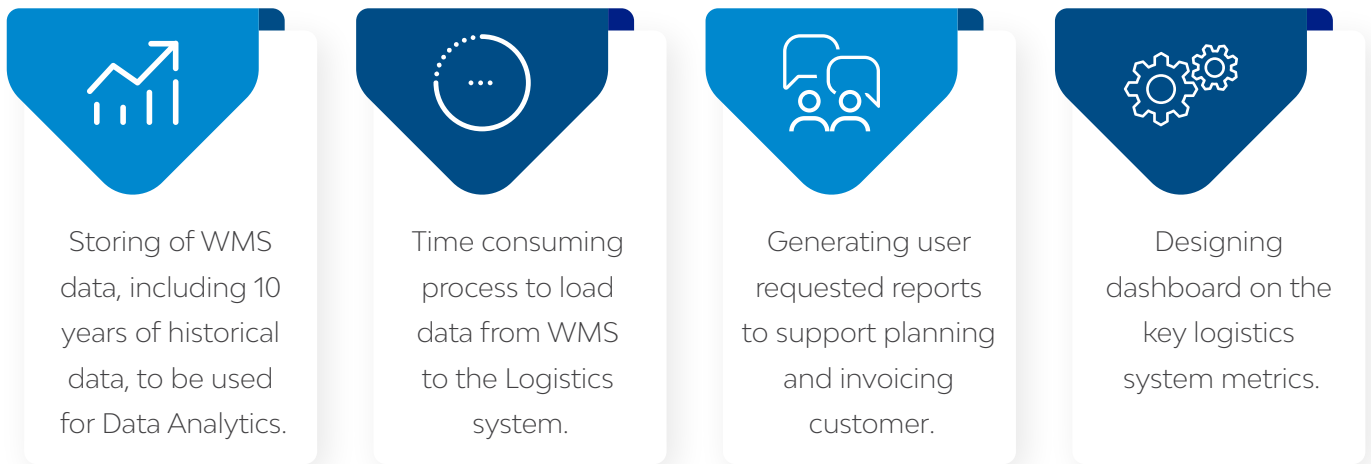## Case Study

Design & Implementation of Logistics Database for US-based Global Technology Distributor

Client

A Fortune 100 company, which is the world's largest wholesale technology distributor, and a global leader in IT supply-chain and logistics solutions.
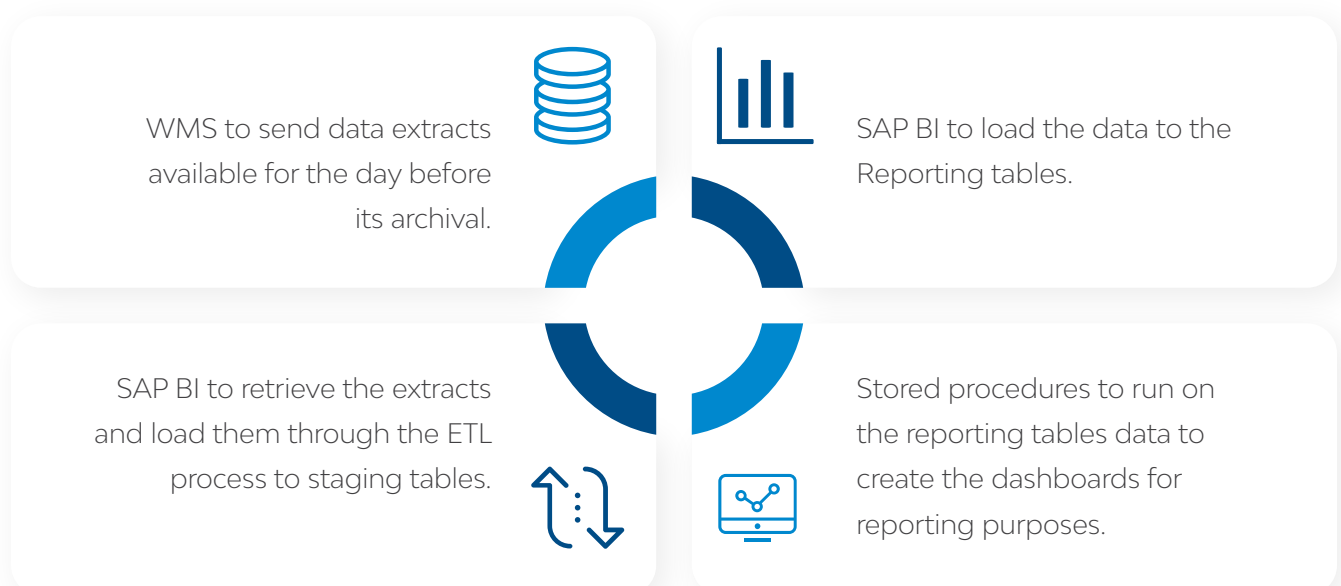
Challenges

The client was looking for a dashboard to report on key logistics system metrics, so as to enhance and simplify the decision making process. Following were the key project challenges:

Storing of WMS data, including 10 years of historical data, to be used for Data Analytics.

Time consuming process to load data from WMS to the Logistics system.

Generating user requested reports to support planning and invoicing customer.

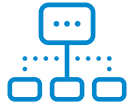Designing dashboard on the key logistics system metrics.

LTIMindtree Solution

LTIMindtree helped the client with implementation of SAP BI tool to achieve the business targets for the project by following activities:

WMS to send data extracts available for the day before its archival.

SAP BI to load the data to the Reporting tables.

SAP BI to retrieve the extracts and load them through the ETL process to staging tables.

Stored procedures to run on the reporting tables data to create the dashboards for reporting purposes.

Business Benefits Delivered

Major help to Operations team & Senior Management in decision making and planning for logistics related metrics.

Dashboard to show the productivity of the associates, along with steps needed for improvement.

Zipping of the extracts resulted in using lesser bandwidth for the transfer of data.