FORSYS
Forward Thinking

40% Performance Improvement with Seamless Migration to Oracle Financials Cloud for a Top Ranked Public University

Case Study

Insight

A leading public research university wanted to migrate data from its legacy DB2 mainframe platform, used for over 50 years, to improve operational efficiency and business outcomes, and streamline operations and reduce operating costs.

Forsys partnered with FloData, and designed a migration methodology to enable E2E source-to-target migration to the Oracle Financials Cloud. Forsys used FloData, Oracle Cloud Adapter and Connectors, which helped to simplify and automate the data processes, and convert database code and data from the source. The migration enabled the client to record 40% performance improvement.

Industry	Revenue	Employees	Headquarters
Higher Education	$95+ M	26K+	California, US

Business Challenge

The client was looking at migrating/integrating data structures and data to Oracle Financials Mainframe and OFC to perform advanced analytics and reporting. Their distinctly different operating environments posed challenges in migrating data from DB2 to the Oracle Cloud.

Additionally, Oracle's standard FBDI process to import data for mapping, cleansing, transforming, and loading millions of data on OFC caused further hindrances. They needed a full-proof execution strategy to:

- Connect Oracle Financials Cloud
- Monitor import data process
- Handle and manage errors
- Reconcile and import data

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Transformation Journey

Forsys in collaboration with FloData, designed & implemented the Oracle migration methodology for an end-to-end source-to-target migration. The FloData, Oracle Cloud Adapter and Connectors helped to read and write data between Mainframes and Oracle Cloud, automate data processes, and convert database code and data from the source.

First, we assessed the client's objectives and expectations, analyzed database objects and structures, and then designed and finalized the migration strategy without impacting the availability and functionality of the system.

The notable highlights of approach to the solution:

- Mapped data from source to target.
- Automated data integration.
- Data imported and reconciled.
- Imported multiple journals from the mainframe.
- Reported errors.

Apart from migration, we offered continued testing, post-migration support, knowledge transfer, and performance fine-tuning.

Impact

The automated migration approach helped the client:

- **Improve performance by 40% as compared to the previous legacy mainframe.**
- **Enhance cost efficiencies and lowered maintenance activities.**
- **Optimize resources across all phases of the migration and maintain project costs.**
- **Reduce business risks.**

About the Client

The client is a Public Land-Grant Research University in Los Angeles, California. Named among the top 5-ranked Public Universities in the US for 5 years in a row, the institute offers a combination of academic programs—from the visual and performing arts to the humanities, social sciences, STEM disciplines and health sciences- and offers over 350 graduate and undergraduate programs.

Solution Components

Oracle Financials Cloud, FloData, NetSuite, JIRA