

Pharma & Medtech

Example scenario

How a biotech lab keeps instruments calibrated and audit-ready with Asset Infinity

A biotech lab runs instrument calibration on preventive plans, raises work when a check is out of tolerance, books shared equipment and keeps every record ready for an audit.



EXAMPLE RESULTS

- 100%**
of instruments on a calibration plan with a due date
- Every**
out-of-tolerance reading raises a work order
- 1**
booking calendar for every shared instrument

AT A GLANCE

INDUSTRY

Biotech research and development

EXAMPLE INSTRUMENTS

350 lab instruments

EXAMPLE LABS

6 labs on 2 floors

USERS

Scientists, lab managers, QA

FEATURES USED

Maintenance

Site services

Assets

01 The organization

A biotech company runs research and development labs with pipettes, balances, centrifuges, incubators, freezers, HPLC systems and plate readers, many of them shared between teams.

Its results depend on instruments that are calibrated, in tolerance and documented, and quality auditors expect to see that history for any instrument used in a study.

02 The challenge

Calibration dates are tracked in a spreadsheet, certificates sit in shared folders, and shared instruments are booked on paper sheets taped to the bench.

- Calibrations are missed when the spreadsheet owner is away.
- An out-of-tolerance result is noted, but the follow-up is not tracked.
- Certificates and service reports are hard to find during an audit.
- Scientists clash over shared instruments booked on paper.
- Nobody can see which instruments fail calibration most often.

03 How it is set up in Asset Infinity

The lab keeps every instrument in Asset Infinity, with calibration plans, checks and bookings tied to the instrument's record.

Maintenance

Calibration plans

Each instrument has a date-based plan for calibration and service, and the work order falls due before the calibration lapses.

Maintenance

Checks with readings

Calibration checks record required readings, photos and a signature. A reading outside tolerance fails the check and raises corrective work.

Site services

Equipment bookings

Scientists book shared instruments by time slot, so the calendar shows who has the plate reader and when.

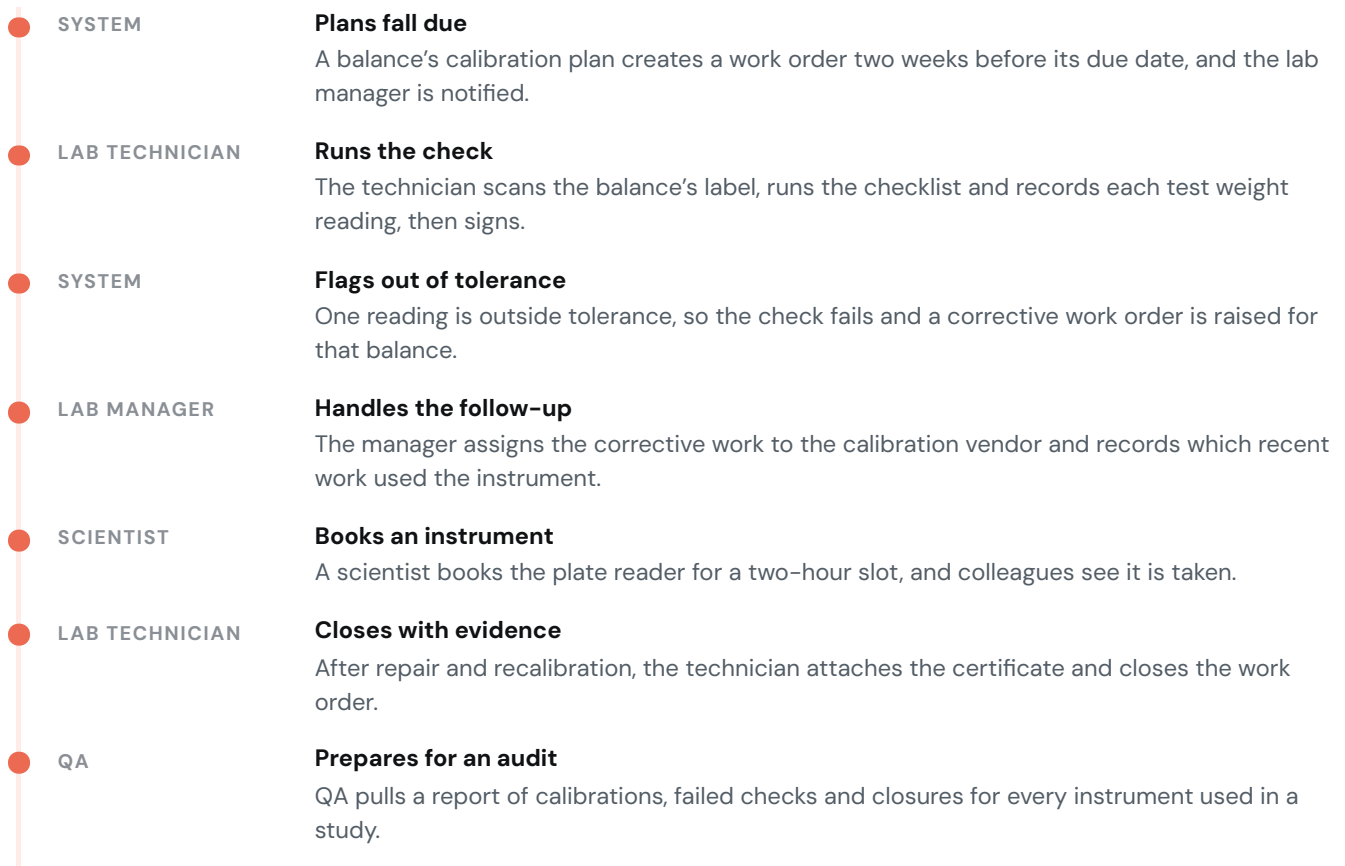
Assets

One record per instrument

Each instrument's record holds its certificates, service history, location and warranty, with an audit trail of every change.

04 How it works day to day

Here is how calibration and bookings run in the lab week to week.



05 Before and after

	BEFORE	WITH ASSET INFINITY
Calibration due dates	A spreadsheet with one owner	A plan per instrument that raises the work
Out of tolerance	Noted, follow-up untracked	A failed check raises corrective work
Certificates	Shared folders	Attached to the instrument record
Shared instruments	Paper sheets on the bench	A booking calendar
Audits	Days gathering files	One report per instrument or study

06 The first month

1

Instruments loaded. Instruments are imported with serial numbers, locations and last calibration dates, and each gets a label.

2

Plans and checklists. Calibration plans and check templates with tolerances are set up for each instrument type.

3

Bookings opened. Shared instruments are opened for booking, and scientists start reserving time in the app.

07 Example results

- Calibration certificates and service reports are attached to the instrument they belong to.
- Each out-of-tolerance result has a recorded follow-up and a closed work order.
- Shared instrument clashes are replaced by a booking calendar.
- Failure history shows which instruments drift most often.

08 Why it worked

Nothing lapses

Calibration work is created before it is due, so it does not depend on one person's spreadsheet.

Every deviation closed

An out-of-tolerance reading becomes a work order with an owner, so the follow-up is always on record.

Audit-ready by default

Readings, signatures, certificates and an audit trail sit with each instrument, so audits need a report, not a hunt.

09 Looking ahead

With calibration, checks and bookings tied to one record per instrument, the lab knows what is in tolerance, what is due and who is using what.

When an auditor asks about an instrument used in a study, the lab answers with one record: its calibration history, certificates, any out-of-tolerance events and how each was closed.

See it on your own assets

A 30-minute demo, set up for a biotech or life sciences lab.

An example of how this kind of organization runs on Asset Infinity.

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