

Blockdaemon cuts hardware nodes by 90% and unlocks new revenue with AAM

APIGEE → AKAMAI AI AND API MANAGER • 70% LOWER GATEWAY COSTS

Blockdaemon switched from Apigee to the Akamai AI and API Manager (AAM) edge-native API gateway to reduce operational costs, boost global performance, and unify API management.

Challenges

- **Regional latency issues**
Stunted growth in the APAC and EU regions.
- **Centralization gap**
Lack of centralized control across gateways.
- **Inconsistent API experience**
Disjointed customer experience across APIs.
- **Cost control**
High add-on costs with Apigee.

The AAM solution

- **Transparent pricing**
Transparent pricing and reduced costs.
- **Advanced routing**
Smarter traffic flow with advanced routing.
- **Multi-region edge**
Multi-region edge-native deployment.
- **Deep data access**
Deep data access for billing integration.
- **Centralized controls**
Centralized controls with fully programmable policies.

Key results

90%

reduction in hardware nodes

70%

reduction in API gateway costs

Seamless

expansion into new geographies

Improved

availability, resiliency, and customer experience

About Blockdaemon

The leading infrastructure provider for blockchain, serving customers like Goldman Sachs, Microsoft, Plaid, and J.P. Morgan, and supporting billions of transactions and petabytes of data across \$3.3 billion in staked assets.

The journey to AAM

Blockdaemon's reliance on Apigee led to unsustainable costs and latency issues limiting global growth. Fragmented gateways and siloed APIs created management challenges and security risks. The result was a disjointed user experience with multiple API keys per product.

Blockdaemon needed a flexible, multi-region gateway with fine-grained security, programmable policies, and intelligent routing to optimize real-time blockchain transactions. They also required gateway data access to power an internal billing engine. After exploring Kong and similar providers, AAM emerged as the only solution meeting all requirements.

AAM delivered a centralized, edge-native gateway enabling dynamic routing and a unified entry point. Within two months, Blockdaemon successfully migrated critical systems, reducing nodes by 90% and expanding worldwide with confidence.



Our engineers absolutely love working with AAM and compete for tickets to work with it.

Ryan Waites, Senior Director at Blockdaemon



AI and API Manager

Built into Akamai Connected Cloud

Customer Case Study