

Advancing Global Cloud Services with Edge AI and Security

Powered by Akamai Cloud, Wangsu unlocked new dimensions of business growth with real-time data and in-depth protection



Reduced architectural complexity



Cut operating costs by about 20%



Protected data and applications

Strengthening business locally and globally

Wangsu Technology is a leading information infrastructure platform provider focused on CDN, edge computing, and security, and actively delivering innovative AI-powered applications such as intelligent traffic scheduling. As Wangsu expands, it faces challenges on two fronts. Cloud providers are encroaching on the traditional CDN market through cloud-edge integration, while legacy security vendors are intensifying competition. At the same time, geopolitical tensions, localization demands, and currency volatility all pose operational risks — compounded by increasingly stringent data security and compliance requirements that necessitate ongoing investments.

Partnering with Akamai to combine technological expertise with global network resources

The company takes a dual-market approach: At home, it continues to deepen its technical capabilities and reinforce its industry position. Internationally, it wants to accelerate its global expansion and deliver reliable, high-performance services to clients worldwide. Plus, as more of Wangsu's customers deploy AI apps, Wangsu needed the ability to address application security, performance, and edge AI inference.

To facilitate this strategy, Wangsu chose to partner with Akamai due to its technological edge and proven global service capabilities. "Akamai brings more than 20 years of industry expertise to the table, and its solutions covering everything from infrastructure to security addressing a range of real-world scenarios like ecommerce and live streaming," explained He Yingjie, Director of Business Cooperation at Wangsu Technology.

Specifically, Wangsu is taking advantage of the following Akamai solutions:

- **Akamai Inference Cloud:** Provides a fast, reliable platform for deploying small-model inference at scale.
- **API Security:** Guards against data breach risks in payment workflows, blocks the OWASP Top 10 threats, and meets global compliance requirements such as the EU's DORA regulation.



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Location

Shanghai, China
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Industry

Service Provider

Solutions

Cloud Computing
Content Delivery Network
Security

Products

Accelerated Compute
Akamai Inference Cloud
API Security
Firewall for AI
GPU



- **Content Delivery Network:** Enables fast, engaging app and API performance, and amazing streaming experiences to the largest audiences, on any device.
- **Firewall for AI:** Protects generative AI from prompt attacks, harmful output, and sensitive data exposure.



Akamai holds a competitive advantage in edge AI inference. Being able to apply edge AI in a wider range of scenarios helps businesses create greater value and further expand their growth potential.

Li Biao

General Manager of the Internet Business Division at Wangsu Technology

Through this partnership, Wangsu Technology aims to unlock breakthroughs in several areas.

- **Cost optimization:** Leveraging Akamai's distributed architecture and experience, Wangsu will reduce reliance on centralized hyperscale models, driving substantial savings.
- **Stronger security:** Drawing on Akamai's industry-leading solutions, threat intelligence, and global operations team, Wangsu will protect enterprise data and applications end to end.
- **Technology innovation and integration:** Tapping into Akamai's continuous innovation and ability to integrate resources across partners, Wangsu can deliver more effective solutions.

Building differentiated capabilities to strengthen the client value proposition

Akamai Cloud helps Wangsu Technology stand out from traditional cloud providers with a distinctive edge. Clients gain access to global traffic orchestration without rebuilding their infrastructure, meaningfully improving service responsiveness and user experience.

Wangsu's clients primarily migrate three types of workloads to Akamai: globally facing web applications, high-traffic data processing, and fast-iteration dev/test environments. With Akamai, they tap into distributed nodes, cost-effective bandwidth, and flexible architecture to improve both agility and cost efficiency.



Developing a solution in-house requires a significant investment of time, people, and resources. By partnering with Akamai, we leveraged its existing technological advantages, global network, and client base to rapidly expand our business and grow market share.

He Yingjie

**Director of Business
Cooperation at Wangsu
Technology**

Global network power: Winning on both cost and security

Wangsu leverages Akamai's core strengths: global network coverage, competitive pricing, security, flexible scaling, ultra-low latency, and technical innovation. Doing so, Wangsu has grown its business. Those capabilities have enabled it to build an efficient, secure, and cost-effective cloud ecosystem. For enterprises that are cost-conscious or need to scale quickly, this ecosystem helps maximize value and growth.

For companies expanding overseas, this ecosystem of lightweight, low-latency node resources helps them move fast, seize market opportunities, and establish a global footprint.

With Akamai, Wangsu was able to deploy close to users across globally distributed nodes, cutting latency by over 30%. Plus, Akamai's transparent pricing model eliminates hidden fees, enabling Wangsu's customers to keep a precise handle on — and predictably optimize — costs.

One smart hardware client migrated its streaming business to Akamai, cutting cloud costs by 30%. It also reduced North American user latency from 200 ms to 50 ms via Akamai's Toronto node, directly driving a significant lift in subscription conversions.

An ad tech company migrated from a traditional cloud platform and cut total cloud costs by 60%, with notable savings on network traffic. The move also satisfied the company's needs for real-time data processing and low-latency delivery worldwide.

An ecommerce client deployed Akamai GPU instances and Accelerated Compute for its virtual fitting room feature, achieving 20% lower inference latency than competing providers. "Akamai's Accelerated Compute instances powered by NETINT VPUs are one-tenth the cost of traditional CPU-based solutions and deliver throughput up to 20 times higher," said Yingjie.

Akamai's standardized APIs and modular architecture also integrate seamlessly into Wangsu's existing operations, reducing architectural complexity and cutting operational costs by roughly 20%.



Akamai helps our clients cut costs significantly, such as reducing cloud infrastructure costs by 40%. Compared to traditional cloud providers, Akamai's egress pricing is 50%–94% lower, and Akamai Inference Cloud delivers 3x the throughput and 60% lower latency.

Niu Xiaoke
Pre-Sales Engineer at Wangsu
Technology

Moving forward with a strategic partnership

Looking ahead, Wangsu will focus on three strategic priorities. First, building on Akamai's strengths in edge AI inference, Wangsu plans to drive adoption across more use cases and unlock new business opportunities.

Second, it intends to address emerging threats like AI-driven attacks with specialized protection solutions while broadening industry coverage and growing security revenue. Third, leveraging Akamai's cloud-neutral, no-lock-in approach, Wangsu will offer unified multicloud management, attract customers with multicloud strategies, and deliver gains in both cost efficiency and operational performance.

Wangsu hopes to continue exploring Akamai's solutions for edge AI and security, co-developing innovative solutions along the way. At the same time, Wangsu Technology aims to scale its client base significantly, using success stories in industries like streaming, ecommerce, and finance as proof points to accelerate market penetration.

On the innovation front, Wangsu will continue ramping up R&D in edge computing and AI security, bringing breakthrough products to market. This will help it stand out in an increasingly competitive digital landscape and strengthen its Akamai partnership in the process.

Asked to sum up Akamai as a partner in one word, Yingjie underscored Akamai's *reliability*: "Akamai's expertise, innovation, and dedication to clients have earned it a well-deserved place at the top of the industry. Akamai's team is consistently client-focused and committed to delivering service that exceeds expectations. The team's customer-centric approach enables it to stand out in a highly competitive market and establishes Akamai as a trusted partner," Yingjie concluded.



Founded in 2000 and listed on Shenzhen's ChiNext board in its inaugural batch in 2009 (300017), Wangsu Technology Science & Technology Co., Ltd. is a globally leading information infrastructure platform provider. Wangsu Technology remains committed to driving digital transformation across industries, ensuring users can process and interact with data securely and reliably, anytime and anywhere.

With a focus on edge computing, cloud distribution, cloud security, cloud computing, cloud services, and green data centers, Wangsu Technology helps enterprises put technology innovation into practice. It remains a trusted partner for digital transformation.