

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>Segregate process flows and data attributes which were centralized outside Canada to achieve transaction granularity</p> <p>Creation of separate Local CIF compared to Global CIF</p> <p>Minimizing operational risk and data governance</p>
Complexity	<p>Incompetent Project Management</p> <p>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>Lack of documentation</p> <p>No documentation to understand the schema structure of current GLocal DWH to map out the current entities and relationships from Canadian perspective leading to sub-optimal data model</p> <p>Inadequate data analysis skills</p> <p>Inadequate Data Skills:</p> <p>No understanding of data quality, ETL issues , normalization, persistence & 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 Candian 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**