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

**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

**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.
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, measurable indicators and technologies are in place.

**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 compliance, 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.

**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.

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**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 construction and an intelligent decision framework.

To learn more about DataGenic intelligent solutions visit [www.datagenicgroup.com](http://www.datagenicgroup.com) or contact a DataGenic sales representative today.

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“All 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