



Let's Solve

Case Study

Legacy Modernization of IT
Applications for Japanese
Manufacturing Major



Client


The client is a leading Japanese manufacturer of signaling systems and Power electronics systems. They are known for their safe and reliable core signaling systems for railway operations in and outside Japan.

Challenges

The client wanted to transform their business application (Scratch built) in operation for around 20 years to the new-age technology and platforms to meet their growing business needs. The transformation journey started with upgrading their existing software. Business-critical applications running on the outdated database server. Unable to decide the suitable database and migration approach.



Inefficient utilization of high specification hardware and softwares leading to increased license cost.



Business Intelligence environment running on outdated data warehouse appliance.



Timelines are short as the license expiry was nearing and the existing vendor was not ready to support due to the complexity involved, business impact and time constraints

LTI Solution

Recommendations and implementation of performance improvement techniques in Oracle 12c

Deployed proprietary tool test tools for validating correctness of data post migration.



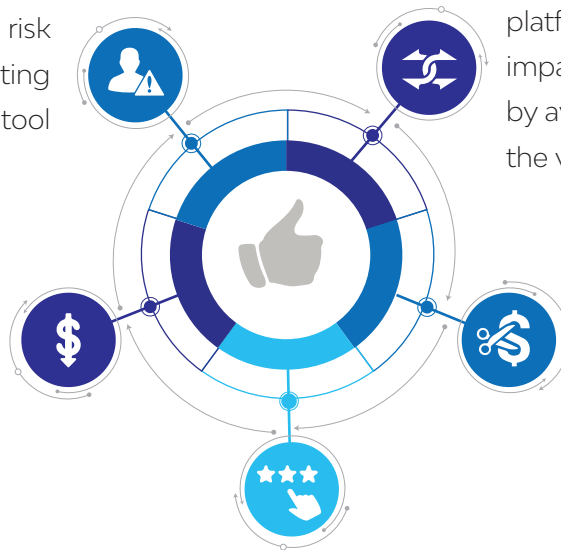
Conducted a detailed analysis on the existing system architecture in a short time, and proposed multiple options to decide the suitable to-be database server (Oracle 9i enterprise edition to 12c standard Edition), and Data warehouse environment (IBM Netezza v7.1 and SAP BO v4.2)

Formalized platform migration approach based on the best practice and understanding of customer needs/ constraints.

Business Benefits Delivered

Reduced clients risk management time by hosting the proprietary tool

A team established with only Japanese speaking key client stakeholders in the project. It helped leveraging the offshore team's strength to meet project timelines and cost reduction.



On-time migration to new platforms with zero business impacts resulting in cost savings by avoiding the need to extend the validity of existing licenses.

Reduction in annual license cost by migrating to standard edition from enterprise edition, without compromising on the required functionalities.

Increase satisfaction level of business users due to improved performance of the new environment.

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