REFERENCE DATA MANAGEMENT

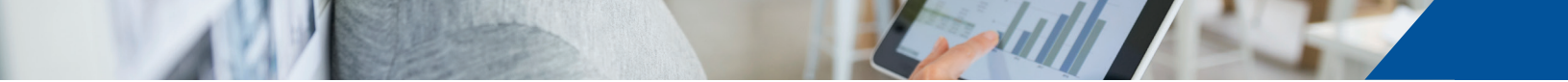For a Governed and Controlled Master View of Business Reference Data

Businesses rely heavily on complex reference data with hierarchical relationships like product roll-up tables, sales territories, markets/regions for accounting, and financial reporting. The management and governance of reference data is critical for any business to work efficiently across different internal departments and external information systems.

The Reference Data Management application of ASG Enterprise Data Intelligence strengthens Data Governance initiatives through a reliable, accurate and controlled view of business data, significantly reducing the risk of incorrect values and any related business impacts. Companies can remove redundant systems and their associated costs, establish data accountability, and visualize data lineage.

The reference data challenge continues to evolve as transformative technologies and industry inflection points impact businesses. For example, the Internet of Things (IoT) is poised to add significantly to the amount of reference data that organizations manage daily; but without a robust reference data management strategy, much of this data will go unused, and new business opportunities will fall by the wayside. Reference Data Management is especially valuable whenever businesses integrate data from new technologies, or when data from two companies needs to come together and work in tandem, for instance, during a merger or acquisition.

KEY FEATURES

- Automatic scanning and collection of reference data from diverse sources across the enterprise and creates, manages, and shares the master repository of business reference data

- Grouping of master reference data into concepts and contexts that precisely represent your company, utilizing a user-friendly UI for Hierarchy Management

- Identification of poor quality reference data for decision to reject, tolerate, or accept as part of master repository, and powerful workflow engine to govern changes in the reference data

- Provision of lineage of reference data that identifies systems that would be impacted by proposed modifications, enabling a powerful "What if" scenario for users to make informed decisions for ongoing updates

- Snapshots of reference data providing point in time versions for downstream applications, and easy-to-use tools to identify changes in reference data over time

- Out-of-Box reports and dashboards simplifying management.

Reference Data Management enables you to maintain a consistent representation of reference data across all departments and databases in your organization, and externally. It allows collaboration between IT and business users to manage internal data in one centralized place, and to facilitate the distribution of changes in data to all systems requiring notification.
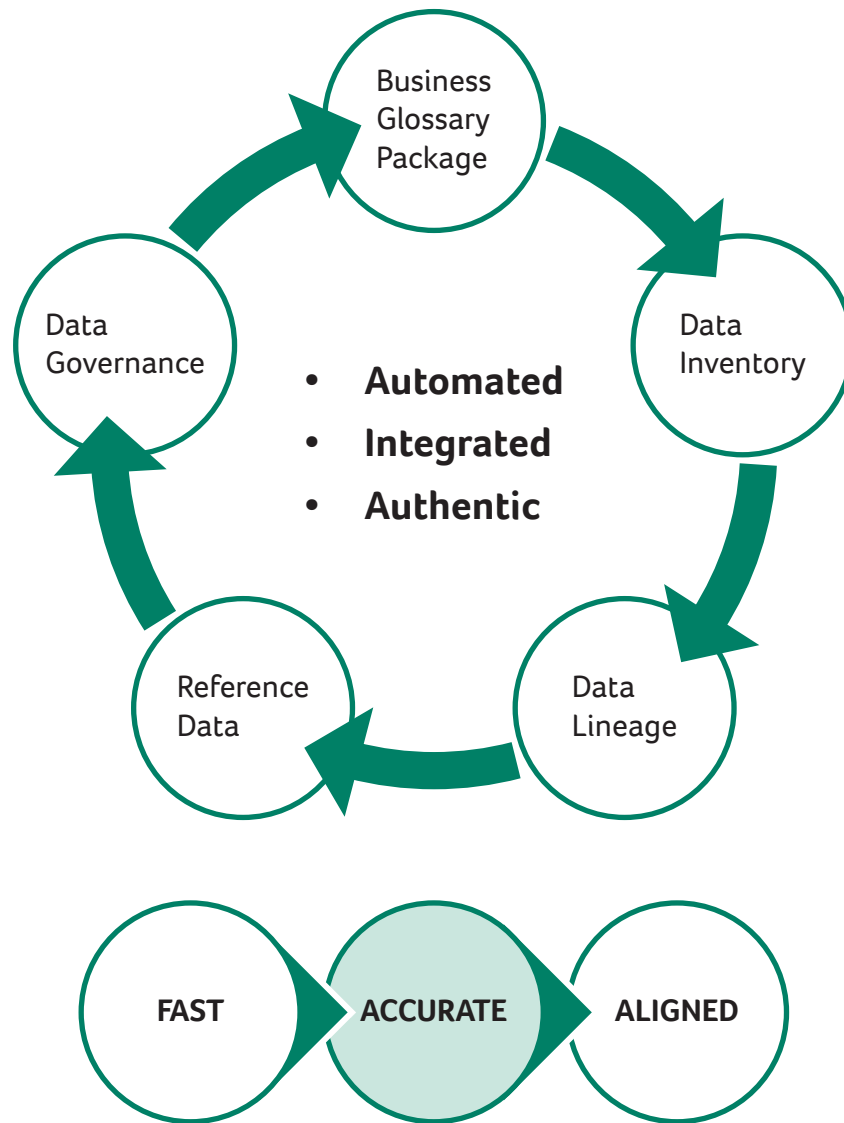
Reference Data Management ensures that business users always have an accurate view of enterprise business data that they can rely on, and provides a comprehensive solution to address the frequently asked questions:

- Do I have the accurate and current valid values for my business reference data?

- What has changed over time in the reference data? Who made the change, who approved?

- How do I manage the evolution of hierarchical relationships of reference data?

- What is the lineage for this reference data?

- Where are the values used, and what is the impact of changes to this reference data?

- What is the context/meaning of these valid values and who is the steward?

- Does the reference data management comply with industry-mandated regulations?

The Reference Data Management product address these challenges with the delivery of a fully integrated Reference Data Management solution that leverages the powerful "industrial grade" ASG metadata solutions. It provides an intuitive web-based user interface for easy use, improving business to IT communication, and enabling data governance and compliance requirements.

KEY BENEFITS

- **Delivers Operational Efficiency** – through an enterprise-wide solution that removes duplicated effort managing common reference data within an enterprise, and automates the manual processes of collection, anomaly detection, and distribution of reference data

- **Improves business decisions through increased data confidence** – defines and categorizes reference data into hierarchies and offers a clear path of reference data lineage. This provides users the business context of the data and understanding of its heritage and usage

- **Reduces Business Risk** – identification of poor quality reference data and its root source reduces errors associated with processes using incorrect reference data.

- **Enables Regulatory Compliance** – provides a governance workflow process and maintains a complete and searchable audit trail of Create, Update, and Delete activity, which is critical for effective governance risk and compliance initiatives

- **Supports Organizational Accountability** – establishes data stewardship, ownership and governance workflow process of the business critical reference data asset

Business
Glossary
Package

Data
Inventory

Data
Governance

- **Automated**
- **Integrated**
- **Authentic**

Reference
Data

Data
Lineage

FAST   **ACCURATE**   **ALIGNED**

- One Repository for all Assets
- Single UI – One user experience for searching,
  viewing and editing
- Enables Data Confidence – Reference Data
  Governance and Data Lineage

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