Riverbed® SteelHead™ Solutions

Managing Application Performance in a Hybrid World

Today, employees, customers, and partners have become increasingly mobile, and more business-critical applications are moving to public clouds for Software-as-a-Service (SaaS).

Network managers are leveraging a combination of hybrid networks that include MPLS for business-critical applications and compliance, Internet VPN, and the lower cost, public Internet for real-time application delivery to location-independent users. This defines the hybrid enterprise. Riverbed® SteelHead™ solutions deliver comprehensive visibility, optimization and control of all applications, including on-premises and cloud-based applications, to deliver extraordinary application performance no matter where users are located or when changes in business requirements occur—providing you with them flexibility for your business to stay agile.

Visibility. Optimization. Control.

Companies of all sizes depend on Riverbed to improve the performance of all applications across the hybrid enterprise. Increased visibility into and control of both on-premises and cloud-based applications help improve end-user experience and reduce the complexity of managing performance over hybrid networks.

Key Benefits

Application acceleration and reduced bandwidth consumption

- Increase performance over hybrid networks for on-premises, cloud, and SaaS applications up to 100x
- Reduce bandwidth utilization by up to 98%, deferring costly network bandwidth upgrades

- Ensure the best performance for the largest number of applications on premise, in the cloud or SaaS applications including Microsoft Office 365, Microsoft Dynamics CRM, Salesforce.com and Box

Integrated visibility

- Enables faster, more effective troubleshooting with end user experience visibility into SteelHead-optimized and non-optimized applications
- Quickly discern network from SaaS provider problems with visibility into network versus service provider server delays

Enhanced control

- Easily translate your business intent into application-centric business policies with a simplified, wizard-like approach
- Quickly derive all path possibilities for applications across hybrid networks to facilitate configuration
- Leverage centralized, application-aware policies to simplify and automate configuration and deployment of network services across hybrid networks
- Secure all traffic between SteelHead solutions across private and Internet links with standards-based encryption for added security and regulatory compliance

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.

Integrio Technologies, an SBA-designated small business headquartered in Herndon, Va., is an IT integration and engineering company that offers reliable, cost-effective, secure solutions for organizations seeking to develop new capabilities and optimize legacy systems. Our company collaborates with its customers, partners and employees to provide outstanding cutting-edge solutions for network performance, secure wireless infrastructure, software application lifecycle support, and physical cyber security that support the missions of federal, state and local government agencies.

2355 Dulles Corner Blvd.
Suite 600
Herndon, VA 20171

703 961 1125
1 800 929 3871

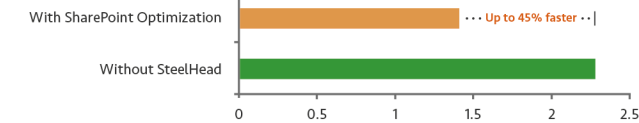salesinfo@Integrio.com

Integrio.com

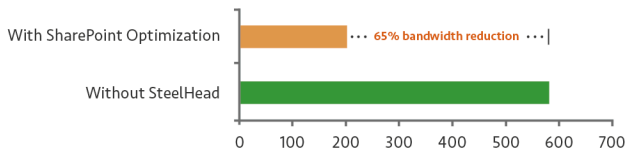## Optimization Delivery of Applications Across Hybrid Networks

Industry-leading SteelHead optimization capabilities for hybrid networking allow you to deliver performance up to 100x faster for on-premises, cloud, and SaaS application users everywhere..

With SharePoint Optimization — Up to 60% faster —|
Without SteelHead

0   0.5   1   1.5   2   2.5
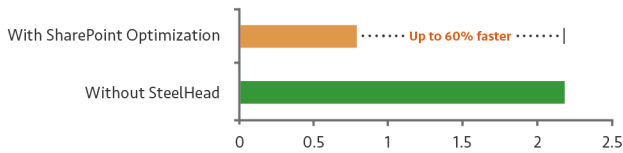
File Open of Word Documents-60% Faster with SteelHead Optimization

With SharePoint Optimization — Up to 45% faster —|
Without SteelHead

0   0.5   1   1.5   2   2.5

Accessing a SharePoint WebDAV Share-45% Faster with SteelHead Optimization

With SharePoint Optimization — 65% bandwidth reduction —|
Without SteelHead

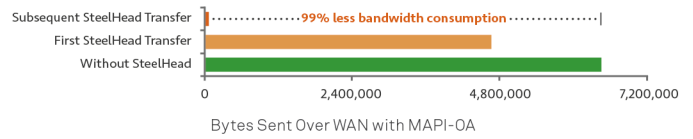0   100   200   300   400   500   600   700

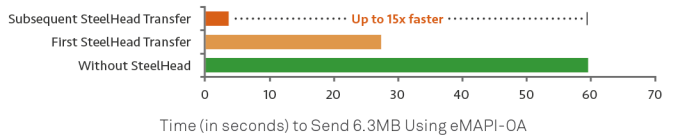File Open of Word Documents - Data Transferred (KB)—65% Bandwidth Reduction with SteelHead Optimization

More effective and efficient collaboration with application-level latency optimization for Microsoft SharePoint
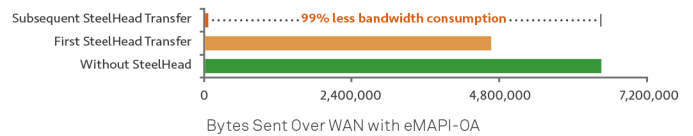

Subsequent SteelHead Transfer — Up to 17x faster —|
First SteelHead Transfer
Without SteelHead

0   10   20   30   40   50   60   70
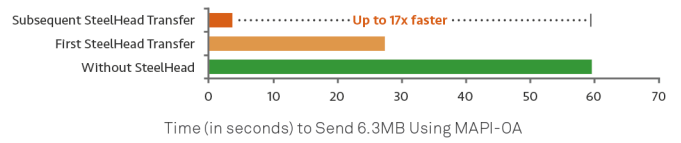
Time (in seconds) to Send 6.3MB Using MAPI-OA

Subsequent SteelHead Transfer — 99% less bandwidth consumption —|
First SteelHead Transfer
Without SteelHead

0   2,400,000   4,800,000   7,200,000

Bytes Sent Over WAN with MAPI-OA

Subsequent SteelHead Transfer — Up to 15x faster —|
First SteelHead Transfer
Without SteelHead

0   10   20   30   40   50   60   70

Time (in seconds) to Send 6.3MB Using eMAPI-OA

Subsequent SteelHead Transfer — 99% less bandwidth consumption —|
First SteelHead Transfer
Without SteelHead

0   2,400,000   4,800,000   7,200,000

Bytes Sent Over WAN with eMAPI-OA

Performance improvements for email through reduced complexity and expense of Microsoft Exchange

Subsequent SteelHead File Transfers — More than 63x faster —|
First SteelHead File Transfer
Without SteelHead

0   10   20   30   40   50   60   70   80   90
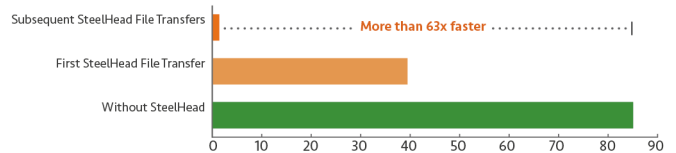
SharePoint HTTP File Save—63x Faster with SteelHead Mobile

Enabling a remote workforce via anywhere access

Optimized & Secure IT Solutions

integrio
T E C H N O L O G I E S