Rules-based and event-driven data validation with unparalleled *performance* and *agility*

4,000   5,000   6,000   7,000   8,000   9,000   10,000   11,000   12,000   13,000   14,000

Enterprise Strength
A rules-based engine for automated validation and derivation routines across external and internal data.

Proven Technology
Designed to address the most demanding business environments to meet your data quality needs.

Event Driven
All validations are triggered on any single data update/correction, or can be time scheduled.

Configure

Calibrate

Monitor

Adjust

Report

Produce

Key Benefits
The Data Quality Advantage

- Increased data quality
- Improved decision making
- Reduction in cost
- Single source of truth
- Realised DQM strategy

Key Features
Smart Data Quality Management

- Extensive validation library
- Event-driven rules
- Real-time monitoring
- Expert system rules package
- Validation status

Genic
Quality Manager ™

Data quality related problems can cost companies millions of dollars in corrective action, revenue opportunity loss and reputational damage. To mitigate this risk, whilst fully leveraging and maintaining good quality data, organisations need to ensure the right processes, people, measureable indicators and technologies are in place.

Genic QualityManager™ is a trusted and proven platform used by some of the world's largest energy and commodity market participants. Harnessing the efficiency of event-driven architecture and Artificial Intelligence, DataGenic offers a comprehensive Data Quality Management (DQM) platform that is powerful, intuitive and effective..

Data Status Lifecycle

Each data point has a quality transition status that is assigned based on data quality, action type and delivery. Data status is visually represented by colour coding each data cell. Data status works in conjunction with the data access policies. This ensures users are restricted to data that is defined in their policy groups according to the data quality lifecycle status.

Data Quality Automation

All data quality checks are performed automatically across each data point, triggered by an event such as a data update or correction. This ensures that a validation check is always performed on the data, irrespective of the receipt time. Checks can also be performed on a time-scheduled basis or ad-hoc.

Pre-Built Validation Library

An extensive list of pre-built validation rules are available and ready-to-use across the entire data set, including tenor point calibration across the forward curve. Custom validation techniques can also be easily be written and added into the library to ensure compliance with a company's Data Quality Management (DQM) program.

Real-Time Monitoring

The fully automated data quality management process supports interactive and real-time monitoring. Subscription-based alerts during the validation also provide immediate feedback to users to assess any business impact and corrective action that needs to be taken.

Event Driven
Any event update triggers all automated checks, derivations and integration from all sources.

SQS Feed Service
Pin-point tenor calibration is available for the creation of each forward curve.

Derivations Library
Rules based building for industry specific derivations, such as off-peak calculations.

Notifications
Subscribe to validation events, such as complience, failure, in-progress, retry and others.

Vendor Licensing Management
Record licence information, such as pricing, contract terms, quantity and other information.

Content Management
Detailed capture of file size, expected delivery, data package, data relationships.

User, Data & License Reports
Comprehensive reports are provided for internal use or vendor compliance purposes.

Quality Check Filters
Users can quickly filter data based on the data lifecycle quality status for rapid access to information.

> "The most flexible data quality management application in the market. It gives us the confidence we need across all of our data for decision making and reporting."
>
> **Major Energy Company, Europe**

About DataGenic

DataGenic is the leading global provider of on-premise and in-cloud smart commodity data management software,delivering intelligent analytics, real-time data content and proven business value. The innovative solutions include a data-agnostic multi-commodity data management platform, visual mapping and management of business processes, extensive and extensible data quality management, unlimited forward curves contruction and an intelligent decision framework.

To learn more about DataGenic intelligent solutions visit **www.datagenicgroup.com**. or contact a DataGenic sales representative today.

DataGenic

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