Better manage large bank’s data supply chain to meet compliance requirements

Meta-N Quickly Deploys Automated Data Lineage Solution

Meta-N’s highly-skilled consultants successfully implemented data lineage metadata technology to identify, capture, and visualize an accurate and cohesive view of data flows between numerous business-critical applications which create, manipulate, or store critical financial data.

In the wake of the global financial crisis, regulatory bodies established the US Federal Reserve CFO Attestation, BCBS 239, and General Data Protection (GDPR) regulations which require large banks and other Financial Institutions (FIs) strengthen their risk aggregation and reporting practices.

Together these regulations require all FIs have the capability to track and report the lineage of all data used for financial risk classifications and other important decisions.

These regulations created a huge data management challenge; how to accurately discover all the systems where data meets user defined criteria.
“The data lineage solution has quickly become an enterprise class business-critical application with over 70 data systems and over 2000 data flows captured and updated monthly.”

— Vice President, Information Architecture

Automating data lineage

The scope of the data lineage project was based on the following:
- Identify the critical data elements (CDEs) which make the greatest impact on performance, outcomes, and regulatory compliance.
- Determine “horizontal” data lineage, which represents the path along which the data flows starting from its point of origin to the point of its usage.
- Determine “vertical” data lineage, which are the links between the components on different levels (e.g. conceptual, logical, and physical).
- Identify transformations (rules, derivation, history, timing, and context) of the used and processed data.

Uniquely scalable and flexible technology

Given the sheer volume and complexity of the its data environment, the client licensed the ASG Data Intelligence (DI) market-leading metadata repository software and data lineage solution.

The ASG tool has:
- Highly automated out-of-the-box data lineage for reporting solutions
- Business glossary functionality
- Largest number of metadata scanning interfaces in the market
- RESTful API to facilitate 3rd-party tool integration

Meta-N Metanext team

The Meta-N Metanext team of metadata experts customized the ASG DI metadata tool to identify/govern the critical data elements, and produce highly-accurate, fine-grained, automated, and integrated horizontal and vertical data lineage.

This team utilized proven metadata management integration best practices so the client could quickly scale and more accurately identify and better manage their data supply chain and meet or exceed compliance requirements.

Learn more at www.meta-n.com