



Case Study: Nedbank - Enterprise wide Data Warehouse (SAS DI Studio)

About the Company

Nedbank Group Limited is a bank holding company, which operates as one of the four largest banking groups in South Africa through its principal banking subsidiaries, Nedbank Limited and Imperial Bank Limited, in which it has a 50,1% interest. The company's ordinary shares have been listed on JSE Limited since 1969.

The group offers a wide range of wholesale and retail banking services through three main business clusters: Nedbank Corporate; Nedbank Capital; and Nedbank Retail. Nedbank Group focuses on southern Africa, with the group positioned to be a bank for all – both from retail and a wholesale banking perspective. The principal services offered by the group are corporate and retail banking, property finance, investment banking, private banking, foreign exchange and securities trading. Nedbank Group also generates income from private equity, credit card acquiring and processing services, custodial services, collective investments, trust administration, asset management services and bancassurance.

Nedbank's Technology and Operations Division (T&O) has developed a distinctive capability that uniquely leverages a combination of talented people, process and information technologies to deliver sustainable productivity improvements. Nihilent is strategically aligned to deliver long-term value to it.

Business Challenges

Several current compliance and other strategic initiatives within the Bank stressed the need of an efficient and effective Enterprise Data Warehouse environment. FICA, Basel II accord, VAT act, Companies Act and National Credit Act require the bank to provide them with certain information to ensure that the Bank is complied with all of the regulatory and legal statutes that constrain the activities of the bank. Certain strategic initiatives such as Corporate governance framework, client risk profiling etc require a managed and controlled single repository of data which is intangible from the Technology Application Systems.

The bank had a Data Warehouse environment but in a fragmented fashion. The two main data warehouses and 45 other smaller data stores resulted in duplication of data, duplication in human and technical resources, delay in responding to MIS requests etc.

Nedbank decided to migrate to an Enterprise wide Data Warehouse in a phased manner.

Nihilent's Role

Nihilent was chosen as the technology partner for the Extract, Transform and Load (ETL) phase. Nihilent worked hand in hand with the Data Analysts and Business Analysts to identify the data streams, optimization of data, data mart definition and to develop the Enterprise Data Warehouse using SAS DI-Studio as the ETL tool.

Benefits Delivered

Enterprise Data Warehouse Stream provides the following benefits to the existing Nedbank infrastructure:

- Meet the immediate and mandatory requirements such as Basel II Compliance, Enterprise Risk Management and Money Laundering Control.
- Single pool of trusted data that can be leveraged for enterprise wide MIS and Reporting, which would retain the bank competent in the market.
- Act as a Data Archive so that the manifold systems within the bank can purge their historical data so that the system performance would improve, but still keep the data to comply with the regulatory requirements and on-demand reports requirements.