EDM:
Data management solutions for the energy industry
EDM is a flexible data management platform that pulls disparate data types from multiple sources into a central hub.

— Create consistent versions of the truth in a traceable, fully audited environment.

— Benefit from greater control, ongoing compliance and transparent data.

— Understand where data came from, who touched it and which rules were applied.

— Distribute data to analytics and business intelligence platforms.
CUSTOMERS

Banks
Commodity traders
E&P companies
Hedge funds
Integrated oil and gas companies
Mid-stream oil and gas companies
Regulators
Service providers

Governance
Stewardship of data assets

Quality
Validated, enriched and reconciled data

Aggregation
Aggregate, analyse and normalise proprietary and third-party data

Lineage
Look-through hierarchy and side-by-side source data comparison

Integration
Elimination of silos and consolidation of systems

Distribution
The right format at the right time

Data Source → Data Source → Data Source

UI
Load → Translate and Validate → Match → Master → Visualise → Distribute

Multiple data providers
Reference data
Reduce data inconsistencies and improve analytical capabilities with good quality, timely reference data masters

Wells
Integrate well reference data and maintain data consistency

Production
Maintain historical time-series production datasets from multiple sources and combine with analytical outputs

Assets
Owner, operator and transaction data

Fully extensible
Central management of all datasets, including fields, plays, basins, completions and logs

E&P data
Capture unique and related datasets, run side-by-side comparisons and define flexible rules

Master datasets
Aggregate vendor and proprietary data in a variety of formats to create consistent, validated datasets

Data interrogation
Logical access to the right data fast

Workflows
Empower users to define and own business workflows across disparate datasets

Lineage
Confidence and visibility in data source, raw data and transformations over time

Metadata
Allow metadata and comments to be added by users, time-stamped, indexed and reported
Analytics
Distribute data to analytics and BI platforms

GIS-ready
Geospatially-enabled to leverage ArcGIS and other tools

Analysis
Feed combined datasets into BI tools and analytics platforms with ease

Roundtrip
Create the valid dataset for analysis and capture the results post processing

Master Data Management (MDM)
Establish best practices across the firm, create analysis and reporting based on reliable, good quality data

Well
Use as the master data management platform for all datasets with well as reference

Asset
A single view of an asset, owner or operator

Play, basin
Aggregate on any level, storing granular masters on any attribute
Integration
Integrate multiple systems, applications and processes and maintain control of mission-critical data

Analytics
Reformatting and distribution for subscribing analytics and BI tools

Data hub
Bi-directional integration layer for data feeds

Reconciliation
Reconcile E&P data and compare internal and external sources

Data optimisation
Efficient use of vendor datasets, including harnessing the best quality data at the best possible value
Managed services

EDM managed services leverage IHS Markit’s MDM templates to standardise and accelerate implementation. IHS Markit also provides the expertise and resources to simplify data management, reduce costs and retain control of data.

Time to market
Focus on core business and revenue-enhancing opportunities

Cost reduction
Reduce fixed costs and expenditures

Compliance
Facilitate faster, integrated and more accurate regulatory reporting

Operational efficiency
Break down silos, increase scalability and flexibility

Rationalise vendors
Consolidate relationships

User admin and entitlement
Interface management
Offsite services and change management
Exception automation review
App patches and upgrades

Infrastructure services
About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world’s leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

For more information about EDM, please visit: markit.com/product/EDM

or contact us directly on:

sales@ihsmarkit.com