

TRANSACTION ANALYTICS

Secure Inventory

Find the red flags with data.

Secure Inventory enhances EBR by extending loss detection beyond checkout—identifying theft and fraud before products reach the register and after returns. Uncover stockroom theft, falsified damages, shrink manipulation, shipment errors, unpaid vendor credits, and more for a complete loss prevention strategy.

The Challenge

Traditional inventory systems track product locations but miss where losses occur. Designed for supply chain efficiency, they ensure product flow but overlook theft, fraud, and operational risks. That's where Appriss Retail steps in—providing the insights needed to detect and prevent loss.

The Solution

Secure Inventory bridges the gap left by traditional inventory management systems. It automates anomaly detection, enabling retailers to proactively address fraud, theft, and operational challenges before products reach checkout—directly impacting the bottom line. Without it, teams must manually sift through massive data sets, hoping to spot patterns. Secure Inventory leverages advanced AI and anomaly detection algorithms to instantly identify suspicious inventory records, delivering faster, more accurate results.

Uncover issues like:

- 1. Excessive waste/damaged goods:** Could indicate poor product quality, theft, or fraud (e.g., falsely marking items as damaged to remove them).
- 2. Adjustment anomalies:** May be a sign of shrink manipulation, theft, or fraud through improper adjustments.
- 3. Inventory growth:** Could result from stockroom theft, shipping discrepancies, or return fraud (e.g., fake returns inflating inventory levels).
- 4. Vendor issues:** Includes overstocking, understocking, promotional manipulation (e.g., unauthorized discounts), or missing vendor credits.



Secure Inventory enhances Secure EBR by integrating an inventory data feed, giving you deeper visibility into stock discrepancies.

BENEFIT:

By identifying anomalies within your inventory data and linking them with exception-based reporting insights, you can quickly detect fraud, theft, and operational inefficiencies—enabling faster, more informed action.

Get even more insight into your business from Secure with Secure Inventory

- ◆ **Warehouse Shipments (BOL):** Identify products that don't arrive as expected, helping ensure inventory accuracy.
- ◆ **Vendor Direct to Store Data:** Detect over-shipments, under-shipments, and potential vendor manipulation, improving supply chain transparency.
- ◆ **Store Transfers:** Identify products that go missing during transfers, highlighting shipping and inventory issues.
- ◆ **Consumer Returns:** Pinpoint return fraud, missing returned merchandise, and excess inventory, ensuring proper handling of returns.
- ◆ **Adjustments:** Detect adjustment manipulation, return fraud, and back-of-room theft to maintain accurate inventory and financial integrity.
- ◆ **POS:** Correlate transaction data to support exception-based reporting (EBR) findings, improving loss prevention efforts.
- ◆ **Theft Data:** Correlate theft incidents with missing inventory to validate theft occurrences and identify patterns.
- ◆ **Return to Vendor Data:** Identify missing store credits and waste/damaged merchandise, ensuring accurate vendor return management and financial reconciliation.

Identifying the Sources of Shrink and Loss



How Secure Inventory Works

The solution module uses advanced exception-based reporting and data monitoring to help you address real problems within your organization.

1. Login to the Work View and see the automatically generated instances of unusual inventory movement (or lack thereof).
2. Compare movement and performance charts to similar products and similar stores.
3. Examine information by drilling down to specific events.
4. Information gained can be stored in Investigations where it is easily accessed, categorized, and reviewed. Any in-person reviews of the situation can also be added.
5. When the problem is fixed, the resolution is recorded in the system. If no improvements can be made (for example, if the cause was outside store control), the exception can be abandoned again using a reason code. The feedback is incorporated into Secure's closed-loop decision system.



Unlock In-Store Inventory Visibility

Why do items end up being clearanced, wasted, returned to the vendor, or lost to shrink? Secure Inventory uses artificial intelligence to help stores achieve higher revenue from the inventory on hand, avoid waste, and demystify shrink.



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Our commitment to data privacy and security is embedded in every part of our business.

For detailed technical information, visit: docs.apprissretailcloud.com

For detailed infosec information, visit: trustportal.apprissretail.com

Appriss Retail helps retailers protect themselves against fraud and abuse across all transaction channels. With more than 20 years of retail data science expertise and experience, we've built a robust omnichannel intelligence platform that is trusted by over 60 of the top 100 U.S. retailers, covering 40 percent of all U.S. omnichannel sales. Globally, Appriss Retail reaches 45 countries across six continents. The company provides relevant and actionable intelligence to retailer's operations, finance, marketing, and loss prevention teams. Appriss Retail's performance-improvement solutions yield measurable results with a significant return on investment. For more information about Appriss Retail, visit apprissretail.com or our [LinkedIn page](#).

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