

# Riverbed and Keysight: Visibility for Unified Network Performance Monitoring

Today's business users expect a world-class digital experience, all the time and for every user. The joint solution combining Riverbed Unified Network Performance Monitoring (UNPM) with Keysight Visibility Platform provides IT teams with the insight needed to make that happen by finding and fixing potential issues before they impact the business.

Riverbed UNPM delivers full-fidelity visibility that blends insight into applications, network, and infrastructure performance monitoring. Keysight's intelligent Visibility Platform assures Riverbed UNPM of access to all—and only—the network and cloud data packets and flows needed for fast, accurate analysis.

The joint solution speeds network and application performance monitoring (NPM/APM) and troubleshooting to boost maximize ROI with a highly scalable visibility architecture that is easy to use and deploy. Together, Keysight and Riverbed also speed migration and management of high-performing cloud-based applications and software-defined networks.

## Riverbed: Unified Network Performance Monitoring

A one-stop solution for managing the entire digital service, Riverbed UNPM provides IT teams:

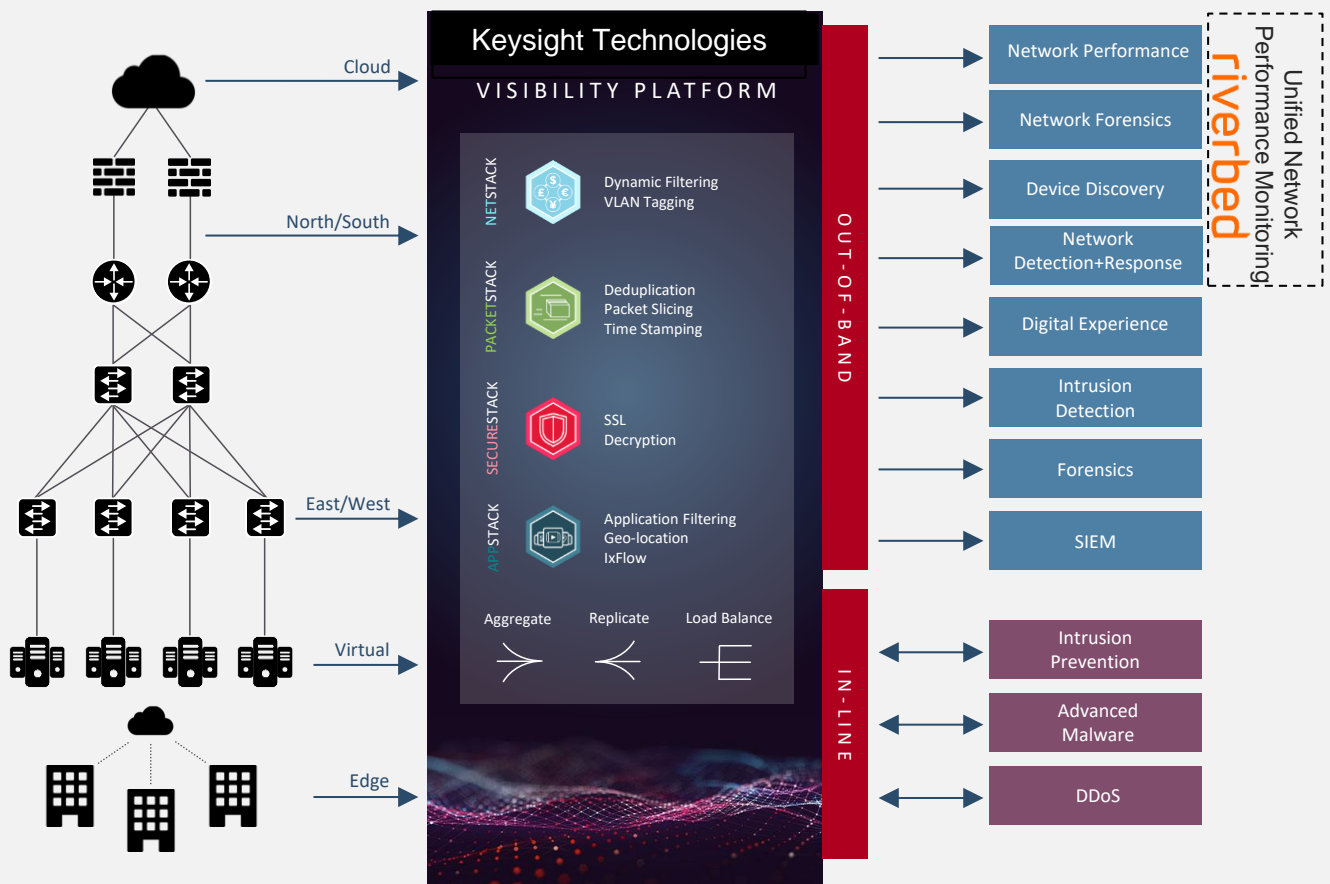
- A holistic view of performance spanning an organization's entire application and service delivery architecture
- Hybrid on-premise, virtual and cloud deployments options
- Full suite of analytics capabilities: Network Performance, and Network Detection and Response
- High-speed packet capture, flow collection, and device polling
- Role-specific insights through custom dashboard views
- The ability to drill down into any performance issue both reactively and proactively
- End-to-end network monitoring reporting and analytics

## Keysight Assures Vital Access to Data

Keysight Visibility Platform complements Riverbed UNPM by extending efficient access to all physical and virtual network and cloud packets and flows needed for analysis. Keysight's Vision series of network packet brokers (NPBs) intelligently collect, filter, and direct packets from networks and clouds to Riverbed UNPM for fast, reliable processing in deployments of any size.

Taps, NPBs, CloudLens, and other elements of Keysight Visibility Platform optimize delivery of data to Riverbed UNPM by:

- Aggregating packets from multiple network and cloud-based access points to Riverbed tools
- Filtering out traffic not needed for analysis
- Removing duplicate packets to improve throughput and storage capacity
- Load-balancing traffic across multiple tools for cost-effective scalability
- Timestamping data for easier troubleshooting of time-sensitive applications
- Generating NetFlow application layer information for enhanced reporting
- Performing SSL decryption to improve visibility



Keysight Visibility Platform is noted for industry-best ease of use and reliable ZERO-loss advanced processing with no dropped packets. Vision NPBs also feature SSL decryption to find hidden threats, and integrated solutions for physical and virtual visibility.

## About Riverbed

Since its inception in 2002, Riverbed has helped the world's largest organizations maximize the performance of their networks and applications so they can reach the full potential of their IT investments. The Riverbed Network and Application Performance Platform enables organizations to visualize, optimize, accelerate, and remediate the performance of any network for any application. Only Riverbed addresses performance and visibility holistically with best-in-class WAN optimization, network performance management, application acceleration and enterprise-grade SD-WAN.

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