

How Raiffeisen Bank International Started Off With 8,000+ Daily Tests with Custom Enterprise Architecture

Success Metrics

8,000+ Web and Mobile Tests Daily

40+ Teams Working on QA

30+ Mobile Devices & Multiple Major Browsers Covered

 Industry

Banking & Financial Services

 Location

Austria



Raiffeisen Bank International



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Company Profile

Raiffeisen Bank International (RBI) is one of Austria's leading corporate and investment banks, operating across 11 Central and Eastern European markets. With 42,600 employees serving almost 18 million customers, RBI operates strictly under European Banking Supervision. Their large team of developers competes with digital-first banks and fintech companies while maintaining the highest security standards required in the heavily regulated banking industry.

Introduction

RBI's existing setup served its purpose early on. But growing demands for faster feedback, broader device and browser coverage, and team-specific execution called for a more scalable approach. They partnered with TestMu AI to build an infrastructure that matched its organizational structure.

As RBI's digital banking services became core business offerings serving millions of customers, TestMu AI helped ensure seamless, secure banking experiences by scaling their testing infrastructure across 40+ teams while meeting strict regulatory compliance requirements for data isolation.

At a glance

Industry :

Banking & Financial Services

Challenge :

RBI needed testing infrastructure that could scale across remote teams while meeting strict regulatory compliance for data isolation and European banking standards.

Location :

Austria

Key Highlight :

Custom enterprise architecture enabled RBI to scale to 8,000+ daily tests across 40+ teams with complete regulatory compliance and team independence.

Solution Used :

[Native App Automation ↗](#)

[Real Device Cloud ↗](#)

[Automation Testing Cloud ↗](#)

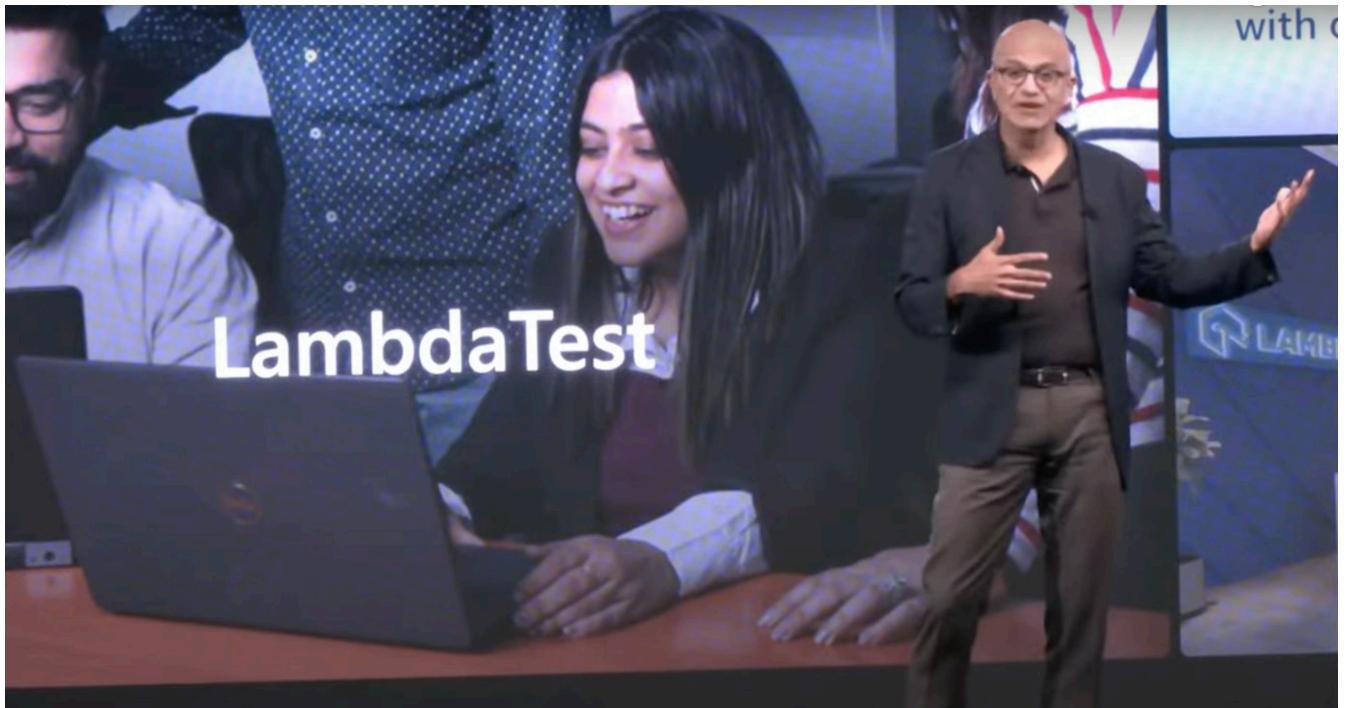


Image Source : Microsoft Future Ready Event

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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

As RBI's digital banking services became essential to serving millions of customers daily, TestMu AI helped ensure reliable, secure banking experiences that customers can trust across any device or browser, while enabling RBI's 40+ teams to deliver faster improvements and maintain the strict compliance standards that protect customer data.

TestMu AI built a custom enterprise architecture using sub-organizations that gave each team complete independence while sharing underlying infrastructure, including secure access to private environments and coverage across 30+ devices and multiple browsers.

Today, RBI runs thousands of tests daily across 40+ teams with secure access to real devices and browsers, all within a setup that meets stringent regulatory requirements.

Solving RBI's Core Challenges: Compliance, Team Separation, Infrastructure Modernization, and Scale

Operating across multiple European markets, RBI needed tooling that could better support its growing testing requirements while staying aligned with strict compliance standards.

To support rapid delivery across multiple teams, RBI needed a frontend testing approach that was flexible, scalable, and easy to integrate into existing pipelines. Tests written in frameworks like Selenium, Playwright, or Robot Framework had to run reliably across devices and browsers, without sacrificing speed or coverage.

Meeting those requirements resulted in four core challenges: compliance, team separation, infrastructure modernization, and scale.

1. Building Custom Team Architecture for Regulatory Compliance

RBI required a solution that would allow centralized control while ensuring strict data isolation across different testing groups. The challenge was to create a setup that could support multiple teams working independently, without cross-contamination of data, in compliance with European banking regulations.

"As test automation is a key priority within RBI, we were looking for a model that fits our organizational structure and ensures that every team is able to execute their tests independently and in isolation from each other."

-David Zeller, CTO, RBI

TestMu AI collaborated with RBI to implement an enterprise setup with sub-organizations, allowing each group to operate as an isolated entity. We implemented sub-organizations to represent individual teams.

This approach made it possible to manage licensing, usage tracking, and data isolation more effectively.

Key enterprise features like SSO and secure tunnels were also integrated, enabling seamless access to private banking environments while maintaining compliance across all layers. This enterprise setup now allows developers to test independently under a shared infrastructure, with full control and auditability.

2. Replacing Older Infrastructure with Modern Device Coverage

RBI needed comprehensive coverage across devices and browsers that their customers actually use, requiring access to modern devices and browser variants for seamless application performance.

TestMu AI's device farm provided access to 10,000+ real mobile devices and extensive browser coverage, significantly expanding testing capabilities with tools developers could use effectively.

TestMu AI's tunneling feature addressed secure connection requirements, providing the essential bridge to RBI's private banking environments while maintaining strict banking security standards.

3. Developing True Partnership Beyond Standard Vendor Support

RBI looked for a technology partner who could collaborate and show flexibility when unique requirements were presented, rather than just offering a one-size-fits-all solution.

When the RBI requested better insights into test execution, TestMu AI implemented custom dashboard features specifically based on their request, demonstrating the collaborative development approach.

The partnership provides enterprise-level support with custom development capabilities, delivering fast issue resolution combined with listening to specific problems and building solutions accordingly.

4. Scaling Operations to 8,000+ Daily Tests Right After Implementation

RBI's Selenium Grid implementation now supports over 8,000 tests daily across their 40+ teams. The teams run tests in parallel, significantly reducing execution time and enabling faster feedback and more frequent deployments.

The test workload spans a variety of scenarios, including smoke and sanity checks, full regression suites before release, nightly builds, and interoperability testing across devices and browsers. Each team can run tests independently, without interference, while maintaining compliance with strict data isolation policies.

TestMu AI's infrastructure supports this scale while maintaining the autonomy each team needs, enabling consistent, high-coverage testing across both web and mobile platforms.

5. Planning Future Enhancements with Accessibility Testing and Better Team Models

RBI continues expanding testing capabilities through ongoing collaboration with TestMu AI, exploring accessibility testing support to ensure banking applications work for all customers.

The collaboration includes optimizing team setup and sub-organization structure as operations expand, with TestMu AI working to enhance existing architecture and explore additional capabilities supporting evolving testing requirements.

RBI Achieved Enterprise Testing Success By Partnering with TestMu AI

Through collaborative development of custom solutions, both organizations achieved their objectives: RBI gained a scalable, compliant testing infrastructure while TestMu AI developed innovative enterprise solutions for banking requirements.

The partnership enabled RBI to scale its daily QA while maintaining regulatory compliance. The collaboration delivers complete test coverage through Selenium Grid implementation, parallel execution for faster deployment cycles, and secure access across 30+ devices and multiple browsers.

"From the beginning, our collaboration with TestMu AI has been one of our biggest advantages."

– Irena Muzar, Engineering Coach, RBI

This approach positions RBI to compete effectively with fintech companies while meeting the stringent requirements of the heavily regulated banking industry.

If you're facing similar challenges with regulatory compliance, team separation, or testing infrastructure limitations, [book a demo](#) to discuss how TestMu AI's enterprise solutions can address your specific needs.

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+
Countries

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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