

PRESENTED BY



Migration by the Numbers

Next Pathway's *Migration By the Numbers* series presents recent **migration successes for our customers** in their legacy to cloud migration journey.

CASE STUDY

**Global Automotive Company
Migrates From Netezza and
Hadoop to Snowflake**

Our Client's Privacy is #1

Our customer's privacy is of **utmost importance to us**. For that reason, our *Migration By the Numbers* series will always maintain our customer's confidentiality and respect their privacy.

For more information, contact us at contactus@nextpathway.com.



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Migration By the Numbers

CASE STUDY

Global Automotive Company Migrates From Netezza and Hadoop to Snowflake



End of License for Netezza



Complexity in Moving Data Lake Consumption to Cloud

THE PROBLEM

Our customer's large Netezza EDW was approaching its end of life due to IBM halting support on the brand. They used the opportunity to consider a migration to the cloud, and selected **Snowflake** as their target cloud platform.

Furthermore, our customer was also nearing capacity on their large on-premise **Hadoop Data Lake**, and needed a solution to move **analytics processing and consumption to the cloud**.

As a result, the customer needed a solution that not only **moved core workloads to the cloud**, but a framework that enabled the **business users to request and consume data in a self-service method, while adhering to strict security measures**.

The deadline to migrate their Netezza EDW before their license expired, plus the complexity of establishing a self-service consumption framework bottlenecked the customer's migration to the cloud.

THE DETAILS

250K

Lines of Netezza SQL Code

The customer's **Netezza EDW** had approximately **75 TB** of historical data, including **10,000 tables** and over **250,000 lines of SQL code**.

130TB

Of Historical Data in the Data Lake

The customer's **Hadoop Data Lake** had approximately **130 TB** in historical data, with an annual growth of **50% in data volume**.

100s

Of BI Power Users

Hundreds of power users across multiple business lines consuming data via **5+ BI and Analytics** tools.



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THE RESULTS

100%
Of Netezza SQL
Code Translated
in **4 Weeks**

We ran all **250,000 lines of Netezza SQL** code through **SHIFT™** and fully translated that code to **100%**, including our 4-point QA process, in **4 weeks**.

We developed a **hybrid cloud platform** for the customer, with a mix of on-premise and cloud components, to meet the **customer's security and data privacy requirements**.

38%
Faster
Consumption
Timelines

Further, we developed an **automated data replication mechanism** for the customer to move data from the **on-premise Hadoop environment to various cloud targets** through a self-service capability.

This helped the customer achieve a **38% improvement in data consumption speeds** from their legacy on-premise methods.

KEY OUTCOMES ACHIEVED FOR OUR ENTERPRISE CLIENT



Translated 100% of Netezza code to Snowflake in 4 weeks



Created a hybrid cloud platform that met regulatory requirements



Accelerated data consumption speed in the cloud by 38%



Talk to Us Today

Next Pathway is the Automated Cloud Migration company. Powered by the **SHIFT™ Migration Suite**, Next Pathway automates the end-to-end challenges companies experience when migrating applications to the cloud.

[Try SHIFT™](#)

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