



FloData Converts & Migrates Millions of Data to Oracle Fusion Cloud, Saves 40 Hrs. in Migration Efforts

INSIGHT

The client, a leader in access innovation, wanted to upgrade its enterprise systems from Oracle E-Business Suite (EBS) 12 to Oracle Fusion Cloud ERP and Supply Chain. The client relied on Forsys' expertise for the Data Conversion and Migration project.

Forsys seamlessly upgraded Oracle EBS 12 to Oracle Fusion Cloud ERP and Supply Chain, converted data, and migrated several millions of data. As a result, the client can save 40 hours of manual efforts during the production migration process.



Industry
Software Development
Revenue
\$670+M



Employees
501-1,000



Headquarters
California, USA

BUSINESS CHALLENGES

The main concerns of the client were:

- Oracle EBS Data structures for most modules are different from Oracle Fusion Cloud.
- Oracle Fusion Cloud does not provide direct access to the Database.
- Client had customized its Oracle EBS environment for over 10 years; so, the data structures had changed significantly.
- Data Conversion involved multi-staged process:
 - Identifying the objects to be migrated.
 - Analyzing the data for its accuracy and work its business (data owner) teams for correction.
 - Identifying the columns/attributes to be migrated.
 - Documenting the rules to be applied to the data sets for conversion.
 - Loading the data to File-Based Data Import (FBDI) and then to Oracle Fusion Cloud environment.
- Reconciliation and data validation was a monolithic effort to ensure all the data sets are migrated to Oracle Fusion Cloud environment for business continuity.

TRANSFORMATION JOURNEY

- ✔ Worked with business stakeholders to develop a data strategy for Financials and Supply Chain modules.
- ✔ Analyzed master and transactional data sets for its accuracy. Worked with business teams to fix duplicates, invalid records, etc. Datasets that needed translation, included Suppliers, Customers, Employee information, Item Master, Categories, Bank Accounts, Fixed Assets, Vendor Invoices, AP Prepayments, Customer Invoices, Credit Memos, Purchase Order (PO), Sales Order, Work-Orders, Receipts etc., and its historical Data.
- ✔ Developed rule sets for applying to the data in each of these modules; developed validation rules to address data conversions.
- ✔ Developed Data Sequencing models for loading the data based on their dependencies, such as PO, Order Management (OM), Inventory (INV), Planning, and Global Order Promising (GOP), Install Base, Service Contracts, and Service Request.
- ✔ Developed FloData Flows to automate data extraction, transformation, and loading into FBDI templates.
- ✔ Automated uploading of the FBDI templates to Oracle Fusion Cloud environment and executing the scheduled jobs to load the data into the core objects.
- ✔ Validated error records and worked with business stakeholders to address them. Iterated the process for loading the correct data to the cloud.
- ✔ Developed Reconciliation strategy for validating the data from source and target.
- ✔ Executed reconciliation scripts to ensure data accuracy and quality.

IMPACT



Automated the process of building FBDI templates and loading of data into Oracle Fusion Cloud environment



Saved over 40 hours of manual effort especially during the production migration process



Increased data migration success rate by validating master data and identifying issues ahead



Used data reconciliation methodology to increase user adoption of the new systems



75% reduction in financial audit time



60% reduction in reconciliation time due to automation

ABOUT THE CLIENT

The client headquartered in San Jose, California, is a global leader in access innovation. Its Unified Access portfolio of broadband communications access software, systems, and services enables communications service providers worldwide to transform their networks and become the broadband provider of choice to their subscribers.

SOLUTION COMPONENTS

Oracle Fusion Cloud ERP and SCM, FloData