

# DWH Resource Augmentation for Global Bank

## CONTEXT

Situation	<p>Create all OSFI regulatory reports (65) using Canadian domiciled data.</p> <p>The reports were being produced using US DWH (Sybase) and it was important to box the Canadian Information with in Canada and recreate the regulatory reports</p>
Challenges	<p><b>Segregate process flows and data</b> attributes which were centralized outside Canada to achieve transaction granularity</p> <p><b>Creation of separate Local CIF</b> compared to Global CIF</p> <p><b>Minimizing operational risk and data governance</b></p>
Complexity	<p><b>Incompetent Project Management</b> Project was being run in an agile manner with no coherence in user stories and resources did not have clear project plan and understanding of challenges.</p> <p><b>Lack of documentation</b> No documentation to understand the schema structure of current Global DWH to map out the current entities and relationships from Canadian perspective leading to sub-optimal data model</p> <p><b>Inadequate data analysis skills</b> Inadequate Data Skills: No understanding of data quality, ETL issues , normalization, persistence &amp; indexing</p>

## SOLUTION

Working collaboratively with the client Ascension-soft provided a team of PM, 1 Data architect and 2 Data analysts that delivered the project within 6 months

- Denormalizing the current schema to create a flat schema model for Canadian Enterprise
- Separation of Tran codes and GL codes
- Creating Local CIF identification compound key in conjunction with Global CIF
- Using Client ID, instrument id , balances and client id dimensions all source reports can be created without any incremental development work at US DWH