



Every feature your test lab needs — free, open source, yours to own.

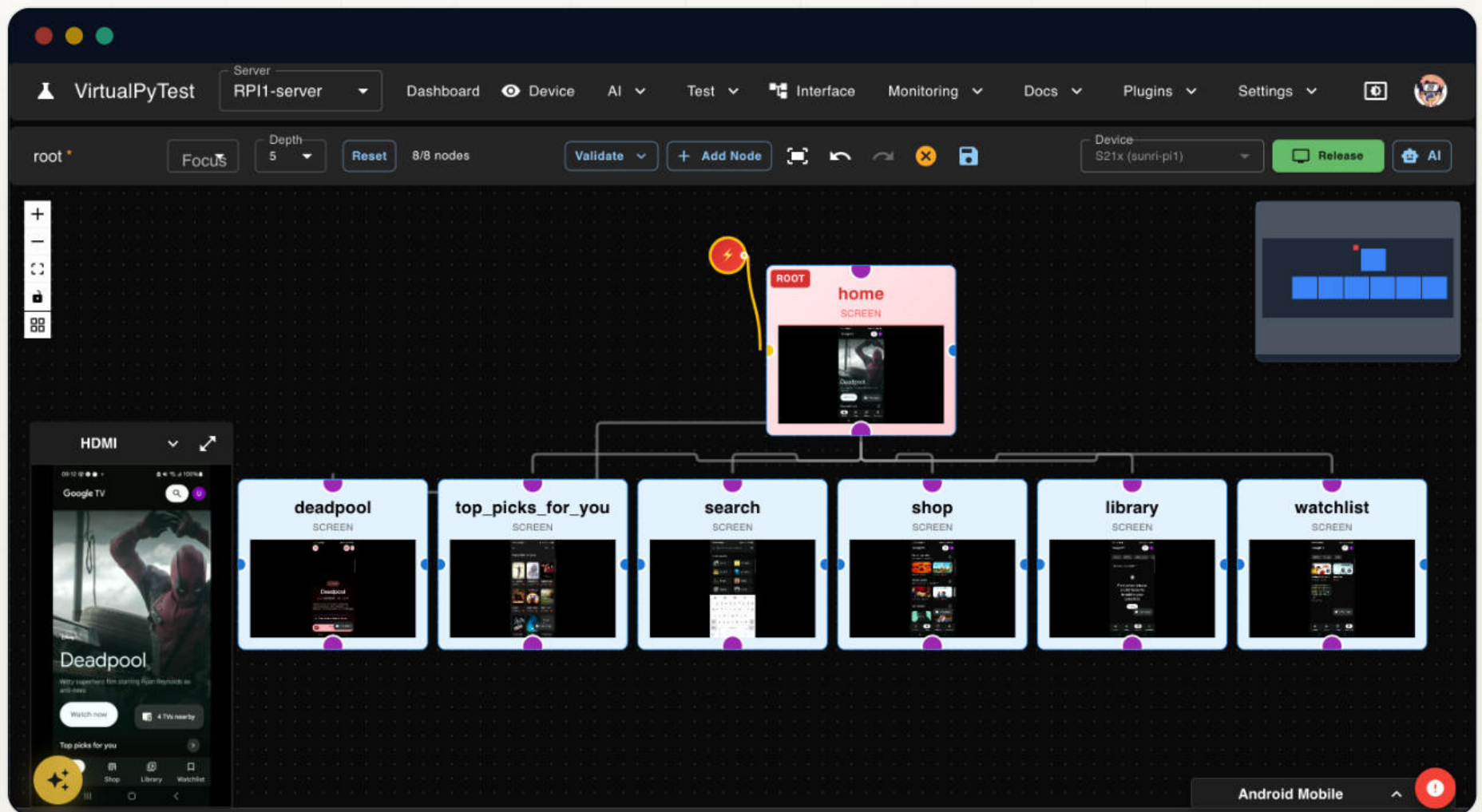
Most of them, nobody else even has — and where others sell add-ons, meter per device or simply don't offer it, **we ship every one of them, free.**

- | | | |
|---|--|------------------------------------|
| ✓ 100% free & open source | ✓ No-code QuickTest builder | ✓ Native AI integration |
| ✓ Decentralized architecture | ✓ Automatic KPI measurement | ✓ MCP server for AI agents |
| ✓ Web UI — mobile & tablet ready | ✓ Automatic verification reports | ✓ Native Grafana dashboards |
| ✓ Runs on Windows / Mac / Linux | ✓ Reference image & text library | ✓ Workspaces & team RBAC |
| ✓ Cheap hardware — Pi to Minisforum | ✓ 24/7 audio & video monitoring | ✓ Real-time fingerprint & localize |
| ✓ One script for every platform | ✓ A/V quality metrics | ✓ Device info & dashboard |
| ✓ Navigation graph — UI out of the script | ✓ Fleet heatmap | ✓ System & host metrics |
| ✓ Native Python scripting | ✓ 24-hour screen review buffer | ✓ Device occupancy analytics |
| | ✓ Auto incident detection & classification | + and more shipping every month |

• FREE & OPEN SOURCE • UNLIMITED DEVICES • RUNS ANYWHERE

• [VIRTUALPYTEST.COM](https://virtualpytest.com)

Map your app once. Every test reuses it.

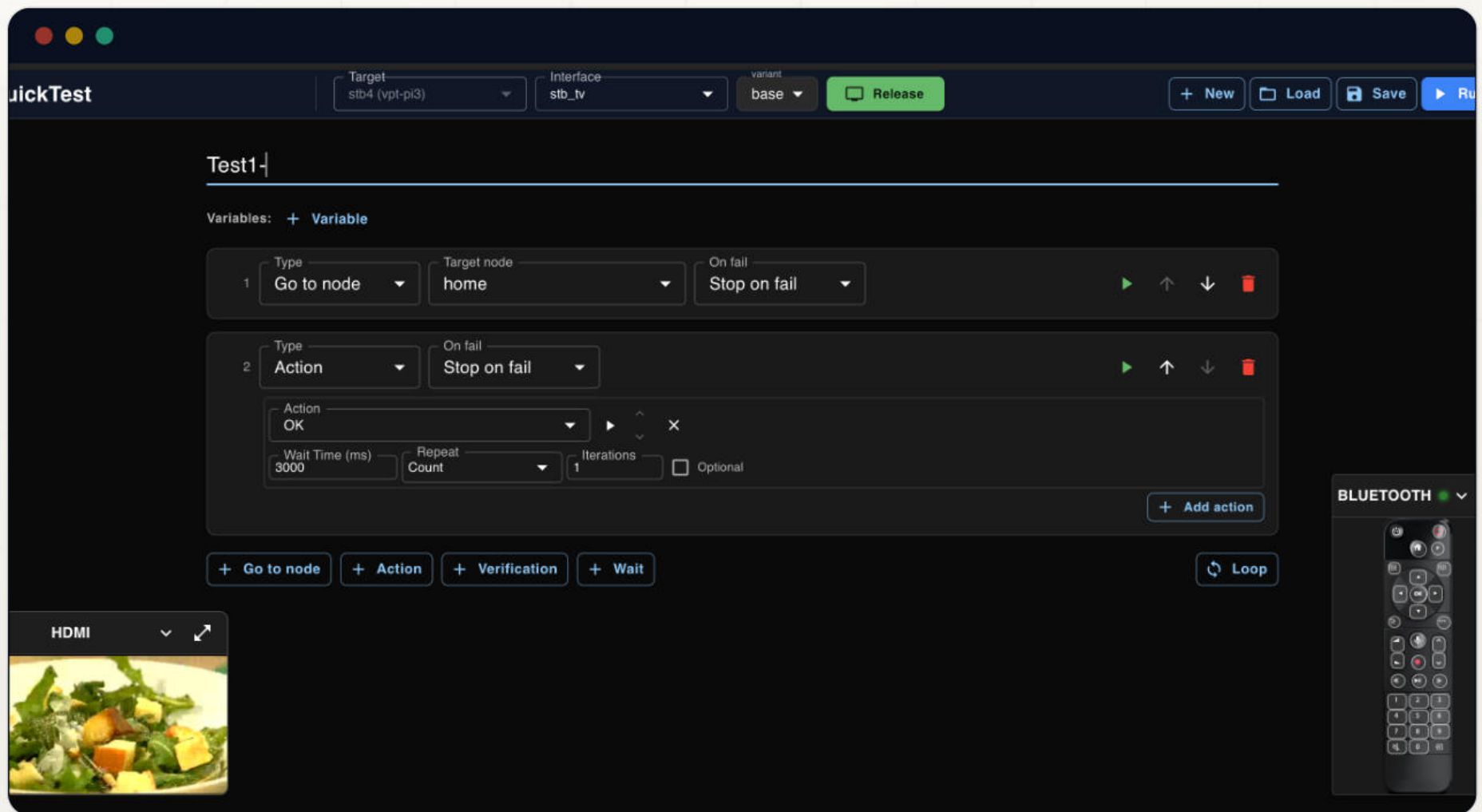


Every screen & path becomes a **reusable graph**

Tests stay tiny — they navigate, they don't repeat

Change a screen once; **every test follows**

No-code for the team. Python for the engineers.

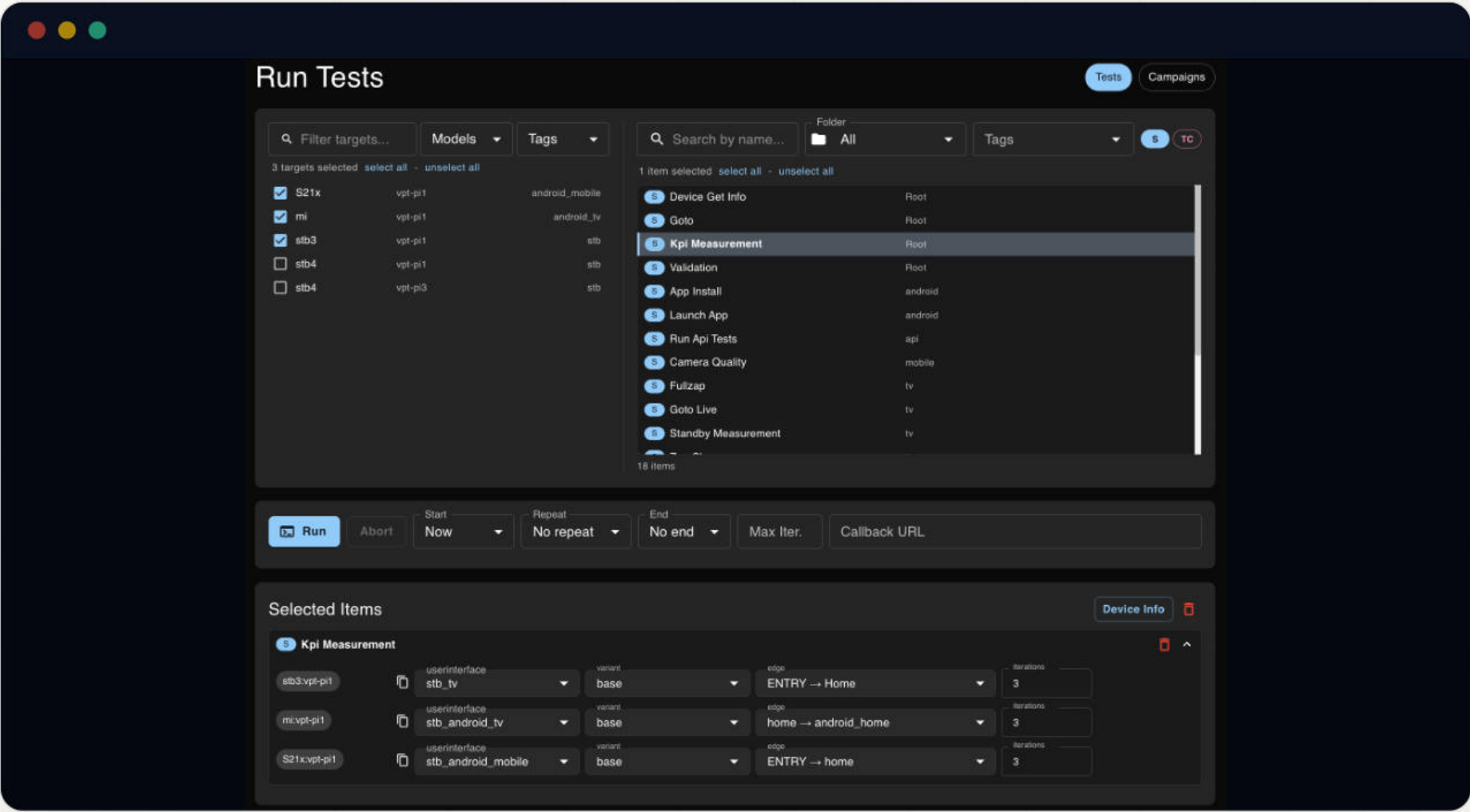


Visual **drag-and-drop builder** for everyone

Full Python the moment you need real logic

Every skill level builds **the same suite**

One script — every platform.



The **navigation graph** keeps the UI out of the script

Named variants override only what differs per model

The same run drives **mobile, Android TV & STB**

It proves what's
actually on screen.

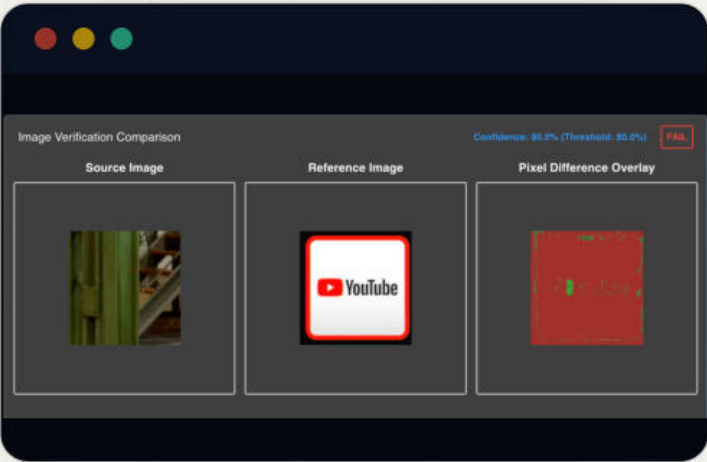
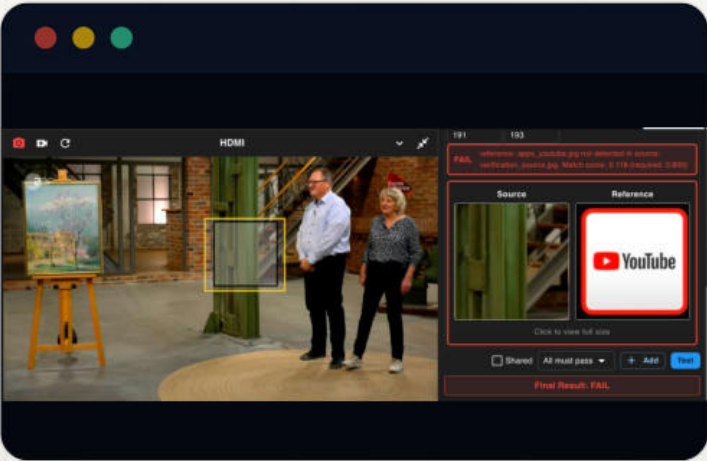
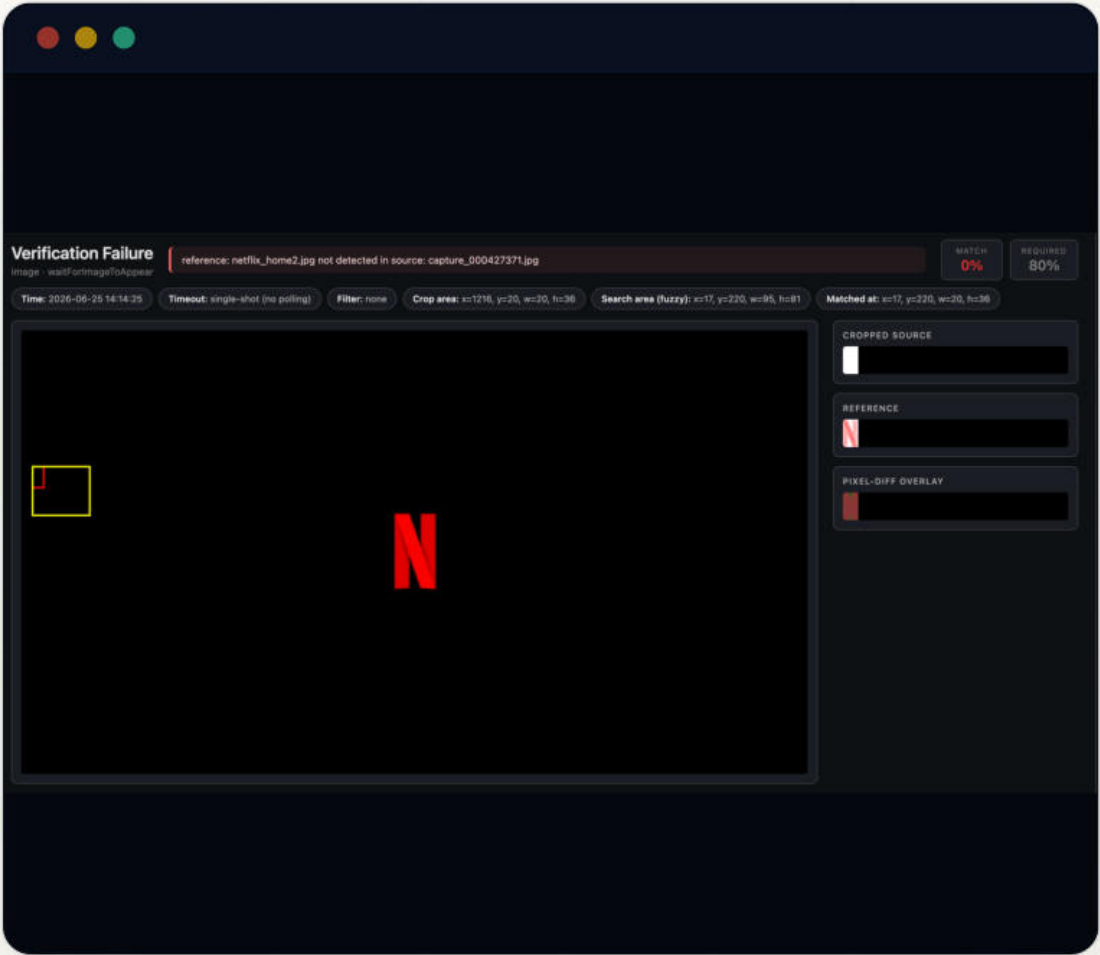
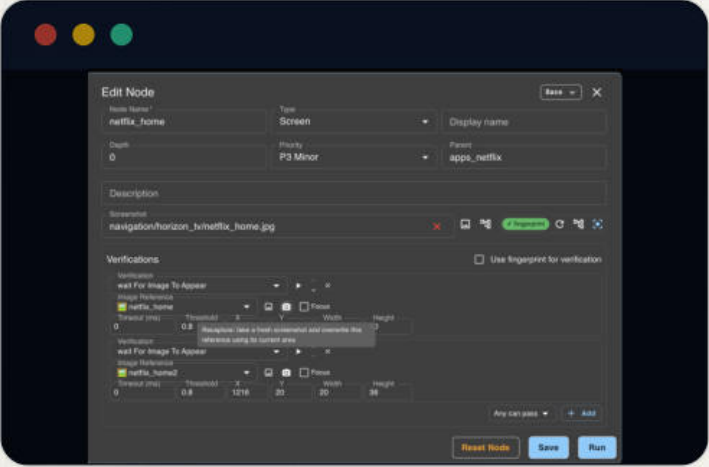
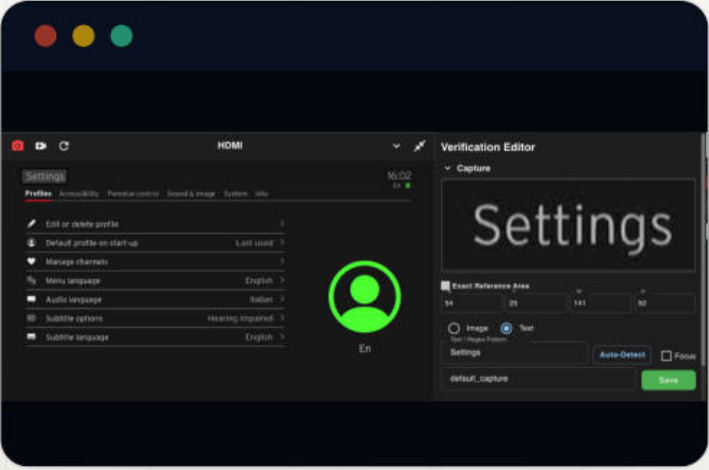
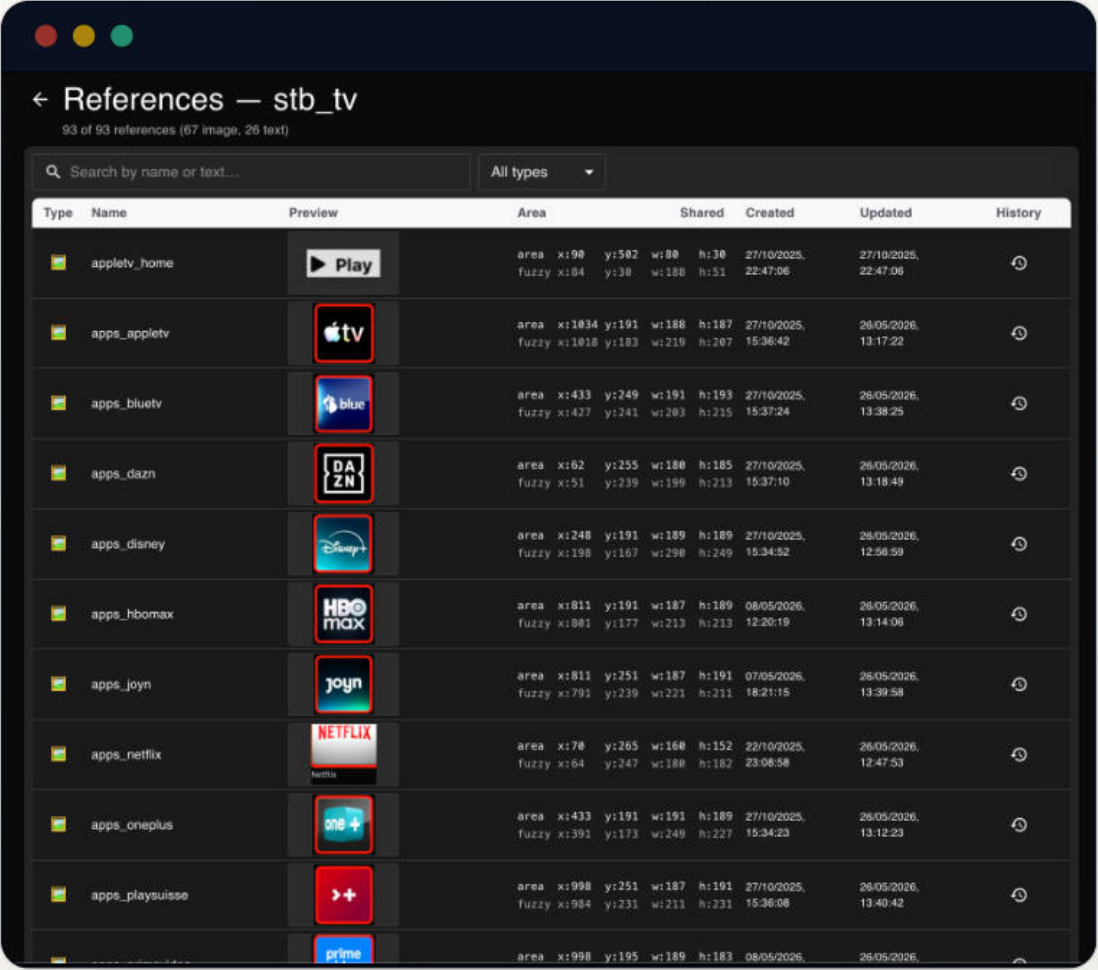


Image matching, **OCR text**, AI
detectors

Confirms real pixels, not just a
log line

Every check is **evidence you
can show**

Reference images & text — easy to maintain.

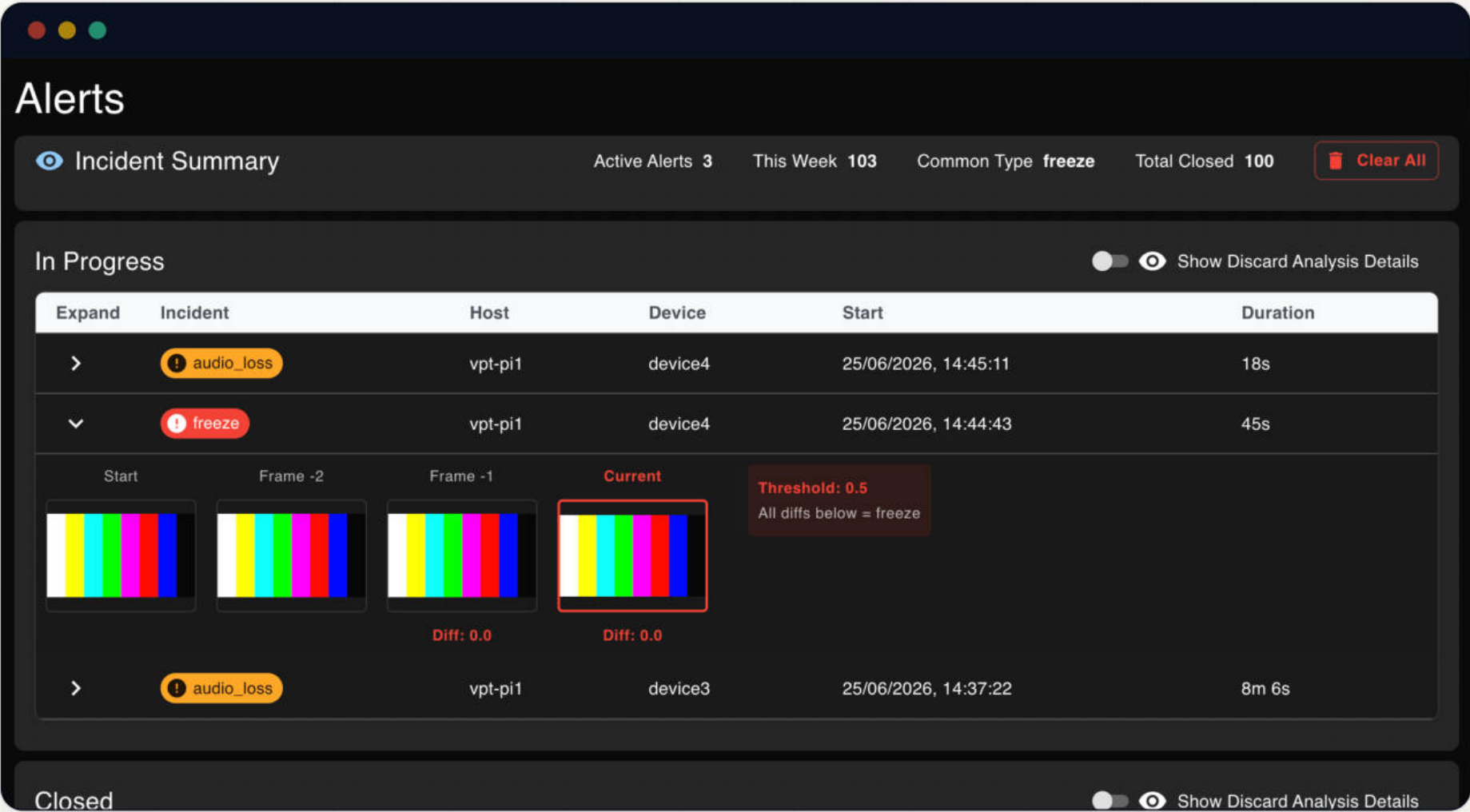


One library for every image & text reference

Auto OCR & focus detection — no manual cropping

One-click recapture when the UI changes

Black screen, freeze, audio loss — caught in real time.

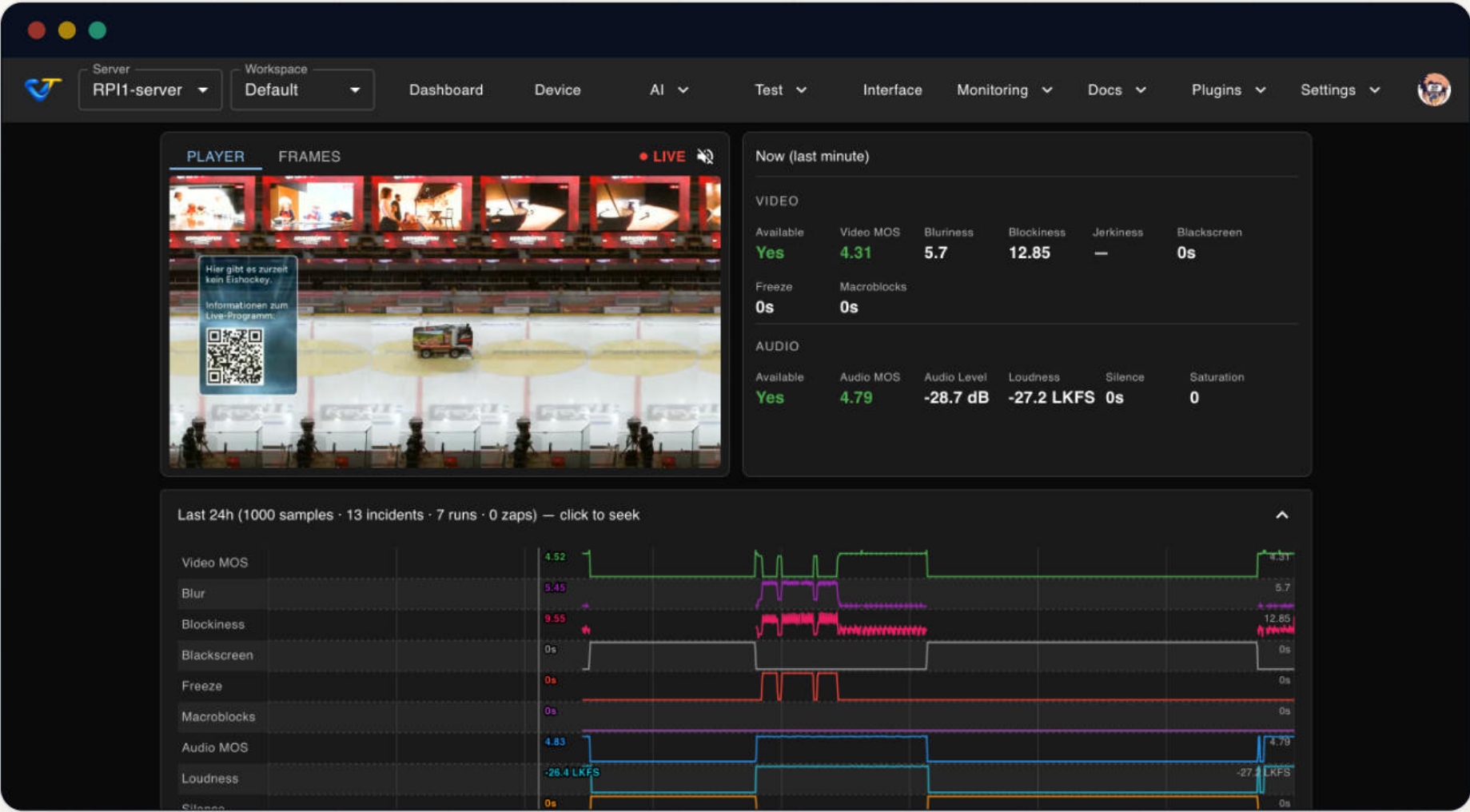


Every device **watched around the clock**

Incidents alerted the moment they happen

Active & resolved incidents, **fully tracked**

Audio & video quality, measured every minute.

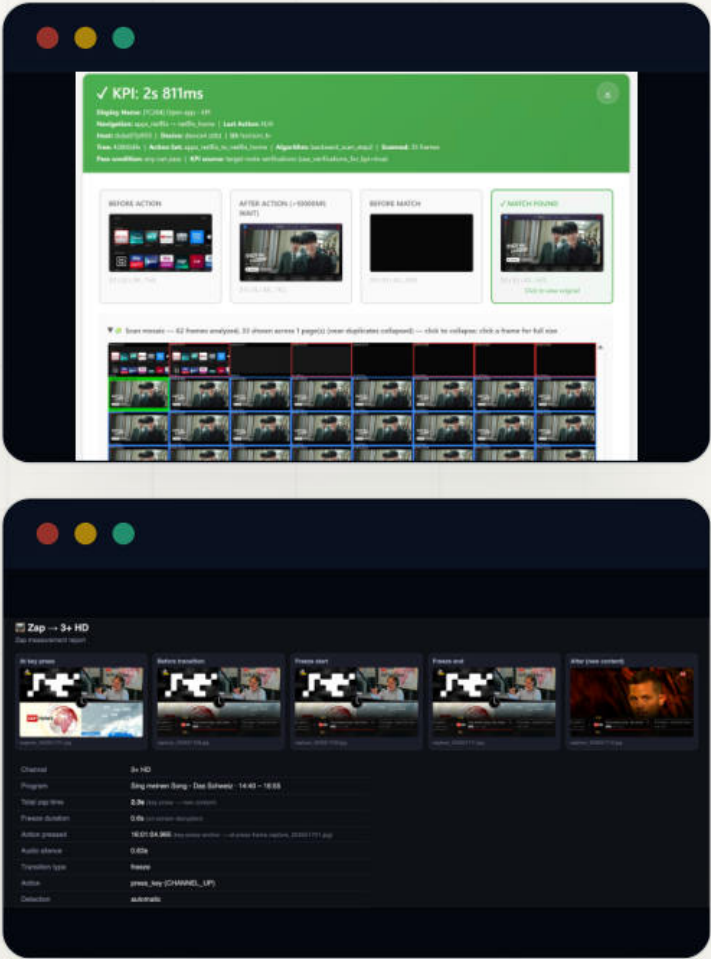
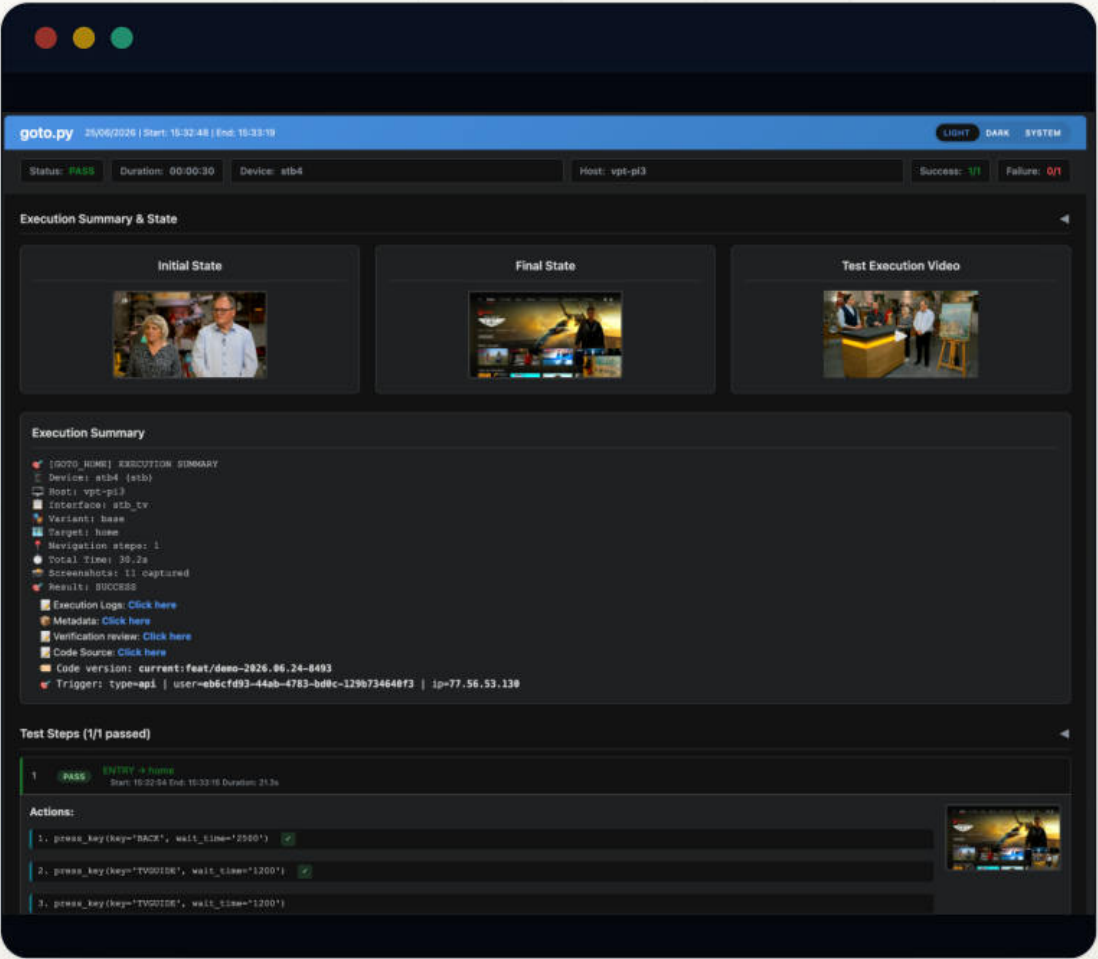


Per-minute **A/V quality KPIs** per device

Trends per platform and software version

Quality you can chart, not guess

Every run — a report you can read.

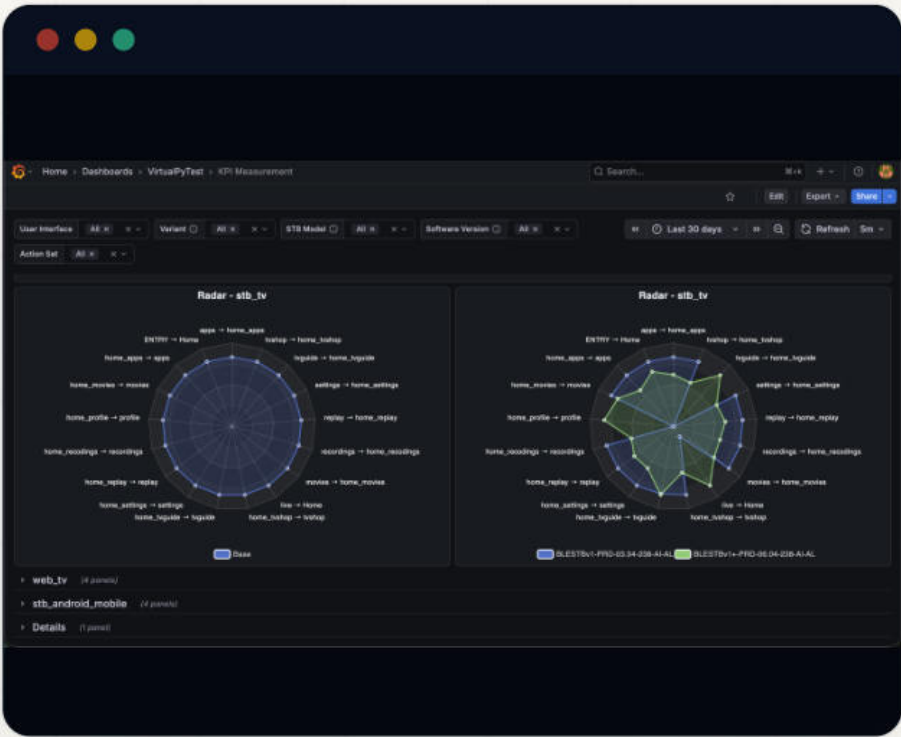
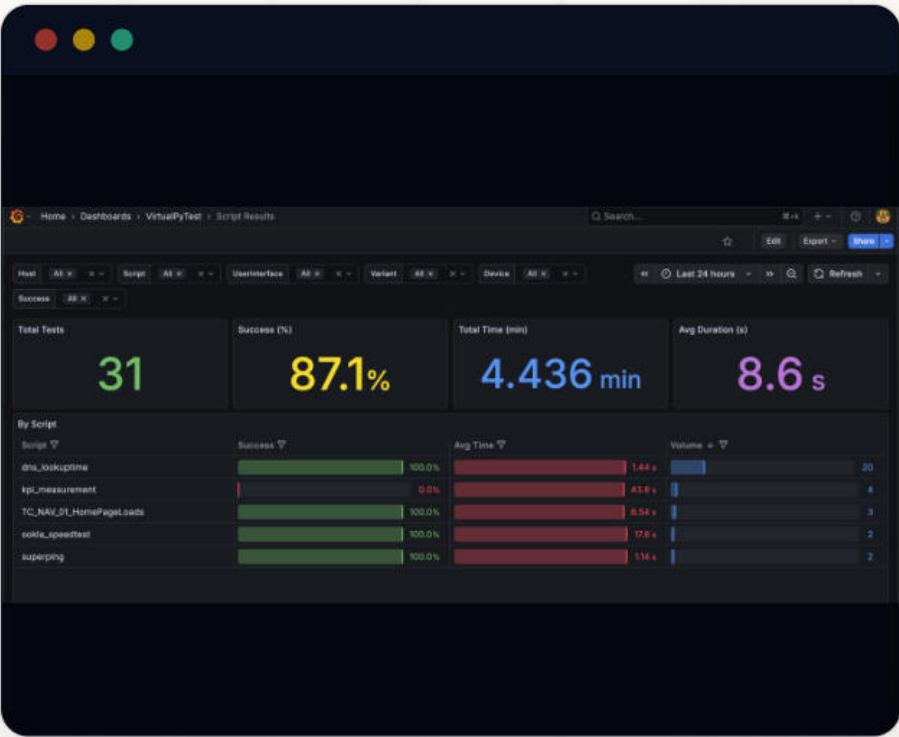


Pass/fail summary — initial & final state, video

KPI & zapping times captured automatically

Auto-generated — nothing to wire up

Every result, in native Grafana dashboards.

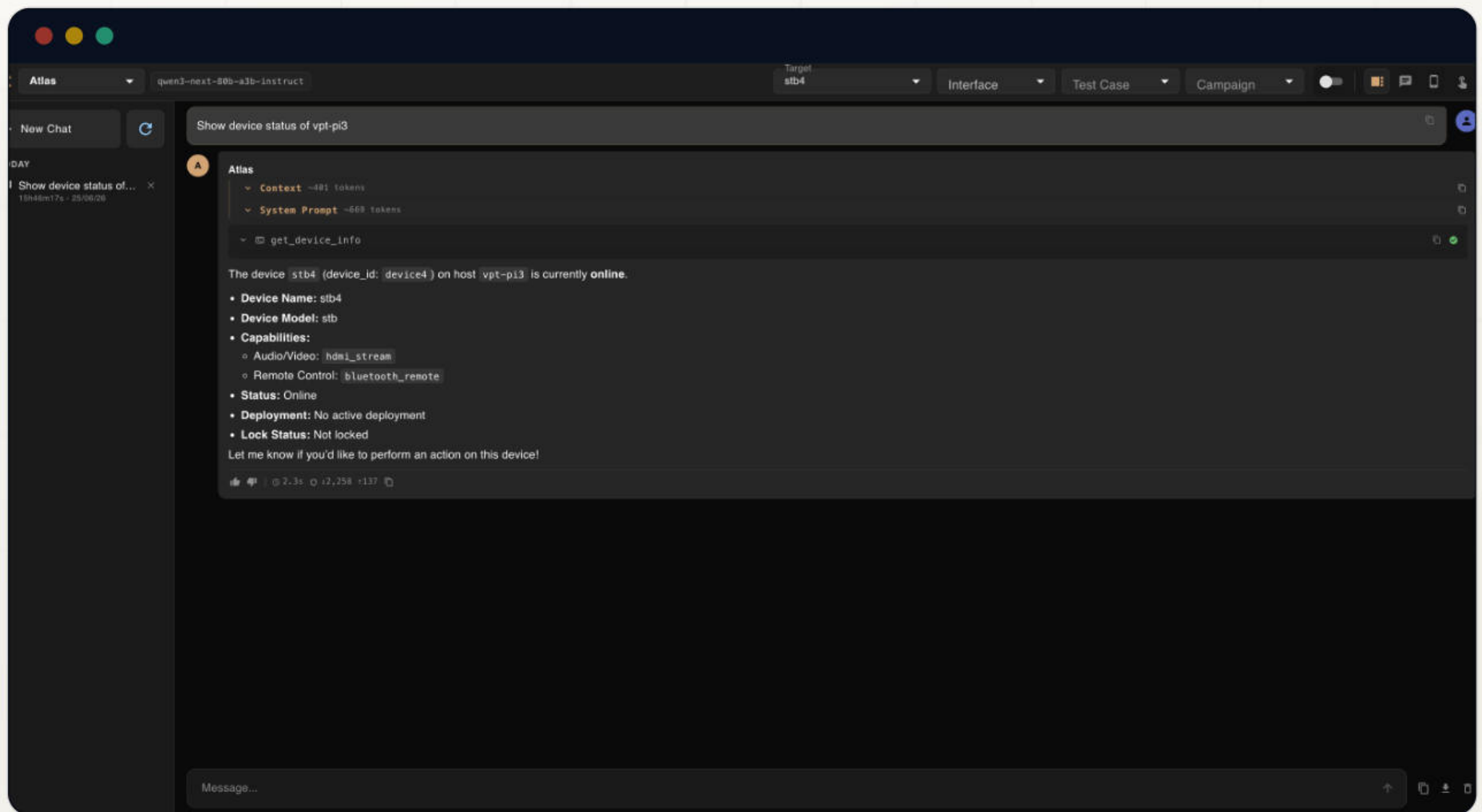


Pass rates, duration & volume
per script

Per-step KPI radars across
versions

Standard Grafana — own it,
extend it

Talk to your lab. The AI drives the device.

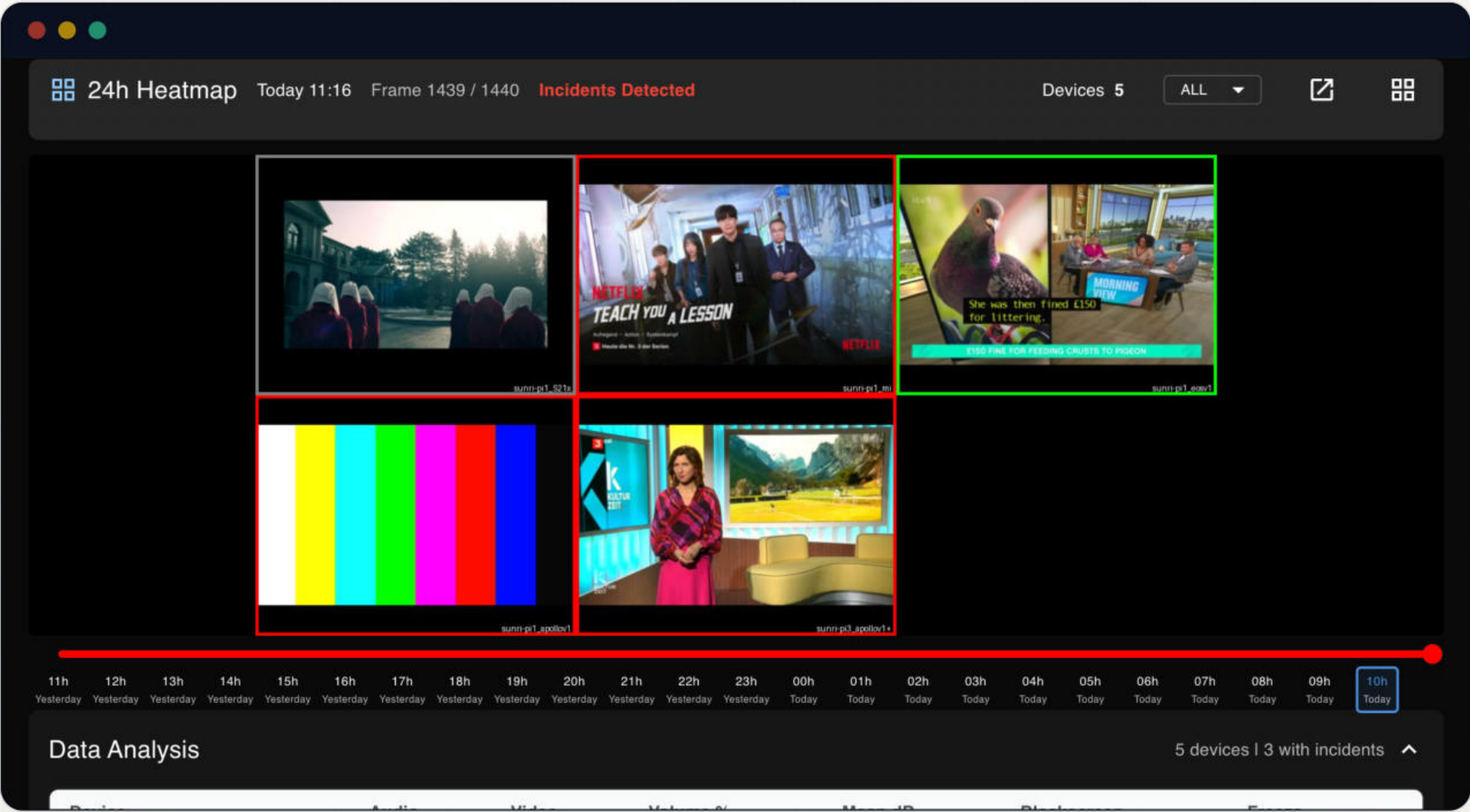


A **real agent** on a real model —
not a scripted bot

Built-in **MCP server** — any AI
client can connect

From chat it **inspects & controls**
the device

A fleet heatmap and 24h of screen to scrub back.

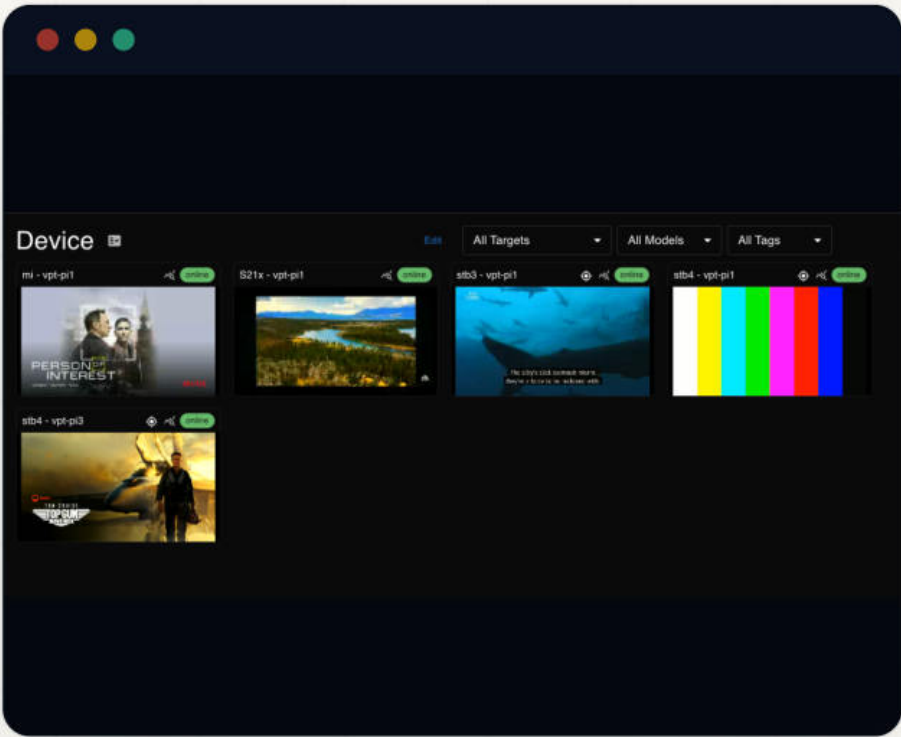
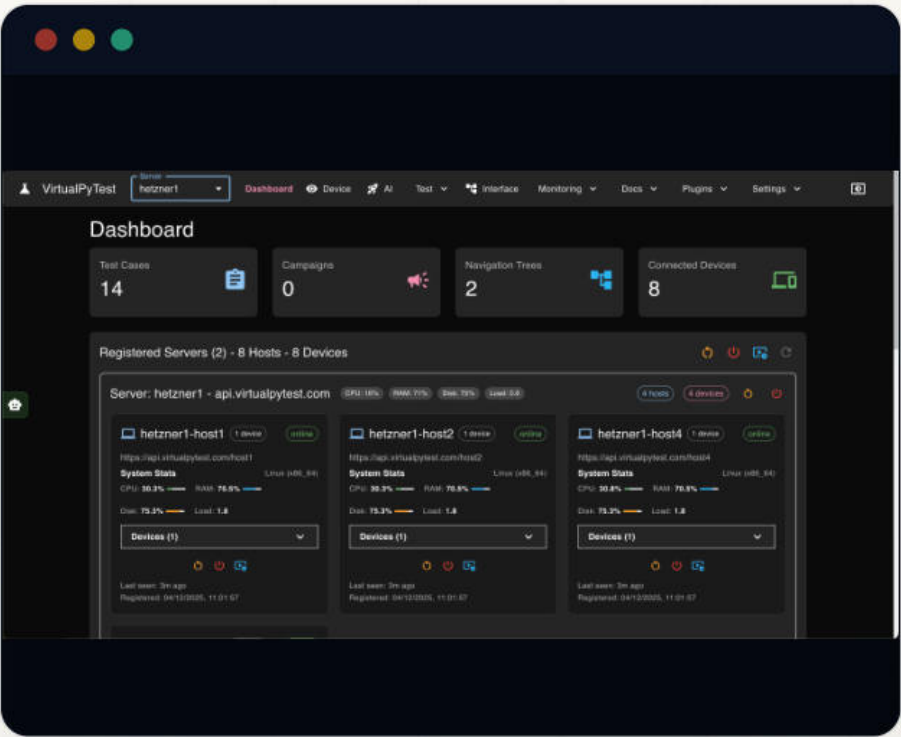


One glance shows **where the fleet hurts**

24h of every device's screen, recorded

Scrub back to **what happened at 3 a.m.**

Your whole fleet — status and live screen.

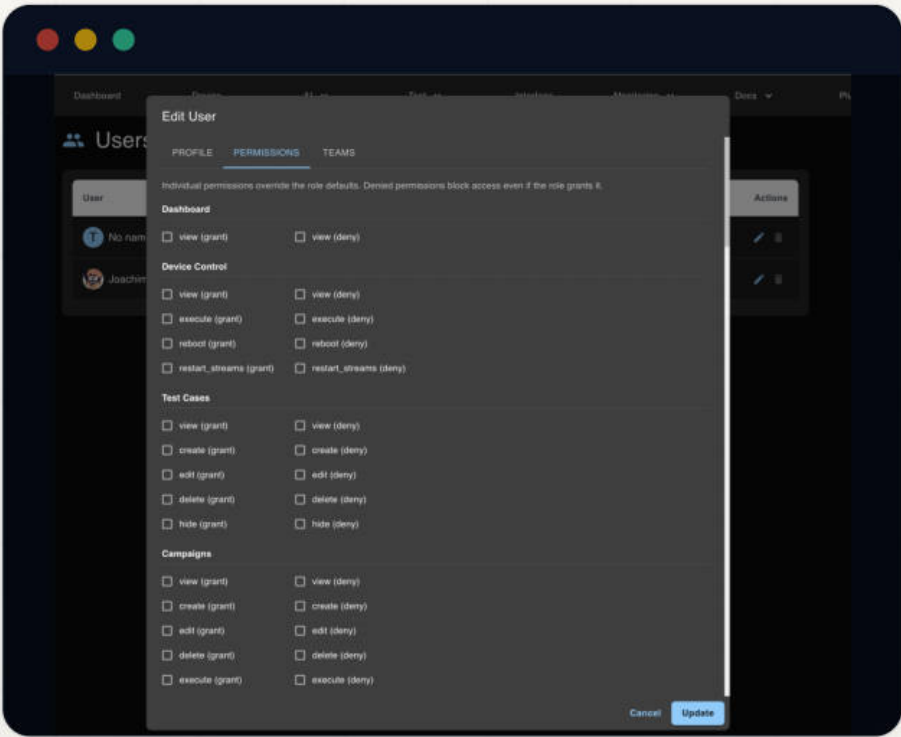
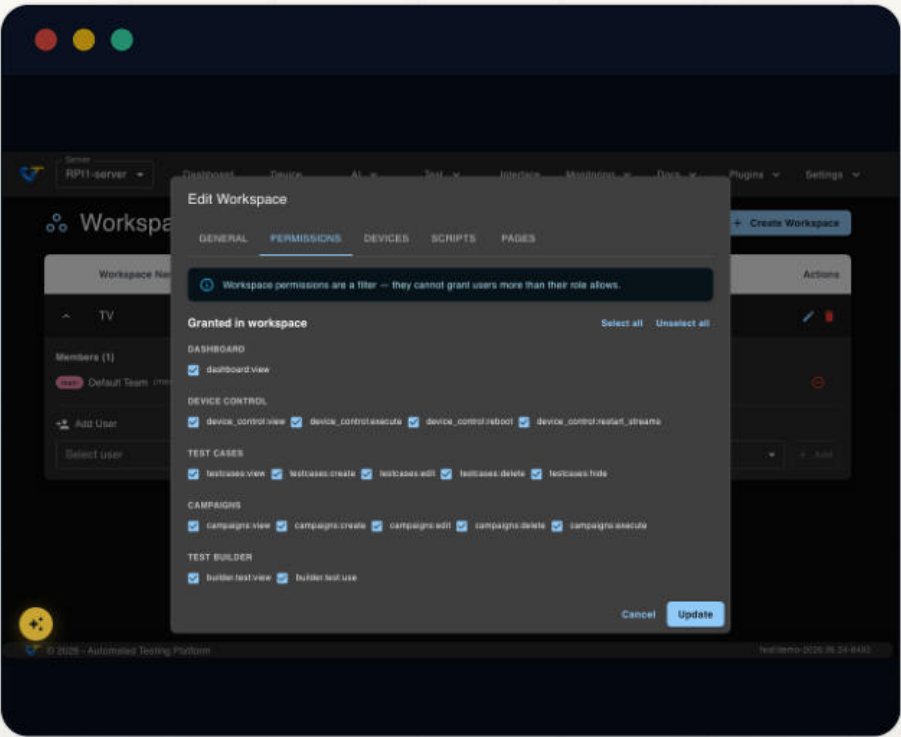


Fleet dashboard: hosts, devices
& system metrics

Live screen of every device, side
by side

Operate hosts & **restart services**
from the browser

Permissions — down to the last action.

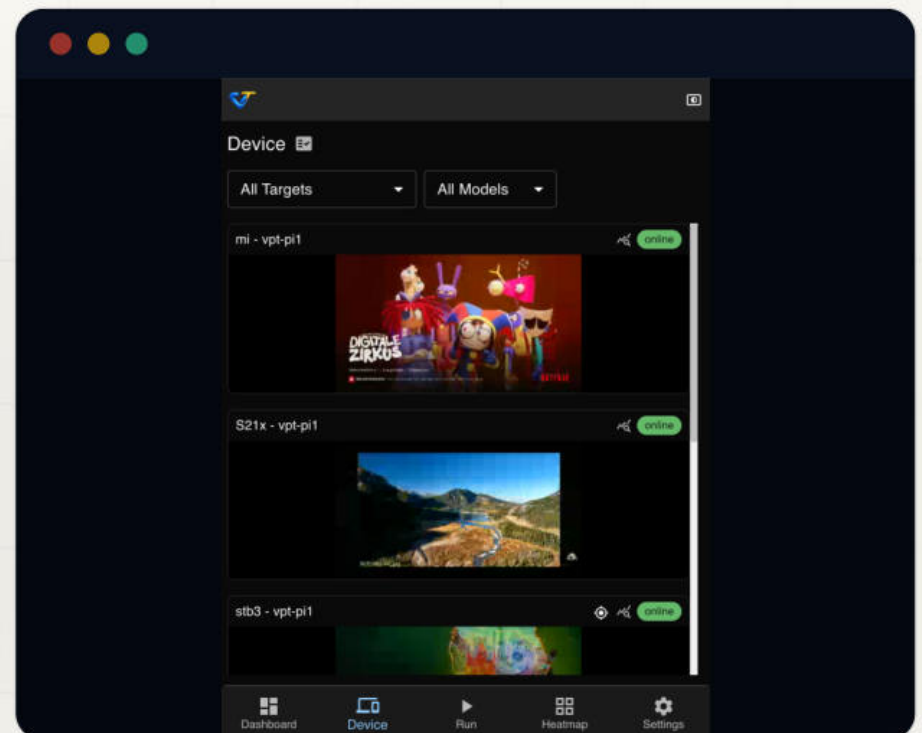
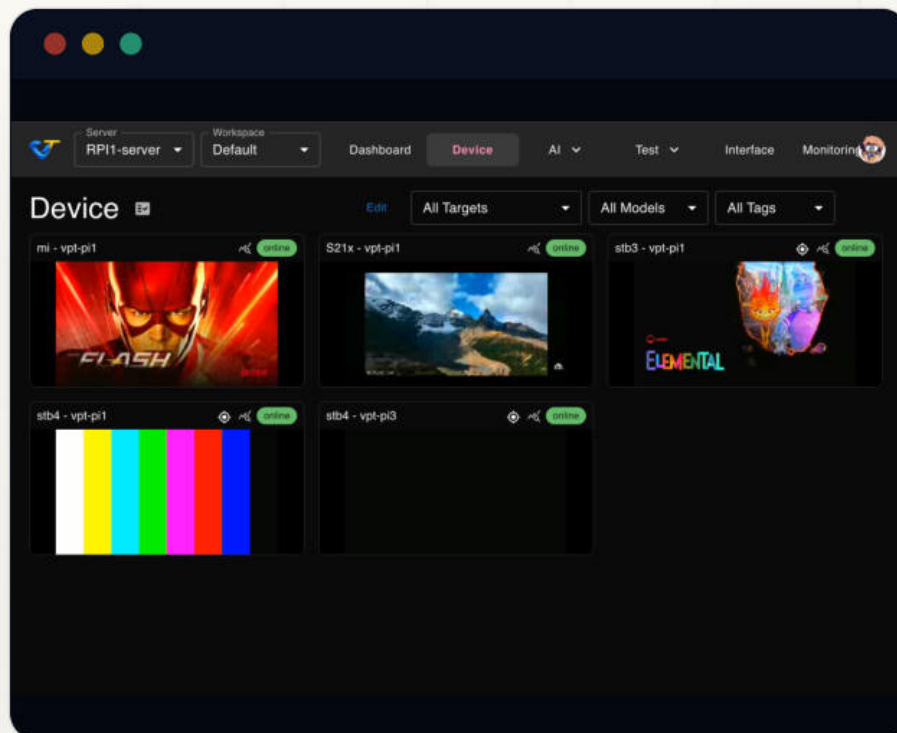


Scoped per **workspace, team & user**

Grant or deny every single action

A granularity **others simply don't offer**

Runs in any browser — desktop to phone.

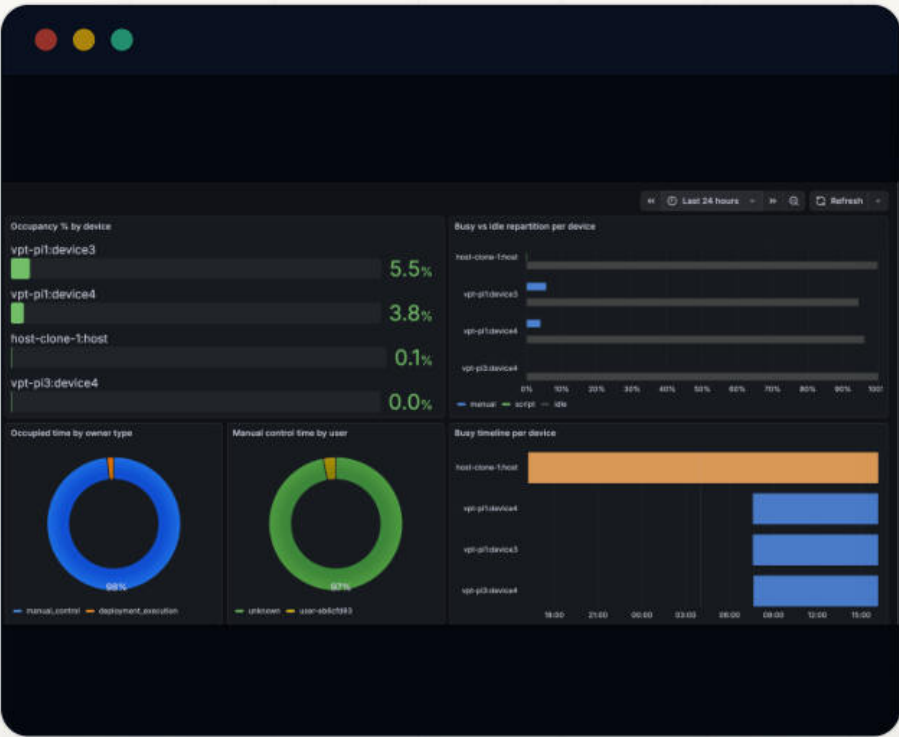


—
Nothing to install — just open a
browser

—
Desktop, tablet or phone — **fully
responsive**

—
Operate the whole lab **from
anywhere**

Every device accounted for — every host healthy.



Device occupancy — busy vs idle, manual vs script

Host health 24/7 — CPU, memory, disk & temperature

Every session & incident logged — utilization you can prove



All of it — yours to own.

- **Open source** — you own the code, the tests, the data
- **Flat fee** — your 10th, 50th, 200th device is never a license
- In production at a **tier-1 European TV operator**

→ virtualpytest.com