

Grid Data Testing Platform

Continuous, visible, AI-assisted testing for the Grid Data family — and any API you point it at.

The Grid Data Testing Platform (GDTS) is an automated testing system for the Grid Data family and any API you register with it. QA teams build multi-step test cases in the browser, curate them into reusable suites, watch them run against live environments, and gate CI/CD pipelines on the result — with an AI assistant that drafts steps from a plain-English description.

KEY FEATURES

Any application, not just ours

Register any API as a test target — base URL, API description, health check, and credentials — beside the built-in GDM and GDS; each step picks its target from a list.

Build tests in the browser

Multi-step test cases built in the browser from what the API already offers — insert and reorder steps by drag and drop, clone cases between modules, and assert on responses.

Steps that build on each other

Later steps build on what earlier steps created, so whole business flows run end to end.

AI test generation

Describe the test in plain English and the AI assistant drafts the executable steps, ready to review and refine.

Reusable test suites

Test cases are shared across suites: edit a case once and every suite that uses it follows. Add cases in bulk; run a suite straight from the list.

A gate for CI/CD

A pipeline runs a suite against the environment it is testing and gets pass or fail back — so a regression cannot ship.

Live execution

Watch cases pass and fail as they execute, not after.

Reports that explain

Every run keeps its step-level execution flow, request logs, generated ids, and assertion failures — downloadable as PDF, with totals and trends on the dashboard.

USE CASES

- **Release regression** — run the suite against every release candidate and let the pipeline gate on it.
- **Environment smoke testing** — verify a freshly deployed environment end to end, straight after ControlPlane finishes.
- **QA without code** — functional testers build and maintain API test cases through the UI, at the speed of the sprint.
- **Testing beyond the family** — the same builder, suites, and reports for any service with a published API description.
- **Faster authoring with AI** — start new test cases from a sentence, then refine.

BETTER TOGETHER

GDTS closes the family's loop: ControlPlane deploys an environment, Grid Data Simulator fills it with realistic data, and the Testing Platform proves it works — in every pipeline, release after release.