

EDM for Energy: Data Management for Geology and Geoscience

Synchronizing data updates, quality improvement, data movement, and governance across projects, G&G applications, and the rest of the organization.

The use of a one-size-fits-all approach to data management at many upstream operators does not address the idiosyncrasies of geology data and the challenge of integrating with G&G applications, such as Petrel, Kingdom, Petra, Geographix, StarSteer, Harmony and other third-party products.

Many users struggle to blend data from multiple applications; synchronize and govern updates and changes to that data; and distribute mastered data between users, applications, and departments. As a work-around, they fall back on costly manual processes to load, cleanse and manage the data. This increases costs and operational risk while delaying delivery times. As a result, many operators are not performing efficiently; they lack good quality data for decision-making and cannot respond quickly to opportunities or control their costs.

EDM for Energy addresses these challenges by automatically synchronizing data at the project, application, and departmental levels. Our flexible data management platform's key capabilities include:

- Automating updates, managing overrides, and maintaining data consistency between disparate projects and multiple G&G applications
- Support for common geo data types, such as well headers, directional surveys, logs, cores, documents, tops, zones, and more
- Blending multiple sources of geo data into a mastered dataset
- Configurable, off-the-shelf plug-ins that make integrating with common G&G applications and data sources (such as Information Hub) easier
- Solution templates to address common industry data management needs, reduce time to value, and implementation risk
- Automating access to non-geo internal data

EDM for Energy integrates with any database, application or file structure and pulls disparate data types from multiple sources into a central hub. It creates a consistent version of the truth in a traceable, audited environment and maintains consistency between the data used in different projects across multiple applications and across the enterprise. As a result, a data change that is made in one project can be automatically reflected in others throughout the department or organization. Alternatively, user intervention can be invoked to approve a change. Time series functionality also enables users to review previous iterations of their projects.

Key stats

200 +
EDM clients
globally

40 +
EDM managed
services clients

Energy Customers

Commodity traders

E&P companies

Integrated oil and
gas companies

Mid-stream oil and
gas companies

Financial Services Customers

Administrators

Asset managers

Banks

Broker dealers

Hedge funds

Insurance

companies

Pension funds

Regulators

Service providers

Vendors

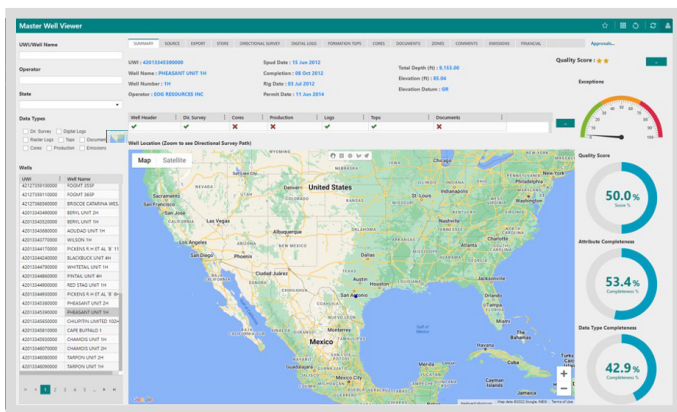
Best of breed

EDM for Energy can support any proprietary or third-party application, including Kingdom, Petra and Harmony. As a result, it gives oil and gas companies the ability to combine data from interpretative tools from multiple providers with their own proprietary systems, with bi-directional interfaces across the technology ecosystem.

Cross-team collaboration

EDM for Energy breaks down functional and technical silos and supports cross-team collaboration by synchronizing the distribution of validated, mastered data across multiple applications in a consistent, audited environment. Users can be confident that the data they are using in one project is consistent with the data their colleagues are using in another.

Examples of Master Well Viewer



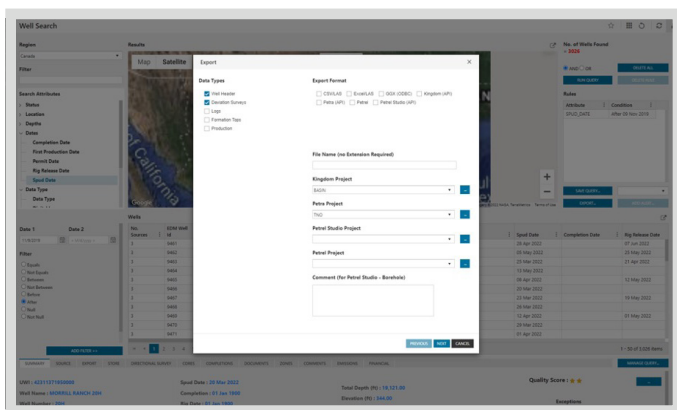
Efficiency and timeliness

By eliminating the need to manually manage and transform data, EDM for Energy maximizes the amount of time available for examining results. It enables geoscientists and geologists to focus on their core competency rather than spending time on manual data management.

Time to market

Pre-configured connections to most industry applications enable companies to streamline the integration and management of S&P Global Commodity Insight's GG&E software solutions, including Kingdom, Petra, Harmony and others.

The screenshot shows a detailed data table in the Master Well Viewer. The table has columns for Well Name, State, Completion Date, and various well attributes. The data is organized into sections for Data Types, Wells, and Well Scores. The table includes well names like BRACKEN NORTH IP and BRACKEN NORTH IP 10, and completion dates like 07 Apr 2019 and 02 Apr 2019.



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