

Are your Oracle® applications performing poorly and unreliably due to Internet-related delivery issues?

ORACLE®

Trust Akamai to accelerate your applications, boost worker productivity and improve your bottom line.

Want to know whether Akamai's Application Performance Solutions can improve the performance and reliability of Oracle applications? Ask yourself the following questions:

- Are you delivering Oracle applications over the Internet to a global user base?
- Is poor Oracle application performance due to Internet-related delivery issues adversely impacting your critical business processes?
- Would you like to improve the adoption of your Oracle applications?
- Would you like to reduce your infrastructure costs while expanding the global reach of your Oracle applications?

### ▶ Akamai for Oracle Application Acceleration

Akamai's Application Performance Solutions help global businesses accelerate Oracle applications over the Internet while providing the scalability, reliability and cost benefits associated with a managed service. Akamai's solutions address all Oracle applications, including Oracle E-Business Suite, Portal, PeopleSoft Enterprise, Siebel, and JD Edwards.

A research report published by IDC, "Determining the Return on Investment of Web Application Acceleration Managed Services," measured the average annual benefit experienced by an organization using Akamai's Web Application Accelerator at \$42,831 per 100 users. When looking only at the IT cost reduction benefits, the payback period from deploying the service averaged 1.8 months for the surveyed companies, yielding an average return on investment of 582%.



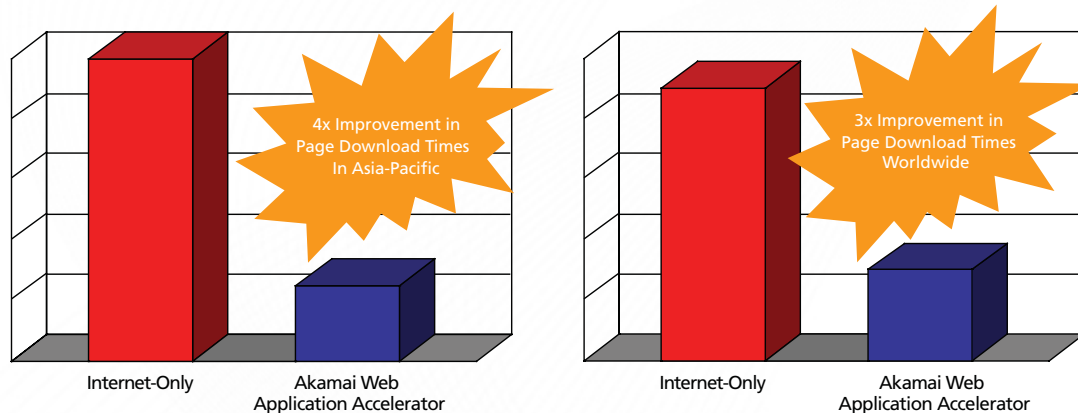
## ▶ Oracle Application Examples with Akamai

The following examples demonstrate how Akamai helps businesses improve the performance and availability of Oracle applications delivered over the Internet. The test results are based on real business transactions—not test environments where conditions are simplified to demonstrate artificial gains.

### **Example: Manufacturing Company, Oracle Portal—Improving global and regional performance of content management application**

*This manufacturing company is a leading global supplier of products, customer solutions, and services in the business of rolling bearings and seals. This company also holds an important position in the market for linear motion products, as well as high-precision bearings, spindles and spindle services for the machine tool industry. Its portal provides users with access to products, services, and solutions, and is a key component in its branding strategy across worldwide channels.*

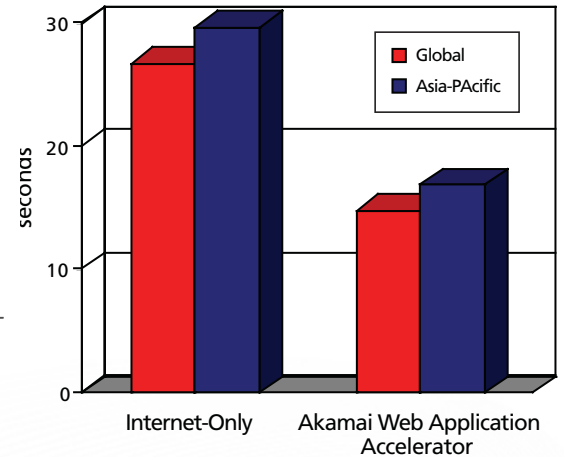
*The company needed a secure and efficient way to deliver web content from a centralized infrastructure to a global audience in order to strengthen its relationships with customers and other corporate stakeholders. The performance impact of the Akamai solution was particularly powerful in Asia-Pacific, an important and fast-growing region. In Asia-Pacific, the company saw a 4x improvement in page download times after deploying Web Application Accelerator. Worldwide, average page download times dropped from nine seconds to three seconds. These performance improvements helped the company deliver a consistent, reliable, high-performance experience globally, while supporting its efforts to reach out to emerging markets, such as China.*



### Example: Life Science Company, Siebel CRM—Improving application performance to emerging regions

This Life Science company manufactures biochemicals for use in scientific research. With an operation that extends around the world, this company wanted to improve application performance and availability, particularly in emerging markets in Asia-Pacific, such as China. Poor application performance was forcing some users in these regions to turn to phones and facsimile machines to complete tasks.

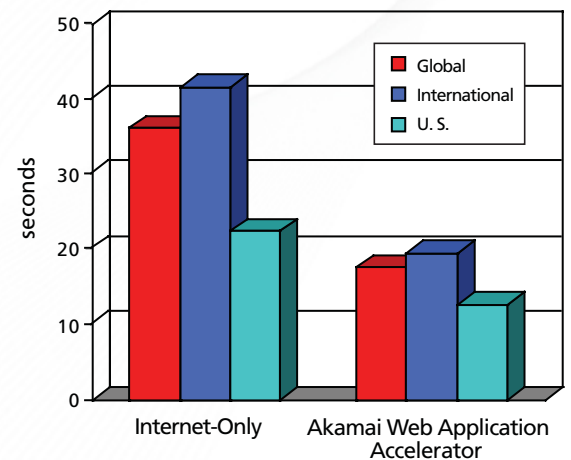
After turning to Akamai's managed solution, the company found that application performance improved dramatically. After deploying Web Application Accelerator, the time required to complete a 10-step order entry transaction improved globally by 80%. In Asia-Pacific, performance improved by an average of 76%. The performance improvements led to wider application adoption, which, in turn, helped the company achieve the anticipated business efficiencies associated with the application.



### Example: Enterprise Infrastructure Software Provider, Siebel CRM—Improving user experience through improved performance and reliability

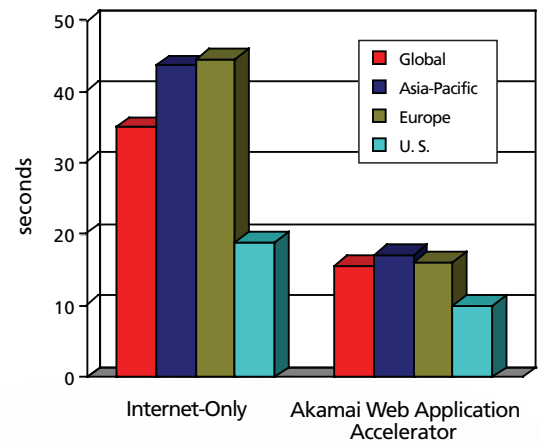
This software provider wanted to address performance issues associated with delivering its CRM application over the Internet, and provide users with a faster, more reliable experience regardless of geographic location. Once Akamai's Web Application Accelerator was deployed, application performance improved considerably.

On average, across all regions, the time required to complete a 4-step order entry transaction dropped from 36 seconds to less than 18 seconds—a 105% improvement. In the U.S., the time required to complete the transaction decreased from 22.4 seconds to 12.7 seconds—a 76% improvement. Internationally, performance improved by 112%—a transaction time reduction from 41.5 seconds to 19.5 seconds.



### Example: High Tech Manufacturer, Oracle Portal—Improving global application performance and reliability

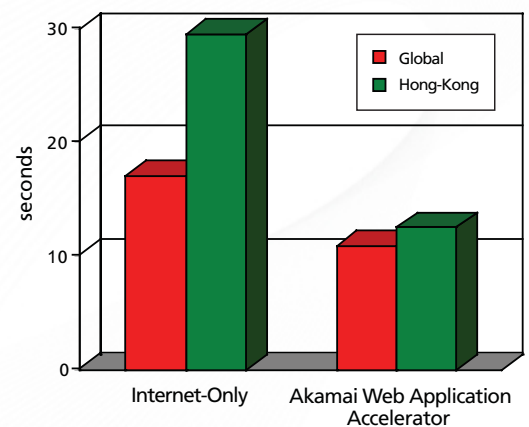
This high tech manufacturer needed to accelerate the performance of its Oracle Portal, linked to a content management system, particularly for users in Europe and Asia-Pacific. After deploying Akamai's Web Application Accelerator, the company found that performance improved dramatically. Users in Europe saw transaction response times improve by 176%, while users in Europe experienced similarly dramatic results—average performance improvements of 154%. Average global performance improved by 125%.



### Example: High Tech Software Vendor, Siebel CRM—Improving global application performance

The company wanted to maintain high levels of performance for its CRM application as it expanded its user base globally. Poor performance would increase customer churn, and hinder the company's ability to expand its customer base.

After deploying Akamai's Web Application Accelerator, the company found that performance improved significantly. Globally, the time required to complete a 12-step transaction improved by 57%. In some regions, performance improvements were more dramatic. In Hong Kong, for example, the transaction time dropped from 29.5 seconds to 12.5 seconds—a 136% improvement.



## ▶ Akamai Application Performance Solutions

Unlike traditional hardware appliances, Akamai's Application Performance Solutions (APS) extend beyond the data-center to address "middle-mile" performance bottlenecks, such as Internet congestion and service provider peering issues. Akamai's Application Performance Solutions also improve application availability.

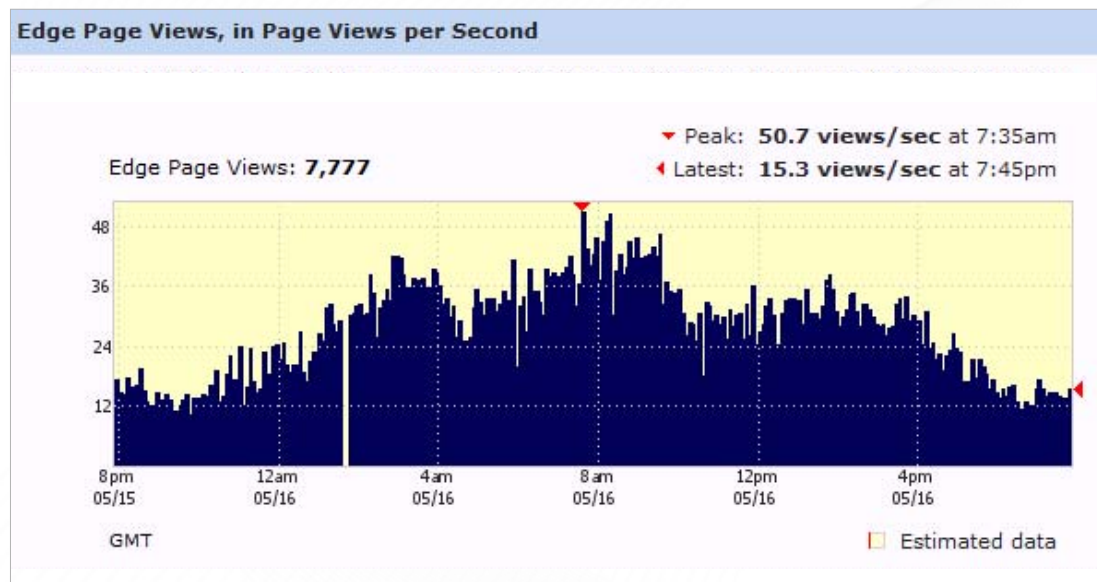
APS leverage a highly distributed global footprint of 28,000 servers, ensuring that users are always in close proximity to the Akamai network. Application performance improvements are gained through several Akamai technologies, including SureRoute route optimization, which ensures that traffic is always sent over the fastest path; the Akamai Protocol, a high performance transport protocol that reduces the number of round trips over the optimized path; caching and compression techniques; and packet loss reduction to maintain high reliability and availability.

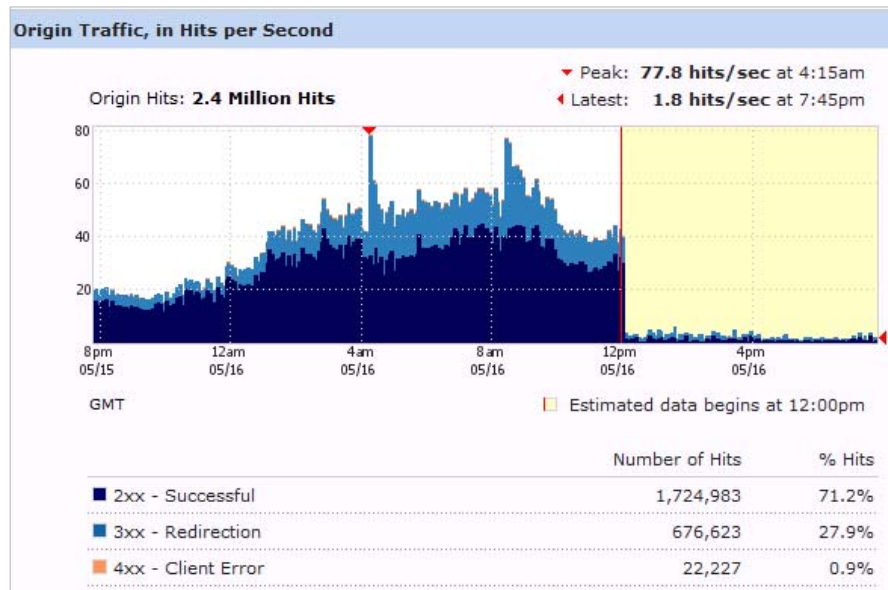
The APS portfolio comprises two service offerings that are designed to improve the performance, availability, and consistency of applications delivered over the Internet:

- (1) Web Application Accelerator (WAA)—accelerates Web-based or “Webified” PLM applications to employees, partners, and customers over the Internet. Application performance and reliability improvements are achieved through a variety of transport, route optimization and caching techniques. This managed service is highly scalable, provides on-demand capacity, and requires no additional IT infrastructure.
- (2) IP Application Accelerator—provides an optimized architecture for delivering all classes of applications to the extended enterprise, ensuring increased application performance and availability for remote wireline and wireless users. Client/server, desktop and virtualized applications delivered by any protocol running over IP, such as SSL, IPSec, UDP and Citrix ICA will benefit from IP Application Accelerator.

### ▶ Akamai EdgeControl

Akamai’s EdgeControl Management Portal provides a convenient Web-based portal interface with advanced reporting capabilities for customers to monitor and customize their services. Application and user intelligence reporting within Web Application Accelerator includes the following: page views per second, dynamic route optimization, error codes, URL distribution, traffic handling (hits/sec), and an SLA monitoring tool.





**Search URLs**

Search for:

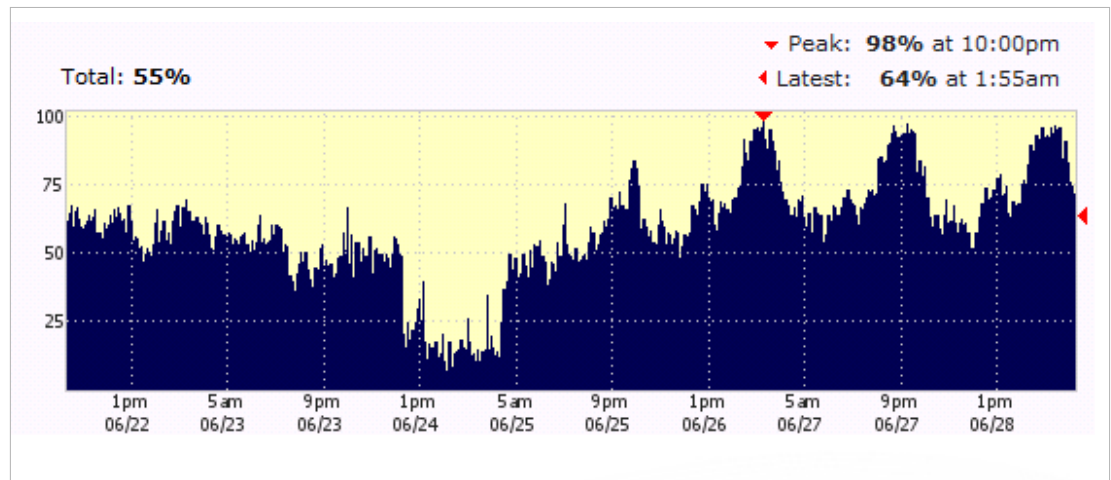
URLs that contain  
 URLs that start with  
 URLs that end with  
 URLs that don't contain  
 URLs that don't start with  
 URLs that don't end with  
 URLs that match a regular expression  
 URLs that don't match a regular expression  
 an exact URL

[View More Details in New Window](#)

Top 10 URLs	Ok Volume	Ok Hits
origin-img.singaporeair.com/saa/css/singair_2_0.css	4,388 MB	58,772
origin-img.singaporeair.com/saa/css/singair_2_0.css	4,162 MB	155,687
origin-img.singaporeair.com/saa/en_UK/Pricing/FlightResults.jsp	2,649 MB	30,142
origin-img.singaporeair.com/saa/en_UK/	1,361 MB	17,209
origin-img.singaporeair.com/saa/PricingQueueServlet	1,162 MB	64,498
origin-img.singaporeair.com/saa/en_UK/images/homepage/home_01.jpg	1,051 MB	54,340
origin-img.singaporeair.com/saa/css/singair_2_0.css	980 MB	40,417
origin-img.singaporeair.com/saa/js/singair_2_0.js	901 MB	93,030
origin-img.singaporeair.com/saa/en_UK/Account/kfHome.jsp	846 MB	9,524
origin-img.singaporeair.com/saa/en_UK/images/homepage/Moscow.jpg	656 MB	14,881

*Application and user intelligence reports are provided to customers within Akamai's Edge Control Management Center. These advanced reports are provided as part of the Web Application Accelerator managed service.*

*In addition to boosting performance, Web Application Accelerator can improve application availability. Akamai's technology is designed to steer traffic around problem spots on the Internet to ensure that remote users located in areas, such as China, can access Oracle applications running on a server in Europe or the U.S. In this example, optimized Akamai routes were used more than 50% of the time (peak of 98%) instead of the default route determined by the Internet and border gateway protocol (BGP) rule-set.*



Enterprises should feel comfortable deploying Akamai's Application Performance Solutions to improve the global delivery of their business-critical Oracle applications. Application Performance Solutions are backed by service level agreements (SLAs) that guarantee performance improvements and network availability.

### ▶ Learn More about Application Performance Solutions

Want to learn more about Akamai APS? Product specifications, customer case studies, white papers, application performance examples, and technology podcasts are available on Akamai's APS Web page:

[http://www.akamai.com/html/solutions/web\\_application\\_accelerator.html](http://www.akamai.com/html/solutions/web_application_accelerator.html)

[http://www.akamai.com/html/solutions/ip\\_application\\_accelerator.html](http://www.akamai.com/html/solutions/ip_application_accelerator.html)

### About Akamai

Akamai® is the leading global service provider for accelerating content and business processes online. Thousands of organizations have formed trusted relationships with Akamai, improving their revenue and reducing costs by maximizing the performance of their online businesses. Leveraging the Akamai Edge Network, these organizations gain business advantage today, and have the foundation for the emerging Internet solutions of tomorrow. Akamai is "The Trusted Choice for Online Business."

For more information, visit [www.akamai.com](http://www.akamai.com).