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# SteelHead CX for Cloud

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## Visibility, Optimization and Control for the Public Cloud

### The Business Challenge

The hybrid enterprise with multiple datacenters, branch offices, and public and private environments faces performance limitations inherent in networks and applications—bandwidth constraints, latency, and competition among applications. Dynamic SaaS applications, in particular, frequently experience slow performance and deliver a less-than-optimal user experience due to the distance from the cloud to the user.

As organizations migrate their initial data and later broaden their application footprint into the cloud, ensuring that applications perform as needed and as guaranteed becomes critical. For SaaS and cloud applications, reduced application visibility, loss of control, and slow or unpredictable performance, as well as difficult migrations and complex deployments, can challenge IT.

### The Riverbed Solution

Built for public cloud environments, Riverbed® SteelHead™ CX for Cloud extends Riverbed's #1 optimization solution for hybrid enterprises to Infrastructure-as-a-Service (IaaS) clouds. SteelHead CX speeds migration to the public cloud and accelerates access for users from virtually any location.

SteelHead CX for Cloud delivers the best end user experience across hybrid networks by optimizing application performance for cloud and Software-as-a-Service (SaaS) applications. The solution helps ensure

you can meet application performance SLAs for users no matter where they are located, regardless of network latency and enterprise bandwidth limitations.

Compatibility with Microsoft Azure, Amazon Web Services, and VMware ESX-based cloud and vCloud Air environments offers the freedom to deploy applications in nearly any cloud and move between cloud providers with ease. SteelHead accelerates the majority of cloud providers and has been certified for Microsoft Azure and VMware vCloud Air.

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“With everything in the cloud and the growing use of mobile devices, Internet access becomes more critical.... We started an ambitious IT transformation program two years ago, with the consolidation of file and print services and application servers to our datacenters and the introduction of some cloud-based applications such as Salesforce.com and Amazon AWS as an IaaS provider. This change is shifting the IT team's focus from MPLS and data center quality of service to ensuring fast, reliable Internet access for every employee.”

Lionel Marie  
Network Architect, Schneider Electric

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## Key Benefits

### Accelerate applications and reduce bandwidth consumption

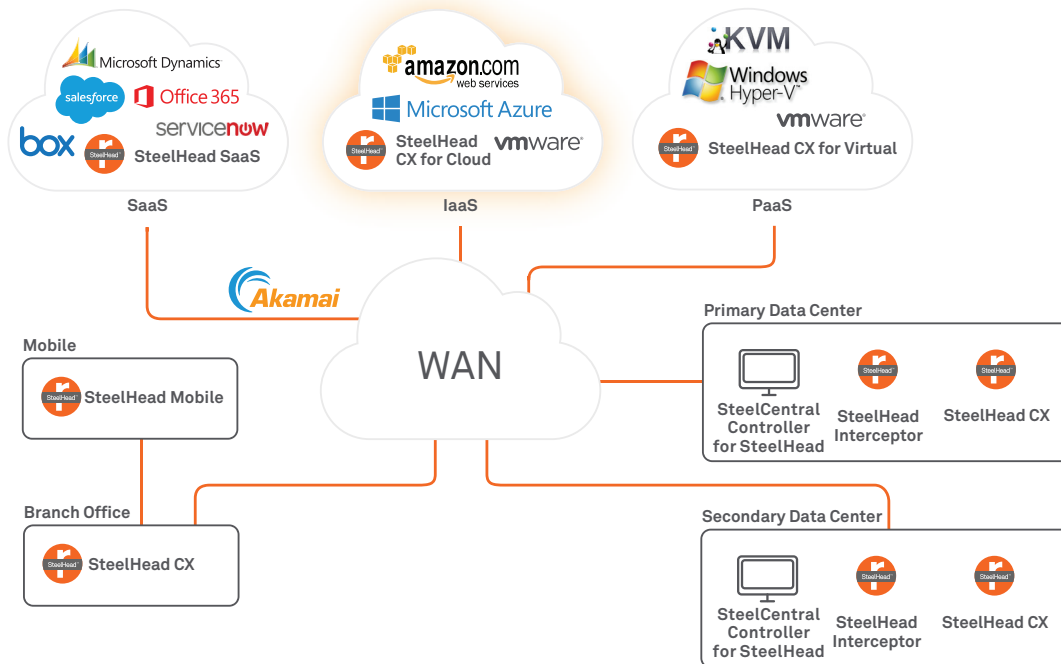
- Increases application and data transfer performance up to 100x
- Reduces bandwidth utilization by up to 95%, thus deferring costly network bandwidth upgrades
- Increases throughput and the number of connections in a single box by up to 50%

### Cloud flexibility and platform choice

- Offers compatibility with a wide variety of cloud services for the freedom to move between cloud providers with ease
- Quickly integrates with other SteelHead solutions
- Provides elastic sizing and easy cloning for a scale-as-you-go infrastructure for cloud

### Cloud-like, cost-effective economics

- Shift from high capital expenditures to lower operational expenditures
- Manage cost and effectively offer the right service levels based on user demand with monthly subscription-based pricing models and commitments as short as six months



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## Key Features In-Depth

### Accelerate everywhere

- Accelerates application migration and user access to the cloud
- Accelerates the delivery of enterprise data and applications in public cloud environments
- Leverages multiple optimization techniques, including data, application, and transport streamlining, as well as specifically-designed SaaS and cloud intelligence
- Uniquely ensures optimal end user experience, despite distance from the cloud to the user, with GeolQ for Office 365

### Visibility and control over optimized applications

- Enables end user monitoring and troubleshooting for SteelHead-optimized and non-optimized enterprise Web and SaaS applications through seamless integration with Riverbed® SteelCentral™ AppResponse
- Supports end-to-end network monitoring and reporting through seamless integration with SteelCentral NetProfiler
- Improves problem resolution with on demand gathering of packet and flow data from the branch through activation of SteelCentral NetShark
- Dynamically selects the best application path based on application-aware, business intent-based policies, and network availability
- Leverages simplified configuration with REST API for hybrid network services—path selection, QoS, and secure transport—and custom API scripts for monitoring

### Transparent cloud interception

- Simplifies the integration of optimization into the cloud's highly automated, heavily virtualized environments where the servers' physical locations may change at any time
- Provides automated redirection to appropriate SteelHead CX cloud instance even when server IP addresses or subnets change

### Simple portal-based management

- Connects to supported cloud providers with SteelHead Cloud Portal
- Allows you to deploy and manage a SteelHead CX cloud instance with just a few clicks
- Offers simplified management and licensing, plus instant upgrades, of SteelHead CX for Cloud

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## Learn More

Riverbed delivers not only optimization of all applications (on prem, SaaS and cloud)—but essential visibility and control across the hybrid enterprise. Riverbed SteelHead solutions support location-independent computing for organizations of all sizes. A broad Riverbed product portfolio delivers a SteelHead appliance or software for every laptop, branch office, or data center providing the highest performance for data and application acceleration, back up, replication, and recovery across the hybrid network. What's more, you can upgrade your solutions within a model family as your demand grows.

To learn more about Riverbed SteelHead solutions, including the Riverbed SteelHead CX solution, please visit: [www.riverbed.com/SteelHead](http://www.riverbed.com/SteelHead).

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### About Riverbed

Riverbed, at more than \$1 billion in annual revenue, is the leader in application performance infrastructure, delivering the most complete platform for the hybrid enterprise to ensure applications perform as expected, data is always available when needed, and performance issues can be proactively detected and resolved before impacting business performance. Riverbed enables hybrid enterprises to transform application performance into a competitive advantage by maximizing employee productivity and leveraging IT to create new forms of operational agility. Riverbed's 27,000+ customers include 97% of the *Fortune* 100 and 98% of the *Forbes* Global 100. Learn more at [riverbed.com](http://riverbed.com).

The Riverbed logo consists of the word "riverbed" in a bold, lowercase, sans-serif font. The letters are a vibrant orange color. The "i" and "e" have small dots, and the "d" has a small tail. The logo is positioned on the right side of the page, below the "About Riverbed" section header.