




Control and Governance across the Enterprise Data Layer



CuriumEDM is both Enterprise Data Management platform and powerful business application rolled into one.

Increasingly the management of data within financial services firms is as much a business process as an IT function and more than ever before it is the Business that must be accountable for the accuracy, control and use of data within the firm.

That demands a new type of EDM solution – an event driven data platform that the Business can configure, use and maintain and which demonstrates to Regulators and Management alike that the data management business teams are in control of the firm's structured data.

CuriumEDM manages the entire lifecycle of data from acquisition to distribution but puts the logical transformation, quality control and governance of that data at the heart of business operations.

Key features include:

Advanced Data Modelling - Standard data schema templates for the most commonly used data sets but with the ability to freely amend, extend and enhance as required for any data set and data attribute.

An **ETL layer** that gathers data from structured databases, files, spreadsheets as well as 'off premise' data and a distribution layer that supports a similar range of common data types and formats.

A **Master Data Management (MDM)** process that is high performing, extensible and easily maintained – matching disparate data sets and generating gold copy data from any number of contributing data sources.

A **Master Data Analytics** toolset to analyse data provenance, easy visibility over data construction logic and the ability to trial new MDM techniques alongside current production rules.

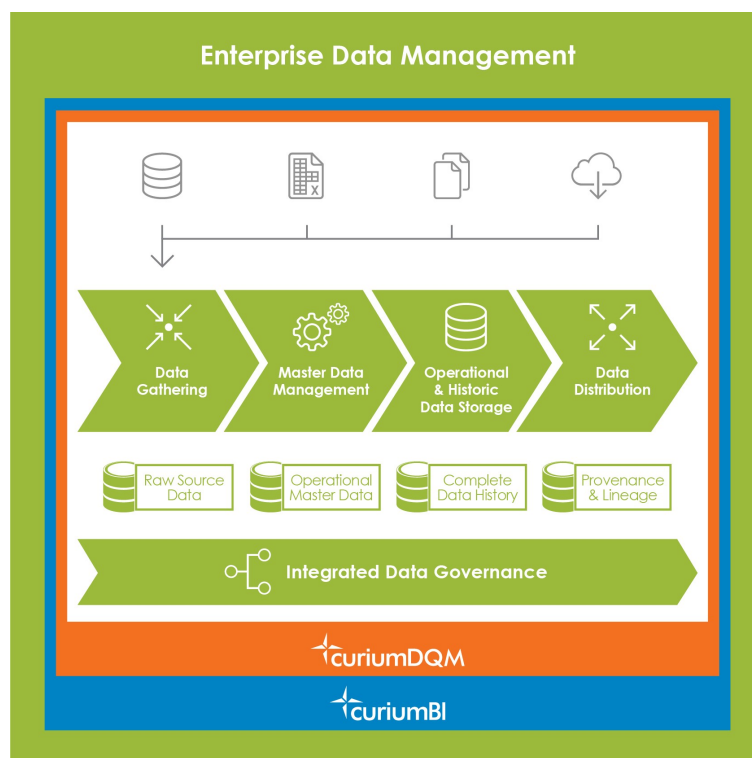
A **Data Store** that lays down historical data sets including the ability to recreate published data from any previous point in time.

An integrated **Data Governance** and **Data Lineage** layer to manage data definitions, data owners/stewards and serve up a visual representation of the entire data lifecycle and business logic as data travels through the data architecture.

CuriumEDM Benefits

- Best in class business controls over entire data process
- Single application for EDM and Governance
- Fast set up and easy maintenance of data processes
- Demonstrate data controls to management, regulators and clients
- Low cost of ownership

The CuriumEDM Process



Data Gathering - An ETL component that gathers data from both inside and outside the firm's data architecture and presents to Curium for processing and, optionally, storage. Can access multiple data formats including files, spreadsheets and easy integration with message queues and enterprise service bus architectures as well as common database technologies.



Master Data Management (MDM) - The heart of CuriumEDM. Easy creation of data models - using templates for common data sets. Fast and scalable matching algorithms to synchronise data from multiple feeds. Innovative data construction module to build master copy data sets. Extensive analytics tools to compare and optimise different construction builds and analyse data provenance over time.



Operational and Historical Data Storage - Optional data store/hub for historical capture of constructed and maintained data sets over time. Supports temporal data on both snapshot and slowly changing dimension basis. Supports effective and actual date to allow backdated transactions and recreation of 'as at date' states.



Data Distribution - An ETL component for distribution of master and constructed data to downstream consuming targets. Wide range of formats and delivery options supported including REST API, message queue, file and database targets.



Integrated Data Governance - Integrated framework for capturing data ownership and data definition. Self maintaining governance reports and visual presentations of data construction, data quality and data lineage.

CuriumEDM integrates seamlessly with CuriumDQM (Data Quality Management) and CuriumBI (Business Intelligence) – business tools that give Operations and Data Management teams control and visibility over the data architecture and key data processes.

"Curium's ability to construct master data and provide data quality oversight was critical to the success of our Target Operating Model programme." CTO—Old Mutual Global Investors