Web Application Accelerator
Application delivery for global web-enabled business processes

Akamai

Enterprises invest heavily in developing web-based applications that move processes like supply chain management, customer support, sales orders, and extranets online. And everyone connected to the web-enabled enterprise – workers, partners and customers – expects instant, secure, reliable access to those web applications, increasingly through mobile devices.

But centrally located applications don't always perform consistently, and when they're slow or unreliable users become frustrated or avoid using them altogether. Infrastructure build-outs require additional capital expenditure and rarely solve the problem, pushing ROI even further out of reach. To realize the increased productivity, lower costs and revenue boost that web applications promise, enterprises must conquer the performance issues that threaten the online experience.

Web Application Accelerator (WAA)

Web Application Accelerator (WAA) is a cloud-based service that enables enterprises to deliver web-based applications that are fast, reliable, and secure, in a cost-effective manner. WAA empowers enterprises to overcome the challenges related to delivering business applications over the Internet by placing all of the application delivery capabilities within the Akamai Intelligent Platform™, which means the web optimizations are distributed globally and located very close to users and data centers anywhere in the world. WAA delivers the performance and availability that drive web application adoption and productivity – and requires no hardware, software, or application code changes.

Help IT Initiatives Succeed, Gain Business Insight

Whether you're delivering extranet portals, Product Lifecycle Management, Sales Force Automation, eCommerce, Social Media applications, or any custom web-based application or enterprise software products such as SAP®, Oracle® or Microsoft SharePoint®, WAA can support your business and IT initiatives.

- Infrastructure Consolidation
- Data Center Optimization
- Business Continuity/Disaster Recovery
- Virtualization

- Security
- Service Oriented Architecture
- Cloud Computing
- Software as a Service

With Akamai's fast, accurate, and secure reporting tools you can also measure performance and better understand the usage of your web-based applications. Through the Luna Control Center portal, you can:

- Confirm successful web application delivery

- Gain insight into your user base by identifying unique visitors and their geography, OS and browser

- Identify hot pages via top URL by visitor volume

- Troubleshoot and understand traffic hit distribution

- Monitor performance gained by using the optimized Akamai 'paths' vs default Internet paths

- View real-time and historical traffic and origin offload patterns

- Monitor performance-based service level agreements by customer

BENEFITS TO YOUR BUSINESS

- **Improve response times** for dynamic web applications by up to 5X

- **Ensure applications are available and high performing** by eliminating Internet bottlenecks in delivery

- **Deliver consistent worldwide performance** through the Akamai Intelligent Platform™

- **Reduce capital expenses** and operating costs by leveraging Akamai's managed service

- **Realize ROI payback** in approximately two months (average)

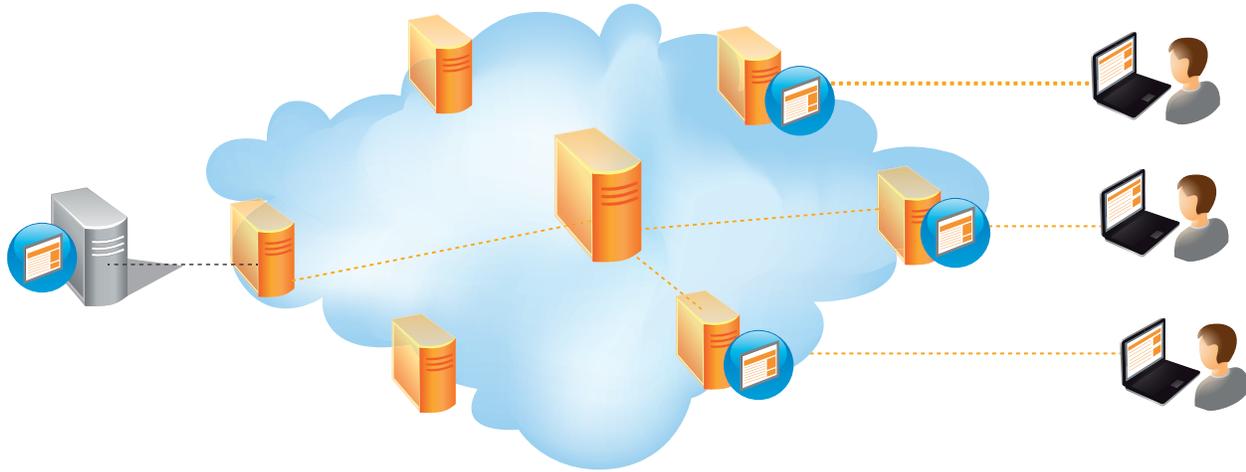- **Innovate faster** in a secure environment

"Using Web Application Accelerator we extended our application across Akamai's EdgePlatform to bring content close to requesting end users, and the results were impressive."

— **Duong Tran,** Project Manager, Ascend Worldwide.

Web Application Accelerator

How it Works

Akamai ensures consistent, predictable web application performance on a global scale, even under the most challenging Internet conditions.

- Akamai's dynamic web server mapping system directs user requests for secure web application content to an optimal Akamai server.

- Route optimization technology identifies the fastest and most reliable path back to the origin infrastructure to retrieve dynamic application content.

- A high-performance transport protocol optimizes communications between the Akamai server and the origin site transparently, improving web application performance and reliability.

- The Akamai server retrieves the requested web application content and returns it to the user over secure optimized connections.

The Akamai Ecosystem

Akamai makes the Internet fast, reliable and secure. Our comprehensive solutions are built on the globally distributed Akamai Intelligent Platform™, managed through the unified, customizable Luna Control Center for visibility and control, and supported by Professional Services experts who get you up and running easily and inspire innovation as your strategies evolve.

> " Based on the IT cost savings benefits alone, the payback period from deploying the Akamai Web Application Accelerator service averaged 2.2 months for the companies surveyed, yielding an average return on investment of 580%. "
>
> **– IDC**

Akamai FASTER FORWARD

Akamai® is a leading provider of cloud services for delivering, optimizing and securing online content and business applications. At the core of the company's solutions is the Akamai Intelligent Platform™ providing extensive reach, coupled with unmatched reliability, security, visibility and expertise. Akamai removes the complexities of connecting the increasingly mobile world, supporting 24/7 consumer demand, and enabling enterprises to securely leverage the cloud. To learn more about how Akamai is accelerating the pace of innovation in a hyperconnected world, please visit www.akamai.com or blogs.akamai.com, and follow @Akamai on Twitter.

Akamai is headquartered in Cambridge, Massachusetts in the United States with operations in more than 40 offices around the world. Our services and renowned customer care enable businesses to provide an unparalleled Internet experience for their customers worldwide. Addresses, phone numbers and contact information for all locations are listed on www.akamai.com/locations.