Inventory Expiration Management

Redefining how perishable goods are managed

Overview

Sensormatic's Inventory Expiration Management solution addresses the challenges of managing perishable inventories and time-sensitive consumer goods, helping businesses effectively track products to stay ahead of product expiration. By leveraging electronic product code (EPC) encoded radio frequency identification (RFID) labels, businesses can seamlessly monitor product lifecycles at every stage of the supply chain. This approach not only helps ensures regulatory compliance but also enhances operational visibility, optimizes inventory management strategies, and improves overall efficiency.

Loss Prevention | Traffic Insights | **Inventory Intelligence**

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Reducing Perishable Loss

Globally, significant amounts of perishable inventory are lost each year due to product expiration, with the Health, Beauty, and Cosmetics (HBC), Grocery, and Pharmaceutical retail verticals being especially impacted.

These losses often result from reliance on manual or outdated inventory management systems, such as barcode scanning, which may not effectively support inventory expiration management. RFID technology modernizes and streamlines these processes by addressing the limitations of traditional tracking methods.

Retailer Needs

- Intelligent, automated solutions
- Accurate tracking and management of expiration-sensitive inventory
- Mitigation of expiration-related tasks

Retailer Values

RFID-enabled expiration management offers retailers a comprehensive solution for optimizing inventory control, reducing waste, and streamlining operations by minimizing labor costs and human error. Efficient expiration date management supports regulatory compliance, mitigates legal risks, and enables revenue generation through timely promotions or markdowns for expiring items.

By leveraging RFID technology, businesses gain deeper insights into product lifecycles and consumer trends, empowering smarter purchasing, restocking, and targeted promotions.

Altogether, this integrated approach not only improves operational efficiency and sustainability but also helps ensure fresher products remain on shelves, enhancing the overall satisfaction of consumers.

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How it Works

Each item is equipped with a RFID label linked to critical expiration data, ensuring complete traceability throughout the supply chain. RFID readers instantly capture and organize item-level information, making it easy to identify products that are expired or nearing expiration.

By applying First Expired, First Out (FEFO) inventory logic, businesses can prioritize products with the earliest expiration dates for sale or use, ensuring fresher stock remains available longer. This approach strengthens replenishment planning, reduces waste, and protects product quality. Items that have expired are promptly removed, while those nearing expiration can be repositioned for markdown or promotional sales, maximizing recovery and minimizing potential losses.

Real-time notifications and intuitive dashboards further empower teams to proactively manage inventory. By tracking lot numbers, batch numbers, and manufacturing dates, teams can address potential expiration issues before they affect operations, ensuring that customers consistently receive fresh and high-quality products.

Core Solution Values

Minimize Waste
Reduce waste by ensuring products are sold or used before their expiration date

Optimize Inventory Control
Enables better inventory control by prioritizing near-expiry sales, optimizing stock, and minimizing overstock risks

Enhance Customer Satisfaction
Ensures that customers receive fresh products, leading to positive brand perception

Risk Mitigation
Minimizes legal risks, lawsuits, and reputation damage from non-compliance

Revenue Generation
Strategic sales tactics like bundling, discounts, or promotions for expiring items can boost business revenue

Offering Details

Product Code: TVC-EXD-ADD

Description: TrueVUE Cloud Expiry Date Add-on

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At Johnson Controls (NYSE:JCI), we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

Building on a proud history of 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, Johnson Controls offers the world`s largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.

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About Sensormatic Solutions:

Sensormatic Solutions, the leading global retail solutions portfolio of Johnson Controls, powers safe, secure and seamless retail experiences. For more than 60 years, the brand has been at the forefront of the industry's fast-moving technology adoption, redefining retail operations on a global scale and turning insights into actions. Sensormatic Solutions delivers an interconnected ecosystem of loss prevention, inventory intelligence and traffic insight solutions, along with our services and partners to enable retailers worldwide to innovate and elevate with precision, connecting data-driven outcomes that shape retail's future. Please visit Sensormatic Solutions or follow us on LinkedIn, X and our YouTube channel.

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