

B R O C H U R E

Inventory Expiration Management

Redefining how perishable goods are managed



Overview

Sensormatic's Inventory Expiration Management solution addresses the challenges of managing perishable stock and time-sensitive consumer goods, helping businesses to track products effectively in order to stay ahead of product expiry dates. 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 to ensure regulatory compliance, but also enhances operational visibility, optimises stock management strategies and improves overall efficiency.

Reducing Perishable Loss

Globally, significant amounts of perishable stock are lost each year due to product expiry, with a significant impact on the Health, Beauty and Cosmetics (HBC), Grocery and Pharmaceutical retail verticals in particular.

These losses often result from reliance on manual or outdated stock management systems, such as barcode scanning, which may not effectively support stock expiry management.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

Retailer Needs

- Intelligent, automated solutions
- Accurate tracking and management of expiry-sensitive stock
- Mitigation of expiry-related tasks

Retailer Values

RFID-enabled expiry management offers retailers a comprehensive solution for optimising inventory control, reducing waste and streamlining operations by minimising labour costs and human error. Efficient expiry date management supports regulatory compliance, mitigates legal risks and enables revenue generation through timely promotions or price reductions for expiring items.

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

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





How it Works

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

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

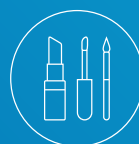
Real-time notifications and intuitive dashboards further empower teams to proactively manage stock. By tracking lot numbers, batch numbers and manufacturing dates, teams can address potential expiry issues before they affect operations, ensuring that customers consistently receive fresh and high-quality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

Core Solution Values



Minimise Waste

Reduce waste by ensuring products are sold or used before their expiry date



Optimise Inventory Control

Enables better inventory control by prioritising near-expiry sales, optimising stock and minimising overstock risks



Enhance Customer Satisfaction

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



Risk Mitigation

Minimises legal risks, lawsuits and reputation damage resulting from non-compliance



Revenue Generation

Strategic sales tactics such as 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



About Johnson Controls:

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 centres, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Johnson Controls currently 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 the future of retail. Please visit [Sensormatic Solutions](https://www.sensormatic.com) or follow us on LinkedIn, X and our YouTube channel.



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