Pork producer increases inventory accuracy and food safety with **Avery Dennison's RFID Pallet Tracking Solution**

A large North American pork producer supplying retail, foodservice, and food manufacturing customers was experiencing challenges with inventory management in its distribution center.

Products from more than 40 different departments were received through multiple entry points in the pork producer's distribution center, using an industry-standard process involving barcode scanning for inventory management. This system has its benefits, however, it relies on human interaction for scanning, which leaves room for error. When scans are missed, inventory accuracy suffers.

This was the challenge faced by the pork producer. In this case, when an item wasn't scanned at putaway, the pork producer lost visibility to the inventory. As a result, pallets of ham, sausage, premium tenderloin, and other pork

products were getting lost in the facility.

When a pallet went missing, individuals or teams of employees had to search the warehouse for the lost product. Since there was no scanned location data, the pork producer would have no idea where to start. It would often

take a long time to find the missing producing, leading to a rise in labor costs for recovery.

The pork producer needed a solution that automatically scanned incoming shipments and also helped them quickly cycle count and locate where the pallets were located once they entered the facility.

Avery Dennison RFID Pallet Tracking Solution

Avery Dennison worked with the pork producer to incorporate RFID technology into their pallet tracking system. RFID portals were installed at all warehouse entrances so inbound pallets were automatically logged in as they entered the building.

In addition to tracking inbound pallets, RFID pallet tracking systems were installed for inventory cycle counts and used in conjunction with mobile handheld readers to locate missing pallets. The implementation of this new system significantly reduced the time needed to perform a full cycle count, allowing for significant labor savings while driving inventory accuracy to 99%+.

Now, if a pallet is not scanned into location after being received in the warehouse, one employee can locate the missing product faster by using the "Geiger counter function" on the RFID readers. This means rather than a time-consuming blind search, the device beeps with increased frequency as the user gets closer to the missing pallet.

Increased Accuracy, Improved Productivity and Food Safety

By adopting RFID technology, the pork producer was able to limit employee error and increase the accuracy of warehouse inventory. This significantly reduced the labor hours necessary to find lost products and decreased the risk of inventory loss due to expiration. The installation of the Avery Dennison RFID Pallet Tracking Solutions provided significant savings and is projected by the pork producer to provide a four-month return on investment.

Avery Dennison can help

Determining the right solution for your foodservice environment begins with a Freshmarx Freshtrax Analysis. Freshtrax is a complimentary analysis program where our consultants review your operations and identify process improvements.

Our experts partner with you to examine each step of your everyday processes and operations and work with you to create a plan to:

- Increase labor efficiency
- Improve inventory management
- Enable traceability and transparency
- Ensure food safety
- Create processes that promote sustainability
- Enhance consumer experience

About Avery Dennison Freshmarx Solutions

Avery Dennison® Freshmarx® Intelligent Food Industry Solutions combine IoT devices, applications, labels, and service to digitize and automate data to help solve challenges experienced throughout the food supply chain, enabling food safety, labor efficiency, traceability, and enhancing the consumer experience, from source to consumer.

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To request a Freshtrax analysis or for more information, email: printersolutions@averydennison.com or call: 800.543.6650, prompt 3