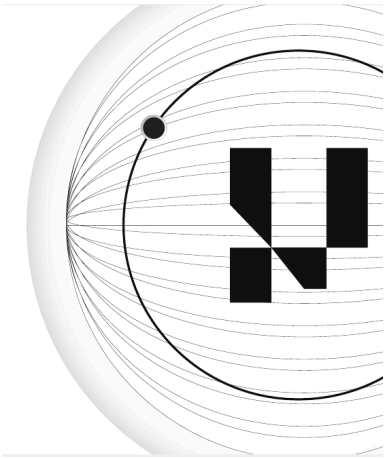
TestMu AI
Formerly LAMBDATEST

CUSTOMER CASE STUDY · FRAMEWORK MIGRATION

Proprietary tool to Playwright

A global bank moved ~1,000 customer-website test scripts from a proprietary tool to Playwright, cutting licence cost and regression time in one move.



CLIENT	MIGRATION	SCALE	TESTMU AI USED
Global bank, retail customer website	**Proprietary tool → Playwright**	**~1,000 web test scripts**	**Framework Migration Agent, HyperExecute**

~81%	~70%	25%	$0	0
of standard tests converted automatically	of complex tests converted automatically	less regression time after migration	proprietary licence cost after migration	vendor lock-in: the client owns the code

The problem

- **Locked in**
  Years of regression tests for the customer-facing banking website lived inside a proprietary tool and could not leave it: no readable code, no Git, no other runner.
- **Rising cost, shrinking options**
  Licence spend kept growing while the only exit on offer was a months-long manual rewrite of login, payments and account journeys.
- **Rewrite risk**
  Every hand-written script risked drifting from what the original test actually checked.

What TestMu AI did

- ✓ **Asked for nothing but a run**
  Each test ran once on TestMu AI. That run was the input. No source assets, no proprietary workspace, shorter security review.
- ✓ **Converted from evidence**
  Playwright scripts were generated from the run's logs and video, so every step is traceable. Unclear steps were flagged, not guessed.
- ✓ **Handed over ownership**
  The client owns the Playwright code and runs it with CI/CD on TestMu AI HyperExecute.

THE TAKEAWAY

Run it once. Own it forever.

The only input is **one successful run** of each test on TestMu AI. The output is **Playwright code the client owns**, traceable to evidence, running with CI/CD on HyperExecute. No rewrite, no lock-in.

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One test, before and after

A customer "Add payee and transfer funds" journey on the banking website, recorded once in the proprietary tool and converted.

BEFORE · PROPRIETARY TOOL EXECUTION

261 steps

54 seconds. Dense, tool-specific, unreadable outside the proprietary tool.

→

AFTER · PLAYWRIGHT ON HYPEREXECUTE

32 steps

41 seconds, same journey: 25% faster, readable by any engineer, 8 tests running in parallel.

Business outcomes

- **Proprietary tool exit without a rewrite**
  ~1,000 scripts migrated with no line-by-line re-authoring and no engineer months spent on it.
- **25% faster regression**
  Suite runs in parallel on HyperExecute, so release cycles shorten without adding headcount.
- **Audit-ready by design**
  Every converted step traces back to the original run's logs and video, ready for internal audit and regulator review.
- **Documentation for free**
  Plain-English test steps now serve manual QA, compliance and new joiners.

Conversion rate by test type

Standard tests (up to 20 steps) **~81%**

Complex tests (20+ steps, multiple integrations) **~70%**

The remainder was listed in the pilot report with reasons, not forced through. Out of scope: tests that depend on OTP or live card authentication, expired test data or unreachable environments; desktop and API tests.

How it ran: four streams, all in parallel

STREAM 01
Run as-is
Existing proprietary tool tests executed on TestMu AI, unchanged.

STREAM 02
Capture
Logs and video recorded per run. A short pilot sized the full job.

STREAM 03
Convert
Framework Migration Agent produced Playwright code, plain-English steps and a migration report per build.

STREAM 04
Run at scale
Converted tests went live on HyperExecute, batch by batch.

~1,000
test scripts migrated

~50 / day
simple and complex scripts converted per day

~4 wks
end to end, streams running simultaneously

Global bank · Digital banking programme

"We expected a migration project. What we got was our own test suite handed back to us as code we could read, version and run on HyperExecute with our own CI/CD."

Head of Quality Engineering
Digital banking, retail customer channels

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