New Features in RiOS 7.0

The Riverbed® Optimization System (RiOS®) 7.0 introduces the industry's first stream splitting functionality for Microsoft Silverlight video delivery over http, natively on Riverbed Steelhead® appliances. This stream splitting functionality also extends to Adobe Flash video delivery over http. Other key features of RiOS 7.0 include packet mode optimization to optimize UDP-based data replication applications, native Skipware® integration, an on-demand troubleshooting functionality, and enhancements for the Citrix ICA protocol, among a host of other features.

Native stream splitting for http video — With RiOS 7.0, Riverbed delivers a native stream splitting capability for http video delivery within the enterprise. Support includes the industry's first http-based stream splitting capability for Microsoft Silverlight, as well as for Adobe Flash video. Legacy video formats continue to be supported via the Riverbed Services Platform (RSP).

UDP for replication solutions and IPv6 — With the release of RiOS 7.0, organizations now have the flexibility to optimize applications that run on both TCP/IP and UDP, including replication solutions such as Symantec® Veritas™ Volume Replicator, Aspera, and Signiant®. These applications can consume substantial bandwidth, making connectionless, packet-by-packet optimization a necessity. In addition, as IPv6 is adopted, RiOS 7.0 ensures that organizations are able to seamlessly transition without compromising performance.
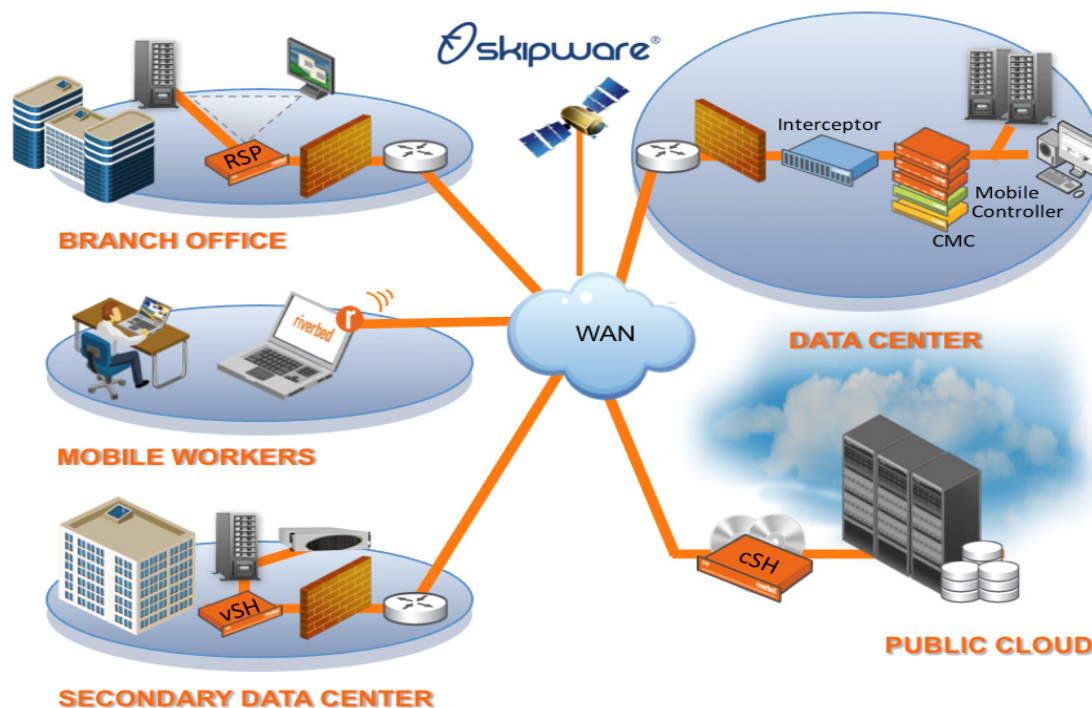
Enhancements for desktop virtualization — Customers can now optimize ICA over SSL, as well as a client drive mapping functionality, for Citrix® XenDesktop™ environments. With this support now available, Riverbed delivers complete coverage for desktop virtualization infrastructure products from Citrix.

On-demand troubleshooting on Steelhead — RiOS 7.0 includes integration of a Cascade® Shark™ functionality on Riverbed Steelhead appliances for the onboard capture and analysis of application problems with an intuitive, visual interface. This feature is fully integrated with Wireshark, enabling customers to isolate application-specific issues and even replay application transactions.

- Native stream splitting for http video
- UDP for replication solutions and IPv6
- On-demand packet capture and analysis
- Enhancements for Citrix desktop virtualization
- Native Skipware integration
- Optimization for encrypted Lotus Notes
- Support for end-to-end Kerberos authentication
- Optimization for Microsoft Business Productivity Online Standard Suite (BPOS)

Skipware integration — This release introduces Skipware functionality natively on Steelhead appliances so that customers do not need an RSP package for optimizing satellite links. RiOS 7.0 delivers fully integrated management and a UI for Skipware, with support for port transparency as well.

More application optimizations — With RiOS 7.0, Riverbed continues to extend its portfolio of application-specific optimizations with support for encrypted Lotus Notes and end-to-end Kerberos authentication for Microsoft applications. This release also includes an improved version of CIFS pre-population with more granular control, auto configuration for http optimization, SSL proxy support, SMTP over TLS, and DSCP marking for QoS.

A typical Steelhead deployment architecture.

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**.

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