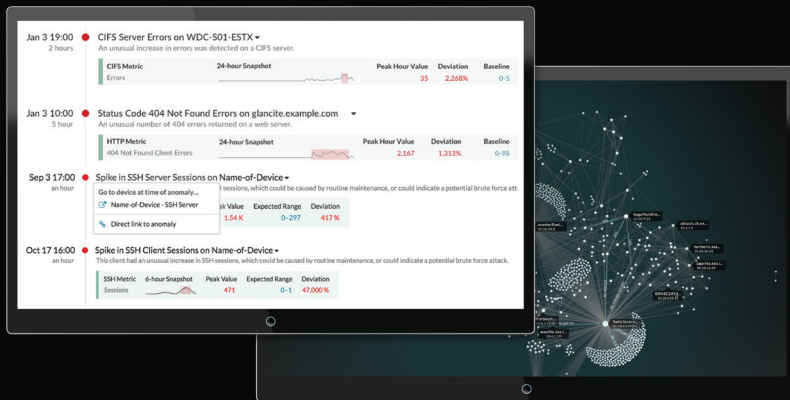# ExtraHop

ADDY

The First Machine Learning Service In the Cloud for Wire Data

Machine Learning

Imagine you had a partner that never slept, was always vigilant, and accurately identified real problems. ExtraHop's cloud-based Addy service acts as your eyes and ears, letting you know exactly when something goes wrong. Addy provides you with real-time situational insight so that you can be more proactive and data-driven.

EASY TO GET STARTED

Simply connect to start receiving alerts for anomalous activity. And because it's all in the cloud, you don't have to worry about configuring or managing Addy at all.

CUT THROUGH THE NOISE

By always surfacing real issues, Addy helps your IT team spend time effectively instead of sifting through false-positive alerts. Addy surfaces problems in context and is the perfect early-warning complement to ExtraHop's unparalleled cross-tier visibility.

BUILT ON WIRE DATA

As leaders in real-time analytics and pioneers in wire data, no other dataset is as robust as ExtraHop's. Addy applies machine learning to wire data, delivering a higher signal-to-noise ratio for more accurate alerts. Get insight into what's happening now versus querying logs, which represent what happened in the past.

MACHINE LEARNING FOR IT: HOPE OR HYPE?

We took a survey of your peers to get their thoughts:

DOWNLOAD THE REPORT extrahop.com/machine-learning-survey

▸ How will IT automation impact jobs in the enterprise?

▸ Which IT roles will benefit most from machine learning?

▸ What are the barriers to expanded automation in IT?

" With ExtraHop Addy, we're alerted to issues we didn't know we had, and it makes us much more proactive...We now have the data we need to be smarter about how we operate. "

DAVID JOHNSON
ENTERPRISE SYSTEMS
SUPPORT SPECIALIST
STATE OF WASHINGTON

ALWAYS ON, SO YOU DON'T HAVE TO BE

The ExtraHop Addy service applies machine learning to the problem of identifying real issues in a sea of data. You can trust Addy because it uses a superior data source—wire data—and is always learning from real-world feedback.

Fearless with Addy

Here are some of the things that ExtraHop customers have done with Addy:

SCAN DETECTION

A large cable provider averted a potential breach when Addy detected a compromised server that was unexpectedly probing systems in another major datacenter, enabling the team to shut down the server and investigate the incident.

DDOS MITIGATION

A financial services firm was able to detect the Dyn DDoS attack in October 2016 and proactively route DNS traffic through an unaffected region to keep its web application available to users.

MALICIOUS DNS ACTIVITY ALERTS

A national medical institution averted two potential security breaches when Addy detected international servers probing their DNS, as well as reverse DNS look-ups.

HOW IT WORKS

STRUCTURED
WIRE DATA

MACHINE
LEARNING

ACTIONABLE
INSIGHT

Addy takes lightweight wire data metrics from the ExtraHop Discover appliance and shoots them up into the cloud. Using scalable cloud computing, Addy performs analysis to understand what's normal for every device, network, and application—and more importantly, what's not. Addy cuts through the noise by applying machine learning with layers of analytics and heuristics. Addy continuously learns so it is always getting better at understanding what's routine and what requires human attention.

READY TO SEE FOR YOURSELF?

EXTRAHOP.COM/DEMO

ABOUT EXTRAHOP NETWORKS

ExtraHop makes data-driven IT a reality. By applying real-time analytics and machine learning to all digital interactions, ExtraHop delivers instant and unbiased insights. IT leaders turn to ExtraHop first to help them make faster, better-informed decisions that improve performance, security, and digital experience. Just ask the hundreds of global ExtraHop customers, including Sony, Lockheed Martin, Microsoft, Adobe, and Google.

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