

Steelhead Cloud Accelerator

Accelerate Office 365 Live and Salesforce.com with Riverbed appliances and Akamai software



“Enterprises are increasingly deploying a mix of both in-house and cloud-based applications. As this shift to hybrid networks occurs, ensuring application performance and end-user productivity is critical, creating a need to integrate access to corporate applications, as well as SaaS, in a single pervasive framework.” – Gartner

Everyone connected to the enterprise expects instant, secure, reliable access to a fast-growing set of cloud applications; enterprise workspaces that are as fast and easy as consumer marketplaces. To enable this experience, companies are embracing software-as-a-service (SaaS) products like Microsoft Office 365, Google Apps, and Salesforce.com to replace on-premise enterprise stalwarts. SaaS products now play a central role in enterprise IT and are a key component of corporate business strategy, providing an alternate model to enhance productivity and employee collaboration.

The challenge with cloud-based applications is that companies must now address not only the performance limitations of operating outside the branch, but also the weaknesses of the public Internet, which is now an extension of their corporate infrastructure. For SaaS applications to be a viable alternative to on-premise applications, enterprises must master the complexities of hybrid cloud computing. The main challenge, SaaS application performance, is created by the separation of end users from their data and applications. A hybrid cloud architecture amplifies application bottlenecks; specifically network latency, large data loads, and protocol inefficiencies.

To solve this problem, Riverbed Technology and Akamai have partnered to deliver the **Steelhead® Cloud Accelerator**. This cloud management solution combines Akamai’s innovative public Internet optimizations with Riverbed’s leading private wide area network (WAN) optimizations. By integrating the globally distributed Akamai Intelligent Platform™ with Riverbed’s RiOS® (Riverbed Optimization System) technology, the solution optimizes SaaS application performance by 50x or more, whether users are located at corporate headquarters or geographically remote branch offices. Hosting Riverbed RiOS technology on Akamai’s platform enables the seamless optimization of WAN and public networks, all the way to the front door of the SaaS application provider and back.

BENEFITS TO YOUR BUSINESS

- **Improve the performance** of SaaS applications by 50x or more
- **Significantly increase** user productivity by accelerating applications effectively
- **Optimize business critical SaaS traffic** by addressing hybrid public/private networks
- **Increase availability, resiliency, and performance** by leveraging the globally distributed Akamai Intelligent Platform™
- **Extend Riverbed optimizations** across the Internet to and from SaaS data centers dynamically
- **Reduce IT investment** by leveraging Akamai and Riverbed infrastructure

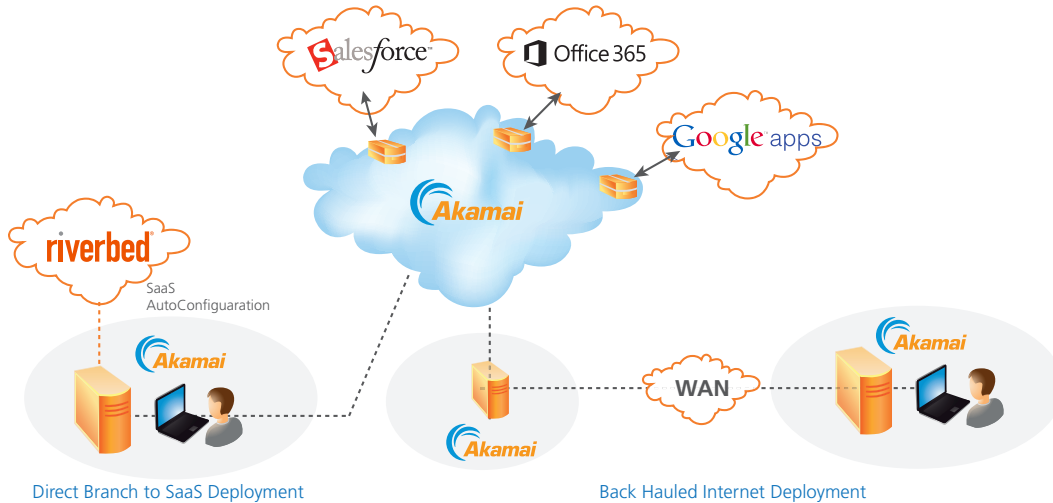
“Having reliable and consistent access to Office 365 was mission critical for communication and collaboration between [Seadrill’s] oil rigs, offices and headquarters. After testing the Steelhead Cloud Accelerator, response times with Office 365 dramatically improved and freed bandwidth for other traffic. The results showed that Seadrill employees would see significant benefit, as employees would be more productive and collaborative across its 45 oil rigs in EMEA, South America and North America, as well as its offices across the world.”

— **Pål Gøran Johansen**, Network Engineer, Harris Caprock Communication

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How it Works

Riverbed's RiOS is installed on Akamai's SureRoute gateways to be activated whenever a customer purchases a license. The RiOS instance on the Akamai gateway optimizes content and applications to the Steelhead appliance deployed within your enterprise network.



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.

“ The Steelhead Cloud Accelerator solution offers organizations using hybrid cloud networks the same level of accelerated application performance previously possible only in the public Internet with Akamai or in private cloud environments with Riverbed.”

– **Melanie Posey**, Research VP, IDC



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.