

## JOINT SOLUTION

# Buy down security and network performance risk with Keysight and ExtraHop

## ZERO TRUST STARTS WITH 100% VISIBILITY

Deploying ExtraHop and Keysight solutions together delivers complete visibility into security threats and network performance issues across your hybrid enterprise. Leverage Keysight network visibility with ExtraHop RevealX to achieve speed, scale, and simplicity, and to keep defenders in control:

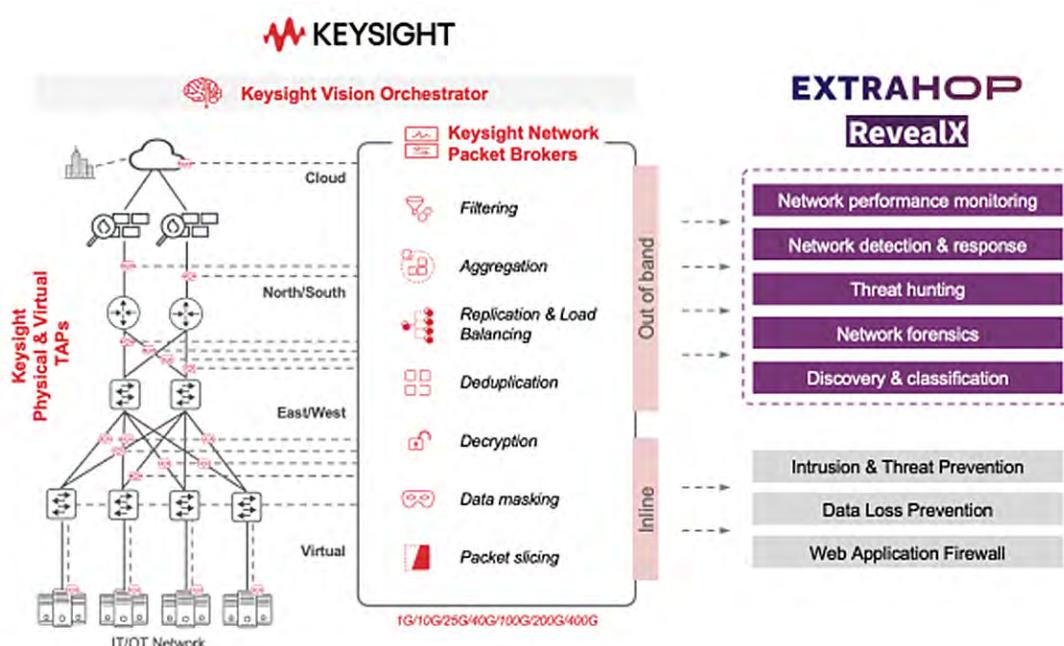
- 100% network visibility with reliable access to network and cloud traffic
- Real-time monitoring and analysis so you can respond faster, stay in compliance, and evolve your business toward a Zero Trust security posture
- Faster investigation and triage of incidents beginning with actionable data and context
- Improved network and application performance and security monitoring across networks of any size

Reduce risk, promote compliance, and scale monitoring and analysis infrastructures on demand

## INTEGRATION HIGHLIGHTS

- Detect, investigate, and triage known and unknown threats as they appear – before events turn into breaches
- Leverage AI and machine learning to prioritize and respond to a range of threats, including lateral movement, ransomware, and data exfiltration
- Improve monitoring workflows to maximize ROI and bridge resource gaps
- Advance your journey toward a Zero Trust security posture

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



## 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

## REDUCE RISK, PROMOTE COMPLIANCE, AND SCALE MONITORING AND ANALYSIS INFRASTRUCTURES ON DEMAND

Keysight network and cloud visibility capture and streamline delivery of packets and metadata from multiple network access points to RevealX for automated analysis and threat detection:

- Keysight's network (copper, fiber, industrial) and cloud (virtual) taps capture and send traffic from any network or cloud — anywhere in the world — to Keysight's Vision network packet brokers (NPBs) positioned out-of-band.
- Vision NPBs aggregate, optimize, and load balance analysis-ready traffic to RevealX. This serves to:
  - Eliminate the complexity of connecting every network access point directly to every analysis tool
  - Deduplicate and remove unwanted packets and data to improve utilization
  - Ensure zero-loss packet processing
  - Decrypt SSL/TLS traffic to find hidden threats faster
  - Generate rich NetFlow metadata to contextualize threats
  - Provide industry-best ease of operation

## JOINT SOLUTION BENEFITS

- Equip NetOps and SecOps with reliable network data – the richest source available
- Groom traffic to optimize wire feeds
- Decrypt and deliver all the data needed for MITRE ATT&CK analysis

## EQUIP REVEALX NDR TO HELP ANALYSTS INVESTIGATE SMARTER, STOP THREATS FASTER, AND MOVE AT THE SPEED OF RISK

Your Keysight visibility platform equips the ExtraHop RevealX to achieve a 360-degree real-time view of what's taking place across your hybrid enterprise:

- RevealX Network Detection and Response (NDR) uses the power of artificial intelligence (AI) to drive real-time detection, rapid investigation, and intelligent response to sophisticated cyber threats
- RevealX Network Performance Monitoring (NPM) leverages machine learning (ML) to identify network and application performance issues and expedite time to response.

Together, Keysight and ExtraHop ensure reliable real-time visibility and access to accurate data from your entire environment on-premises, in the cloud, or both. Working together, ExtraHop 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.



ExtraHop is the cybersecurity partner enterprises trust to reveal cyber risk and build business resilience. The ExtraHop® RevealX™ platform for network detection and response and network performance management uniquely delivers the unparalleled visibility and decryption capabilities that organizations need to investigate smarter, stop threats faster, and move at the speed of risk.

Learn more at [www.extrahop.com](http://www.extrahop.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](http://www.keysight.com).

For more information on Keysight visibility products and solutions, visit [www.GetNetworkVisibility.com](http://www.GetNetworkVisibility.com).