MANUFACTURING SECTOR
PROGRESSIVE LABEL

AWS Powers Progressive Label/ USA's Digital Transformation.

PROGRESSIVE LABEL INC

Hamal Solutions

Progressive Label is a multinational organization dedicated to providing brand identity solutions globally. Its focus is on the design, manufacture, and distribution of identification labels for a wide variety of industries.

Design and construction of BPM for the management of RFID tags and General Tickets.

CUSTOMER CHALLENGE

With a growing customer base and ever-increasing order volume, Progressive Label faced the need to modernize its technology infrastructure to improve productivity and standardize critical processes.

Progressive Label's rapid growth brought scalability issues with its existing application, FlashTrak. The company was facing difficulties in tracking orders through their various stages, resulting in delays and inefficient management. Processes were not properly orchestrated, which prevented them from maintaining reasonable response times and affected the overall efficiency of operations.

In addition, there was a need to cover an underserved customer segment, which required the integration of a new RFID tag encoding method, EAN13, into order processing.

SOLUTION

To address these challenges, **Progressive Label** partnered with AWS and Hamal Solutions for a complete digital transformation. Key enhancements were implemented at the deployment, application and database level, using AWS services that included:

Process Automation: re-engineered and built out the production chain processes, including format upload. Aiming at optimizing the daily operation.

Sales Management System: A robust system was developed for sales management, improving order traceability.

Standardization of customized orders: The process of creating customized products was standardized, reducing errors and speeding up production.

Database Migration: Migrated the FlashTrak 1.0 database to a more robust infrastructure on AWS.

Market Expansion: Integration of the EAN13 encoding method into RFID label order processing, allowing Progressive Label to serve a previously underserved market in different regions of the globe and expand its reach.

Format Creation Tool: A specific tool was developed for the creation and management of label formats.

BENEFITS

1. **Real-Time Tracking:** The ability to track orders at all stages was significantly improved, reducing dispatch times.

2. **Human Resources Optimization:** Specialized personnel can now concentrate on higher-value tasks, thanks to automation and visual tools for label design and code generation.

3. **Market Expansion:** The integration of the EAN13 method allowed Progressive Label to enter new markets and offer more versatile solutions to its customers.

4. **Robust and Scalable Infrastructure:** With AWS, Progressive Label has a robust infrastructure that supports its continued growth and allows them to continue to innovate in the use of RFID technology.

Hamal Solutions
We transform the digital experience