

Build the Best Enterprise Subsurface Data Visualization with IVAAP™

IVAAP™ accelerates delivery of web-based data visualization applications.

Whether you want to augment an existing application or customize the platform to meet your needs, IVAAP provides the best in G&G data visualization, breaking down data silos and making data accessible, searchable, discoverable, sharable, and consumable by other apps.

[Enterprise] [Subsurface] [Data Visualization] [Platform]

Scalable & Performance

G&G & Petrophysical

Co-Visualization & Interaction

Embedded or Customized

Built to Display Large Volume Datasets in a Web Browser

View, analyze, and interact with your large volume datasets in your browser with no loss of performance using IVAAP's advanced visualization.

Leverages Industry-Standard Libraries from GeoToolkit™

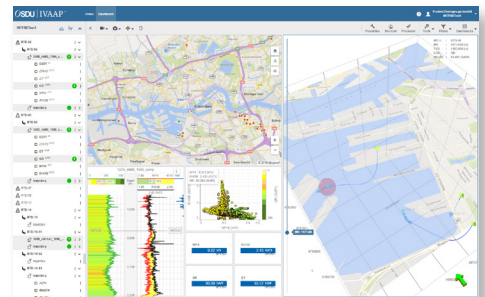
Access and visualize your data—domain, G&G, drilling, production, log, schematics, seismic, and more—thanks to GeoToolkit's extensive libraries.

Mashup Historical and Real-Time Data

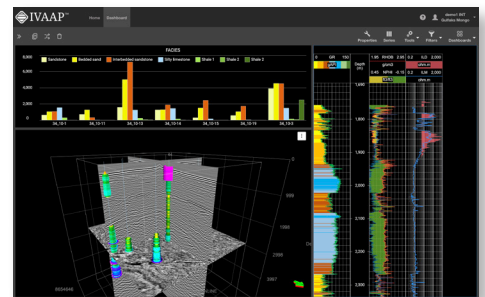
Covisualize, combine, and compare all of your data—from legacy to real time—in a single dashboard.

Extend the Platform or Embed into an Existing Ecosystem

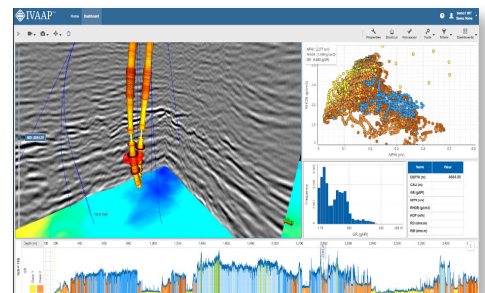
IVAAP is versatile—customize the platform using an included SDK and API.



Integrate Disparate Data Sources



Reinvent the User Experience



Interactive Data Covisualization

COMPREHENSIVE USER EXPERIENCE

VISUAL-BASED E&P DATA DISCOVERY

- Aggregate views from multiple sources in a single dashboard
- User managed dashboards
- Collaborate/Share/Publish views
- Interact with and interpret data
- Compare and mashup historical and real-time data

SEARCH & VISUALIZE UPSTREAM DATA

- Upstream Domain Visualization
- Seismic, Well Log, Schematics
- Navigational map exploration
- Access any data (doc, images, LAS, DLIS, LIS, SEG-Y)



EMPOWER AUTOMATED DATA ANALYSIS

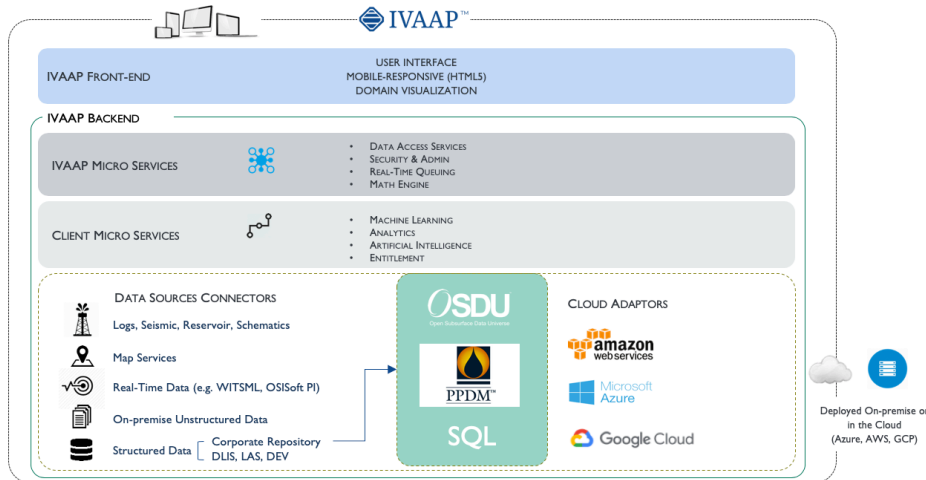
- Prepare and select datasets
- Machine Learning
- Artificial Intelligence

BUILD WITH A SCALABLE FRAMEWORK

- Performant O&G visualizations for large data sets
- Customize via SDK, Rest API
- Standard connectors: WITSML, PPDM, PI
- Support high security standards
- Simplify and scale deployment with Docker
- Plug your science, analytics via microservices

VERSATILE ARCHITECTURE

IVAAP's lightweight, modular microservices back end is **secure, cloud-friendly,** and **completely scalable** so you can add features and workflows as needed.



ACCESS, SEARCH, AND VISUALIZE YOUR G&G & PETROPHYSICAL DATA IN THE CLOUD:

- WellLog
- WellSchematic
- Contour 2D/3D
- Seismic 2D/3D
- Multi-Well
- Well Correlation
- Core Images
- Time Series
- Histogram
- Cross-Plot
- Pie Chart
- Statistics
- 3D Views
- Gauges
- Tables
- BHA
- Maps

To learn more, visit int.com/IVAAP/.