

Reducing Latency and Cloud Costs

Partnering with Akamai for cloud, HarperDB reduced customer latency by 100 ms and computing costs by as much as 50%

70% ↓

Reduction in cost

200% ↓

Reduction in overall query speed



Reduced latency by 100 milliseconds

My name is Stephen Goldberg. I'm one of the founders and CEO of HarperDB. We help companies combine their database, API, and distribution logic into a single solution for faster time to market, near-zero global latency, and lower total cost of ownership. Our guiding vision has been to build the easiest database in the world that developers of any skill level can rely on to power their applications anywhere in the world and at massive scale.

HarperDB was born out of a need we had ourselves. We previously founded and led a big data and analytics company in the sports and entertainment space, and we were consuming various types of data on a massive scale. Processing that amount of data using the tools available at the time became increasingly complex and expensive. So much so that we set out to build a new global database solution that was easy to use, cost effective, and lightning fast.

That project became HarperDB, and now we're helping customers solve for latency in highly distributed use cases by giving them the ability to globally replicate data quickly and efficiently. To continue driving toward near-zero latency, we need a cloud provider that puts us in more locations and closer to all users around the world in the most cost-effective, highly performant manner.

HarperDB 

HarperDB

Denver, Colorado

harperdb.io

Solution

Cloud Computing

Prior to considering Akamai, we had a ton of experience working with large cloud providers. Performance and scale were often trade-offs, with costs piling up either way. All along, we have known Akamai as the company that engineered the transformation of the internet and has been solving some of the most complex technical problems for some of the world's largest companies ever since.

Akamai's entrance into the cloud market was exciting for us, and for anyone else building and delivering applications in the cloud. With the focus on low latency and being massively distributed, Akamai's vision for the transformation of cloud computing complements ours perfectly.

Akamai's cloud computing platform was the easiest to get up and running. The developer-friendly environment paired with the power of Akamai's massively distributed platform brought a unique value to the market, and one that was perfect for us. You won't find the easy, open, cloud-native experience powered by a complete, massively distributed cloud to edge infrastructure anywhere other than Akamai. And, the cost-effective and predictable pricing we could pass on to our customers was icing on the cake.

With HarperDB running on Akamai's cloud computing platform, data becomes accessible anywhere in the world nearly instantaneously. The partnership has brought tremendous results for customers, delivering **reductions in latency by 100 milliseconds or more, 200% reductions in overall query speed**, and in one case bringing a staggering **70% reduction in cost**.

Akamai's cloud computing services combined with the HarperDB solutions have proven to be a case of **one plus one equals three**.

Three words that describe the Akamai and HarperDB partnership are **trust, execution and innovation**.



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– Stephen Goldberg
CEO, HarperDB

From a technology perspective, our vision for the future of applications is well aligned. Akamai is full of incredibly smart people with deep technical expertise and it has allowed us to solve complex challenges for customers that I don't think we could have solved with another partner. It's that culture of being hyper-focused on the customer and driven to help them solve complex problems that has been the connective tissue of a great partnership.

Want to learn more? [Book a meeting](#) with a HarperDB and Akamai cloud expert to learn how we can help you minimize latency and cut costs.



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HarperDB is a globally-distributed edge application platform. It reduces complexity, increases performance, and lowers costs by combining user-defined applications, a high-performance database, and an enterprise-grade message queue into a single package. The platform offers unlimited horizontal scale at the click of a button, and synchronizes data across all the nodes in a cluster in milliseconds. HarperDB simplifies the process of delivering applications and the data that drives them to the edge, which dramatically improves both the user experience and total cost of ownership for large-scale applications. Deploying HarperDB on global infrastructure enables a CDN-like solution for enterprise data and applications.