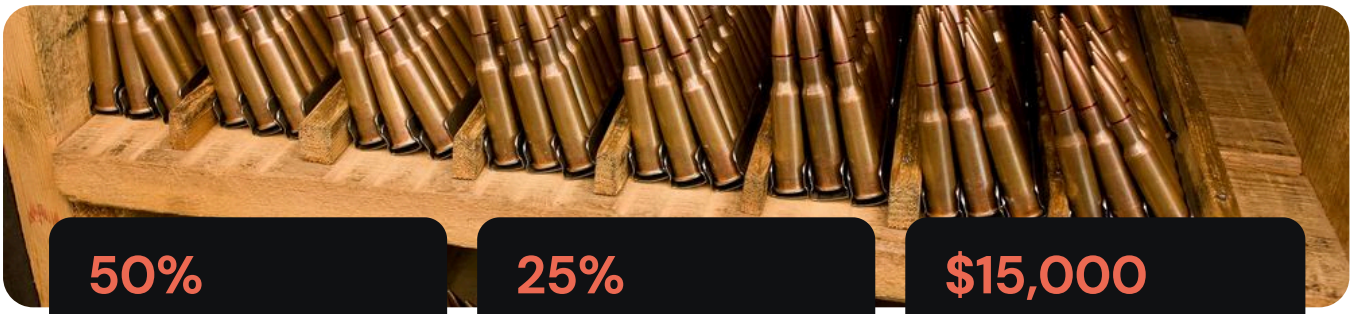
Government & Public Sector | Global

A high-security weapons warehouse cut audit preparation time by 50% with RFID tracking

A warehouse storing weapons and ammunition for military and law enforcement agencies tagged every item with RFID and tied each issue to a named person, improving security, accountability and audit readiness.



50%
less time preparing for audits

25%
decrease in weapon loss or theft

$15,000
monthly saving in manual inventory labor

AT A GLANCE

INDUSTRY
High-security storage

SERVES
Military and law enforcement agencies

HOLDS
Weapons and ammunition

PREVIOUSLY
Manual inventory

FEATURES USED
Connected | Assets | Insight

01 The client

The client is a high-security warehouse that stores weapons and ammunition for military and law enforcement agencies.

Every item must be accounted for at all times, and every issue must be traceable to the person who received it. Regulators expect complete, accurate records of inventory, movements and assignments.

02 The challenge

Inventory was managed by hand. Counts were slow and error-prone, and without a current view of where each item was, the warehouse faced security risks and inventory discrepancies.

- Manual inventory processes were slow and prone to errors.
- No real-time visibility of weapons in the warehouse.
- Risk of security breaches and inventory discrepancies.
- Weak links between each weapon and the person responsible for it.
- Audit preparation took a long time.

03 What they set up in Asset Infinity

The warehouse tagged every weapon and ammunition box with RFID, recorded all of it in Asset Infinity, and introduced a strict issuing protocol.

Connected

RFID tags and readers

Each weapon and ammunition box carries an RFID tag with a unique code, and readers placed throughout the warehouse record items as they move.

Assets

Issue to a named person

Every weapon is checked out to a specific person and checked back in, building a detailed issue record for each item.

Assets

Fast inventory audits

Verification rounds with handheld readers mark each item verified, moved, not found or damaged, replacing slow manual counts.

Insight

Records for compliance

Reports on inventory, movements and assignments give regulators accurate records and show items not yet returned.

04 How it works day to day

Here is how weapons are tracked and issued in the warehouse now.

ARMORY OFFICER

Issues a weapon
The weapon is checked out to a named person in the system, creating an issue record with the time and the person responsible.

SYSTEM

Records the movement
RFID readers record the tagged weapon as it passes, so the record shows where it went and when.

ARMORY OFFICER

Receives it back
On return, the weapon is checked back in against the same person, closing the issue record.

WAREHOUSE MANAGER

Watches open issues
Reports show which weapons are still out and with whom, so overdue items are followed up quickly.

AUDITOR

Runs a verification round
With a handheld reader, the auditor reads tags shelf by shelf and marks each item verified, moved, not found or damaged.

COMPLIANCE OFFICER

Prepares for inspection
Records of inventory, movements and assignments come straight from the system for regulators, with a full audit trail.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Inventory audits	Manual counts, slow and error-prone	RFID verification rounds, 40% less time
Visibility	No real-time view of weapons	Movements recorded by RFID readers
Accountability	Weak link to the person responsible	Every issue tied to a named person
Loss and theft	Security risk	25% fewer cases
Audit preparation	Long and manual	50% less time
Labor	Manual inventory work	$15,000 saved per month

06 How it rolled out

1

Items tagged. Each weapon and ammunition box was fitted with an RFID tag carrying a unique code.

2

Readers installed. RFID readers and antennas were placed throughout the warehouse and connected to Asset Infinity.

3

Staff trained, protocol set. Staff were trained on the system and handheld readers, and a strict issuing protocol was put in place.

07 The results

40% less time required for inventory audits

30% fewer unauthorized access incidents within the first three months

20% fewer mishandling incidents

35% improvement in compliance with weapon-handling regulations

15% lower compliance-related costs, including fines and penalties

08 Why it worked

Accountability by design

Linking every issue to a named person discouraged mishandling and made any discrepancy traceable at once.

Counting by reading tags

RFID turned inventory audits from item-by-item checks into scanning rounds, which saved both time and labor.

Records regulators trust

Complete histories of inventory, movement and assignment made compliance easier to prove and cheaper to maintain.

09 Looking ahead

By combining RFID tracking with a strict issuing protocol, the warehouse knows where every weapon is and who holds it, and it can prove both to regulators.

Audits that once meant counting by hand are now scanning rounds, and the labor saved each month adds up to a significant annual saving.

See it on your own assets

A 30-minute demo, set up for a high-security store or armory.

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

Book a demo

Start a 14-day free trial