STOP EXPIRY LOSSES
WITH INVENTORY EXPIRY ANALYTICS
AN INVENTORY EXPIRY MODULE FOR SAP BUSINESS ONE

EXP

INVENTORY

QuickStart
SOLUTION FOR SAP BUSINESS ONE

INVENTORY EXPIRY ANALYTICS

An Inventory Expiry Module for SAP Business One

Inventory expiry is a persistent and expensive operational problem for organizations that manage perishable or time-sensitive goods. When expiry tracking depends on primitive SAP reports and manual effort, teams are forced into reactive decision-making - often discovering risk too late, after inventory has already expired.

The **Inventory Expiry Analytics** is a module in QuickStart Solution for SAP Business One that helps teams track expiring inventory without manual reporting. Expiry dates are tied to a calendar structure so users can analyze risk by year, quarter, or month, then drill into warehouse, supplier, item family, or item to pinpoint exposure.

The result is **clearer visibility, faster prioritization,** and **fewer expiry-related write-offs.**

This module transforms expiry reporting from a static look-back activity into an operational control system - supporting proactive interventions that reduce write-offs, protect margin, and improve inventory governance.

The Business Challenge: Inefficient Expiry Management

Many SAP Business One teams face the same obstacles when trying to manage expiring inventory effectively:

Primitive Expiry Reporting
Standard reports are limited in flexibility and often require multiple steps to interpret.

Manual Work and Spreadsheet Dependency
Expiry reporting becomes a manual process, increasing effort and risk of error.
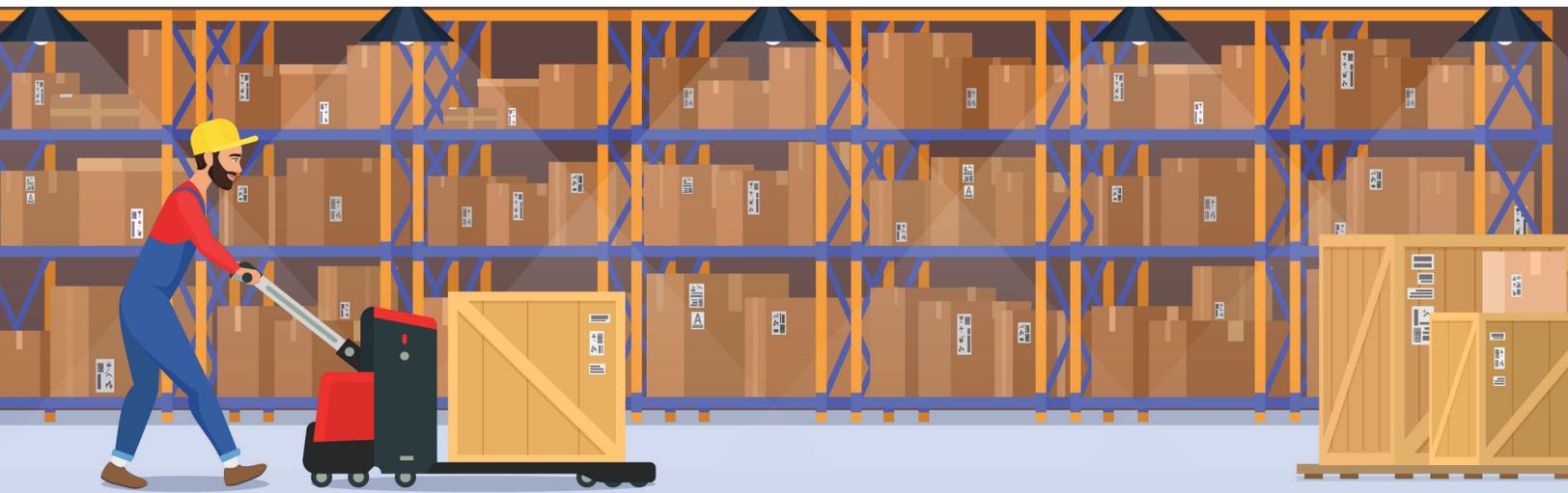
Delayed Visibility
Teams miss the opportunity to act while inventory is still saleable.

Direct Financial Loss
Expired inventory becomes a write-off (example: $27,000 expired in a single month).

Why it gets worse over time?

As SKU counts grow and multiple warehouses and suppliers are involved, expiry risk compounds - especially when teams cannot quickly answer what is expiring, where it sits, and what it is worth.

The Solution: Inventory Expiry Analytics in QuickStart

Inventory Expiry Analytics adds a purpose-built expiry dataset inside QuickStart, bringing expiry information into one place so teams can analyze risk without manual reports or spreadsheets.

- **Real-Time Expiry Data:** See expiring inventory without relying on manual, outdated reports.

- **Calendar Integration:** View expiries by year, quarter, or month using a built-in calendar.

- **Inventory Value at Risk:** See how much inventory value is at risk of expiring (for example, $65K in Dec 2025 and $220K in Jan 2026).

- **Drill-Down Capabilities:** Break results down by warehouse, supplier, or item family to find what is driving the risk.

- **Status Filters:** Separate inventory by status, such as quarantined or blocked, to focus on what needs action.

Key Metrics

This module focuses on clear operational and financial measures:

Lot Quantity
Number of units per lot.
(Shows how much stock is at risk)

Lot Value (Lot$)
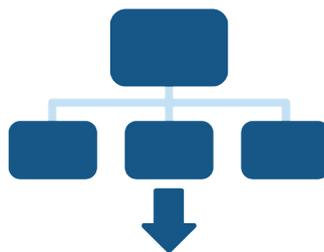Lot Quantity × Average Item Price
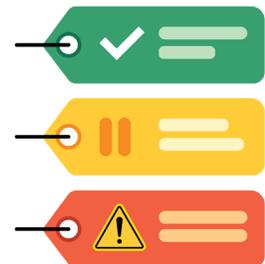**(Shows how much money is at risk and supports prioritization)**

Analysis Capabilities

- **Time-Based Analysis:** filter expiry risk using calendar year, quarter, and month for consistent trend reporting and operational reviews.

- **Granular Drill-Downs:** for root cause and action: slice and dice by warehouse, supplier, item family, and item - aligned to how teams actually manage inventory.

- **Quality Status Segmentation:** segment by quality status (e.g., quarantined, blocked, or active inventory) to distinguish saleable inventory from inventory requiring remediation before expiry.

Inventory Expiry Analytics makes it easy to understand expiry risk at a glance, then dig into the details to take action. You can review trends over time, pinpoint where the risk is coming from, and separate inventory you can sell from inventory that needs attention first.

The images below show how Inventory Expiry Analytics highlights what's expiring and lets you drill from a high-level summary down to specific items and lots.

Figure 1 - Operational Drill-Down (Item Family to Item)

Calendar Year	Calendar Quarter	Calendar Month	Item Family	Item Description	On Hand Qty	On Order Qty	Commited Qty	Lot Qty	Lot $
2026	Quarter 1	January 2026	Curries	Can Green Curry Ready to Eat	855	0	37	235	$4,459
				Can Red Curry Ready to Eat	420	0	0	14	$675
			Curries - Summary		**1,275**	**0**	**37**	**249**	**$5,134**
			Desserts	Tapioca Pearl Small	602	904	54	154	$3,092
			Desserts - Summary		**602**	**904**	**54**	**154**	**$3,092**
			Fish Sauces	Fish Sauce Plastic Bottle 4500 ml	374	216	16	42	$1,045
			Fish Sauces - Summary		**374**	**216**	**16**	**42**	**$1,045**
			Instant Noodle Bowls	Cup Instant Noodle Mi goreng Original	13,179	750	2,015	9	$100
			Instant Noodle Bowls - Summary		**13,179**	**750**	**2,015**	**9**	**$100**
			Instant Noodles Bags	Instant Noodles Mi goreng Hot Spicy Pedas (5 PACK)	21,747	72,148	23,208	140	$1,806
				Instant Noodles Pork - 5 pack	8,360	960	241	1	$10
			Instant Noodles Bags - Summary		**30,107**	**73,108**	**23,449**	**141**	**$1,816**
			Pickled/Preserved	Salted Carp Fish Mam Ca Linh	52	0	0	4	$321
			Pickled/Preserved - Summary		**52**	**0**	**0**	**4**	**$321**
			Rice Paper	Rice Paper 22cm (Coco Tree 340g)	259	0	0	3	$165
				Rice Paper 22cm (Coco Tree 340g) - Repack	1,595	0	0	104	$3,251
			Rice Paper - Summary		**1,854**	**0**	**0**	**107**	**$3,416**
			Seasoning Mixes	Pork Cubes HK - RE-PACK	3,024	14,280	1,217	141	$5,550
			Seasoning Mixes - Summary		**3,024**	**14,280**	**1,217**	**141**	**$5,550**
			Seasoning Sauces	Chili Sauce - Extra Hot	242	0	0	3	$68
			Seasoning Sauces - Summary		**242**	**0**	**0**	**3**	**$68**
			Seaweed Snacks	Crispy Seaweed Hot & Spicy	3,307	825	520	12	$160
			Seaweed Snacks - Summary		**3,307**	**825**	**520**	**12**	**$160**
			Soy Sauces	Chilli Garlic Sauce 450ml	289	0	0	289	$5,971
			Soy Sauces - Summary		**289**	**0**	**0**	**289**	**$5,971**
		January 2026 - Summary			**54,305**	**90,083**	**27,308**	**1,151**	**$26,672**

Lets you start at a product group (Item Family) and drill down to specific items to see what's driving expiry risk, where the stock is located, and how much it's worth.

Figure 2 - Item Warehouse Lot Model Structure

- ▽ ⊞ Item Warehouse Lot
  - abc Warehouse
  - abc Lot #
  - abc Supplier Name
  - 🕐 Effective Expiry Date
  - abc Quality Status
  - # LUID
  - ▽ 🗀 Measures
    - 📊 Average Price
    - 📊 Lot Qty
    - 📊 Lot $
  - ▽ 🗀 Codes
    - # Date Code
    - abc Item #
    - abc Warehouse Code
    - abc Supplier Code
    - 🕐 Load Date

This is the QuickStart data model that organizes expiry information by item, warehouse, and lot. It lets you filter by month, quarter, or year, drill into warehouse, supplier, and item family, and see the dollar value of inventory at risk.

Figure 3- Expiry Risk by Time Period (Month/Quarter/Year)

Calendar Year	Calendar Quarter	Calendar Month	Lot Qty	Lot $
2026	Quarter 1	January 2026	1,151	$26,672
		February 2026	3,055	$77,210
		March 2026	1,391	$55,051
	Quarter 2	April 2026	7,838	$291,375
		May 2026	20,260	$378,783
		June 2026	51,166	$852,731
	Quarter 3	July 2026	46,549	$691,189
		August 2026	31,649	$556,163
		September 2026	60,524	$865,093
	Quarter 4	October 2026	53,922	$801,412
		November 2026	19,340	$377,808
		December 2026	14,583	$415,314
2026 - Summary			**311,428**	**$5,388,802**

Shows expiring inventory by month and quarter, including how many units are at risk (Lot Quantity) and the total dollar value at risk (Lot $), so teams can quickly see what needs attention first.

Business Impact

Bringing expiry tracking into QuickStart turns it from a manual, reactive task into something teams can manage consistently. The result is fewer surprises, less wasted time, and better control over expiry risk.

- **Reduced Revenue Loss:** Seeing expiry risk earlier helps teams act before stock expires.

- **Operational Efficiency:** Reduces spreadsheets and repetitive reporting, so teams can focus on higher-value work.

- **Proactive Decision-Making:** Filters and alerts help teams intervene sooner, not after the loss happens.

- **Stronger Governance:** Creates a consistent, trackable way to monitor expiry and document actions over time.

Future Enhancements

This module is already a big step forward, and we have a clear path to make it even more proactive. Future updates will help teams spot risk sooner and take action before inventory expires.

Relative Time Filters
Add filters for "next 30/60/90 days"
Quick filters to show what is expiring soon, so nothing gets missed.

Automated Alerts
Notifications sent to the right people when expiry dates are approaching or risk crosses a threshold.

AI Integration
Future AI-based analysis could highlight patterns and emerging expiry risks before they turn into write-offs.

Turning Insight Into Action

Inventory Expiry Analytics helps **SAP Business One teams** stay ahead of expiry risk instead of reacting after the fact. By bringing **expiry tracking** into **QuickStart Solution for SAP Business One**, organizations get clear visibility into what is expiring, where it is held, and how much value is at risk. Teams can review trends over time, drill into the details, and prioritize action before inventory becomes a write-off.

The result is simple: less manual reporting, fewer surprises, and stronger control over inventory that impacts revenue.

Inventory Expiry Analytics
Now available in QuickStart Solution for SAP Business One!