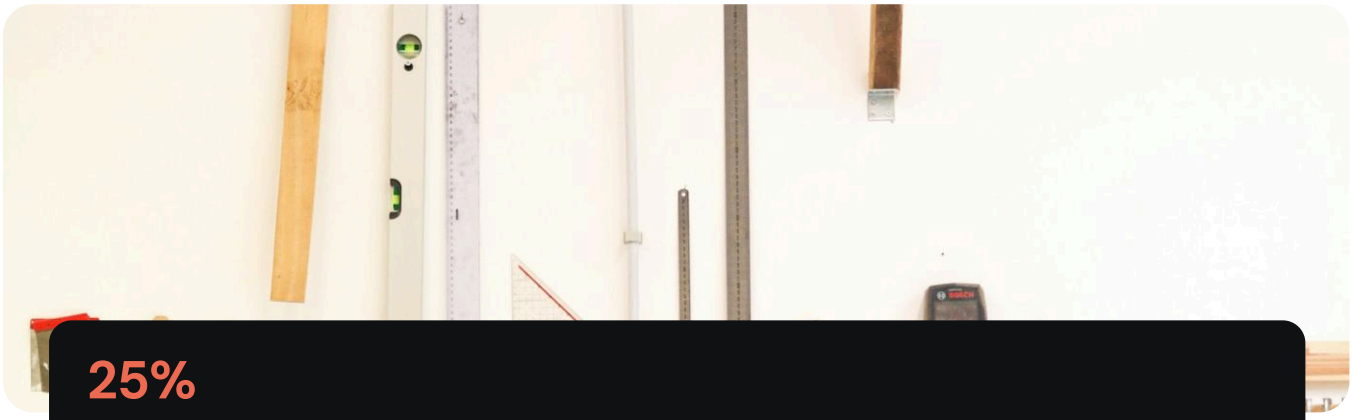
Construction · UAE

A UAE contractor cut tool and equipment loss by 25% with site tool room check-out

A UAE construction firm labeled its power tools, survey instruments and portable equipment, checked them out to named foremen, and recorded every transfer between project sites.



25%
less tool and equipment loss

AT A GLANCE

INDUSTRY
Construction · infrastructure

REGION
UAE

SITES
Many active infrastructure projects

PREVIOUSLY
Handwritten tool room logs

FEATURES USED
Assets

01 The client

The client is a large construction company in the UAE working on infrastructure projects, with many sites active at the same time.

Each site runs a tool room holding power tools, laser levels, survey instruments, welding sets, portable generators and lighting towers. Crews borrow them daily, and equipment often moves to another project when a phase finishes.

02 The challenge

Tool rooms kept handwritten logs, and equipment moved between sites without a record. Items went missing, others sat unused at one site while another hired them in, and nobody could say who had what.

- Manual logs could not show where an item was or who had it.
- Tools were misplaced or lost, especially when moved between sites.
- Equipment sat idle at one site while another site was short.
- No one could be held accountable for missing items.
- Missing equipment delayed work on site.

03 What they set up in Asset Infinity

The firm managed its tools and portable equipment in Asset Infinity's Assets feature, with every item labeled and every check-out tied to a person.

Assets

Labeled tools in one register

Every tool and portable machine has a QR label and a record showing its home site, current holder and condition.

Assets

Check-out to a named foreman

The tool room keeper scans the item and the borrower, and the item is out in that foreman's name until it is checked back in.

Assets

Site-to-site transfers

When equipment moves to another project, the move is recorded, so the receiving site and the register both know it has arrived.

Assets

Tool room counts

Regular verification rounds confirm what each tool room holds and flag anything not found or damaged.

04 How it works day to day

This is how a laser level gets from one site's tool room to the next.

FOREMAN

Collects the level

At the start of the day the foreman asks the tool room for a laser level for the setting-out work.

TOOL ROOM KEEPER

Checks it out by scan

The keeper scans the level's QR label and records the foreman as the holder.

SYSTEM

Shows who holds what

The register shows the level as checked out to that foreman, so anyone looking for it knows whom to ask.

TOOL ROOM KEEPER

Checks it back in

When the level comes back, the keeper scans it in and notes its condition. A damaged item is flagged for repair.

SITE MANAGER

Transfers it to the next project

When the phase ends, the level is sent to another site, and the transfer is recorded so the new tool room receives it on the register.

TOOL ROOM KEEPER

Counts the room

On a regular round the keeper scans every item, marking each verified, moved, not found or damaged.

OPERATIONS MANAGER

Reviews losses

Reports list items not found, with their last holder and site, so missing tools are traced quickly.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Records	Handwritten tool room logs	One labeled register for all sites
Who has it	Unknown once the item left the room	Checked out to a named person
Moves between sites	Not recorded	Recorded as transfers
Utilization	Idle at one site, short at another	Spare equipment visible across projects
Loss	Frequent, with no accountability	Down 25%, with a last holder on record

06 How it rolled out

1

Tool rooms assessed. The team reviewed how each site logged tools and where items were lost.

2

Equipment labeled and loaded. Tool and equipment records were consolidated into one register, and every item was labeled with categories by site.

3

Site teams trained. Site managers and tool room keepers were trained in hands-on sessions on check-out, transfers and counts.

07 The results

- Live view of tools and equipment by project site.
- Better use of equipment, with items available where needed.
- One record and history for every tool.
- Clear accountability for who holds each item.
- Fewer project delays caused by missing equipment.

08 Why it worked

A name on every item

Check-out to a person makes equipment someone's responsibility, which handwritten logs never did.

Fast at the tool room

Scanning a label is quicker than writing an entry, so keepers record every handover.

Projects share equipment

Seeing items across sites lets managers move tools instead of hiring or buying more.

09 Looking ahead

Because every item is now checked out to a named person and every move between sites is on record, the firm reduced tool and equipment loss by 25%.

Site managers can now see spare equipment at other projects before hiring in, and the tool records show which items are worn out and due for replacement.

See it on your own assets

A 30-minute demo, set up for a contractor with multiple project sites.

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

Book a demo

Start a 14-day free trial