Prolifics®

BUILDING DATA LINEAGE IN FINANCIAL SERVICES

DATA GOVERNANCE

LINEAGE

Gathers metadata from across the environment to support data lineage reporting

GOVERNANCE

Enhances data governance policies, lineage processes, and metadata management

INSIGHT

Empowers compliance, business planning, and performance

Insufficient Data Insight

The Company is a financial institution that handles an average of tens of millions of transactions per day. Its business relies on data supplied by a third-party organization.

However, that third-party data supplier discovered compliance issues regarding data lineage. The Company lacked adequate insight into the location, movement, transformation, and distribution of the sensitive information the third party provided. With data use cases becoming more complex, financial services industries like the Company can fall out of compliance with data management standards due to evolving operational requirements, systems integration through mergers and acquisitions, and other data integration and migration activities.

The inability to produce a holistic, end-to-end mapping of the data flow leads to insufficient lineage. This, in turn, can lead to a number of problems, including major regulatory fines, legal ramifications, or the termination of the data stream upon which the Company relies.

Lineage also forms a key part of an overall governance strategy, leading to greater data quality, consistency, and accuracy that supports compliance, planning, and performance.

Supporting Business with Data Lineage

The Company first engaged Prolifics in 2017 to build out a data governance center of excellence. As the Company's metadata management needs expanded into a drive for better data lineage, Prolifics was selected to expand on its data governance capabilities due to the strength of our previous work.

Data passes through numerous systems in the Company's environment. Metadata regarding the movement of this data needed to be collected to create adequate lineage. The Prolifics Metadata Bridge proved to be an ideal solution for this need. It scans and gathers metadata on data movement and location, filling lineage gaps and enabling reporting tools to create a complete understanding of how mission-critical data moves through business systems. As a result, the solution helps enhance data governance policies, as well as processes regarding data lineage and metadata management for data. Lineage also forms a key part of an overall governance strategy, leading to greater data quality, consistency, and accuracy that supports compliance, planning, and performance.

The need for data lineage extends well beyond just the data coming from the third-party provider. In addition to the initial metadata bridge, the Company is exploring the acquisition of four additional bridges to connect other data sources and integration systems. Prolifics' original data governance center of excellence forms the foundation of these lineage expansion efforts, helping guarantee high-quality results at all levels.

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