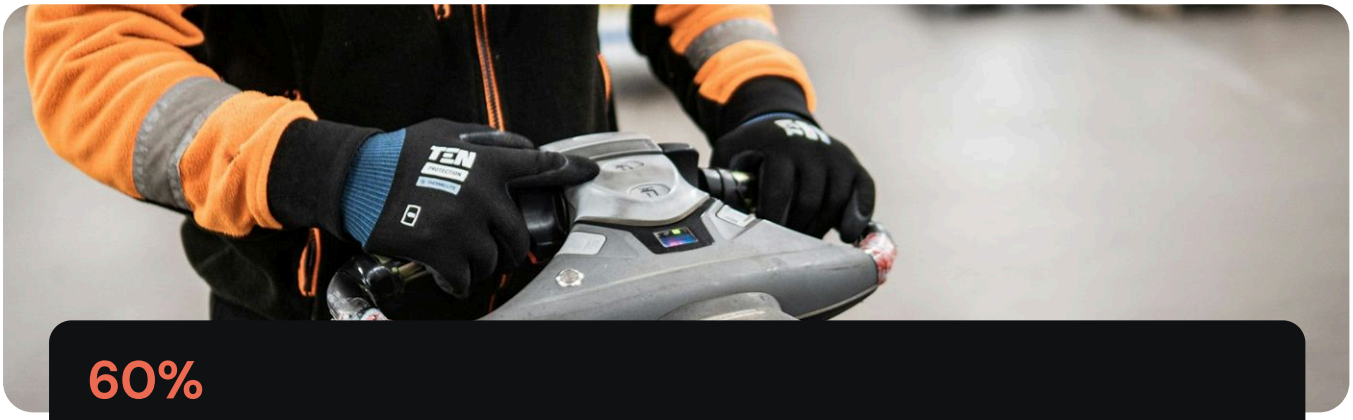
FMCG & Food · Global

An FMCG company cut warehouse check-in and check-out time by 60% with RFID

A fast-moving consumer goods company tagged its goods with RFID and put readers at warehouse doors, so every movement is recorded without manual entry and stock records stay current.



60%
less time spent on warehouse check-in and check-out

AT A GLANCE

INDUSTRY
Fast-moving consumer goods

OPERATION
Large, busy warehouses

TRACKING
RFID tags and door readers

PREVIOUSLY
Manual check-in and check-out

FEATURES USED
Connected · Stores · Insight

01 The client

The client is a fast-moving consumer goods company that keeps a large and constantly changing inventory in its warehouses.

Goods arrive and leave all day. Every movement had to be checked in or out by hand and typed into the records, and the warehouse team spent a large part of its time on that paperwork.

02 The challenge

Manual check-in and check-out was slow and full of data-entry errors. Records were updated late, so the stock on paper rarely matched the stock on the shelves.

- Manual check-in and check-out was slow and prone to mistakes.
- Inventory records were updated late, which caused discrepancies.
- No way to follow the movement of goods inside the warehouse as it happened.
- Labor cost and time spent on inventory handling kept rising.

03 What they set up in Asset Infinity

The company tagged its goods with RFID, installed readers at warehouse entry and exit points, and recorded every movement in Asset Infinity.

Connected

RFID tags on goods

Each item carries an RFID tag, so it is identified automatically, without a person scanning or typing a code.

Connected

Readers at entry and exit

Fixed RFID readers at the warehouse doors record each tagged item as it passes, so check-in and check-out happen without manual steps.

Stores

Current stock records

Stock levels are kept in one place, and reorder advice flags items running low before they run out.

Insight

Automated reports

Scheduled reports on stock levels and movements go to the warehouse and planning teams, helping avoid both overstocking and stockouts.

04 How it works day to day

This is what a day in the warehouse looks like now.

WAREHOUSE STAFF

Tag incoming goods

Goods carry an RFID tag linked to their record, so they can be identified anywhere in the warehouse without scanning by hand.

SYSTEM

Records goods coming in

As goods pass the RFID reader at the entry, the move is recorded with the time and the door it came through.

SYSTEM

Records goods going out

The reader at the exit records each tagged item as it leaves, so no one has to fill in a check-out sheet.

WAREHOUSE SUPERVISOR

Checks movements

The supervisor sees what came in and went out during the shift, and follows up on anything unexpected.

STOREKEEPER

Acts on low stock

Reorder advice flags items below their reorder point, so replenishment starts before a stockout.

PLANNING TEAM

Gets the reports

Scheduled reports on stock levels and movements arrive automatically, so planning works from current numbers.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Check-in and check-out	Manual and slow	Recorded by RFID readers at the doors, 60% less time
Data entry	Typed by hand, with errors	Tags read automatically
Inventory records	Updated late	Updated as goods move
Discrepancies	Frequent	Significantly fewer
Movement of goods	Not visible as it happened	Recorded at every entry and exit
Labor	Rising time and cost on inventory handling	Lower manual handling costs

06 How it rolled out

1

Tags and readers installed. Products were tagged and RFID readers were fitted at every warehouse entry and exit point.

2

Staff trained. Warehouse staff learned the new way of checking goods in and out.

3

Pilot first. A pilot phase tested and tuned the process before the full rollout.

07 The results

- Significant decrease in inventory discrepancies.
- Real-time view of inventory movement, leading to better warehouse management.
- Lower labor costs for manual inventory handling.

08 Why it worked

No manual step at the door

Readers record goods as they pass, so the busiest part of the day no longer depends on someone writing it down.

Tested before scaling

A pilot phase let the team tune the setup before every door and product was moved to RFID.

Records people can trust

Because movements are recorded as they happen, stock reports match what is on the warehouse floor today.

09 Looking ahead

By letting RFID readers record goods at the door, the FMCG company removed most of the manual work from check-in and check-out and cut the errors that came with it.

With movements recorded as they happen, the warehouse team works from stock records it can trust, and planning decisions start from current numbers.

See it on your own assets

A 30-minute demo, set up for an FMCG or warehouse operations team.

The client's name is withheld for confidentiality. Results are as reported by the client.

Book a demo

Start a 14-day free trial