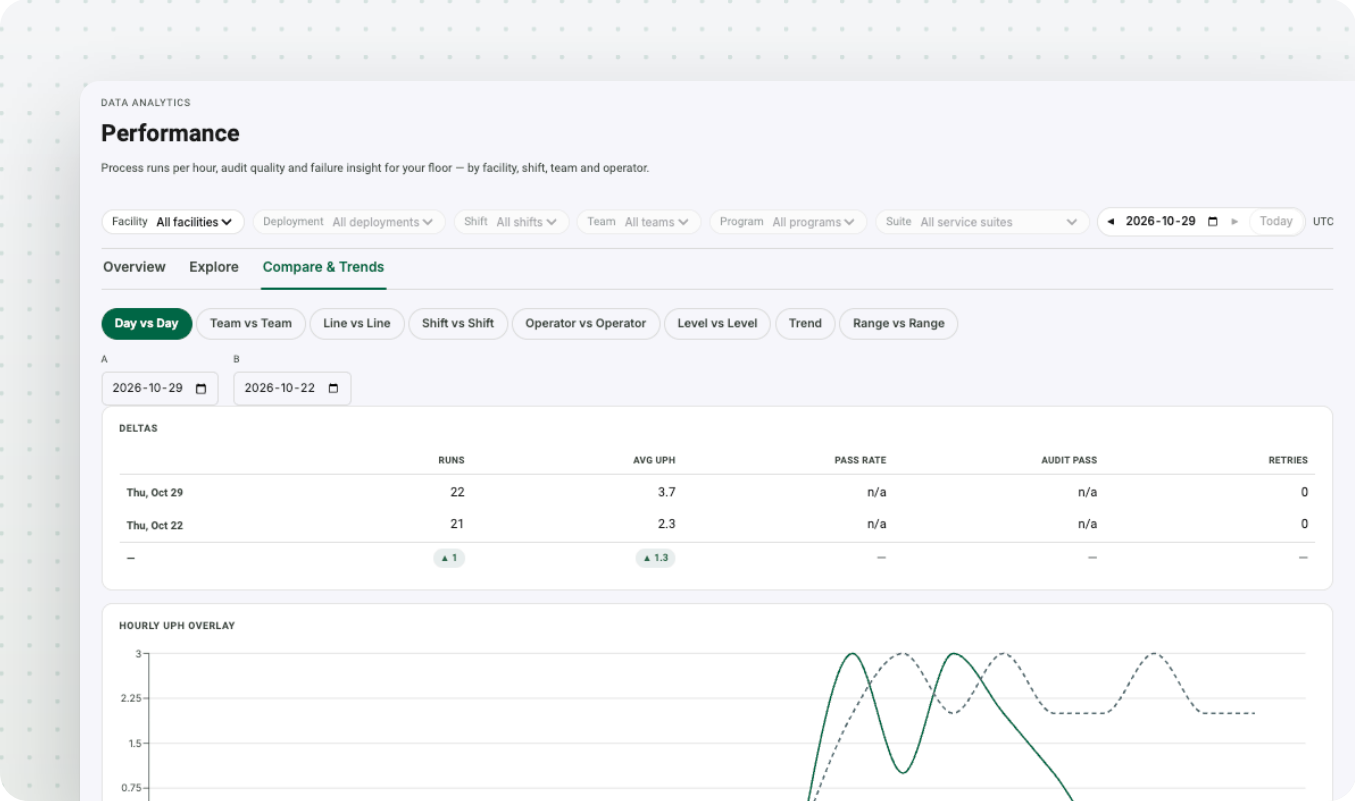
DATA & REPORTING PLATFORM

# Every run, every operator, every device. Queryable, chartable, exportable.

Complete per-unit history, operator audits, performance dashboards and trend analytics across your entire operation, without asking us for a report. Delivered inside Control Center, alongside the floor it measures.




AUDIENCE

Operations, quality & IT leaders at device processors

RECORD

IMEI · Serial · OS · Storage · Color · Region

WEB

assetscience.com

AT A GLANCE

# The eight questions every buyer asks.

This product is the record, not the bench. It holds what the Asset Science diagnostic products recorded about every device, lets you query it, and issues the certificates from it. It does not run tests or wipes of its own.

**CERTIFICATE** — Yes

**Issued from the record:** pre-wipe, diagnostics, data wipe and parts check certificates, a printable report and label, a public web lookup at verified.assetscience.com, and PDFs generated in batch.

**ADISA CERTIFIED** — Not itself

Records produced by **Pro-Diagnostics (PDD) and MacRestore** carry the ADISA assurance level 4 mark. Pro-Diagnostic PC records name NIST 800-88 methods instead; no ADISA claim is made for them.

**TYPE OF WIPE** — Reported, not run

The record states the **content clearing method** and the factory-reset status the processing product recorded. Erasure runs on the station; this platform keeps the evidence.

**GUIDED USER TESTING** — Not applicable

Testing happens on the station. The record keeps **every test, every service and every operator action**, with who ran it and how long it took.

**TYPE OF TESTS** — Reported, not run

Every test result recorded during processing, by name, with status, start time, duration and fail code, plus battery health and device status checks.

**MAIN FEATURES** — 4

**Device History** per unit. **Operator audits** and hourly UPH. **Explore** grid with charts and bulk lookup. **Export** in 47 columns, on a schedule, by email.

**PLATFORMS SUPPORTED** — Any browser

Control Center is a **web application**. Nothing to install for a supervisor, an auditor or an analyst. Records arrive from iOS, Android, Mac and PC processing.

**DATA ANALYTICS AND API** — REST · CSV

Per-unit history, operator audits, UPH and dashboards in the browser; the same data over the **Back-Office REST API**, CSV, Excel and JSON export, and scheduled emailed reports.

1. **Record** — Every process run lands as one record per device, with identifiers, tests, services and operator.
2. **Measure** — The Performance Dashboard reads the floor by the hour, by facility, shift, team and operator.
3. **Explore** — Filter, chart and search the live grid; open any row to its Device History.
4. **Hand off** — Export, schedule, certify, or pull it over the API into your own systems.

**What it does not do.** It does not test, grade or erase a device. It reports what the processing products did, and it never reports a result it has no record of. A check that did not run shows N/A, not a pass.

THE DEVICE RECORD

# When a customer disputes one unit, you produce that unit's own record.

Device History is the full life of one device: every run, every test, every service, how long each took, and the certificate tiles that came out of it. Aggregates are for the plant manager; this page is for the dispute.

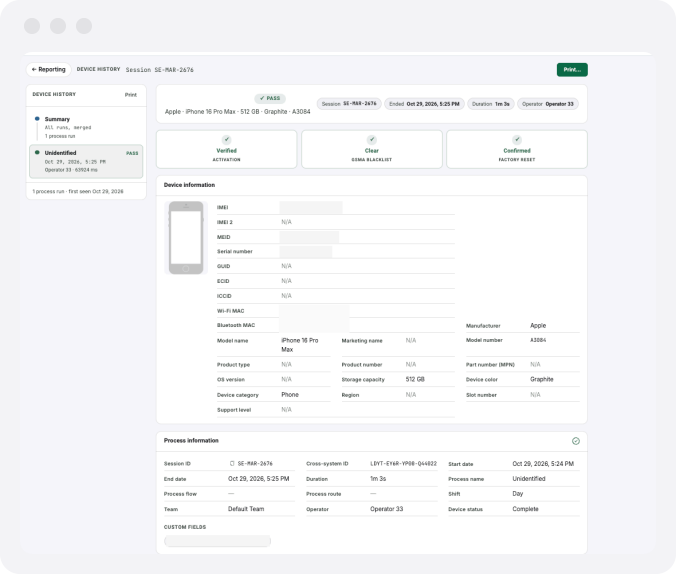



**FIG. 1** Control Center → Reporting → Device History. Run header with PASS badge, session, duration and operator; activation Verified, GSMA Clear, factory reset Confirmed; identifiers and process information. Identifiers are synthetic.

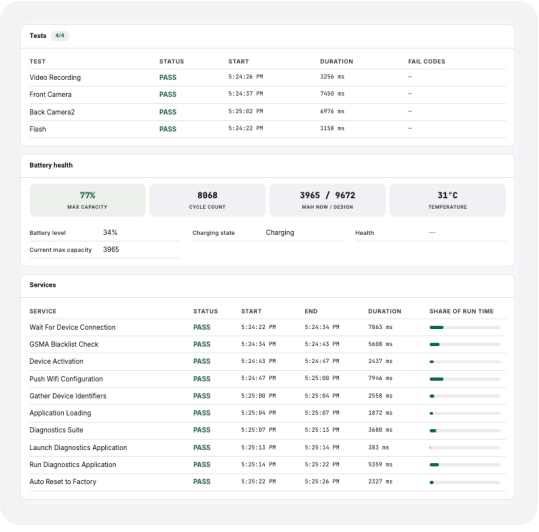



**FIG. 2** Device History → Tests, Battery health, Services. Ten services in the order they ran, each with its duration and share of run time.

### IDENTITY

**The device, as the station read it.**

IMEI · IMEI 2 · MEID · Serial · GUID · ECID · ICCID · Wi-Fi MAC · Bluetooth MAC · Manufacturer · Model name · Model number · OS version · Storage · Color · Region · Category

### SESSION

**Who, where, when, how long.**

Session ID · Cross-system ID · Process name · Process flow · Process route · Start · End · Duration · Shift · Team · Operator · Facility · Deployment · Software build · Custom fields

### EVIDENCE

**Tests, services, battery, status tiles.**

Each test with status, start, duration and fail code. Each service with its share of run time. Battery max capacity, cycle count, mAh and temperature. Activation, GSMA blacklist and factory reset as tiles. Locks are reported, never removed.

### EVERY RUN, ONE UNIT

**Runs merged into one timeline.**

A device that came through intake, diagnostics and a wipe has several runs. The Summary view merges them: each test and service with its pass history across sessions, the latest result and a sessions count. Any single run opens on its own, prints from its header, and downloads as JSON.

OPERATOR AUDITS AND PERFORMANCE

# How do you know the operator is doing the job and not guessing?

We pioneered operator auditing, and it is built into the product rather than bolted on. Sampling finished work only tells you what somebody did when they knew it would be checked.

THE MECHANIC, IN THE PRODUCT'S OWN WORDS

> **Audits are tests where the result is staged in order to evaluate the reliability of an operator. These percentages define the ratio of audits to real tests that operators will be tasked with, for each operator audit status.**

Control Center → Operation Management → Audits, verbatim.

INVISIBLE TO THE OPERATOR

### A test whose result the platform already knows.

It is slipped into the normal queue, on a normal device, indistinguishable from real work. The operator cannot prepare for it, because there is nothing to see coming.

SET PER AUDIT STATUS

### New hires audited heavily, proven operators less.

The ratio is set per operator audit status, per facility, from a policy you set once. Nobody maintains a list. On the test suite itself, operator audits are a 0 to 5 setting beside fail-code display and rapid test.

FAIR COMPARISON

### It refuses to compare unfairly.

Put two operators at different audit levels side by side and the dashboard says so before it draws the chart: *These operators are at different audit levels, a performance gap is expected.*

## Seven numbers above everything else on the Performance Dashboard.

| Processed | Pass rate | Avg UPH | Current UPH | Audit fail | Retries | Incomplete |
|---|---|---|---|---|---|---|
| Runs completed in the window. | Share that ended in a pass. | Units per hour, weighted by active hours. | The rate right now. | Staged audits got wrong. | Devices that went round again. | Runs that never reached a result. |

## Then it tells you why.

A pass rate that dropped four points is a question. The drill-down is the answer: **top fail reasons** in your own categories, **top failed tests** so a bad batch and a bad fixture look different, **top failed audits** so you know what to train, and counts by fail code and custom field. All of it filtered by facility, deployment, shift, team, program and service suite.

**Two honest limits.** Audits by test and failed-test detail are a live view of today only, not an archive. Historical runs, results and exports are all retained. And an audit measures operator reliability, not device condition: whether the person can be trusted with the call, not whether this phone is an A or a B.

EXPLORE AND DASHBOARDS

# A grid you work in, not a report you request.

Explore is the live record table of process runs: filter it, chart it from the grid, search a CSV of identifiers against it, and open any row to its Device History.

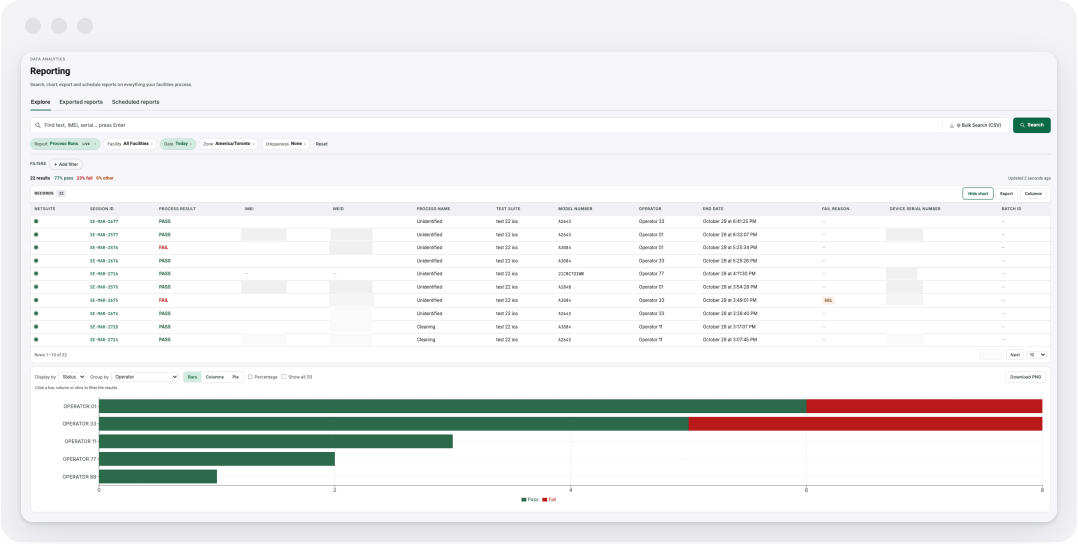



**FIG. 3** Control Center → Reporting → Explore. Twenty-two process runs with a 77% pass band, session, result, process, suite, model, operator, end date and fail reason, and the same rows charted by operator underneath. Identifier columns are blanked.

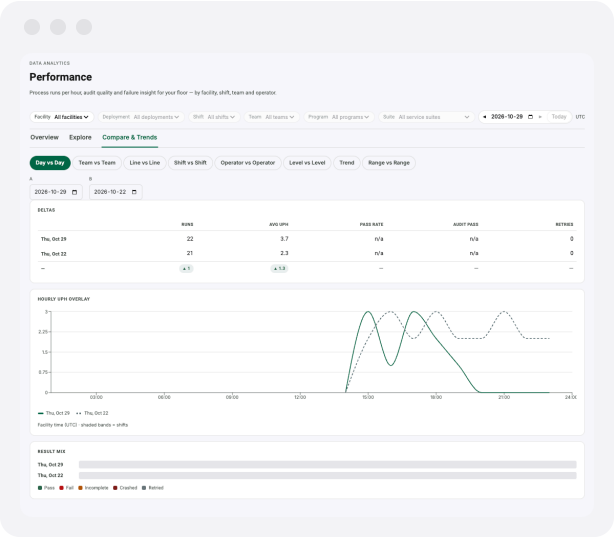



**FIG. 4** Data Analytics → Performance → Compare & Trends, Day vs Day. Deltas for runs, average UPH, pass rate, audit pass and retries, above two days on one hourly UPH axis.

- **Chart from the grid** you are already filtering: group by operator, status or any column, as bars, columns or a pie. Click a bar to filter the grid to it.
- **Bulk search from a CSV** of identifiers. "What happened to these 400 devices" is one file, not four hundred searches.
- **Time frame to the second**, full-text search, and a uniqueness control: all runs, last in, or first in per device.

## The floor by the hour, in the facility's own time.

Most platforms report yesterday. The dashboard shows the shift you are standing in against the one you want to beat, with the facility's shifts shaded onto the hourly plot in its own timezone. Eight comparison modes, one axis:

Day vs Day · Range vs Range · Team vs Team · Shift vs Shift · Line vs Line · Operator vs Operator · Level vs Level · Trend

EXPORT AND SCHEDULED REPORTS

# Put it on a schedule and stop asking.

Any report you can build in Explore can be exported with the columns you choose, emailed to someone without a login, or generated on a cadence and sent to a list.

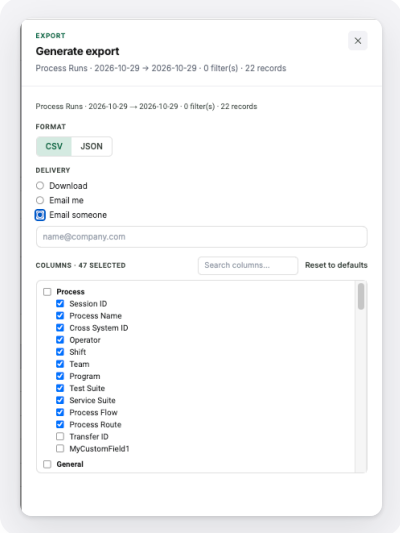



FIG. 5 Reporting → Generate export. CSV or JSON; download or email; 47 columns selected.

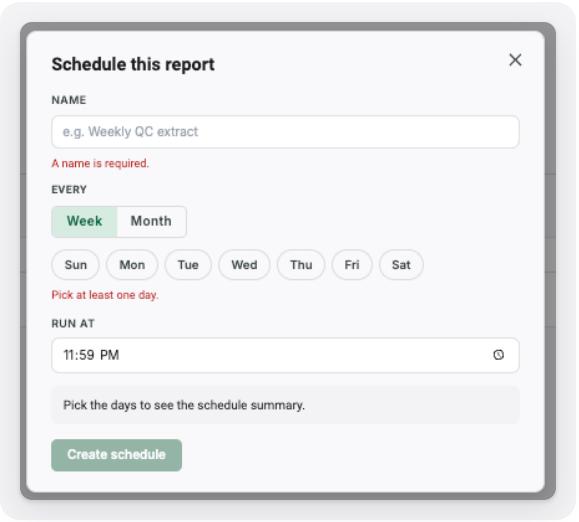



FIG. 6 Reporting → Schedule this report. Weekly or monthly, a day picker, a run time and a name.

### COLUMNS

**47 selectable columns, yours included.**

Process, operator, shift, team, program, suites, flow and route; device, battery and infrastructure fields; then the custom fields you defined. Reset to defaults in one click.

### FORMAT AND DELIVERY

**CSV or JSON. Download it, or email it.**

Email yourself, or someone else by address. Excel exports come from the scan station. The filters you set in Explore apply to the file.

### CADENCE

**Every day, weekdays only, the 1st, the 15th.**

Weekly or monthly, with a day picker and a run time, generated and emailed without anyone logging in. Scheduled reports have their own tab.

### RETENTION

**Finished exports keep for 30 days.**

The Exported reports tab lists each file with row count, status, filters and size. A report nobody opened is still there when somebody asks.

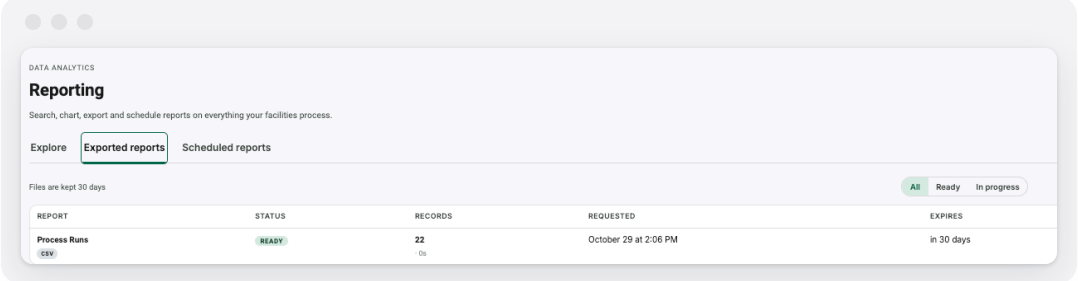



FIG. 7 Reporting → Exported reports. One Ready CSV of 22 records, expiring in 30 days. Cropped.

CERTIFICATES FROM THE DATA

# The certificate is a view of the record, not a second copy.

What the public certificate shows is what Device History holds. One record per device produces every certificate, and a failed device is never quietly certified.

| CERTIFICATE | WHAT IT STATES |
|---|---|
| **Pre-wipe** | The device as identified before erasure began. |
| **Diagnostics** | Every test by name with its result, battery health, status tiles. |
| **Data wipe** | Content clearing method and factory-reset status, NIST 800-88 named; ADISA assurance level 4 mark on PDD and MacRestore records. |
| **Parts check** | Whether screen or battery were replaced, reliably auditable. |
| **Report and label** | Printable copy from the record header; a label whose QR code resolves to the same certificate. |

- **PDF** per device, downloadable by anyone holding the link if your account allows it.
- **Public lookup** by IMEI, serial, MEID or GUID at verified.assetscience.com, no account.
- **Batch**: certificate PDFs generated and sent in batch, and certificate links inside exported reports.

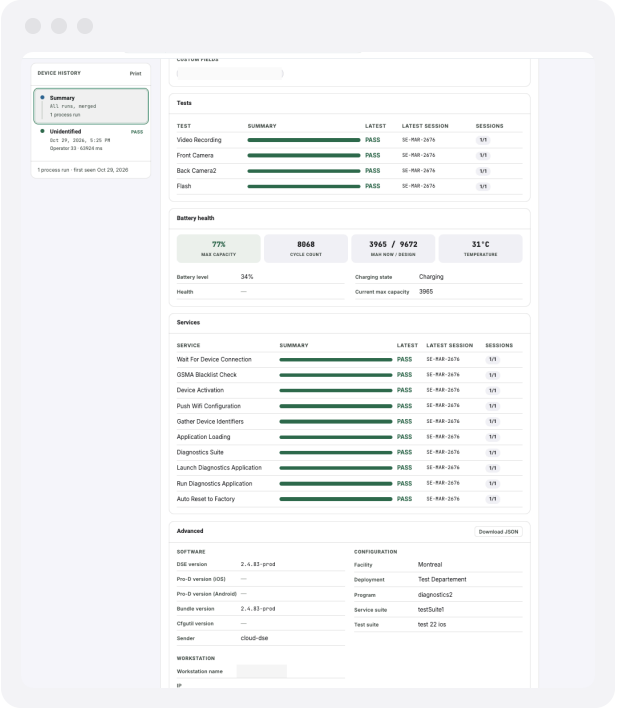



FIG. 8 Device History → Summary, all runs merged. Tests and services with their pass history, battery health, then the software and configuration that produced the record, with Download JSON. Workstation name and IP are blanked.

API HANDOFF

## Getting the data out without asking us.

REST

### Uniform endpoints, scoped keys.

The Back-Office API Suite exposes the same records over REST, authenticated with a bearer token. Keys are scoped to a tenant, a facility or a single deployment, so an integration at one site cannot read another.

SEARCH, GRAPH, EXPORT

### What Explore does, your code does.

Reporting search and graph endpoints, CSV export, and a JSON export on an API key. Device History returns every record with its state, so a record held by an automation is visible rather than missing.

WHERE IT GOES

### ERP, BI, or a spreadsheet.

Send results to NetSuite from the program's own configuration. Hand the CSV to a BI tool. Or let the scheduled email land in the inbox of the person who needs it. Nothing in the grid is held back.

SCALE

## 12M+ devices processed annually on this platform.

Not a projection: production throughput, sustained since 2010. Every one of those runs is a record with an operator, a timeline and a certificate behind it, and every one is queryable from the same grid.

# Run a day on your floor, then compare it with the next.

Start a free trial, process devices on a station in your facility, and watch Explore, the Performance Dashboard and Device History fill up with your own data.

FREE TRIAL
**onboarding.assetscience.com**

PUBLIC CERTIFICATES
**verified.assetscience.com/verify**

WEB
**assetscience.com**

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