ExtraHop

Reveal(x)

Network Traffic Analytics for the Enterprise

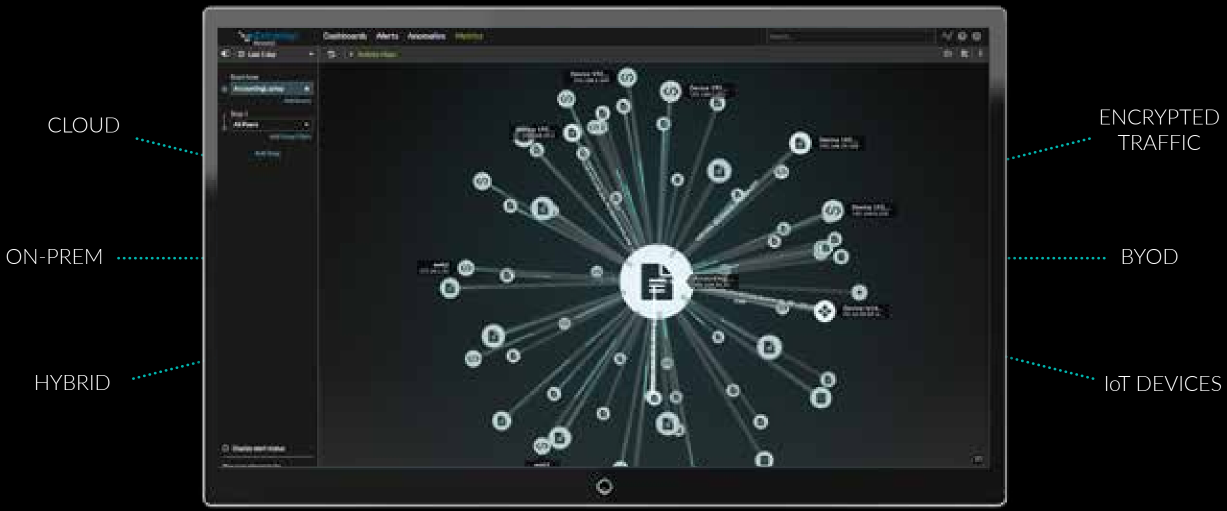
UNPRECEDENTED VISIBILITY. DEFINITIVE INSIGHTS. IMMEDIATE ANSWERS.

Security teams face the constant challenge of needing to gather and analyze large amounts of data and act quickly based on what they see. They need total visibility throughout their network, but they are held back by siloed data, encrypted traffic, tool sprawl, and the challenges of hybrid network architectures, containerized applications, and the cloud.

Many security products deliver a flood of alerts, mostly false positives, that require manual investigation and take precious analyst attention away from the threats that really matter.

ExtraHop Reveal(x) takes a different approach. Reveal(x) automatically discovers and classifies everything communicating across the network and uses advanced behavioral analysis to detect anomalous behavior and threats against critical assets. Analysts see a triaged list of true anomalies they can explore with a single click to auto-correlated forensic data, from transactions down to packets. Integrations can automatically kick off further investigation and response, and everything can be customized to work with your business and security systems, processes, and tools.

UNPRECEDENTED ENTERPRISE VISIBILITY



CLOUD

ON-PREM

HYBRID

ENCRYPTED TRAFFIC

BYOD

IoT DEVICES

Reveal(x) provides richer data and context than any other network security analytics product.

AUTO-DISCOVER AND CLASSIFY EVERY DEVICE that communicates on the network, including BYOD, IOT, and devices that cannot be instrumented or logged.

EASILY FOCUS ON CRITICAL ASSETS such as databases, AAA and DNS servers, executive laptops and R&D systems.

ACCESS AN ENTIRE SET OF L2-7 DATA FOR A TRANSACTION including context and dependencies across tiers, in one event

ANALYZE 40+ PROTOCOLS decrypting SSL and perfect forward secrecy (PFS) traffic

DEFINITIVE INSIGHTS

Using real-time analytics and machine learning on wire data, the richest source of insight available on the network, Reveal(x) detects anomalous behavior affecting critical assets. Our cloud-based ML detection engine warns you when suspicious behavior occurs, and maps the activity to the steps in the attack chain, including Command & Control, Reconnaissance, Lateral Movement, and Data Exfiltration.

- Focus extra scrutiny on critical assets to get warnings and full context around any anomalous behavior affecting your most valuable data.
- Prioritize investigations based on helpful context, including correlated detections, risk scores, and optional annotations from threat intelligence feeds
- Accelerate and simplify remediation and proactively address key use cases.

IMMEDIATE ANSWERS

The Reveal(x) analytics-first workflow takes you from issue to associated packet in a matter of clicks. This simplicity replaces hours spent manually collecting and parsing data. Now you can access real-time insights and rapid root cause determination. Global search and indexing provide immediate access to security insights. And ExtraHop integrates with your existing security infrastructure.

- Prioritize based on automatically correlated live metrics, transaction records, and packets for forensic lookback
- Visualize and explore all communications with live, interactive 3D activity maps
- Automate response using Splunk, Phantom, Palo Alto, ServiceNow, Cisco, Slack, Ansible, Moogsoft, and others

INSTANT PRODUCTIVITY

ExtraHop Reveal(x) organizes likely attack activities according to an attack chain model. Out of the box, Reveal(x) supports the most common security and compliance use cases.

Command & Control 1	Reconnaissance 3	Lateral Movement 2	Exfiltration 1
Outbound Activity	Port Scans	Share Access	Data Movement
Suspicious Connection	Login Attempts	File Access	Geolocation
DNS Lookups	Transaction Failures	SSH Usage	Sensitive Data
More detections	More detections	More detections	More detections

PROACTIVE SECURITY USE CASES

- **Breach Detection & Response** - Detect all stages of the attack lifecycle and expedite forensics
- **SOC Productivity** - Prioritized detection, reduced false positives
- **Ransomware Defense** - Contain and minimize active attacks, recover data
- **Insider Threat Detection** - Detect, contain, and document misbehavior and malicious action
- **Red Team/Audit Findings** - Find or validate concerns and vulnerabilities
- **Reduce Attack Surface** - Improve hygiene and decommission assets and services

CUSTOMER VALUE

95%
IMPROVEMENT
IN TIME TO DETECT

77%
IMPROVEMENT
IN TIME TO RESOLVE

59%
REDUCTION
IN STAFF TO RESOLVE

25%
MORE SECURITY THREATS
SUCCESSFULLY IDENTIFIED

INTEGRATE. AUTOMATE. WIN.

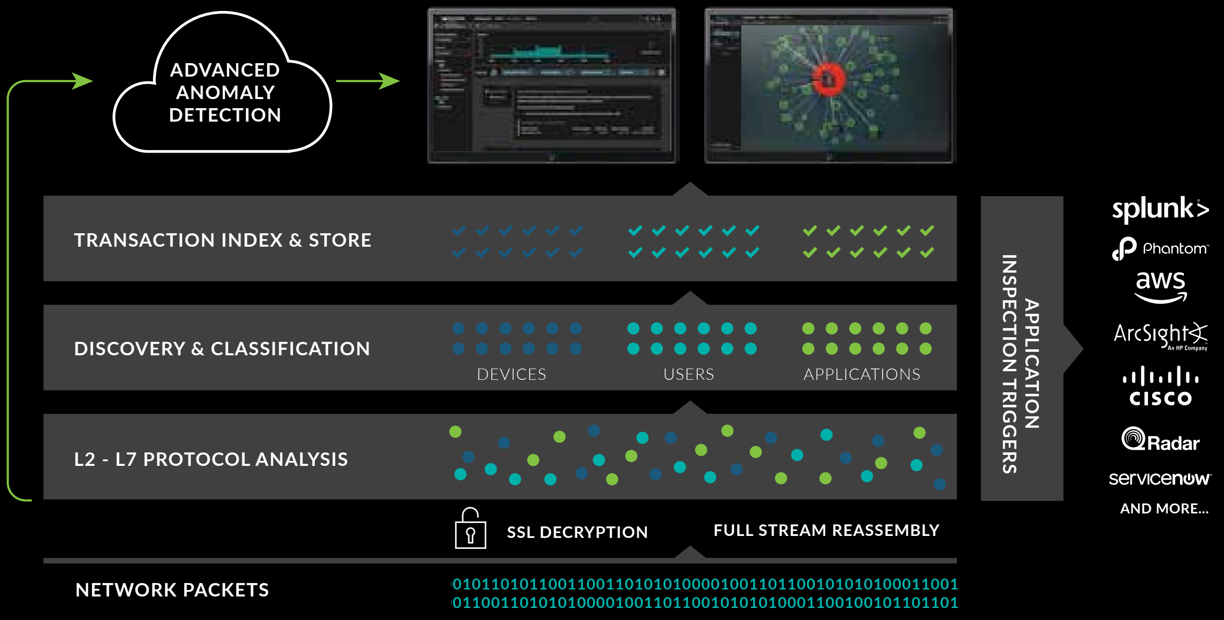
Reveal(x) integrates with every component of your security workflow so you can optimize your resources and act with confidence.

Phantom aws splunk>

View all our integrations at
extrahop.com/platform/integrations/

HOW IT WORKS

Powered by wire data, the richest data source available, ExtraHop Reveal(x) focuses anomaly detection on critical assets providing fast, high-fidelity insights into what matters in your environment and hybrid deployments.



ADVANCED ANOMALY DETECTION

TRANSACTION INDEX & STORE

DISCOVERY & CLASSIFICATION

DEVICES USERS APPLICATIONS

L2 - L7 PROTOCOL ANALYSIS

SSL DECRYPTION

FULL STREAM REASSEMBLY

NETWORK PACKETS

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APPLICATION INSPECTION TRIGGERS

AND MORE...

SIMPLE SUBSCRIPTIONS SUITED TO ANY SECURITY PROGRAM

STANDARD

Ideal for SecOps teams with a modest security program and monitoring requirements

FEATURES

Security Anomaly Detection
Global Index & Search
40 plus Enterprise Protocols

PREMIUM

For mature programs needing encrypted traffic analysis and integrations

FEATURES

Security Anomaly Detection
Global Index & Search
40 plus Enterprise Protocols
+ Decryption (SSL & PFS)
+ Integration & Automation

ULTRA

For sophisticated, proactive programs with forensic and retention requirements

FEATURES

Security Anomaly Detection
Global Index and Search
40 plus Enterprise Protocols
Decryption (SSL and PFS)
Integration & Automation
+ Continuous packet capture
+ Extended storage

ABOUT EXTRAHOP NETWORKS

ExtraHop is the first place IT turns for insights that transform and secure the digital enterprise. By applying real-time analytics and machine learning to all digital interactions on the network, ExtraHop delivers instant and accurate insights that help IT improve security, performance, and the digital experience. Just ask the hundreds of global ExtraHop customers, including Sony, Lockheed Martin, Microsoft, Adobe, and Google. To experience the power of ExtraHop, explore our interactive online demo. Connect with us on Twitter, LinkedIn, and Facebook.

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