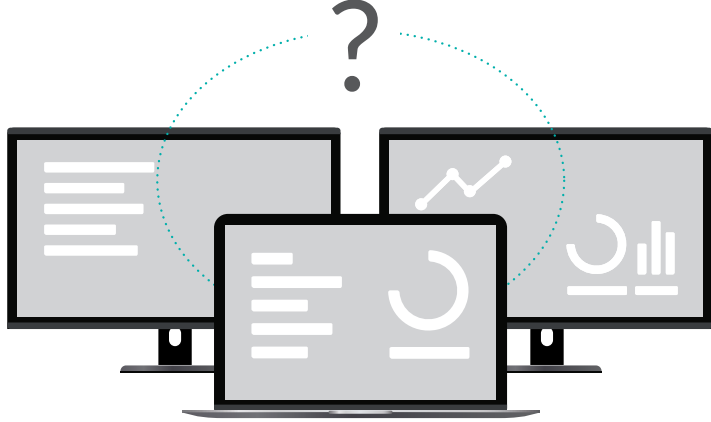# UNCOVERING RIVERBED'S
HIDDEN VISIBILITY CHALLENGES

NetOps and ITOps face countless challenges created by hybrid environments, SDN, and shadow IT. See how ExtraHop and Riverbed handle these challenges differently.

ONE INTERFACE VS. MULTIPLE INTERFACES

Riverbed
(multiple, non-correlated data-sources)

ExtraHop
(comprehensive and correlated wire data)

Riverbed has made a number of acquisitions that have been difficult to integrate and require multiple interfaces for users to navigate. Riverbed is innovating through acquisition and lacks any significant product development outside of feature parity, leaving the user frustrated and wondering what's next.

ExtraHop serves up the richest correlated insights from a unified, and integrated UI -- ultimately taking you from alerts to transactions to packets in a matter of clicks, all within one seamless interface.

LACK OF SCALABILITY

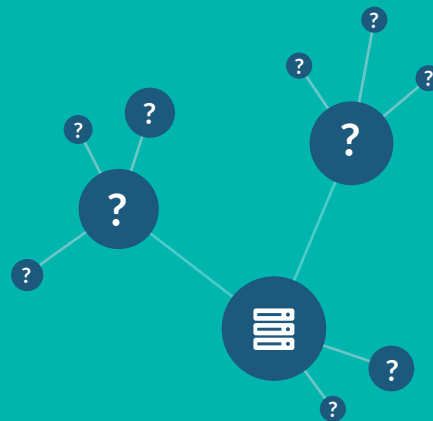**ExtraHop**

100 Gbps
FULL LINE-RATE DECRYPTION

Riverbed
18Gbps
WITH DPI
Up to 20 Gbps
without Decryption

Riverbed's flagship appliance peaks at 20Gbps or 167k RSA/min, and performance decreases to 18Gbps when SSL or DBA analysis is turned on. ExtraHop decrypts and analyzes in real-time all the way down to the application payload at Layer 7, even TLS 1.3 without the need to store packets. ExtraHop's decryption is hardware-based and can operate at line rate up to 100Gbps or 3.6 million RSA/min. on a single appliance.

LIMITED PROTOCOL ANALYSIS

Riverbed

20
PROTOCOLS

200
METRICS

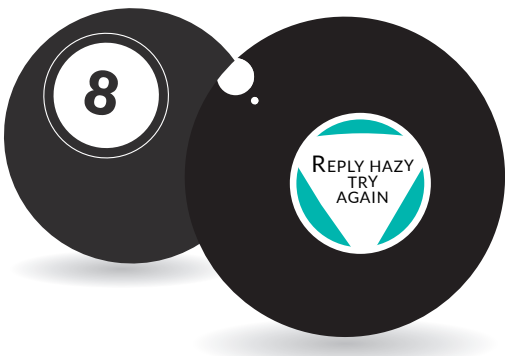Riverbed supports 200 metrics and 20 protocols.

ExtraHop

50+
PROTOCOLS

4700+
METRICS

ExtraHop decodes 50+ protocols and over 4,700 metrics in real-time before writing to disk.

NO MACHINE LEARNING

REPLY HAZY TRY AGAIN

Riverbed

Riverbed will populate the GUI with pre-defined insights out of the box. However, there is no machine learning from a SLA/Alerting perspective.

Extrahop

ExtraHop processes over 1 PB of wire data per day, training our ML on more than 4,700 wire data metrics, allowing for unmatched breadth, accuracy, and focus in behavioral analytics.

LIMITED APPLICATION VISIBILITY

L2-L4 PROTOCOLS

L7 PROTOCOLS
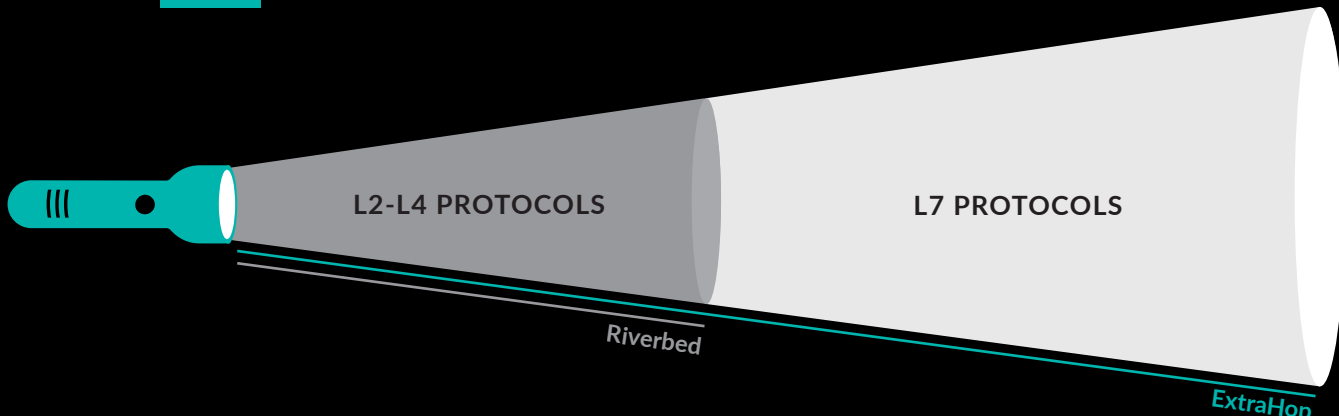
Riverbed

ExtraHop

Riverbed

Riverbed has no L7 visibility into some common enterprise protocols that are in every environment (DNS, DHCP, POP3, and CIFS).

Extrahop

ExtraHop decodes IP-based protocols in order to understand, define, and act on that protocol's unique application boundaries. This allows the ExtraHop to construct complete flows, sessions, and transactions for total application fluency.

SEE EXTRAHOP IN ACTION

Try our fully interactive online demo to see how the ExtraHop platform applies the power of machine learning to your richest dataset – the real-time communications on the network.
www.extrahop.com/demo

ExtraHop