

Case Study

Enhancing Logistics Efficiency with Automated Inventory Solutions

Company Overview

A leading Third-Party Logistics (3PL) provider offering specialized solutions in warehouse management, inventory handling, and order fulfillment. With expertise across various industries, the company ensures seamless supply chain operations through efficient logistics solutions tailored to client needs. By leveraging cutting-edge technology, it optimizes inventory tracking, order processing, and distribution, minimizing errors and maximizing efficiency. The company provides multi-client warehousing solutions, integrating automation and data-driven strategies to enhance accuracy, improve warehouse productivity, and accelerate order fulfillment. Its commitment to innovation enables real-time stock visibility, streamlined operations, and superior customer service. Dedicated to operational excellence, the company focuses on precision, compliance, and adaptability to meet the evolving logistics landscape. Whether managing high-volume e-commerce shipments or complex distribution networks, it offers scalable and cost-effective solutions that drive business growth and customer satisfaction. By continually evolving, the company remains a trusted partner in optimizing supply chain performance and logistics management.

Implementation Partner

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Solution

3PL

Type

Private company

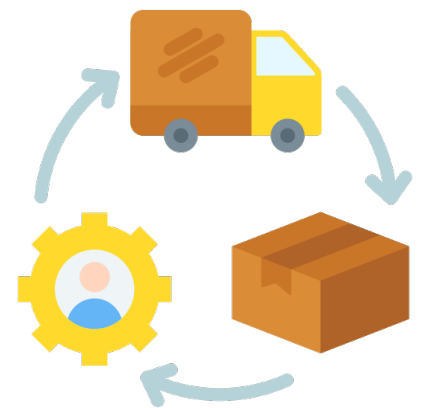
Industry

3PL

Business Challenges & Solutions

Managing a Third-Party Logistics (3PL) warehouse with manual processes led to significant inefficiencies. The company struggled with inventory tracking, order fulfillment, and warehouse organization, causing delays and inaccuracies. Without barcode scanning, serial number tracking, or inventory forecasting, stock control was time-consuming and error-prone.

Employees manually recorded stock levels, leading to miscounts and misplaced inventory. The lack of a centralized system made it difficult to manage multi-client inventory, track product movements, and optimize storage space efficiently. Another challenge was ensuring ease of use for warehouse staff. The company needed a user-friendly solution requiring minimal training, allowing employees to focus on fulfillment operations instead of learning complex software. Previously, they relied on paper-based documentation, which became impractical as the business scaled. Frequent errors in stock adjustments and inventory organization resulted in order delays and inconsistencies across warehouse locations.



Streamlined Solutions from Goods Order Inventory

Managing a 3PL warehouse with complex inventory tracking

To overcome this business challenge GOIS implemented a robust inventory tracking system that provided real-time visibility of stock levels, reducing errors and improving efficiency. The system supported seamless management of multiple clients' stock in a single warehouse by allowing inventory segregation based on ownership, storage conditions, and other critical factors. With automation, manual errors were reduced, picking and packing accuracy improved, and overall warehouse operations streamlined.

Implementing a streamlined inventory management system

GOIS introduced an automated inventory management system that ensured accurate tracking, optimized stock replenishment, and provided detailed reporting to enhance decision-making. Multiple Units of Measure (UOM) for diverse products

The system provided flexibility in handling inventory by supporting various units such as pieces, cases, and pallets, with automatic conversions to maintain accuracy in stock counts and transactions.

Enhancing the receiving and put-away process for efficiency

Automation of the receiving process through barcode scanning reduced miscounts and misplaced inventory. Smart put-away logic improved storage organization, minimizing retrieval times and maximizing warehouse space.

Organizing inventory through multiple bins and LOT management

The system enabled structured inventory storage through multiple bin locations, ensuring easy access and quick retrieval. LOT tracking maintained batch integrity, facilitating quality control and regulatory compliance.

Managing void and return orders in the sales module

The sales module was upgraded to handle void and return orders seamlessly, reducing processing time and improving customer satisfaction. Automated workflows enabled faster approvals and credit issuance for returned goods, enhancing operational efficiency and reducing revenue leakage.

Providing a customer portal with separate logins for individual clients

GOIS developed a dedicated customer portal, allowing individual clients to log in and track their inventory, orders, and shipments in real time. This self-service functionality improved transparency, reduced client inquiries, and enhanced customer trust in Maestro Logistics' services.

Ensuring compliance with CFR 11 regulations and validation processes

GOIS incorporated secure audit trails, electronic signatures, and user authentication protocols. The system maintained detailed logs of transactions and modifications, facilitating seamless validation processes and regulatory adherence.

Integrating FedEx for seamless shipping operations

GOIS integrated FedEx shipping services to automate label generation, shipment tracking, and delivery confirmation. This reduced manual data entry, minimized shipping errors, and expedited order fulfillment for Maestro Logistics and its clients.

Planning for QuickBooks Desktop integration in the future

GOIS designed its system to be compatible with QuickBooks Desktop for future integration, ensuring seamless synchronization of financial transactions. This would allow automated accounting entries for sales, inventory purchases, and returns, reducing manual bookkeeping efforts and improving financial accuracy.



Results

- ✓ **30% increase** in warehouse efficiency with improved inventory tracking.
- ✓ **Reduction in processing time** for receiving and put-away operations.
- ✓ **Enhanced customer experience** with self-service portals and real-time data access.
- ✓ **Regulatory compliance** with CFR 11 ensured a smooth audit process.
- ✓ **Seamless FedEx** integration reduced shipping delays and errors.

About Goods Order Inventory (GOIS)

Goods Order Inventory is a cloud-based inventory and order management system that centralizes all your business channels inventory management, order processing, barcode scanning, invoicing, tracking, and integration with popular platforms everything into one simple, easy-to-use piece of software. Goods Order Inventory integrates with different channels so you can do everything you need to run your business smarter and smoother from one single piece of software.

Interested in seeing how GOIS can streamline your 3PL inventory management and provide greater visibility across your supply chain?



Book a demo with us today!

Contact Us