

CASE STUDY

Assessment of Order Management & Invoicing application (AS400) for KeHE

Client Profile

With a 16-distribution center network across North America, KeHE Distributors is one of the largest and most respected pure-play grocery and natural distributors in the nation. Its products include dry, refrigerated, and frozen items, grocery products, confectionery, vitamins, minerals, supplements, and personal care products.

Challenges

This assessment was on business-critical applications order management and invoicing running on IBM AS/400 infrastructure. The client's long-term vision was to transform the AS/400 workload to AWS while addressing below challenges:



Difficult to maintain the legacy application on AS/400.



The current AS/400 system overloads due to the multiple requests.



High maintenance cost on AS/400. Limited availability of AS/400 SMEs.



Difficult to replicate the applications and infrastructure in other regions.



IBM iServer growth outlook is uncertain.



The data for various systems, including order management and invoicing application, was standard across various business applications, making it difficult to maintain and organize.

Solution

The discovery was performed with LTIMindtree's AS/400 discovery tool for the identified business functionality. These tools automated the identification of baseline application inventory, source code complexity, patterns, database schema, program-to-program, and program-to-database dependencies following inventory analysis, including integration, program, and data flows, and define a serverless target architecture. LTIMindtree also assisted in defining cloud migration, testing, cutover, risks, and mitigation strategy.

Finally, the target technology stack and team structure were identified and compiled exhaustively in the assessment outcome document.

Benefits

20-30% cost savings due to highly scaled serverless architecture from the assessment of source applications and target state architecture.

Enhanced performance due to workloads transfer from on-premises to the cloud during peak times.

Lower operational costs with easy-to-maintain cloud-native applications.

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