



## ENGAGEMENT CASE STUDY

# Enhancing Warehouse Operations and QC Compliance through Trangile Enabled Infor WMS Implementation

### Introduction :

As a Digital Transformation Company, presenting case studies of innovation, implementation and collaboration with our valued customers.

### Client Overview :

The client, a renowned French manufacturer specializing in cat and dog food, operates as a subsidiary of a prominent pet food manufacturer. Their core focus is on research and development to create breed and symptom-specific nutritional requirements for dogs and cats.



### Challenges :



**SSCC Compliance Warehouse Operation:** Ensuring compliance with SSCC (Serial Shipping Container Code) in warehouse operations posed a significant challenge.



**Live Traceability and QC Compliance:** The need for live traceability and instant retrieval of data for Quality Control (QC) compliances required an optimized solution.



**Communication for Quality Adherence:** Multiple communication channels were required to maintain adherence to stringent quality standards.



**Manual Intervention in Warehouse Operations:** Heavy reliance on manual intervention at various stages of warehouse operations hindered efficiency.



**Future Business Expansion and QC Compliance:** Future expansion plans, including co-packing, raised the need for QC compliance throughout the inventory transition to the customer end.



## Our Solution :



**SSCC Scannable Operations and Inventory Level Data Capture:** Trangle enabled SSCC scannable operations for all warehouses, automating the relevant data capture at the inventory level.



**Real-Time Maintenance of QC Status:** The implemented solution facilitated real-time maintenance of QC status, ensuring timely and accurate quality compliance.



**System-Assisted Decision Making:** System algorithms were applied to optimize multiple warehouse operations, reducing the reliance on manual processes.



**Real-Time Inventory Visibility and Traceability:** Real-time inventory visibility and instant retrieval capabilities were introduced to enhance traceability.



**Differentiated Expiry Maintenance:** Expiry maintenance was tailored differently based on customer type, improving operational efficiency.

## Results:



**End-to-End Data Tracking with SSCC:** The successful implementation of SSCC ensured comprehensive end-to-end data tracking.



**Reduced Manual Dependency:** By leveraging Trangle-enabled Infor WMS, the client significantly reduced their reliance on manual processes.



**Efficient Non-QC Compliant Product Identification:** Non-QC-compliant products were promptly identified and addressed in the market.



**Transition to Paperless Operations:** The optimized system allowed for a transition to paperless warehouse operations.



**Adherence to Stringent Quality Norms:** The implemented solution ensured strict adherence to quality norms throughout the supply chain.



**Improved Warehouse Operations:** The client successfully transitioned from individual operations to the pallet and ceased operations, streamlining their processes.



## Highlights:



**Trangile Enabled Infor WMS Implementation:** The Trangile enabled Infor WMS implementation effectively enhancing warehouse operations and QC compliance.



**Highly Integrated System with Real-Time Data Flow:** The implemented system exhibited high integration with multiple third-party applications, enabling near real-time data flow.



**Efficient QC Status Maintenance:** Maintenance of multiple QC statuses at the same SSCC level was achieved with minimal human interaction and zero errors.

## About Trangile

We are an ISO 9001:2015 certified Global Technology Transformation Company enabling your business with fast, value-driven, and holistic best-of-breed software & IT consulting. Our comprehensive suite of services enables businesses to leverage the expertise of our skilled professionals while reducing costs and increasing operational efficiency.

With our global reach, industry expertise, fast implementation, and value-driven approach, we are committed to enabling your business transformation journey & providing you with the software solutions and IT consulting services needed to thrive in today & competitive landscape.

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