

# Application Analytics

The ExtraHop Performance Platform cuts through the noise generated by operational silos and monitoring tool sprawl to deliver performance and business insights at every stage of your application lifecycle.



## COMPLETE VISIBILITY

Unlike other monitoring tools that only give you part of the picture, the ExtraHop Performance Platform shows everything: you no longer have to patch together incomplete data from logs, agents and feeds after the fact. ExtraHop works on-premises, in the public cloud, and in hybrid environments for end-to-end visibility into every revenue-generating application in every environment.

## REAL-TIME DETECTION

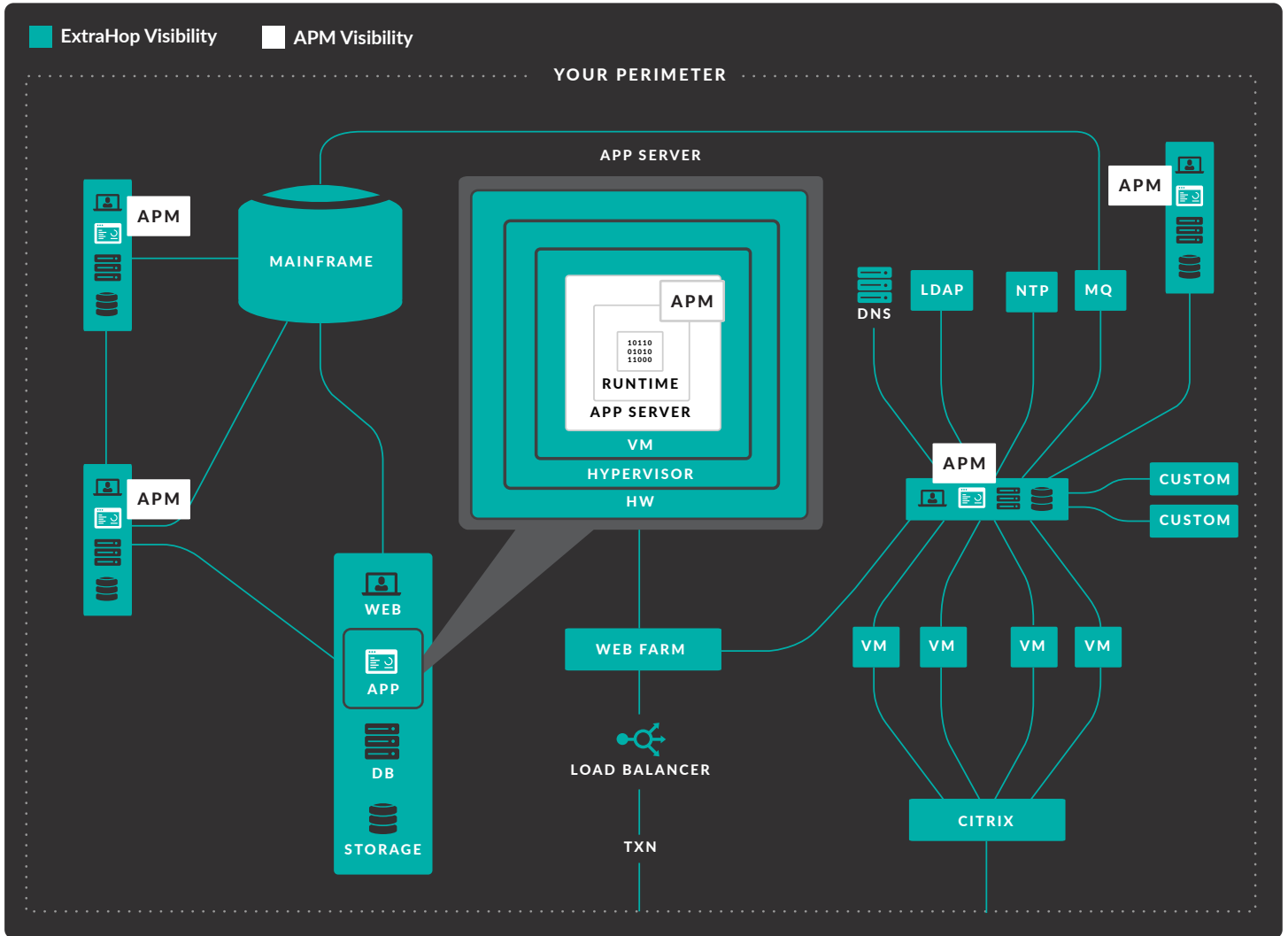
With the ExtraHop Performance Platform, IT teams can automatically spot any issues or anomalies for every device, network segment and application based on deviations from normal behavior, before they impact user experience. Unlike other products that are designed for one team, ExtraHop serves as a source of truth for all teams to eliminate silos and stop the blame game.

## GUIDED INVESTIGATION

The ExtraHop Performance Platform puts data and alerts in context, allowing IT teams to easily explore at a high level and drill down into specifics in a matter of clicks. ExtraHop saves hours of troubleshooting time, enabling real-time and actionable insights so teams can rise above the noise and move to resolution with confidence and agility.

# RISE ABOVE BLIND SPOTS.

ExtraHop provides the complete visibility and correlated insights that fill the gaps left by agent and log-based solutions. These solutions provide data from the core of the application but fail at delivering a comprehensive view of the application complexity, dependencies, and interactions with your broader IT infrastructure. ExtraHop eliminates the blind spots left by APM solutions and guarantees end-to-end visibility across the multi-tier application delivery chain.



## APPLICATION ANALYTICS USE CASES

### User Experience Optimization

ExtraHop provides end-to-end visibility across the application delivery chain with definitive insights into the behavior of revenue-generating applications to help you deliver outstanding user experience.

### Critical Application Rollout

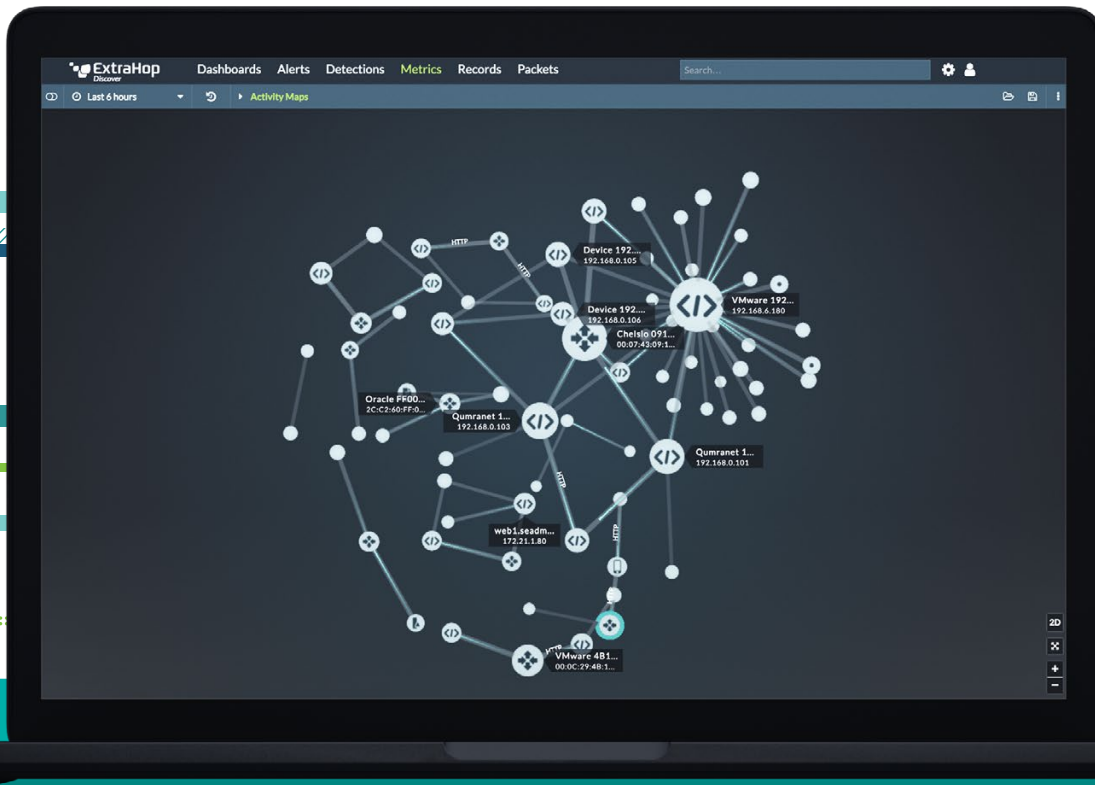
ExtraHop provides you with detailed performance reports and highly contextual data during and after roll out to speed up and optimize the deployment of your most critical applications.

### Application Upgrade / Cloud Migration

With a complete and accurate understanding of application dependencies, you have the visibility and contextual awareness you need to upgrade or migrate revenue-generating applications while minimizing risk and service disruption.

### Off-the-Shelf Application Monitoring

ExtraHop restores visibility by analyzing application communications on the network, showing the source of a slowdown without having to install agents. You can easily see whether the problem is with your infrastructure or the application code, and keep vendors accountable.



## EXTRAHOP PERFORMANCE PLATFORM FEATURES

### Agentless Deployment

ExtraHop passively analyzes network data for application insights, and does not require agents deployed on servers to gain visibility.

### Advanced Machine Learning

Automatically detect performance anomalies for every device, network models using over 4,700 wire data features.

### Transaction Fluency

Auto-discover and classify all devices and assets on your network with deep application layer protocol fluency for more than 50 protocols.

### Investigation Workflows

Use seamless investigative workflows with drill down capability to identify the root cause of issues and move to resolution in a few clicks.

### Scalability

ExtraHop gathers and analyzes data in real time at sustained rates of up to 100 Gbps on a single appliance.

### Continuous Packet Capture

Match application metrics to underlying network packets in real time.

### Line-Rate Decryption

Decrypt SSL/TLS traffic out-of-band and at line rate with no impact on network performance and security.

### Open Platform

Stream events to the industry's most popular data stores, orchestration systems, and ticketing systems to automate workflows.

ENTERPRISE PROVEN

PayPal

CONCUR

jetBlue  
AIRWAYS

NETFLIX

Adobe

OUR  
CUSTOMERS  
RISE ABOVE  
THE NOISE.



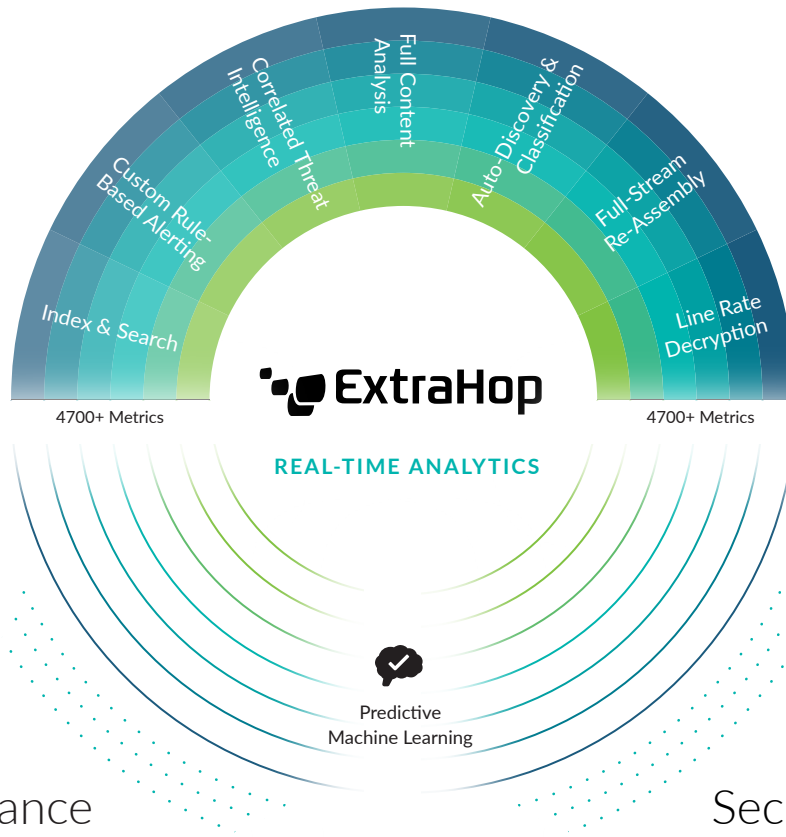
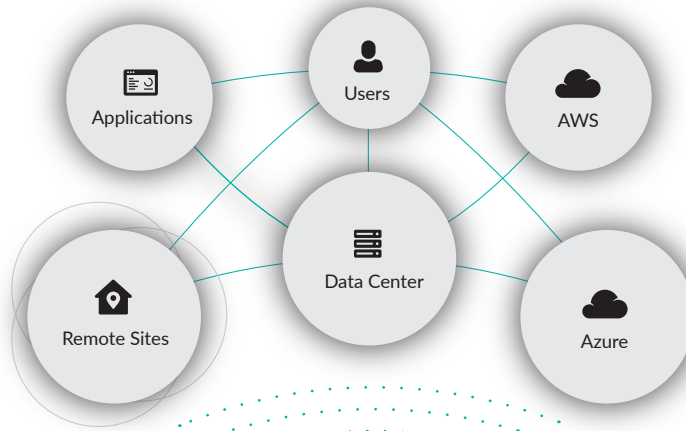
**75%**  
REDUCTION IN  
LOST USER TIME  
DUE TO APPLICATION  
DEGRADATION

**86%**  
REDUCTION IN  
UNPLANNED  
DOWNTIME

**78%**  
LESS TIME SPENT  
TROUBLE-  
SHOOTING

**85%**  
REDUCTION IN  
TIME NEEDED TO  
REPAIR APPLICATION  
DEGRADATION

## RAW NETWORK TRAFFIC



## BUSINESS RESULTS

### Performance

- Real-time application analytics
- ML-driven anomaly detection
- Application dependency mapping
- End-to-end visibility and hygiene
- Guided investigation

### Security

- High-fidelity threat detection
- Hygiene and compliance
- Critical asset discovery
- 1-click threat investigation
- Automated response via SOAR

## ABOUT EXTRAHOP NETWORKS

ExtraHop provides enterprise cyber analytics that deliver security and performance from the inside out. Our breakthrough approach analyzes all network interactions and applies advanced machine learning for complete visibility, real-time detection, and guided investigation. With this approach, we help the world's leading enterprises rise above the noise of alerts, organizational silos, and runaway technology. Whether you're investigating threats, ensuring delivery of critical applications, or securing your investment in cloud, ExtraHop helps you protect and accelerate your business.



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