper
- Google Earth
- IHS Kingdom
- IHS Petra
- Mesa Professional
- Petrel
- Petrosys

Markets
- Oil and Gas

Industry applications
- New Ventures
- Exploration
- Logistics and Mapping
- Reservoir Planning
- Downstream
- Regulatory / Legal
- Health, Environment, Safety

Cloud services
- Web Map Service: WMS
- Web Map Tile Service: WMTS
- Web Coverage Service: WCS
- Web Feature Service: WFS
- Esri ArcGIS Server Services
- Google Maps API
- Bing Maps API
- Web API - REST/SOAP