



Let's Solve



# AWS-enabled Cloud Transformation for US-based Interior Design Solutions Provider



## Executive Summary

LTI has been helping the US-based interior finish solutions provider in their Cloud journey by migrating SAP and non-SAP workloads, leveraging SAP-native tools and block-level migration, and using Cloud Endure for legacy applications. Through our implementation, we have lowered the operation cost and improved performance and reliability, while providing options to the client for rapid scaling.

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## Client

The client is a provider of interior finish solutions for homebuilders. It provides supply chain management and installation services for a diverse range of multifamily, commercial and repair and remodel customers.

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## Challenges

The client was facing certain architectural limitations of scaling. Unplanned procurement had led to nonstandard infrastructure elements. This resulted in higher operation cost, and lag in technology and process adoption. Moreover, low performance, compromised reliability, and fewer options for rapid scaling pushed the client to reduce its infrastructure maintenance burden.

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## LTI Solution

- Review of current and long-term business requirements and tool-based cloud assessment of current landscape, including SAP and non-SAP workloads with respect to AWS.
- Rapid migration of SAP and Non-SAP workloads, using SAP Native tools and block level migration using Cloud Endure for legacy applications.

- Leveraged Amazon Elastic Compute Cloud (EC2), load balancers and Amazon Simple Storage Service (S3) and designed environment for scale and reliability.
- Established and leveraged AWS Direct Connect, by working with connectivity providers setup a dedicated network connection between the client network and AWS Cloud.
- Single window for operations for Infrastructure landscape and visibility into utilization and operations. End-to-end managed services using the shared service model for integrated monitoring and services. Deployed and configured Palo Alto firewall for securing traffic.

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## Business Benefits

- **30% reduction** in TCO
- Leveraging reserved instances for **25% cost optimization**
- Successful migration of SAP and non-SAP workloads comprising around **120 servers in four months**
- Implementation of an availability SLA of 99.95% with the **new architecture on Cloud**

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## Why AWS

The vast global infrastructure was one of the primary reasons for choosing AWS. Using AWS services, LTI could leverage reliability and scalability for their applications, which can then directly contribute to amplify business outcomes. In traditional hosting environments, this probably would have meant downtime and 404 errors as the websites would have just gone dark. But in a truly cloud-hosted environment like AWS, there's enough distinction between processing and storage so websites can continue to remain online and generate revenue even with reduced functionality. The AWS CloudFormation templates could be used to roll-out multiple environments at the click of a button, and similarly rolled down when requirement recedes.

## Why LTI

LTI, as an Advanced Consulting Partner, is a proven expert when it comes to the AWS Cloud Migration implementations. Our customer credentials were a clear demonstration of our skillset in the migration space. Our cloud professionals are equipped with deep technical and domain skills, capable of providing value-added services to customers across the globe.

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