

WHY DEVICE AVAILABILITY ISSUES BREAK AT SCALE

(AND WHY TEAMS CAN'T
ACCESS WHAT THEY NEED)



WORK DELAYS

Teams wait for devices instead of getting work done.



USER FRUSTRATION

When devices aren't available, productivity and morale drop.



LOWER EFFICIENCY

Manual tracking and uncertainty create time waste.



HIGHER RISK

Non-compliance and security risks increase without visibility.



WASTED INVESTMENT

Underutilised devices mean lower ROI and higher costs.



DEVICE AVAILABILITY IS OPERATIONAL PERFORMANCE.

When teams can't access what they need,
everyone pays the cost.

- ✓ RIGHT DEVICE.
 - ✓ RIGHT USER.
 - ✓ RIGHT TIME.
- EVERY TIME.**



VISIBILITY. CONTROL. AVAILABILITY.
THE FOUNDATION OF HIGH-PERFORMING TEAMS.



WHY DEVICE AVAILABILITY ISSUES BREAK AT SCALE

Devices are critical to modern operations.

From laptops and tablets to scanners, radios, and specialist equipment — work depends on them being:



AVAILABLE



ACCESSIBLE



READY TO USE

AT SMALL SCALE, THIS WORKS.



Few users



Easy to track manually



Devices are found and used



Work flows smoothly

VS

AT LARGE SCALE, IT BREAKS.



More users
More devices
More locations



Hard to find
Hard to track
Hard to manage



Delays Increase



Productivity Drops

TEAMS BEGIN TO EXPERIENCE:



DEVICES THAT ARE "IN USE" BUT CANNOT BE FOUND

No visibility into where devices actually are.



EQUIPMENT SHORTAGES DESPITE HIGH INVENTORY

Devices exist, but aren't accessible when needed.



DELAYS WAITING FOR ACCESS

Teams wait. Deadlines slip. Work stalls.



DUPLICATE PURCHASING

More devices are bought to compensate for lack of visibility.



FRUSTRATION AND POOR EXPERIENCE

Users lose trust and workarounds become the norm.



THE PROBLEM IS NOT LACK OF DEVICES.
IT'S LACK OF CONTROL.

- ✓ No real-time visibility
- ✓ No accountability
- ✓ No control over access
- ✓ No reliable process at scale

THE IMPACT IS REAL.



WASTED TIME



HIGHER COSTS



OPERATIONAL RISK



LOWER PRODUCTIVITY



DISENGAGED TEAMS

WHY DEVICE AVAILABILITY BREAKS AT SCALE



The problem is not lack of devices. It's lack of control.

1

NO REAL-TIME VISIBILITY OF DEVICES



Most organisations cannot answer:

- Where is the device right now?
- Who is using it?
- When will it be returned?

Without this:

- Devices appear "lost"
- Availability becomes unpredictable
- Teams waste time searching

DEVICE OVERVIEW

AVAILABLE	27%
IN USE	54%
UNKNOWN	19%





If you can't see your assets, you can't use them efficiently.

2

DEVICES ARE STORED IN UNSTRUCTURED LOCATIONS



Devices are often kept in:

- Drawers
- Lockable cupboards
- IT rooms
- Desks or shared spaces

At scale, this leads to:

- Devices being misplaced
- Inconsistent storage behaviour
- Time lost locating equipment



3

NO CONTROL OVER ACCESS



Without controlled access:

- Anyone can take a device
- Devices are not returned properly
- Usage is not tracked

This creates:

- Uncertainty over availability
- Increased loss and misuse





No control.
No accountability.
No visibility.

4

SHARED DEVICE ENVIRONMENTS CREATE CONFLICT



In shared environments:

- Multiple users need the same devices
- Demand spikes at certain times
- No prioritisation or allocation

This results in:

- Teams waiting for devices
- Operational delays
- Frustration across departments





High demand.
Low availability.
High frustration.

5

MANUAL TRACKING SYSTEMS FAIL



Spreadsheets and sign-out logs:

- Are not updated in real time
- Depend on user compliance
- Quickly become inaccurate

This leads to:

- Devices shown as available but missing
- Incorrect assumptions about inventory
- Poor planning

DEVICE SIGN-OUT LOG				
DEVICE	USER	CHECK OUT	DUE BACK	RETURNED
Laptop-23	John D.	08:15	12:00	✗
Tablet-07	Sarah K.	09:10	16:00	✗
Scanner-02	Mike R.	10:30	17:00	?
Radio-15	Priya M.	07:45	15:00	✓
Laptop-11	Alex P.	08:50	12:00	?



Inaccurate data.
Wrong decisions.
Wasted resources.

6

CHARGING AND READINESS ARE NOT MANAGED



Even when devices are found:

- Batteries may be flat
- Devices may not be ready to use

This adds another layer of delay:

Availability is not just location — it's readiness.





Found but not ready = still not available.

7

DEMAND PEAKS EXPOSE WEAK SYSTEMS



During peak usage:

- Multiple users need devices simultaneously
- Availability gaps become critical
- Small inefficiencies multiply

Typical peak moments include:

- Shift changes
- Start of workdays
- High-demand operational periods





Peaks reveal gaps.
Systems fail.
Impact grows.



AT SCALE, SMALL GAPS BECOME BIG PROBLEMS. WITHOUT VISIBILITY, CONTROL AND READINESS, DEVICES CAN'T DRIVE PRODUCTIVITY.



MORE DELAYS



HIGHER COSTS



LOWER PRODUCTIVITY



FRUSTRATED TEAMS



POORER OUTCOMES

THE HIDDEN COST OF

DEVICE AVAILABILITY ISSUES

When the right device isn't available at the right time, the impact goes far beyond inconvenience.



1 PRODUCTIVITY LOSS

When users cannot access devices:

- Work is delayed
- Tasks are paused
- Teams become less efficient

Even short delays compound across operations.



THE IMPACT



Lost time

Reduced output

Lower team productivity



2 INCREASED CAPITAL SPEND

Because devices are "missing" or unavailable:

- Organisations buy more devices
- Inventory grows unnecessarily
- ROI decreases



THE IMPACT



Higher costs

More inventory

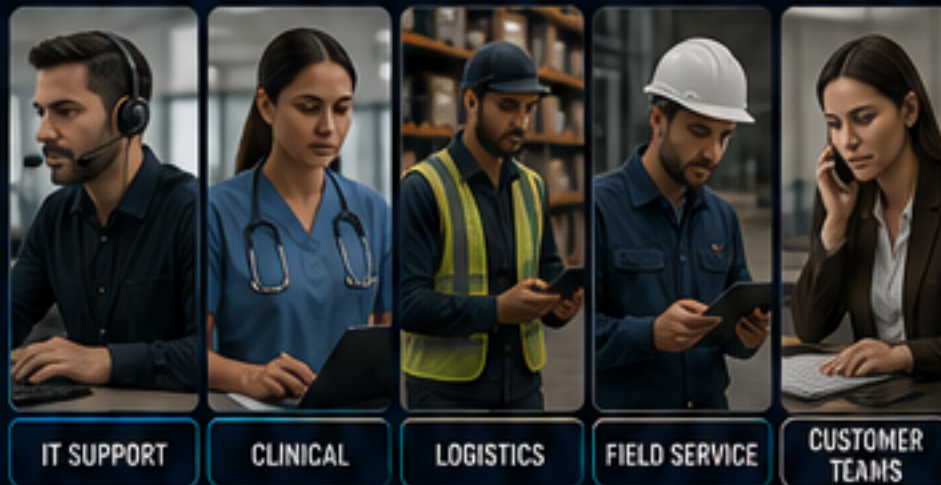
Lower return on investment



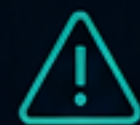
3 OPERATIONAL DISRUPTION

Device delays impact:

- IT support teams
- Clinical staff
- Logistics operations
- Field engineers
- Customer-facing teams



THE IMPACT



Processes slow down

Service levels drop

Operational risk increases



4 USER FRUSTRATION

When devices are unreliable:

- Teams lose trust in systems
- Workarounds increase
- Compliance drops



THE IMPACT



Lower morale

More errors

Higher compliance risk

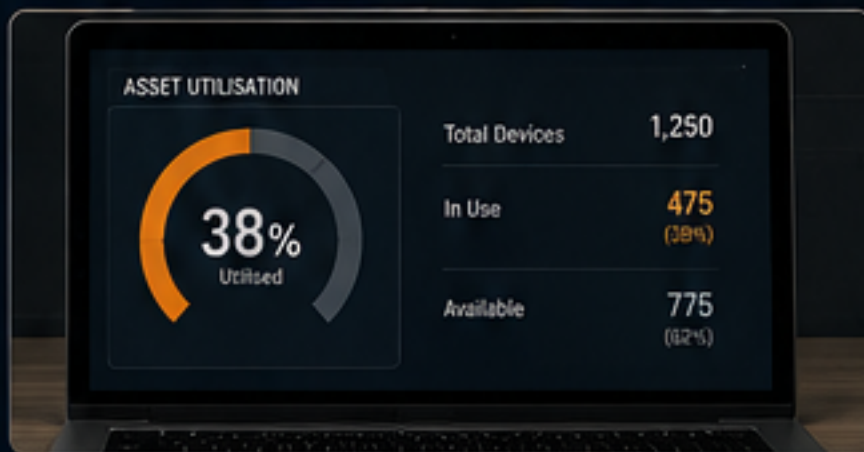


5 REDUCED ASSET UTILISATION

Devices are:

- Underused
- Misplaced
- Not optimised

More devices ≠ better performance



THE IMPACT



Wasted investment

Poor planning

Lower efficiency



THE BOTTOM LINE:

AVAILABILITY ISSUES COST MORE THAN YOU THINK.

The true cost isn't just in devices. It's in lost time, lost productivity, and missed opportunities.



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WHY TRADITIONAL FIXES FAIL

Common approaches may seem like solutions—but they don't address the real problem: **lack of visibility, control and accountability.**

❌ BUY MORE DEVICES



- Increases cost
- Does not fix availability

More devices ≠ more availability.
It often creates more complexity.

❌ IMPROVE STORAGE AREAS



- Temporary improvement
- Breaks under real usage
- Better storage doesn't ensure devices are returned or available.

❌ ENFORCE BETTER PROCESSES



- Depends on human behaviour
- Difficult to maintain at scale
- Processes rely on people. People make mistakes.

❌ USE BETTER TRACKING TOOLS



- Improves visibility slightly
- Does not enforce control
- Knowing where devices are is not the same as controlling access.



**TRADITIONAL FIXES TREAT SYMPTOMS,
NOT THE CAUSE.**



THE REAL SOLUTION:
Structured, controlled, and accountable
device availability.



THE CORE PROBLEM: AVAILABILITY IS NOT SYSTEM-CONTROLLED

Device availability fails because:



There is **no system** controlling where devices are, who has them, and when they return.



AT SCALE:



MOVEMENT INCREASES

Devices move across locations, teams and users constantly.



USERS INCREASE

More people need access to more devices every day.



COMPLEXITY INCREASES

More devices, more locations, more handovers, more exceptions.

WITHOUT CONTROL:



AVAILABILITY BECOMES UNPREDICTABLE.



Hard to find devices



Delays increase



Productivity drops



Users lose trust

THE SCALABLE SOLUTION:

CONTROLLED DEVICE ACCESS SYSTEMS

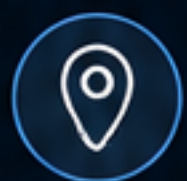
To solve availability issues, organisations need:



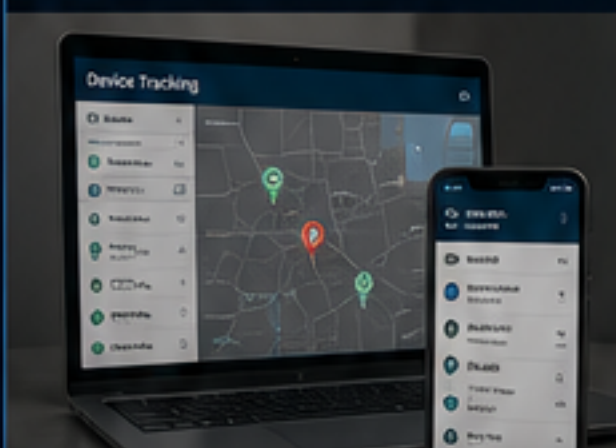
FIXED STORAGE LOCATIONS



- Every device has a designated home
- No more guessing or searching
- Consistent and scalable organisation



REAL-TIME TRACKING



- Know where every device is
- Who is using it
- When it's due back
- Live visibility, always



CONTROLLED ACCESS



- Only authorised users can access devices
- Every transaction is logged
- Prevents loss, misuse and unreturned devices



DEVICE READINESS MANAGEMENT



- Devices are charged, updated and ready
- Readiness status visible in real time
- Ensures devices are available and usable

THE RESULT AT SCALE:



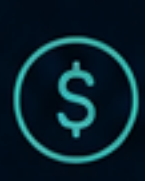
FASTER ACCESS
Less searching.
Less waiting.
More doing.



HIGHER RELIABILITY
Devices are always accounted for and ready to use.



IMPROVED PRODUCTIVITY
Teams stay focused.
Operations run smoother.



LOWER COSTS
No unnecessary purchases. Better asset utilisation.



HAPPIER TEAMS
Less frustration.
More trust.
Better experience.



AVAILABILITY IS NOT JUST ABOUT HAVING DEVICES.
IT'S ABOUT HAVING CONTROL.



SMART DEVICE LOCKER SYSTEMS

Smart lockers turn device availability into a controlled, automated system.



DEFINED DEVICE LOCATIONS

- Every device has a fixed compartment
- No ambiguity



REAL-TIME AVAILABILITY TRACKING

- Know exactly where each device is
- Know whether it is available

DEVICE AVAILABILITY

A01	Laptop	In Use	●
A02	Tablet	Available	●
A03	Scanner	In Use	●
A04	Radio	Available	●
A05	Camera	Available	●



SECURE, CONTROLLED ACCESS

- Only authorised users can take devices
- Full accountability



AUTOMATED LOGGING

- Every interaction recorded
- No reliance on manual processes

ACTIVITY LOG

TIME	USER	ACTION	DEVICE	LOCATION
12 May 2024 08:15	J.Smith	Checkout	Laptop	A01
12 May 2024 10:42	M.Brown	Checkout	Tablet	A02
12 May 2024 12:33	S.Khan	Return	Laptop	A01
12 May 2024 14:05	P.Wilson	Checkout	Scanner	A03
12 May 2024 16:18	J.Smith	Return	Laptop	A01



CHARGING INTEGRATION

- Devices stored and charged
- Always ready for use



THE RESULT



INSTANT AVAILABILITY

Find and access devices in seconds.



HIGHER UTILISATION

More usage from existing devices.



IMPROVED PRODUCTIVITY

Less searching. More time for work.



LOWER COSTS

Reduce duplicate purchases and loss.



MORE ACCOUNTABILITY

Full visibility and audit trail for every device.



SMART LOCKERS. SMARTER TEAMS. DEVICES AVAILABLE WHEN AND WHERE THEY'RE NEEDED.

REAL OPERATIONAL IMPACT

With smart device locker systems:



DEVICE AVAILABILITY BECOMES PREDICTABLE



Real-time visibility and control ensure devices are where they should be, when they are needed.



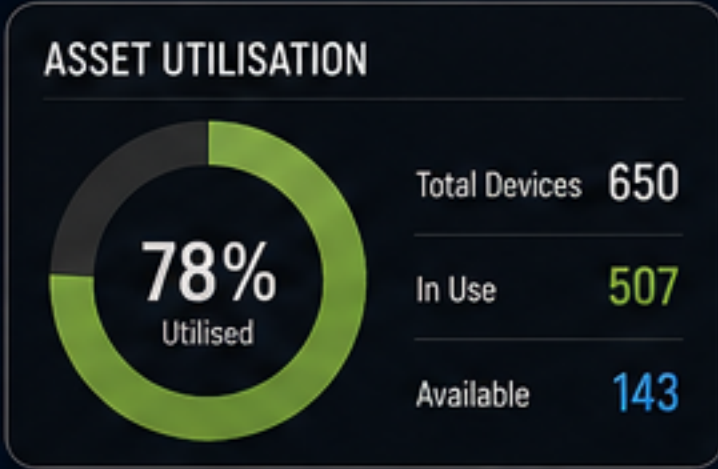
RETRIEVAL TIME IS REDUCED



Users can quickly access the devices they need, when they need them—no searching, no delays.



ASSET UTILISATION INCREASES



Devices are used more effectively across teams, locations and shifts.



DUPLICATE PURCHASING DECREASES



Accurate visibility prevents unnecessary purchases and optimises existing inventory.



OPERATIONAL EFFICIENCY IMPROVES



Teams spend less time waiting and more time delivering value-driven work.

THE BOTTOM LINE



They are caused by:

LACK OF VISIBILITY, CONTROL, AND SYSTEM STRUCTURE.

AT SCALE:



THE SOLUTION IS NOT MORE DEVICES.

IT'S BETTER SYSTEMS.



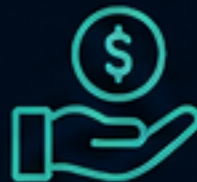
PREDICTABLE AVAILABILITY



FASTER WORKFLOWS



BETTER ASSET UTILISATION



LOWER COSTS



STRONGER OPERATIONS

THE SMART ASSET LOCKER

4 STEP PROCESS

| Simple. Secure. Smart. Every time.



vpod | Smart Solutions
Smarter Infrastructure. Better Operations.

1 AUTHENTICATE

Verify the user

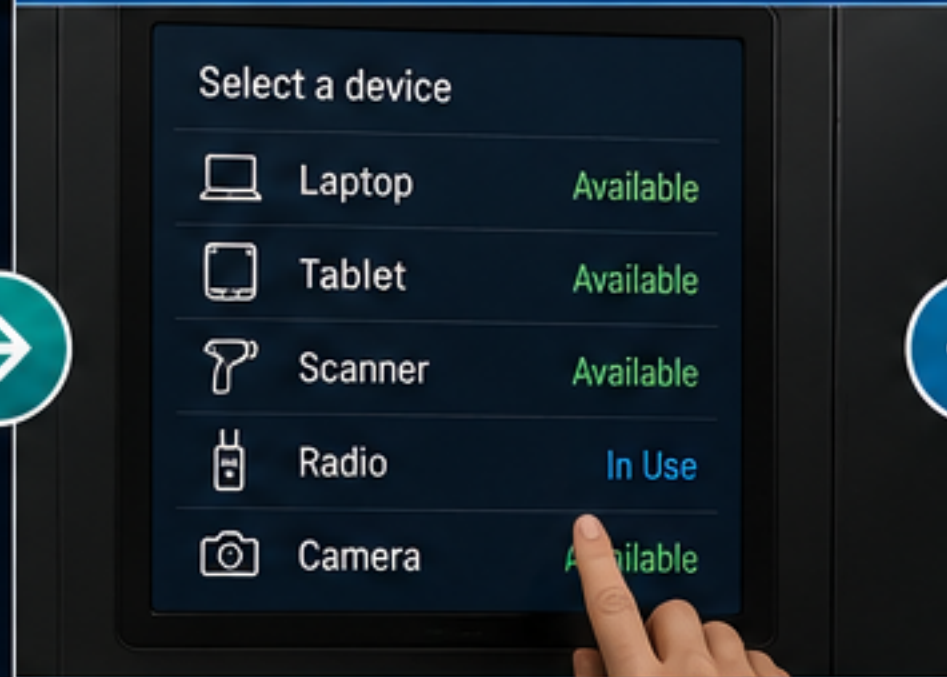


Users authenticate using badge, PIN, or mobile app. Only authorised users can access devices.



2 SELECT

Choose the device



Users view available devices in real time and select the one they need. The system verifies access permissions.

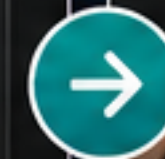


3 RETRIEVE

Collect the device



The locker unlocks the assigned compartment. The device is ready to use and, if needed, fully charged.



4 RETURN

Return and reassign



Users return the device to any open compartment. The system logs the return, updates availability, and charges the device.

WHY IT WORKS

A SMART SYSTEM THAT DELIVERS REAL RESULTS



REAL-TIME VISIBILITY
Know where every device is, at all times.



SECURE & ACCOUNTABLE
Controlled access. Full audit trail.



MAXIMUM AVAILABILITY
Devices are ready, charged, and available when needed.



HIGHER UTILISATION
Better use of existing assets. Less waste.



LOWER COSTS
Reduce loss, downtime, and duplicate purchases.



SMART LOCKERS. SMARTER OPERATIONS.

The right device. The right user. The right time.