

Case Study : USA Based Global Bank: Data validation

Scope

To begin with, the bank wanted to verify about 80,000 – 100,000 counterparty’s information. This data consisted of globally diverse companies and their related information. The major concerns of the bank were to:

- Cleanse the data
- Resolve discrepancies
- Further enrich entity reference data
- Remove duplicate counterparties
- Update stale information on counterparties
- Structure accurate legal hierarchy

Methodology

CDI toolkit, ODA’s property suite, was used to facilitate a proper workflow for accomplishing data cleansing activities.

The first step was to extract, transform and load the data from the client site to the CDI repository. The ETL processed constituted the first step in creating a centralized source of composite data – i.e. Gold Data

Second step was data matching and corroboration. Automated corroboration was done using CDI proprietary matching engine based on parameters like legal name, country of incorporation, domicile country, state etc. This yielded three types of matches: perfect match, potential match and no-match

The post-corroboration phase included verification of all counterparties and removal of any duplicate entities

Finally, the refined and enriched counterparties were sent back to the client for final approval. Once approved, the counterparties were used by the client in reference data management system to help with making business decisions

Benefits to client

- Updated and enriched counterparty database
- Accurate legal hierarchies to inform credit risk exposure calculations, reporting and limit monitoring
- Automated counterparty setup for front office systems (by matching against entity database)

Added value to client

- Well-established expertise in offering similar solutions.
- Strict management of data security.
- Ability to deliver cost-effective solutions with high quality