

JOINT SOLUTION

Dynamically surface data to avoid risk with Keysight and Riverbed

SCALE MONITORING INFRASTRUCTURE AS THE NETWORK EVOLVES

Your IT and cybersecurity professionals need to see and understand everything taking place in your network, virtual, and cloud environments — when and as it happens. Together, Riverbed and Keysight combine and analyze packet, flow, and device metrics from your network to turn diverse data streams into the right real-time business decisions.

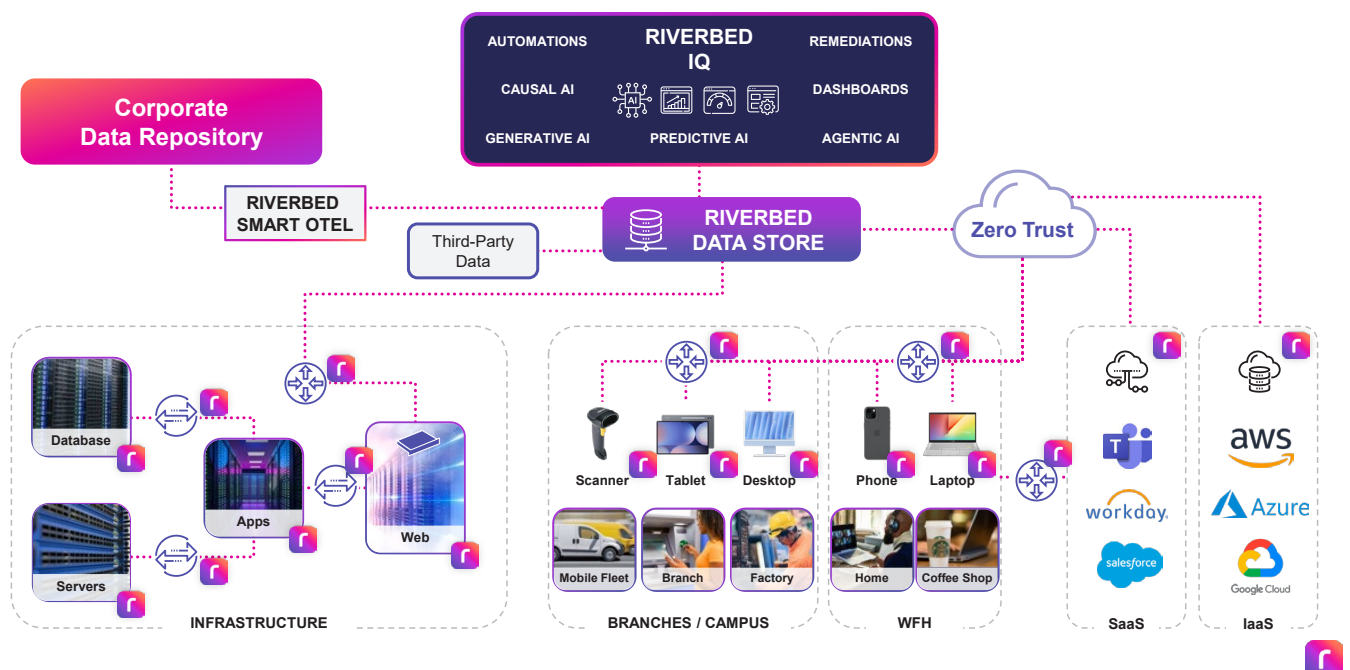
Keysight streamlines delivery of complete, actionable network data and metadata to the Riverbed AppResponse and NetProfiler solutions within the Riverbed Platform.

Riverbed AppResponse and NetProfiler appliances monitor the health and security of hybrid network environments, analyzing network data to help detect threats, isolate issues, and reduce mean-time-to-repair (MTTR).

INTEGRATION HIGHLIGHTS

- Complete visibility across hybrid network/cloud environments
- Scale monitoring infrastructure as the network evolves
- Maintain health and performance of networks and applications across hybrid environments
- Unify packet, flow, and device telemetry
- Analyze key metrics to help isolate problems and reduce MTTR

KEYSIGHT STREAMLINES DELIVERY OF ACTIONABLE NETWORK DATA TO RIVERBED AS MONITORING INFRASTRUCTURES SCALE



ANALYSIS STARTS WITH ACCESSING DATA. RELIABLE ACCESS STARTS WITH KEYSIGHT

Instead of connecting each individual access point directly to every tool that needs to see its data, Vision NPBs collect, prepare, and streamline delivery of analysis-ready flow and packet data to monitoring solutions as needed. Intelligent visibility speeds time-to-action by ensuring every analysis tool receives exactly the right data at the right time.

Vision NPBs:

- Identify and remove duplicate packets and superfluous data
- Contextualize pure packets with rich metadata
- Replicate and load balance analysis-ready traffic to monitoring tools as needed

Keysight's Vision Orchestrator acts as a central point of visibility management and automation to:

- Reduce IT overhead
- Bridge cyber skills gaps
- Scale visibility across your entire hybrid environment at will

UNDERSTAND THE IMPACT OF NETWORK PERFORMANCE ON BUSINESS PERFORMANCE

Riverbed AppResponse can use pre-filtered packet data from Keysight to deliver detailed network and application analysis. Key AppResponse capabilities include:

- Captures and stores all packets, all the time at one-minute granularity, with micro-second level details, so the data is always available when you need it.
- Integrates network forensics, application analytics, and end-user experience monitoring into one solution, deployable across your entire network, including on-premise, virtual, and cloud environments.
- Supports a wide variety of network and application metrics, including TCP/IP, HTTP, SQL, VoIP/Video, DNS, SSL/TLS, and more.

While Riverbed NetProfiler can integrate flow data from Keysight to provide in-depth traffic analysis for identifying hybrid network issues and security threats. Key capabilities include:

- Support for all flow types, including NetFlow, IPFIX, and sFlow and JFlow.
- Automated mapping of application transactions to the underlying infrastructure for accurate application definitions and interdependencies.
- Deploy anywhere for integrated on-premises, virtual, or cloud visibility including Azure, AWS, and Google Flow Logs.
- Support for SD-WAN overlay and underlay visibility for easier identification of problems.

EVERY PACKET TELLS A STORY

Packets from hybrid networks and clouds provide the ultimate source of truth used to:

- Measure, analyze, and optimize network and application performance
- Isolate problem domains
- Ensure the fidelity of network and security forensics

Working together, Riverbed and Keysight make networks and applications perform better with:

- Fast, automated analysis.
- Efficient storage of data for deep-dive forensics.
- Proactive alerting.
- High-definition metadata for full fidelity visibility.



Riverbed, the leader in AIOps for observability, helps organizations optimize their user's 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.



Keysight Technologies, Inc. (NYSE: KEYS) is a leading technology company that helps enterprises, service providers and governments accelerate innovation to connect and secure the world. Keysight's solutions optimize networks and bring electronic products to market faster and at a lower cost with offerings from design simulation, to prototype validation, to manufacturing test, to optimization in networks and cloud environments. Customers span the worldwide communications ecosystem, aerospace and defense, automotive, energy, semiconductor and general electronics end markets. Keysight generated revenues of \$4.2B in fiscal year 2020. More information is available at www.keysight.com.