

Stop Guessing: Gain Total SD-WAN Visibility with Riverbed NetProfiler

Gain End-to-End Visibility, Improve Performance with SD-WAN Networks

Riverbed NetProfiler gives you unmatched, real-time visibility into Software-Defined Wide-Area Networks (SD-WAN), helping you stay ahead of network issues across multi-vendor environments. Say goodbye to blind spots, optimize performance effortlessly, automate root cause analysis, and fortify your security with deep overlay-underlay correlation. Take control of your SD-WAN with the intelligence and precision it deserves.

The SD-WAN Visibility Gap: Why NetOps Needs More Than Just Overlay Insights

Software-Defined Wide-Area Networks intelligently route network traffic across multiple connections—such as MPLS, broadband, and LTE—based on real-time conditions and business priorities. It uses centralized control and automation to optimize performance, enhance security, and reduce costs. By dynamically selecting the best path for applications, an SD-WAN ensures a high-quality user experience while simplifying management of the network itself.

SD-WAN is a virtualized network that sits on top of the underlying physical network infrastructure. It abstracts and manages traffic independently from the transport layer, allowing SD-WAN to intelligently route data. This overlay is created using secure tunnels (often encrypted) between SD-WAN edge devices. These tunnels enable consistent network performance, seamless connectivity, and centralized control, regardless of the underlying transport.

While SD-WAN vendors provide visibility into the overlay network, often showing traffic flows, application performance, and policy enforcement, they lack the ability to monitor and correlate that overlay traffic with the underlying physical network. This creates critical blind spots, as NetOps teams cannot see whether performance issues—like congestion, packet loss, or jitter—stem from the SD-WAN layer itself or from underlying transport problems. Without end-to-end correlation, diagnosing root causes becomes a manual, time-consuming effort, leading to delayed resolutions and degraded user experience. NetOps teams are left making decisions based on partial insights, increasing operational risk and reducing the effectiveness of performance optimizations and troubleshooting efforts.

Complete SD-WAN visibility with Riverbed NetProfiler

Riverbed NetProfiler provides comprehensive visibility across both overlay and underlay networks for leading SD-WAN solutions, including Cisco Viptela, VMware Velocloud, and Versa. While SD-WAN vendors focus primarily on monitoring the overlay network—tracking application flows, policy enforcement, and tunnel performance—Riverbed extends visibility into the underlying transport network, giving NetOps teams the complete picture. Using rich flow data, Riverbed correlates SD-WAN overlay traffic with underlay network performance, pinpointing where issues originate—whether in the SD-WAN fabric or the physical network layers.

This end-to-end visibility eliminates blind spots, enabling faster troubleshooting, better root cause analysis, and proactive performance optimization. With Riverbed, organizations can reduce mean time to resolution (MTTR), ensure consistent application performance, and make data-driven decisions to enhance network reliability. Whether leveraging Cisco, VMware, or Versa SD-WANs, Riverbed provides the critical observability NetOps teams need to maintain a seamless digital experience.

In short, Riverbed NetProfiler enables:

- **Comprehensive SD-WAN visibility:** Monitor end-to-end SD-WAN performance, identify congestion points, and ensure consistent application delivery.
- **Multi-vendor support:** Leverage seamless support for Cisco Viptela, VMware Velocloud, and Versa to ensure IT has a single source of truth across their entire SD-WAN infrastructure. With one solution to monitor all SD-WAN vendors, enterprises can simplify operations and accelerate troubleshooting by eliminating the need for multiple, disjointed monitoring tools.
- **Accelerate incident investigation:** Detect blocked traffic anomalies and misconfigurations, ensuring faster remediation of network performance issues.
- **Network resiliency:** Proactively detect performance degradations and align network performance with business objectives.
- **Customizable SD-WAN dashboards:** View live and historical analytics for end-to-end network troubleshooting.

Why Choose Riverbed NetProfiler for SD-WAN Observability?

Monitoring SD-WAN with a neutral third-party like Riverbed provides an unbiased, end-to-end view of network performance that SD-WAN vendors cannot offer. SD-WAN providers focus on their own overlay network, often lacking deep visibility into underlay performance across ISPs, cloud providers, and hybrid environments. A third-party solution bridges this gap by correlating overlay and underlay metrics, identifying root causes faster, and ensuring vendors are held accountable for performance SLAs. For organizations that use multiple SD-WAN solutions, this independence

also supports consolidation efforts, providing one solution that ensures true network observability across SD-WAN solutions, beyond what any single SD-WAN provider delivers.

Get Started with Riverbed NetProfiler

Don't let SD-WAN complexity slow down your business. Gain full observability, ensure optimal performance, and strengthen network security with Riverbed NetProfiler.

To learn more about Riverbed NetProfiler, visit: riverbed.com/products/netprofiler.



About Riverbed

Riverbed, the leader in AI observability, helps organizations optimize their users' experiences by leveraging AI automation for the prevention, identification, and resolution of IT issues. With over 20 years of experience in data collection and AI and machine learning, Riverbed's open and AI-powered observability platform and solutions optimize digital experiences and greatly improve IT efficiency. Riverbed also offers industry-leading Acceleration solutions that provide fast, agile, secure acceleration of any app, over any network, to users anywhere. Together with our thousands of market-leading customers globally – including 95% of the *FORTUNE* 100 – we are empowering next-generation digital experiences. Learn more at riverbed.com.