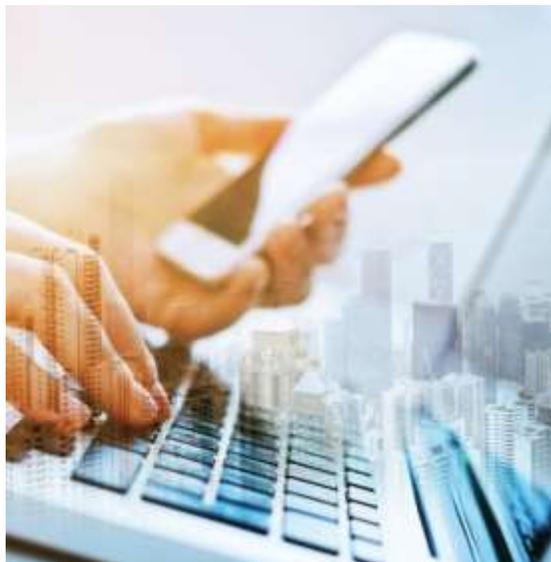


CASE STUDY

How Insight Data Solutions Helped a Global Financial Institution Integrate Data



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Data Integration

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CHALLENGE:

The Product Control data warehouse used globally within the financial institution has very stringent SLAs based upon regulatory compliance. Additionally, the numerous ETL jobs presented challenges in that each had to be monitored for both failure and compliance. Therefore, the architecture had to accommodate all of these requirements and be flexible so that new ETL jobs could be seamlessly added in the future.

SOLUTION:

Our data architect was able to provide senior level design and implementation support for the data integration ETL processes into the data warehouse. This included data modeling, development, and data warehouse tuning.

RESULT:

Given the robust design and of the various data feeds the Bank was able to meet all SLAs and incurred no regulatory penalties. Additionally, the design allowed for new ETL processes to be plugged into the warehouse requiring minimal developer input.

The Product Control data warehouse of a global financial institution containing terabytes of information from daily global trades required to have data feeds from a myriad of sources. This required the configuration of various nightly ETL processes feeding into the data warehouse. Some of the data resided in CSV files while others were processed real-time utilizing Informatica.

The key factor was that there were numerous SLAs which had to be met in order for the Bank to be in compliance. If certain SLAs were missed then the Bank would be penalized with SOX regulatory fines.

Our team was part of a global data warehouse team which was tasked with designing and maintaining the various ETL jobs. An architecture was designed which detailed the reference data for each of the ETL jobs as well as the SLA for each job and any regulatory penalties for a breached SLA.