

## Streamlining Inventory Management for a Cosmetics Client

### **Company Overview:**

Logistics Plus Inc., renowned for its strategic and efficient logistics solutions, specializes in warehousing, freight forwarding, and transportation services.

### **Project Background:**

A prominent cosmetics client required warehousing and enhanced inventory management to track and manage products based on their LOT#, BATCH#, and EXPIRY DATE to ensure product quality and compliance.

### **Objective:**

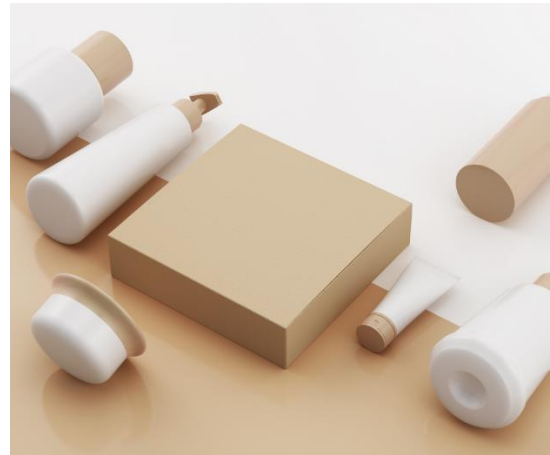
To optimize the inventory management system ensuring products are used and shipped based on their expiry dates, thereby minimizing waste and maximizing product usability.

### **Challenges:**

- Managing a diverse inventory with varying expiry dates.
- Ensuring compliance with health and safety regulations specific to cosmetics.
- Implementing an efficient system to handle the complexities of FIFO for products based on their expiry dates.

### **Solution:**

A comprehensive inventory management system was developed, focusing on meticulous tracking and strategic positioning of products to prioritize those nearing expiry.



## Detailed Improvements and Methodologies:

### 1. Enhanced Tracking System:

- Every product is scanned for LOT#, BATCH#, and EXPIRY DATE at both inbound and outbound stages, ensuring every item's status is accurately updated and traceable.

### 2. Strategic Palletization:

- Products are palletized such that those expiring sooner are placed at the top, while those with longer shelf lives are placed at the bottom. This arrangement facilitates easy access to products that need to be shipped out first, aligning with FIFO principles.

### 3. Automatic Reorder Notifications:

- The system automatically notifies the customer when products are nearing their expiry date. This proactive feature allows clients to prioritize the marketing and sale of products approaching expiry, thus reducing potential waste.

### 4. Expiry Management and Quarantine Procedures:

- Any expired products are immediately segregated and stored on specially marked "EXPIRED" pallets. These pallets are placed in a designated quarantine area of the warehouse, clearly separated from active inventory, ensuring no expired products are accidentally shipped.

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## Results:

The implementation of these inventory management strategies resulted in significant improvements in product turnover and compliance with industry-specific health and safety standards.

### Impact:

- Decreased product waste due.
- Increased customer satisfaction due to the enhanced reliability of product quality and compliance.
- Improved operational efficiency in inventory management, allowing for quicker picking and reduced errors during order fulfillment.

## Conclusion:

By integrating advanced tracking systems, strategic palletization, and proactive customer notifications into their inventory management processes, Logistics Plus has significantly enhanced the efficiency and effectiveness of managing the cosmetics client's products. This case study exemplifies how tailored logistics solutions can address specific industry challenges, ensuring product integrity and compliance while optimizing warehouse operations.

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