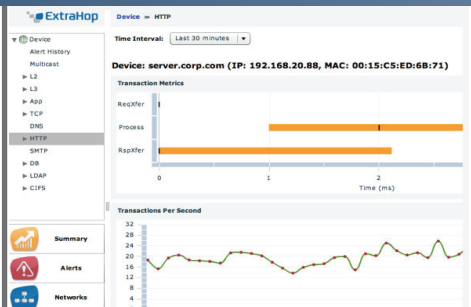


ExtraHop for IT Operational Intelligence

Use real-time wire data analytics to ensure the performance, availability, and security of business-critical applications



ExtraHop enables IT organizations to harness the wealth of wire data flowing through their environment for real-time IT operational intelligence. With the ability to know what is happening in the environment at any time, IT organizations can transform how they operate so that they are more efficient, proactive, and responsive to changing business demands.

IT Operations Value Derived from Wire Data

Wire data is all L2-L7 communications between systems, including full bi-directional transactional payloads. With real-time analysis of your wire data, you can radically improve the performance, availability, and security of your IT environment.



Foresee & Prevent

Foresee IT disruptions and proactively prevent them from occurring in the first place.



Monitor & Act

Monitor your IT environment and act quickly to resolve problems when alerted.



Discover & Visualize

Discover all the nodes and applications on your network and visualize them for asset management and more granular control.



Diagnose & Remediate

Diagnose deeply hidden, highly disruptive issues and remediate them quickly without the need for costly and inefficient “war room” solutions.



Identify & Secure

Identify security breaches and areas of potential vulnerability in order to more fully secure your IT environment.



Benchmark & Assure

Benchmark your environment—especially during P2V migrations—and assure line of business owners of performance and other important SLAs.



Optimize & Evolve

Optimize your environment as a means of evolving your organization towards the vision of next-generation intelligent IT Operations.

How It Works

Passive, 15-Minute Deployment

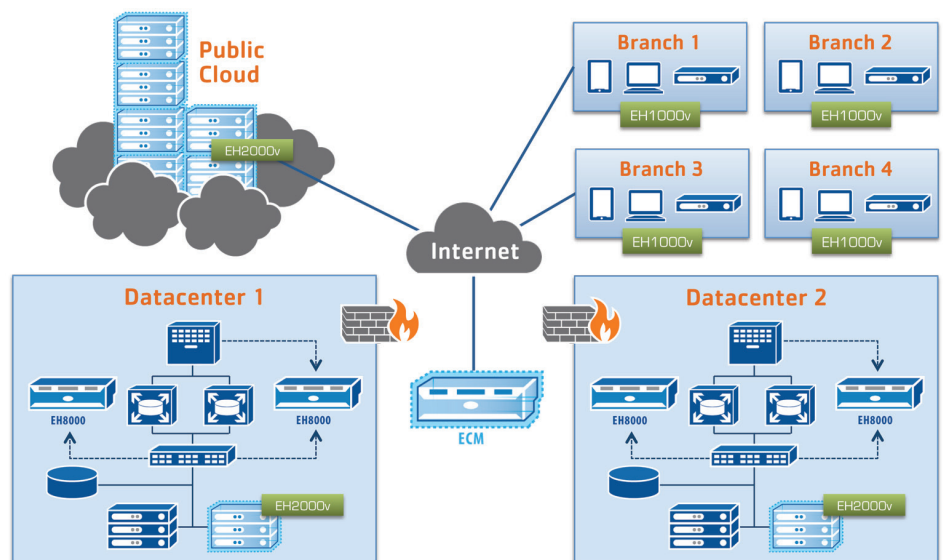
The ExtraHop platform is a completely passive network appliance deployed using a network tap, port mirror, or other data-access technology.

Wire-Data Analysis

While other products only inspect L4 headers, ExtraHop reconstructs all traffic flows, sessions, and transactions to analyze the payload.

Real-Time Datastore

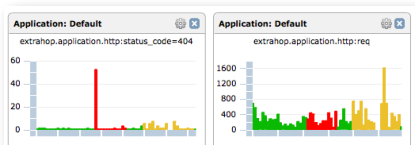
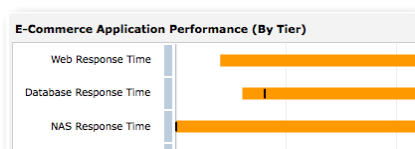
The ExtraHop platform includes a self-contained, streaming datastore for storing and retrieving performance and health metrics in real time.



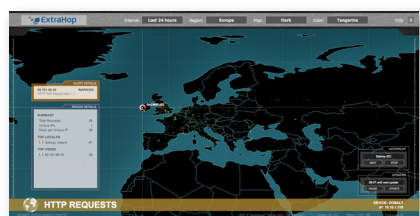


“ExtraHop has helped us move from a reactive mode of operations to proactively resolving issues. We’ve achieved the ‘holy grail’ of IT Operations where we’re not just remediating problems faster, but preventing problems from occurring in the first place.”

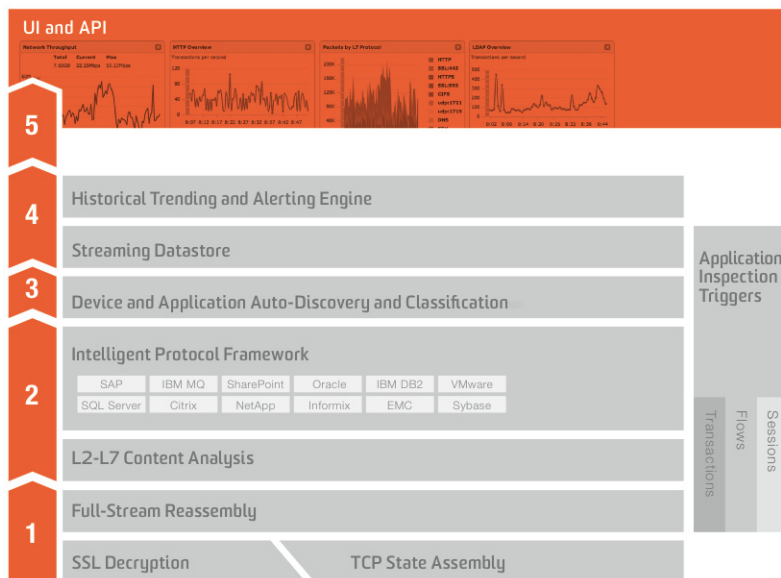
—John Hluboky, VP of Technical Operations, Practice Fusion



Dashboards and real-time alerts help IT and business teams monitor performance-based SLAs.



Real-time analysis of wire data enables IT teams to understand real user experience—as well as the performance of back-end IT infrastructure that affects that experience.



The ExtraHop Context and Correlation Engine

The ExtraHop Context and Correlation Engine is built for massively scalable transaction analysis—up to a sustained 20Gbps of throughput.

1. Upon receiving network traffic, the ExtraHop platform recreates the TCP state machines for every endpoint and reconstructs sessions, flows, and transactions.
2. ExtraHop then analyzes the payload and content from L2-L7, extracting application-level metrics and sophisticated network metrics for all tiers.
3. ExtraHop discovers and classifies devices based on ongoing heuristic analysis of MAC addresses, IP addresses, naming protocols, transaction types, and other elements.
4. Metrics are written to a purpose-built streaming datastore that also powers trend-based alerts.
5. An open and extensible platform, ExtraHop includes a programmatic interface for its parsing engine for simple, rapid customization, and SDK documentation that enables IT teams to access the same API used by the ExtraHop web interface.

Get the ExtraHop Discovery Edition Free

Join the growing numbers of IT organizations harnessing their wire data for operational intelligence. Download your free virtual appliance at www.extrahop.com/discovery.

About ExtraHop Networks

ExtraHop is the global leader in real-time wire data analytics. The ExtraHop Operational Intelligence platform analyzes all L2-L7 communications, including full bidirectional transactional payloads. This innovative approach provides the correlated, cross-tier visibility essential for application performance, availability, and security in today's complex and dynamic IT environments.

