

Architecture Savings

for a Leading Tech
Manufacturing Company

Case study

Overview

Our client is one of the world's leading designers and manufacturers of input and interface devices and other peripherals for personal computers and laptops. We upgraded its traditional on-premises architecture to a **cost-optimized, scalable, and high performance one.**

With our data architecture reengineering, we were able to save close to **\$1.5 million per year in maintenance and licensing costs.**

Challenges and goals

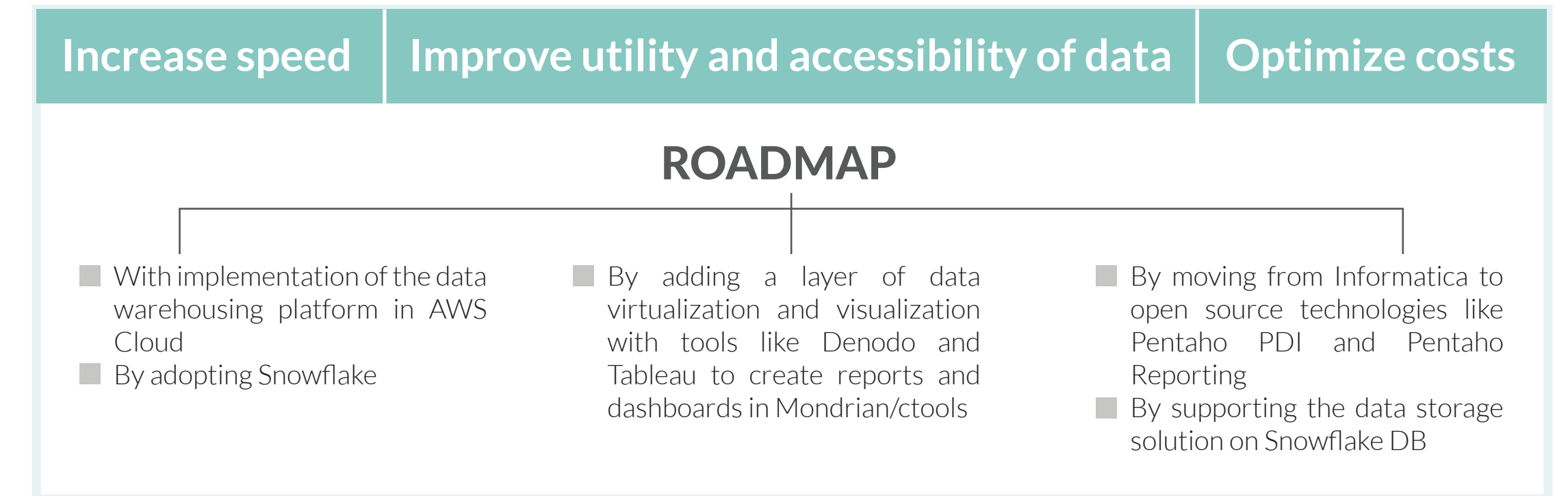
Most of the issues that our client was facing was due to its traditional Oracle Business Intelligence Applications (OBIA) based architecture. These problems included:

- High licensing costs
- Limitations in scalability of hardware instances
- Performance related issues in data management

But a bigger problem to solve was the lack of transparent access to data (a whopping 30+ TB) for its users (over 1,000). By solving this, we would be able to bring in a qualitative difference to its operations.

Solution

Our action plan was multi-pronged:



We managed our client's business analysis, data modelling, ETL (extract-transform-load) development, reporting, production support, and end-to-end project management.

Impact and key highlights

Here are the benefits of this multi-pronged approach we took:

- Recurring savings of \$350K on licensing per year and approximately \$1 million per year on maintenance of server by adopting Snowflake DB and Pentaho BI
- Flexibility of easy scaling of the data warehouse with AWS cloud adoption
- Easier access and integrated analysis of data made possible by the separation of compute and storage nodes using Denodo and Tableau

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