

# EDM for Energy: Data Hub

A flexible data management platform that aggregates, validates and distributes data from disparate sources, giving firms a 360° view of data assets and ensuring consistency and integrity

Energy firms face significant challenges integrating data from the disparate applications, databases and vendors they rely on, due to the heterogeneous formats used. Differences in business rules raise questions about the consistency and quality of data from the different systems used for everything from geoscience analysis to drilling operations. Meanwhile, changes made to data in one system may not be reflected in others, leaving users exposed to the risk of basing their decisions on outdated information.

EDM's Data Hub solution addresses these challenges by consuming, validating, cleansing, transforming and distributing data irrespective of source, format or destination. Replacing often complex, manual, code-based solutions, EDM provides a single hub of data across the organization. Source-to-destination workflows are greatly improved, giving users confidence in data integrity.

With its hub and spoke model, EDM supports business intelligence and data analytics tools; integration with new technologies; multiple data models; and quality assurance. By improving the flow of high-quality, trusted information between sources and consumers, the platform delivers data optimization and a simple pathway to expansion.

EDM can be implemented on premise, in the cloud or leveraged as a fully managed service deployed in the cloud. The latter option enables firms to reduce implementation times, future-proof, optimize expenditure and scale up and down quickly as business needs change.

## 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

## Data centralization and MDM

EDM replaces costly legacy solutions with a single platform that provides connectivity across data sources to support efficient data management and maximize data value. The platform automates master data management (MDM) - aggregating, validating, persisting, matching, mastering and distributing data to third-party and proprietary systems.

## Data control and consistency

Users have the ability to select, enrich and use relevant data through workflows with full audit and automated exception management. EDM ensures all users, irrespective of location, are working from the same underlying data, avoiding costly discrepancies and misunderstandings.

## Auditability and data lineage

Users can track data back to its raw source format. They have access to an audit trail of changes to the data through business-driven user interfaces. Visibility into enrichment and mastering workflows provides improved data governance.

## Data and data model agnostic

EDM is agnostic to both data format and structure, and does not impose a fixed data model. It allows users to add enrichments as required and transform data to provide a consistent comparison.

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