

ACCELY CASE STUDY FOR SAP S/4HANA MIGRATION FOR A LOGISTICS SERVICE PROVIDER



ABOUT CUSTOMER

One of the leading pioneers in the development of Free Trade Warehousing Zones (FTWZs), the logistics service provider agreed to implement SAP S/4 HANA to transform its business process. Acclaimed with several firsts to its credit, the provider marks its USP for being the sole free zone developer, operating 2 FTWZs with the largest private container train operator with Pan-India operations. A list of its services includes dedicated container yards, rail and rail infrastructure, and state-of-the-art cargo handling equipment, among others.





PRE MIGRATION ARCHITECTURE

- Pre-Migration Architecture:
On-premise-SAP landscape: old IBM Aix Servers
- SAP ERP 6.0 EHP4 with Oracle 10.2
- SAP SCM 7.02 EHP2
- SAP Solution Manager. 7.1 SP04
- SAP EP with Oracle 10.2



KEY CHALLENGES

TECHNICAL

- Datacenter Movement-On-Premise to Cloud
- Oracle Database 10.2 to HANA 2.0
- Min. Downtime: Limited to 12 hours (DB Size = 550 GB)

FUNCTIONAL

- Inconsistency in Fiscal year closing
- Issues with depreciation areas/ Incomplete periodic posting
- Challenges with Customer/ Vendor Integration

PROJECT HIGHLIGHTS

- Movement of the data center from on-site to the cloud
- Data downtime is limited to a minimum of 12 hours
- Inconsistency over fiscal year operations
- Challenges over the integration of vendors and customers



THE RESOLUTION - MIGRATION

- SAP S/4HANA (FI, CO, SD, MM, PM, HR-PY, BW, BO, EWN, TM, EM)
- SAP Extended Warehouse Management 9.4/9.5
- SAP Transparent Management (TM)

IMMEDIATE BENEFITS

- Users can explore and analyze all transactional and analytical data in real-time
- Real-time analytical processing is being performed to analyze business operations in real-time, using huge volumes of detailed information while business is happening

PROJECT DURATION

Successful SAP S/4HANA Migration within 4 months (Including 1 month of planning)

PROJECT RETURN ON INVESTMENT

- Implementation Time: Down by 40%
- Speed: Improved by 80%
- Total Cost of Operations: Reduced by 25%

- **Discover:** Check the system integration readiness and simplify the items to engage in SAP Data Management and Landscape Transformation.
- **Prepare:** Detailed planning session with all application owners to understand the functioning of the system. Analyze the custom codes and prepare the ERP system for required integrations.
- **Explore:** Check out the testing system's possibilities and do rigorous testing with Sandbox and Fit standard systems to avoid unwanted surprises during migration.
- **Realize:** This process becomes a bit lengthy as it involves the creation of an ecosystem, testing the cycles of data migration, and test the cycles of data migration.
- **Deploy:** Initiate the migration and rehearse production conversion until the solution is ready to manage core business functions.



ACHIEVEMENT SUMMARY

- Successful Go-Live within 4 months (Including 1 month plan) ERP 6.0 EHP4 to S/HANA 1709
- Database migrated to SAP HANA 2.0 from Oracle 10.2
- Database Migration: Oracle to Sybase for SAP EP
- Performance improvement in the user experience
- Delivered Simplified UX with SAP Fiori (20 Std. Apps)
- Implementation of SAP PI & SAP TM
- Data Verification Testing, Performance Testing & Cutover Verification Testing



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