

APIContext Scaled API Monitoring with Akamai

The companies partnered to unlock global observability, compliance, and proactive API performance monitoring



Enriched telemetry



Expanded test coverage



Enabled end-to-end views

Enabling continuous API monitoring across the globe

APIContext provides continuous, proactive monitoring of APIs and applications for large, distributed global organizations. APIs have become the backbone of modern digital infrastructure, so APIContext needed a cloud partner that could match its scale, reliability, and regulatory rigor. As an Independent Software Vendor in the Akamai Qualified Compute Partner Program, APIContext empowers enterprises to ensure continuous API performance using real-world, end-to-end synthetic testing across Akamai's globally distributed cloud platform.

Driving visibility across complex environments

“Most transactions on the internet today — especially in regulated industries like finance, healthcare, and aviation — happen over APIs,” explained Mayur Upadhyaya, CEO of APIContext. “But most traditional uptime and observability tools were designed for web apps, not for APIs.”

Unlike traditional observability tools, APIContext proactively tests and monitors the API layer — that brittle and under-observed part of the digital delivery chain. It bridges this gap by continuously monitoring from the outside-in, identifying performance bottlenecks, flagging misconfigurations, and detecting conformance issues before they affect end users. This synthetic monitoring approach helps organizations ensure APIs perform as expected and comply with regulations and business policies.

As Upadhyaya said, “There’s a fragile middle between directory and application, and it’s a real pain point for developers. We created APIContext to help enterprises pinpoint and solve those invisible issues before they escalate.”

APIContext

Location

Seattle, Washington
apicontext.com

Industry

Software and SaaS

Solutions

[Akamai Cloud](#)
[API Security](#)

Powered by Akamai Cloud

APIContext chose Akamai for the performance, flexibility, and support required to scale monitoring. “Our core platform runs on [Akamai Cloud](#), including Akamai Managed Database Service, and we’ve adopted tools like Linode Kubernetes Engine, StackScripts, NodeBalancers, and Terraform to simplify deployment,” explained Jamie Beckland, Chief Product Officer and Chief Marketing Officer of APIContext.

This infrastructure enables APIContext to launch synthetic tests from all Akamai core compute regions, providing independent, end-to-end visibility across the full application lifecycle. With this architecture, APIContext supports enterprise customers that demand flexibility, portability, and resilience across hybrid and [multicloud environments](#).

Plus, APIContext expanded its telemetry to integrate with Akamai DataStream, giving customers the ability to correlate external performance data with internal system behavior. APIContext also integrates tightly with Akamai solutions, including API Security. With an end-to-end view of the entire API journey — from client request to origin response — Akamai customers can monitor API behavior outside of the edge, while Akamai protects and delivers traffic within its edge and cloud platform.

“This combination is extremely powerful,” continued Upadhyaya. “Customers benefit from enriched telemetry and better issue triage while ensuring performance issues don’t interfere with the user experience.”

Built for portability

According to Beckland, as APIContext looked across the cloud landscape, Akamai stood out not just for its technical capabilities, but for its collaborative approach. “The Akamai team helped us revisit our architecture, streamline deployment, and scale with confidence. “We were able to componentize and containerize our services, giving us the flexibility to serve more environments and customers around the world,” he said.

That flexibility is key for APIContext’s enterprise customers, many of whom operate hybrid, multi-cloud environments. APIContext’s ability to support these environments depends on both its own portability and Akamai’s globally distributed [cloud infrastructure](#).

“We serve organizations that need visibility from many endpoints around the world,” Beckland continued. “Akamai’s footprint helps us deliver that.”

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Akamai helped us not just meet, but rethink, what we could offer at scale.

— Jamie Beckland

Chief Product Officer and Chief Marketing Officer, APIContext

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Combining our advanced synthetic monitoring with a range of Akamai products, we help businesses proactively detect and address API performance bottlenecks, security vulnerabilities, and compliance gaps.

— **Mayur Upadhyaya**
CEO, APIContext

Delivering insight before impact

One of the most valuable benefits APIContext brings to joint customers is its ability to quickly pinpoint the root cause of issues, even in complex, multi-vendor environments.

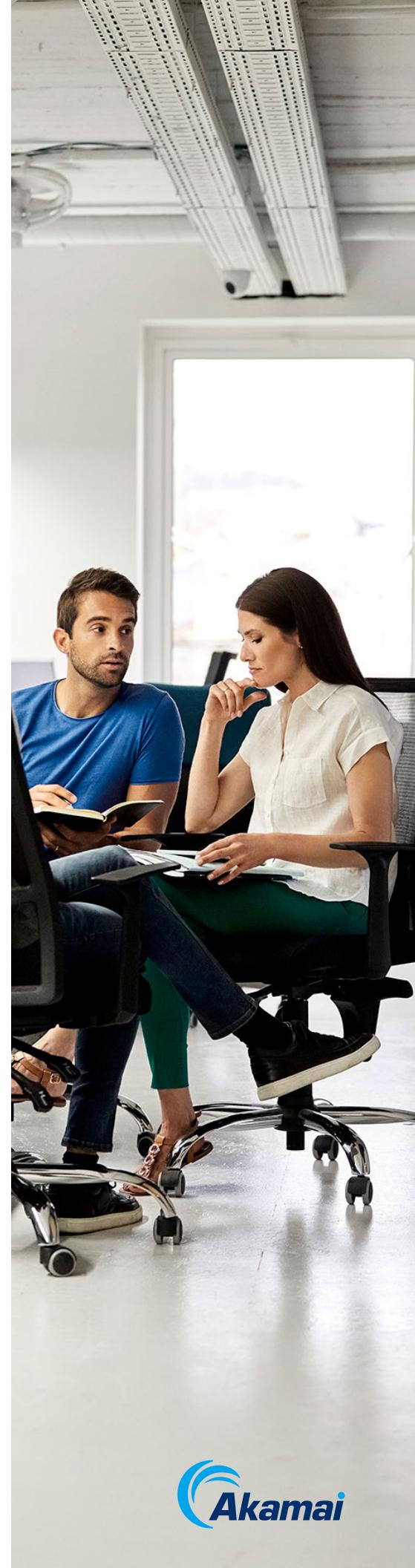
“APIs don’t exist in a vacuum,” said Beckland. “We provide the telemetry that helps companies figure out whether a problem lies with the app, the infrastructure, or a third-party provider.”

According to Upadhyaya, “It’s very easy for an Akamai customer to align our outside-in tests with what happens in DataStream.” This kind of insight allows teams to flag issues like low-tier DNS providers or misconfigured traffic paths before they impact end users.

In one scenario, APIContext helped a global trading platform uncover a critical DNS misconfiguration that was slowing response times outside its home region. “They were testing internally and couldn’t spot the issue,” Upadhyaya explained. “With outside-in testing and our integration with Akamai, we pinpointed the problem fast. That helped the customer avoid a lot of finger-pointing among vendors.”

Enabling continuous value delivery

For APIContext, the Akamai partnership isn’t just about infrastructure — it’s about helping customers derive value faster and more continuously. According to Upadhyaya, APIContext found a much easier entry point for its product, thanks to Akamai. “When customers combine our synthetic monitoring with Akamai API Security, for example, the value proposition is even stronger.”



Because API ownership is typically distributed across multiple teams — from development to security to compliance — the combination of Akamai and APIContext supports broader collaboration and visibility across the enterprise. “We’re making API reliability and security something more than just a technical problem,” Upadhyaya added. “We’re empowering a wider range of stakeholders to engage and take action.”

Moreover, the Akamai Qualified Compute Partner Program opened new possibilities for APIContext commercially. “Akamai serves some of the world’s most important brands,” said Upadhyaya. “We couldn’t reach these organizations on our own. Partnering with Akamai accelerates our ability to serve and scale, allowing us to address a much bigger market — and tell a much bigger story — as part of the Akamai ecosystem.”

Built for the modern digital era

As demand for observability and performance monitoring grows, APIContext sees its relationship with Akamai as a foundation for continued innovation and expansion. “Every minute of downtime costs revenue, disrupts workflows, and erodes trust. The APIContext–Akamai partnership gives enterprises the visibility and scale to ensure their APIs perform everywhere they operate,” said Beckland.

“As we grow, Akamai’s infrastructure continues to support our scale. We’re excited to expand our reach while helping customers ensure mission-critical APIs can keep up with the demands of the modern digital world,” Beckland concluded.



APIContext offers comprehensive solutions for API monitoring and observability, empowering enterprises to optimize API performance, mitigate risks, ensure regulatory compliance, and deliver exceptional product experiences.