

THOMSON REUTERS ENTERPRISE PLATFORM FOR DATA MANAGEMENT

ENTERPRISE DATA SERVICES FOR IMPROVED BUSINESS AUTOMATION

Thomson Reuters Enterprise Platform for Data Management is a flexible and extensible data management solution delivering enterprise data services for improved business automation. It unifies the capability to acquire, store and distribute high-quality enterprise information assets for the securities and investment industry, including pricing and reference data.

FUNCTIONALITY

ACQUISITION, VALIDATION AND NORMALIZATION

Thomson Reuters Enterprise Platform for Data Management acquires, validates and normalizes data from a range of information sources including snapshot real-time, interactive and bulk file vendor feeds as well as in-house applications and databases. The platform includes a configurable adapter and feed handler framework for the rapid development of custom application and vendor feed interfaces. The platform retains a full history of normalized data from all sources – the data universe.

DATA QUALITY MANAGEMENT

Cleansed master records (golden copies) can be derived from the data universe. One or more golden copies can be generated for specific business domains based on user-defined rules such as vendor hierarchies and price tolerances. These rules are defined in the data operations user interface by users who have been suitably authenticated and authorized. Four-eyes verification can be applied to all data content and rule changes.

EVENT AND EXCEPTION MANAGEMENT

A data orchestration module invokes best practices and process to respond to data operations and business critical events such as data validation and cleansing exceptions. The platform provides workflow tools for managing exceptions such as price tolerance breaches, allowing users to accept, reject or manually enter a price as appropriate.

REPORTING AND METRICS

Reporting and metrics are easily generated by the platform to enhance business decision making and verify data quality and provenance. The platform maintains a full audit of all user defined configuration, business rules, data changes, exceptions and authorizations. User interfaces include dashboards displaying performance metrics associated with critical operations, such as feed handlers and data cleansing.

DISTRIBUTION AND ORCHESTRATION

The Thomson Reuters Enterprise Platform for Data Management delivers a robust, secure, extensible and scalable architecture. The high performance data orchestration engine includes an event-driven adapter framework and Web Services API, allowing data to be enriched, routed and transformed so that it can be readily consumed by downstream applications and business processes.

FEATURES

CANONICAL DATA MODEL

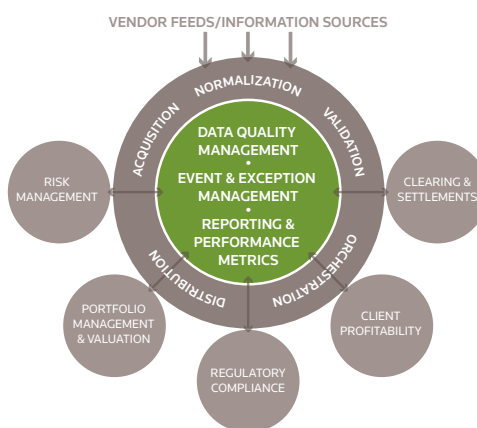
At the heart of the Thomson Reuters Enterprise Platform for Data Management is a canonical data model that ensures consistent interpretation of data across the enterprise. This is employed in the services framework for the rapid deployment of innovative solutions for business domains such as risk management, compliance and portfolio valuation.

DATA TYPES AND ASSET CLASSES

The Thomson Reuters Enterprise Platform for Data Management provides access to a broad array of data types including Issue Terms and Conditions, Identifiers, Issuers, Ratings and Pricing. The platform also supports diverse asset classes from Equities, Fixed Income, Funds and Money Markets to Options, Swaps, Warrants and Asset Backed Securities. The platform can be easily extended to support new asset classes or other data types such as entities and transactions.

CENTRALIZED, FEDERATED, DISTRIBUTED

The benefits of centralized data management are realized by consolidating all sources of data in order to create the normalized data universe. This enables efficient management of fee-liable information sources and eliminates duplication. The browser-based user interface allows federated user groups to manage golden copies for specific business domains, improving data quality across the enterprise. These high quality data assets are presented through the distributed data services framework as defined by the context of the business scenario.



Enterprise Data Services for Improved Business Automation

“FIRMS ARE ASSIGNING A DRAMATICALLY HIGHER PRIORITY TO PROJECTS THAT IMPROVE DATA ACCURACY AND CONSISTENCY ACROSS THE ENTERPRISE”

Source: TowerGroup, “Measuring the Securities Industry’s Progress on Reference Data, 2002-08”, November 2008



THOMSON REUTERS™

DEPLOYMENT SCENARIOS

The enterprise platform for data management can be deployed on-site, as a hosted or a fully managed service. Thomson Reuters has an established partner program providing access to a growing community of services organizations already trained on the platform. Extensibility of the platform ensures that it is able to support incremental deployments that deliver immediate return on investment and contribute to durable business transformation.

INTEROPERABILITY

The platform is non-invasive and interoperable with existing IT infrastructure through the support of industry leading integration technologies including: SOAP Web Services, IBM MQ Series, Java Messaging Service, HTTPS and FTP. There are also native interfaces to complementary data distribution platforms such as Thomson Reuters Enterprise Platform for Real-Time, allowing snapshot data to be acquired, cleansed and distributed. This flexibility enables the platform to support migration strategies that minimize the impact to downstream applications and business processes.

ADVANTAGES**REDUCE COSTS**

The platform automates data operations and efficiently manages exceptions in order to reduce costs associated with data duplication, manual validation and maintenance. Data governance becomes enhanced and reputational risks are reduced.

DELIVER ADAPTABLE BUSINESS SOLUTIONS

The Thomson Reuters Enterprise Platform for Data Management is able to respond to current, emerging and future business needs by empowering critical downstream processes using flexible data services that can be rapidly deployed and easily maintained.

HIGH PERFORMANCE

The platform provides a high performance solution for managing and processing large volumes of information in a time critical window whilst readily integrating with existing IT environments, including third-party or proprietary applications and systems.

EXTENSIBILITY

The extensible canonical data model enables your business users and applications to share accurate, consistent and timely data assets regardless of source. The platform includes a fully documented API for the rapid development of custom data services.

IMPROVE DATA QUALITY

The platform provides rule-based cleansing and enrichment capabilities for improving the quality of data assets to mission critical downstream applications and business processes. This reduces the impact of human error and minimizes operational and financial risks resulting from failed trades, inconsistent risk valuations and inaccurate portfolio accounting.

WHY THOMSON REUTERS?

Holistic data integration – The components of Thomson Reuters Enterprise Platform for Data Management deliver a holistic data management solution that cuts across the traditional organizational and demographic boundaries.

Future proofed – The platform is designed to meet the current and future needs of your business. It scales to provide an enterprise wide mission-critical data delivery solution.

Proven expertise – Thomson Reuters extensive resources and proven expertise will help ensure that your project is delivered on time and on budget with a dedicated team that remains engaged throughout analysis, design, deployment and support phases.

World class support – Thomson Reuters worldwide presence means our global service centers can offer support around the clock and our local account teams can respond quickly and efficiently to your requirements.

Trusted partner – With Thomson Reuters independence and global presence you can be confident that you are working with a respected thought leader.

For more information on Thomson Reuters Enterprise Platform for Data Management please take a look at:

Thomson Reuters Solutions for Pricing and Reference Data Integration, Distribution and Management.

FOR MORE INFORMATION:**Sales Enquiries:**

financial.thomsonreuters.com/sales

Products:

financial.thomsonreuters.com/datamanagement

Local Offices:

financial.thomsonreuters.com/locations

Customer Service:

financial.thomsonreuters.com/customers

