

Revolutionizing Supply Chain Precision: RFID Inventory Management with Asset Infinity in an FMCG Powerhouse

CLIENT PROFILE

A prominent Fast-Moving Consumer Goods (FMCG) company, with a wide range of products and a global distribution network, faced challenges in efficiently managing its inventory. Traditional methods led to inaccuracies, stock discrepancies, and delays in replenishment, affecting overall operational efficiency.

CHALLENGE

The company's main challenges were:

- Inaccurate inventory tracking leading to stock mismatches.
- Time-consuming manual inventory audits.
- Inefficiencies in warehouse operations.
- Delays in product replenishment impacting supply chain reliability.

HOW ASSET INFINITY RESOLVED THE CLIENT'S PROBLEMS

SOLUTION

The client implemented Asset Infinity's Modules, tailored to address their problems in a diverse conglomerate.





SOLUTION

Key components of the solution were:

RFID-Enabled Inventory

Tracking: Implementing RFID tags on products for real-time inventory tracking.

Why: To gain accurate, real-time visibility of stock levels and reduce manual counting errors.

Automated Inventory Audits:

Using RFID technology for quick and accurate inventory audits.

Why: To streamline inventory audits, saving time and resources.

Warehouse Management
Optimization: Integrating RFID
data with warehouse
management systems.
Why: To enhance warehouse
operations by automating stock
placement and retrieval
processes.

Real-Time Replenishment Alerts:

Setting up automated alerts for low stock levels.

Why: To ensure timely replenishment and maintain continuous supply chain flow.



IMPLEMENTATION PROCESS

The deployment strategy included:

- Equipping all products and warehouses with RFID technology.
- Training staff on the new system and its benefits.
- Integrating RFID data with existing supply chain management systems.
- Gradual scaling up from pilot testing in a single warehouse to company-wide implementation.

SUMMARY OF BENEFITS

Post-implementation, the FMCG company noted:

- A 50% reduction in stock discrepancies.
- Inventory audit times reduced by 70%.
- Improved warehouse efficiency by 30%, with faster stock placement and retrieval.
- Enhanced supply chain reliability due to timely replenishment and reduced stockouts.

CONCLUSION

The adoption of RFID-based inventory management through Asset Infinity revolutionized the FMCG company's inventory processes.

It enabled precise tracking, efficient warehouse management, and timely stock replenishment.

This case study underscores the transformative impact of advanced technology like RFID in inventory management, particularly in the dynamic and fast-paced FMCG sector.









