

Riverbed® Virtual Steelhead®

Virtualized WAN Optimization

Data transfer bottlenecks and unpredictability on the Wide Area Network (WAN) can hurt application performance. In addition, the time required to migrate large volumes of data to and from data centers can be a serious concern to business continuity. These limitations also negatively impact worker productivity, constrain disaster recovery capabilities, and reduce the effectiveness of IT consolidation and virtualization strategies.

Riverbed WAN optimization based on physical appliances meets the needs of a majority of organizations, but there are IT deployments where a physical appliance is not the right fit. For these requirements, Virtual Steelhead® delivers award winning Riverbed WAN optimization in the form of a virtual appliance, eliminating the footprint of a physical appliance.

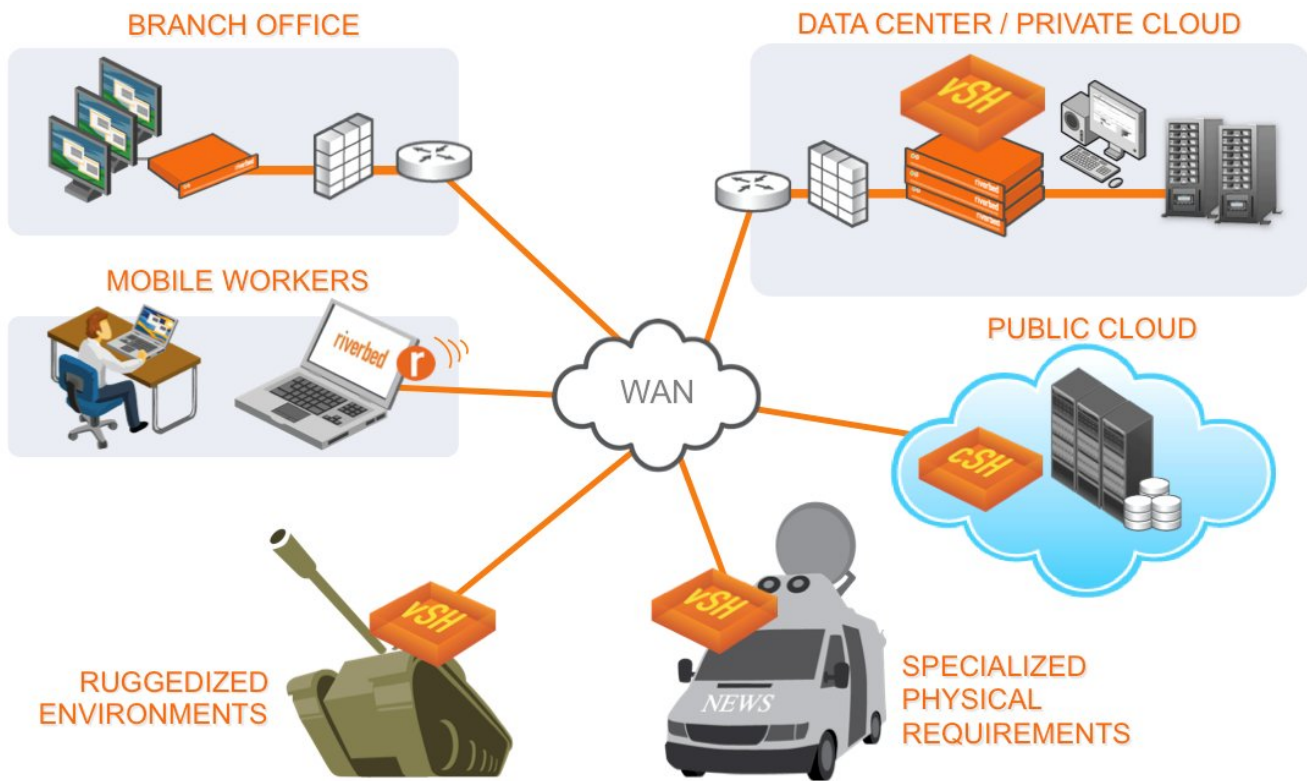
Virtual Steelhead Advantages

Built on the same Riverbed Optimization System (RiOS®) technology that powers physical Steelhead appliances and Steelhead Mobile, Virtual Steelhead delivers industry-leading WAN optimization features and value, combined with the advantages of VMware server virtualization. Some additional benefits include:

- Easily deploy and manage Virtual Steelhead into existing virtual server environments in data center or branch office environments, and use the same management tools IT administrators know and trust to standardize management, availability, and flexibility.
- Meet environmental requirements, including physical limitations on server space or the need for ruggedized hardware through custom manufacturing, as the Virtual Steelhead appliance fits any form factor.
- Enable managed service providers (MSPs) and system integrators (SIs) to more readily provide scalable WAN optimization as an on-demand product offering.
- Introduce the capability to seamlessly scale WAN optimization capacity in number of connections and bandwidth with a simple license key upgrade – no need to replace boxes in racks or rewire the network to accommodate future growth.
- Use Virtual Steelhead as a building block with server virtualization to ensure performance across the WAN for remote offices while maintaining a very small hardware footprint on premise.
- Allow for cost savings in common hardware platforms and higher utilization of pooled resources.

BENEFITS

- Deploy WAN optimization as a standard virtual service
- Meet unique physical space requirements
- Integrate with ruggedized hardware
- Easily scale capacity on demand



Choosing Between Steelhead Appliances and Virtual Steelhead

Customers enjoy a wide range of choices in deploying Riverbed WAN optimization across the enterprise and in specialized environments. Many will opt for virtual in the data centers where they already use VMware server virtualization widely, but the branch office is an equally attractive location for reducing their hardware footprint. In other cases, the plug-and-play simplicity that has always defined Steelhead appliances will be more compelling. The good news is that both options are fully interoperable and equally capable, so customers can mix and match as suits their needs. Both Steelhead physical appliances and Virtual Steelhead appliances across the enterprise can be managed together from the Riverbed Central Management Console (CMC) and support high availability needs.

Additional Specifications

Virtual Steelheads can run on VMware ESX(i) 4.0 and 4.1 on 64-bit server platforms. They can be integrated into a wide range of networks either out of path or virtual in-path, and support both Asymmetric Route Detection and Connection Forwarding features. Virtual Steelheads can also be made highly available in active-active configurations with Datastore Synchronization as serial clusters. Please refer to the Virtual Steelhead deployment guide for detailed sizing, hardware, and design requirements.

About Riverbed

Riverbed delivers performance for the globally connected enterprise. With Riverbed, enterprises can successfully and intelligently implement strategic initiatives such as virtualization, consolidation, cloud computing, and disaster recovery without fear of compromising performance. By giving enterprises the platform they need to understand, optimize and consolidate their IT, Riverbed helps enterprises to build a fast, fluid and dynamic IT architecture that aligns with the business needs of the organization. Additional information about Riverbed (NASDAQ: RVBD) is available at www.riverbed.com.



Riverbed Technology, Inc.
199 Fremont Street
San Francisco, CA 94105
Tel: (415) 247-8800
www.riverbed.com

Riverbed Technology Ltd.
One Thames Valley
Wokingham Road, Level 2
Bracknell, RG42 1NG
United Kingdom
Tel: +44 1344 401900

Riverbed Technology Pte. Ltd.
391A Orchard Road #22-06/10
Ngee Ann City Tower A
Singapore 238873
Tel: +65 6508-7400

Riverbed Technology K.K.
Shiba-Koen Plaza, Bldg. 9F
3-6-9, Shiba, Minato-ku
Tokyo, Japan 105-0014
Tel: +81 3 5419 1990