USA'S MNC AVIATION

Alt Digital

We upgraded a US aviation company's supply chain with S/4HANA, enabling real-time data flow, dynamic pricing, and personalized inventory management, thus enhancing efficiency and security.

Industry	**Solution**	**Location**
Aviation	ERP, Migration	USA

CLIENT OVERVIEW

The client is a global aerospace company and one of the world's leading manufacturers of commercial airplanes, defense, space, and security systems. Founded in 1916, the company has an important role in aviation history, producing iconic aircraft and advancing aerospace technology.

BUSINESS CHALLENGES

Legacy System Migration
Migrating data from the legacy Cardex system to S/4HANA involves dealing with data structure differences, and integrating issues.

Real-Time Data Import
Implementing a nightly data import from S/4HANA to the ATG application resulted in challenges in data synchronization and potential errors.

SNAP Pay Credit Card Functionality Integration
Integrating credit card functionality into the system forms smooth transactions.

API Implementation
Developing and maintaining APIs for dynamic pricing and personalized inventory management.

BUSINESS SOLUTIONS

Upgraded to S/4HANA
The legacy Cardex enterprise resource planning system was upgraded to S/4HANA.

Data Migration
Customer, order, and catalog data were migrated from the legacy system to the new S/4HANA system.

Nightly Data Import
Implemented a nightly data import from S/4HANA to the ATG application to keep information up-to-date and accurate.

Integrated Credit Card Functionality
SNAP Pay credit card functionality was integrated into the system to facilitate smooth credit card transactions.

HIGHLIGHTS

- Upgraded legacy Cardex system to S/4HANA, leveraging digital technology for efficient supply chain management.
- Implemented IBM MQ for secure data exchange between S/4HANA and ATG, and used PI/PO for seamless SAP and legacy system integration.
- Introduced APIs for real-time updates on pricing and inventory, ensuring smooth order processing, real-time tracking, and simplified shopping tracking.
- Enhanced multi-location delivery scheduling with diverse carriers. The system efficiently splits items by location, streamlining tracking and bolstering order fulfillment flexibility.