

**CASE STUDY**

# **80% Efficiency Gains: LTIMindtree's Cloud-based Solution Boosts Efficiency for The Client**





## About the client

The company provides electric power consulting, large-scale renewables integration, power network analysis, market design and development, power system planning, and energy restructuring services. It is also a leading professional service provider and the parent company's business process management and customer engagement division. The client company is focused on administering, executing, and analyzing end-to-end customer programs.



## Challenges



The manual invoice processing method was slow, inaccurate, and time-consuming.



The client used Oracle ADF-based applications for interface-based activities (cost, invoice, and general ledger) hosted on the Oracle SaaS Extension Module. This resulted in slow, legacy architecture, unsecure solutions, and open-source applications hosted over the Internet that required constant maintenance.



The process depended on the master data sync-up, database management, and constant support intervention.



The client sought a safe, secure, responsive, flexible, and adaptive solution based on a robust environment to replace the outdated setup and provide real-time status.



## LTIMindtree solution



LTIMindtree proposed the Oracle PaaS for Oracle SaaS solution, which integrates an open-source technology-based multi-factor authentication solution with Oracle Cloud Infrastructure (OCI). It would create a secure environment for cloud-based hosting and database management.



Data was fetched from Oracle Fusion SaaS using RESTful services without sharing or synchronizing master data.



Business logic, data processing, and draft-mode view were maintained in the Oracle ATP Database, accessible using Oracle RESTful Database Services (ORDS) v20.2.xx. This enhanced data accuracy, operational efficiency and encrypted in-transit security protocol using Oracle Standard functionalities and services.



Automated invoice processing for customer source API integration with a custom solution and Oracle Fusion reduced errors, accelerated tractions, and improved overall efficiency. This process is auto-scalable and future-ready for incorporating large volumes of data for processing.



Email notifications were set up for each process execution, success/failure, execution-wise summary, etc.



## Business benefits



Set up a flexible solution architecture capable of integrating/communicating with any ERP solution and auto scalable for larger volumes of data, which provides future considerations with minimum cost involved



Improved efficiency by 89% with automated invoice processing



Achieved an 80% improvement in resource utilization and efficiency in terms of workload, task completion



Established a safe and secure environment with the latest technology



Set up the organization for future possibilities and integration readiness



Set up fast and responsive applications that are compatible with the latest OS and browsers to reduce processing and utilization time



Reduced sensitive data sharing and maintenance dependency with the end-to-end integrated solution





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