



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

EDM for Energy: Data Management in a Multi-Application Environment

Synchronizing data management across multiple industry applications, including Kingdom, Petra and Harmony, at both the application and project level

E&P companies use multiple interpretive applications today to generate answers to their geology, geoscience and engineering questions. However, they face significant challenges maintaining data quality and consistency across these applications and the projects within them, which are used to make important decisions about everything from well locations to production estimates.

As a workaround, many oil and gas companies rely heavily on manual processes to load, cleanse and manage the data. This increases costs and operational risk while delaying delivery times. As a result, many companies are not performing optimally: 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 across applications, including Kingdom, Petra and Harmony, at the project level. The flexible data management platform delivers five key capabilities:

- **ETL:** transforming data for use in downstream systems
- **Data quality:** applying customizable business rules to ensure data quality
- **Master data management:** producing a canonical copy of data
- **Workflow automation:** automating the collection, normalization and uploading of data such as LAS
- **Data warehousing:** storing historical data and making it available for reporting

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. As a result, a data change that is made in one project can be automatically reflected in others. Alternatively, user intervention can be invoked to approve a change. Times series functionality also enables users to review previous iterations of their projects.

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 interpretive 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 project.

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 IHS Markit's GG&E software solutions, including Kingdom, Petra, Harmony and others.

More information on IHS Markit products and services

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