LTIMindtree

Case Study

UK Modular Home Manufacturer TopHat Benefits from Hybrid Cloud, S/4HANA Integration

Executive Summary

LTIMindtree has been engaged with TopHat, a modular home construction company, for a Greenfield SAP S/4HANA on AWS implementation. We have enabled integration with design and DMS for consumption of new and changed design elements, and tracking of changes throughout manufacturing & deployments lifecycle.

Client

The client is a UK-based modular homes construction company. It provides end-to-end services for new real-estate developments through an integrated value chain of software, design innovation, and sophisticated supply chain logistics.

Business needs

The client wanted to transform the traditional construction practices through an innovative approach to building design, construction and ongoing support services. This would be achieved through high-quality and efficient offsite manufacturing with onsite installation of units. The client also wanted to adopt a scalable and flexible solution with SAP's S/4HANA as a core platform, which also leverages appropriate technologies such as data analytics, IoT, AI/ML etc. to build an industry-leading platform.

LTIMindtree Solution

As part of the migration implementation, LTIMindtree provided managed services while leveraging AWS Platform Services for the Dev/Test/Production Environments by taking an end-to-end operational responsibility of the entire platform. For this implementation, LTIMindtree provided 16*5 support, 24*7 monitoring, and real-time notification in shared service model. Throughout the engagement, LTIMindtree provided:

- AWS-trusted Adviser Fine tuning & monthly runs

- Security baselining & periodic best practices check

- End-to-end SAP platform management, including AWS platform monitoring, patch management, configuration services, security and performance base-lining

- Managing AWS subscription, billing, resource optimization

- On-demand creation of AMIs and Cloud Formation templates

LTIMindtree deployed the state-of-the-art EC&O solution, built in collaboration with SAP and AWS for enabling a true digital business. The solution integrates SAP S/4HANA, Leonardo, Fiori with multiple add-ons and hosted on AWS. LTIMindtree assessed, recommended & built a scalable architecture, enabling integration and processing of data from anywhere and anytime e.g. data from sites, factories, transportation, vendors & customers. Our solution was built to seamlessly support multiple factories incl. integration across factories, countries.

Why AWS

The vast AWS global infrastructure was one of the primary reasons for choosing AWS. Using AWS services, LTIMindtree could leverage reliability and scalability for their applications, which can then directly contribute to amplify business outcomes. Also, the customer could benefit from a lower TCO by reducing the need to invest in large capital expenditures and providing a pay-as-you-go model. The ability to rapidly provide computation, storage, and networking infrastructure for new SAP projects and systems, including SAP HANA, in minutes versus weeks or months with traditional IT infrastructure, rendered AWS as the Cloud of Choice.

Why LTIMindtree

LTIMindtree, as an Advanced Consulting Partner, is one of the foremost system integrators in the SAP Workload Migration to AWS Cloud field. LTIMindtree has a demonstrated capability for implementations of such scale, highlighted by the fact that LTIMindtree has enabled one of the largest in-house SAP S/4HANA implementations on the AWS cloud. Our cloud professionals are equipped with deep technical and domain skills, capable of providing value-added services to customers across the globe. For such implementations, we actively collaborate with the AWS technical teams for brainstorming, architecting, and constantly developing our solutions.

![LTIMindtree logo]

Business Benefits

360^0 visibility into project performance

>50% reduction in building time and costs

Real-time linking of business stakeholders, machines and sites

Technology-enabled process optimization and scalability

Value through capabilities such as costing, inventory tracking, logistics, material requirements planning, order management, and revenue recognition