

# Global Finance & Insurance Corporation



Realizes major data management productivity gains with data intelligence software

## Client Profile

A global finance and insurance corporation with operations in more than 80 countries and jurisdictions that provides a range of products, including general property/casualty, life insurance and retirement and financial services

## Cognizant Partner Profile & Project Role

Cognizant is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our industry-based, consultative approach helps many of the best-known organizations in every industry and geography envision, build and run more innovative, efficient businesses. Cognizant is leading the end-to-end design, development and validation of the customer's cloud migration, moving legacy systems to an AWS data lake. This work includes creating source-to-target mappings and building data lineage.

## Challenge

The customer's life and retirement business unit is migrating 10 data sources to a cloud-based data lake to serve as its central data hub. Historically, data mappings were created manually with the help of spreadsheets, which perpetuated data silos and caused challenges with version control, data lineage and auditing. The organization needed an easy and cost-effective way to harvest the metadata from its various systems, including core, legacy and on-premises Hadoop systems, and ingest it into the new AWS-hosted data lake based on source-to-target mappings.

## Solution

After evaluating multiple options, the company decided to implement the erwin® Data Intelligence by Quest®, which combines data management and governance processes in an automated flow to depict the entire metadata landscape. Automation was the key factor in the customer's decision to implement erwin Data Intelligence for easy data harvesting and ingestion from virtually any source, including from another vendor's data governance product that did not perform as intended. Additionally, erwin Data Intelligence was selected to replace that product because of its ability to reverse-engineer databases and ETL code while giving both IT and business users the opportunity to view and socialize relevant data assets within a business context via a web-based portal.

Data from four of the customer's legacy systems has been migrated to the new data lake, with more than 200 source-to-target data mappings generated while remaining migrations are in progress. Such an effort would have required many more technical resources and taken twice as long using spreadsheets versus automated data mapping and code generation from erwin. Productivity has been the clear advantage, according to Cognizant. "Before, we would have had to maintain the data maps in spreadsheets in our own silos, but now the metadata is seamless to view and understand," explains Nitin Kamal, Project Manager, Cognizant.

“We and the client are very happy with the erwin Data Intelligence solution. The learning curve was small; we were up and running within the first couple of weeks, so productivity and ease of use are key advantages in addition to the data governance it provides in terms of traceability and auditability.”



Nitin Kamal  
Project Manager  
**Cognizant**

## Results

Working together, Cognizant and erwin are helping the customer make data “the heart and soul” of this critical business unit, which means it will be able to better serve and satisfy customers.

Some of the key productivity gains and other results as reported by Cognizant are:

- ③ Multi-fold productivity increase (> 85 percent) over traditional means, as manually intensive and complex coding efforts have been automated
- ③ Steep improvement in productivity (> 70 percent) because of seamless access to and visibility of all metadata, including end-to-end lineage
- ③ Complete traceability and auditability of data maps from a single source, including version and change management

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