TestMu AI

Atypon Accelerates Test Execution by 2×, Achieving 70% Faster Developer Feedback

Success Metrics

2x test execution speed improved

70% faster Local Environment Load Times

70% Faster Developer Feedback

20% Cost Efficiency

Industry
Software Development

Location
United States

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Company Profile

Atypon is a digital publishing platform provider founded in 1996 in Silicon Valley, delivering technology solutions for scholarly, professional, and academic publishers worldwide.

- Handles 4.63 billion user sessions annually, supporting large-scale digital publishing platforms.
- Trusted by 200+ global publishing customers to power their online publishing business.
- Hosts 700+ publication websites, more than any other publishing platform provider.

> For anyone looking to run their machine scenarios and perform remote browser testing, I highly recommend TestMu AI. The stability, speed of execution, and cost efficiency are the three main factors I value the most, and platform meets all of them." — Kareem Shammout, Senior Test Automation Engineer, Atypon

At a glance

Industry :
Software Development

Challenge :
Atypon's previous testing platform struggled with parallel execution and environment stability, which slowed down automation at scale. Local environment setup times were long, and running automated tests.

Location :
United States

Key Highlight :
With TestMu AI, Atypon achieved 2× faster test execution, 70% faster developer feedback, and 70% faster local environment loading times, while improving platform stability and reducing testing costs by 20%.

Solution Used :
App Automation
Automation Cloud
Test Manager
Real Device
SmartU

About:

Atypon, a Wiley company, is a global leader in content delivery and digital publishing platforms. Founded in 1996 in Silicon Valley, Atypon was built on a vision to democratize scientific research by empowering scholarly publishers with the technology to excel in an increasingly digital world.

Today, Atypon's flagship platform powers over 700 publication websites worldwide, hosting 34.7 million journal articles, half a million books, and content in more than a dozen languages.

The company supports over 200 clients, including some of the world's largest academic and professional publishers, and manages 4.6 billion user sessions annually.

To support this scale, Atypon needed a more reliable testing solution. Their previous platform struggled with parallel execution and stability, which limited automation at scale. After evaluating multiple tools, the team selected TestMu AI for its performance and scalability.

Achieving Improved Stability And 80,000+ Monthly Tests

As Atypon's digital publishing ecosystem grew, so did the scale of its testing operations. Today, two dedicated teams across two regions rely on TestMu AI to execute more than 80,000 automated test scenarios monthly.

The migration delivered immediate improvements in platform stability and a 20% gain in cost efficiency, which was critical for maintaining reliability at scale.

> "The environment stability is excellent, as is the stability of the TestMu AI Tunnel we use to connect and run local tests," says Kareem Shammout

This consistency has enabled Atypon's QA and development teams to work in sync, running complex test suites across browsers and devices.

2× Faster Test Execution And 70% Quicker Developer Feedback

Before the migration, local environment setup and test execution were slowing Atypon's development cycles. It could take up to five minutes just to load local environments, a delay that quickly multiplied across hundreds of tests and contributors.

> From the developers' side, TestMu AI loads local environments much faster. What used to take over 5 minutes with other platforms now takes under 2.
>
> Our automation runs, which used to take around two minutes, now take less than one. This allows us to save hours during regression suites." - Kareem Shammout, Senior Test Automation Engineer, Atypon

Now, with TestMu AI, developers experience up to 70% faster environment load times, reducing setup time from five minutes to under two. This enables teams to interact with live environments, validate UI behavior, and troubleshoot more effectively.

Combined with 50% faster test execution speeds, this acceleration can be seen across every sprint.

Faster tests lead to faster decisions. Feedback reaches developers sooner, allowing bugs to be diagnosed in real-time so releases can move forward without previous slowdowns.

Transitioning To A Unified Tech Stack

When Atypon first onboarded, they primarily used it for automation testing while relying on another vendor for visual regression.

As they experienced a strong platform, responsive support, and consistent performance, their confidence in the platform grew. This success led the team to consolidate their testing platforms into a single ecosystem.

- The team first migrated their visual regression testing to SmartUI.
- More recently, the team began transitioning from a competing test management tool to TestMu's Test Manager, with the goal of unifying test planning, execution, and reporting within a single platform.

Smarter Visual Regression With SmartUI

The SmartUI SDK is an ideal fit for Atypon's workflow. It enables their team to run visual comparisons across multiple views (iPhone, iPad, and desktop) within a single test scenario.

This capability has significantly reduced the effort required for visual regression testing, as a single automation scenario can now validate UI consistency across multiple devices and browsers.

Atypon's team also benefits from continuous feature enhancements, such as zoom controls, pixel-by-pixel and widget-level comparisons, and advanced difference highlighting, all of which make it easier to analyze and debug visual variations efficiently.

> "From a value perspective, the cost difference compared to our previous visual testing platform is substantial, offering the same functionality with better ROI," says Kareem Shammout.
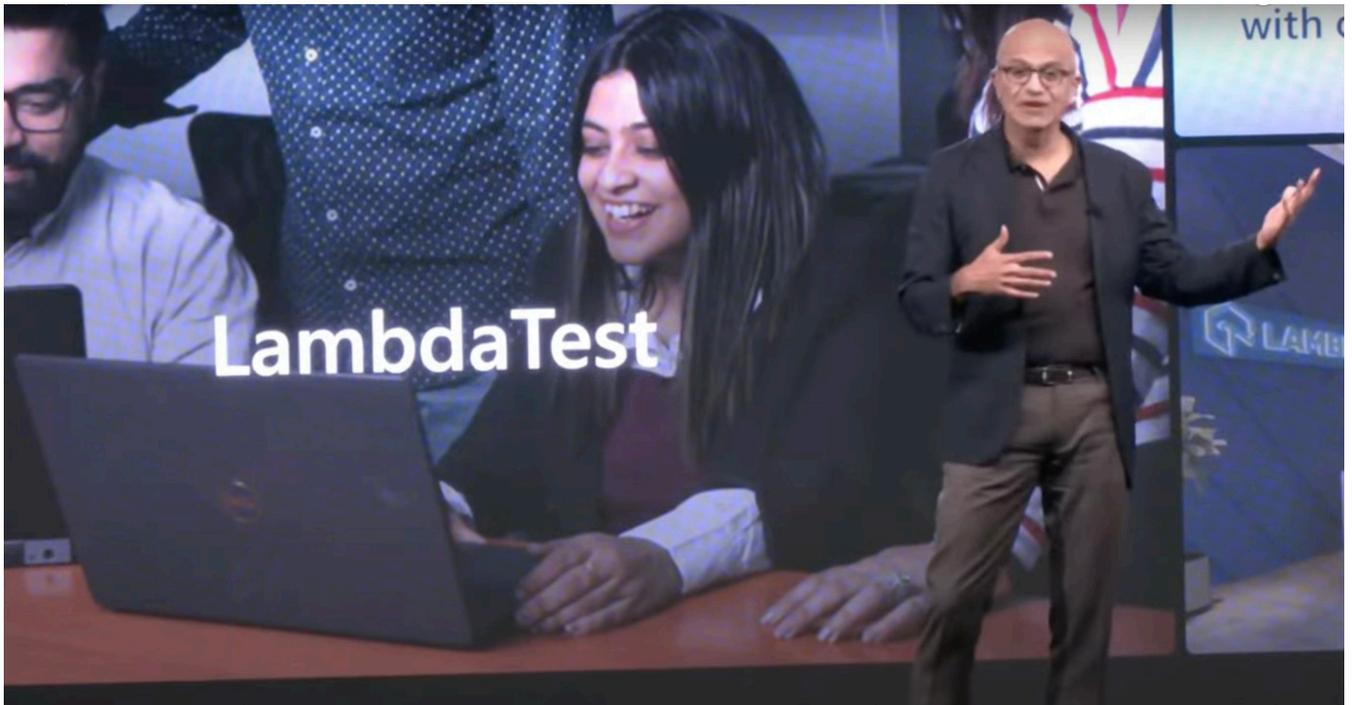
Image Source : Microsoft Future Ready Event

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LambdaTest (Now TestMu AI) is creating that next level of efficiency around test automation so that people can actually focus on testing versus test orchestration."

Satya Nadella, CEO, Microsoft

Partnership at Scale With Real Business Impact

For Atypon, the relationship with TestMu AI has been a genuine partnership, not just another vendor transaction.

> "We are happy with TestMu AI's support. The team's responsiveness and ongoing engagement are truly appreciated,"Kareem emphasizes.

This customer-driven development has created a positive feedback loop. Atypon shares what they need, TestMu AI delivers, and the platform becomes continuously more valuable for Atypon's specific use cases.

Results At A Glance

- 50% faster test execution
- 70% faster environment loading and developer feedback
- 20,000+ test scenarios executed weekly
- 20% gain in cost efficiency
- Unified automation, visual testing, and test management in one platform
- Ongoing feature releases driven by customer feedback

Ready to improve your testing? Start your free trial or schedule a demo to see how TestMu AI can help your team achieve similar results.

Start your free trial at testmuai.com or schedule a demo to see how TestMu AI can help your team achieve similar results.

About TestMu AI

TestMu AI (Formerly LambdaTest) is a fully autonomous agentic quality engineering platform that empowers teams to test intelligently, smarter, and ship faster. Over 10,000+ customers and 2 million+ users across 132+ countries rely on TestMu AI for their testing needs.

1.2 Bn+ Tests

2M+ Users

10K+ Enterprises

132+ Countires

Exploratory Testing

Enhance web and app quality to ensure seamless user experience with real-time, live, exploratory testing on 10,000+ devices.

KaneAI

Boost testing efficiency with an AI platform that uses natural language to create, debug and evolve tests.

Test Manager

Streamline test creation, management, & reporting for improved efficiency with AI - native unified Test Manager.

Automation Cloud

Accelerate product releases with secure, scalable, end-to-end test automation in the cloud.

Real Device Cloud

Test on 10,000+ real Android and iOS devices, and 3000+ browser combination cutting costs while ensuring compatibility.

HyperExecute

Accelerate testing speed by 70% with AI-Native orchestration for faster digital transformation.

Accessibility Testing

Ensure inclusive, accessible websites with TestMu AI's manual and automated Accessibility Testing tool.

Visual UI Regression

Achieve UI perfection quickly with AI-Native visual regression testing across all platforms.

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