VECTRA®

SECURITY THAT THINKS.®

NETWORK DETECTION and RESPONSE

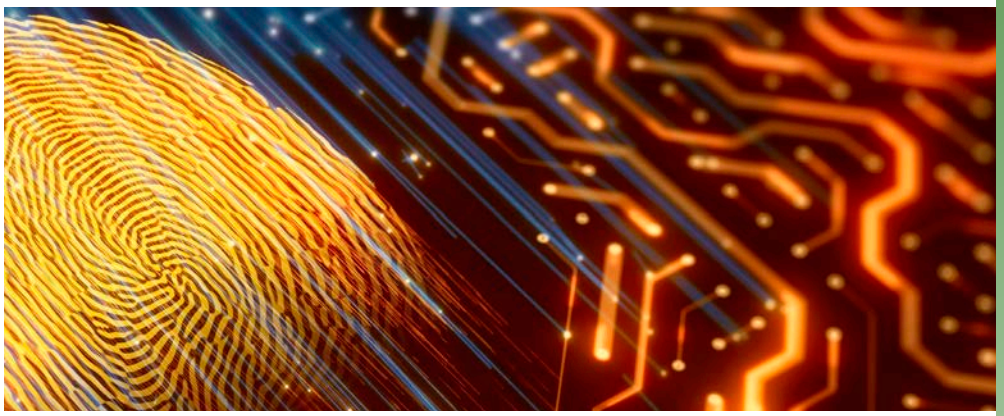
VECTRA
SECURITY THAT THINKS

Why now

Sophisticated cyberattackers constantly invent and reinvent more effective ways to mount their assaults. Their evasive behaviors and the invisible footprints they leave behind change with dizzying frequency. Traditional legacy security designed to keep out attackers are blind to these ever-changing threat behaviors, giving cybercriminals free rein to spy, spread and steal.

"Organizations spend disproportionate amounts of resources and money trying to block a threat that can't be blocked."

How to Respond to the 2020 Threat Landscape
Gartner Research Note Published 17 June 2020
by Analyst John Watts



Our mission is to make the world a safer and fairer place. We see this through the lens of what Vectra does and also through the lens of what our customers do in the communities that they serve.

Hitesh Sheth,
President and CEO, Vectra AI

VECTRA
SECURITY THAT THINKS

The cloud changes everything. With workloads spinning up and down and connections to data coming from every which way, the traditional approach to protecting critical assets does not work in the cloud. And cyberattackers know that simple misconfigurations in the cloud – across IaaS, PaaS and SaaS – create vulnerabilities they can easily exploit.

What's needed is a reliable way to detect hidden attackers and respond instantly to stop in-progress threats from becoming data breaches. One that proactively hunts for evasive threats, augments your existing security investments, keeps up with the changing threat landscape, and offers exceptional scale across cloud, data center, IoT, and enterprise networks.

Why NDR

Attackers are inside your cloud, data center, IoT, and enterprise.

You need to detect and stop the breaches before they cause damage.

Time to invest in network detection and response (NDR) to find and stop threats that are inside your organization.

The network is the single biggest gain in threat visibility.

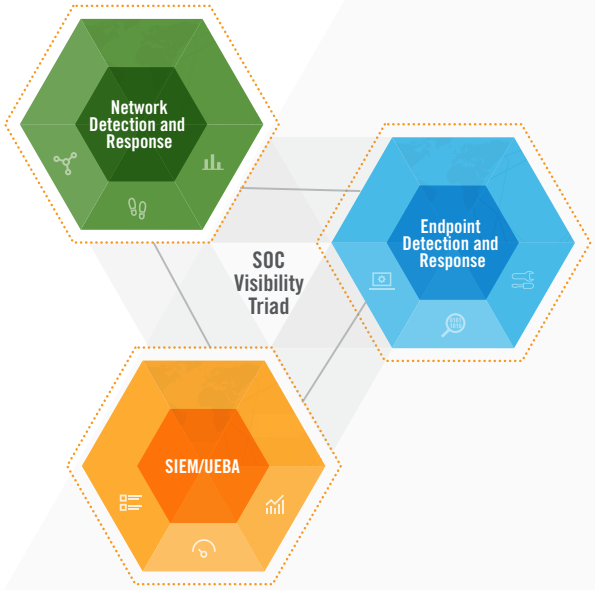
Prevention doesn't stop threats

NDR – Foundational to the SOC visibility triad.

- Cloud-to-ground visibility
- Instantaneous insights
- Informed response
- Integration with EDR and SIEMs

"With Vectra, we can see if an exploit kit is being downloaded and if it was laterally distributed in the network. We have visibility into behaviors across the full lifecycle of an attack beyond the internet gateway."

Eric Weakland,
Director of Information Security
American University



VECTRA
SECURITY THAT THINKS

Why Vectra

We provide the reliable way to detect hidden attacks and respond instantly to stop in-progress threats from becoming a data breach. One that proactively hunts for evasive threats, augments your existing security investments, keeps up with the changing threat landscape, and offers exceptional scale across cloud, data center, IoT, and enterprise networks.

Our value

34x reduction in workload

Ensure that a compromise in your organization never becomes a headline.

- Sees behaviors that evade signature and anomaly based detection tools
- Takes action based on high-fidelity signals
- Reduces alert fatigue with prioritized incidents

Efficient security

100% decrease in time to respond

Make sure that your analysts are working on the right incidents at the right time.

- Improves your signal-to-noise ratio
- Enables efficient hunting and response
- Prioritizes hosts and accounts that need immediate attention

"With Vectra's early-detection capabilities, we have more confidence in stopping cyberattackers before critical infrastructure is damaged or valuable data is stolen."

Jojo Maalouf,
IT Security Manager, Hydro Ottawa

Ensure compliance

$7 million saved – Eliminated need for post-breach forensic analysis

Assess and seamlessly adapt to changes in security and regulatory mandates.

- Delivers security-enriched network metadata for hunting and reporting
- Continuously validates your compliance posture
- Integrates with existing governance, risk and compliance (GRC) ecosystems to allow rapid response

"Vectra saved the A&M System $7 million in a year and we cut threat investigation times from several days to a few minutes."

Daniel Basile,
Executive Director of the Security Operations Center
The Texas A&M University System

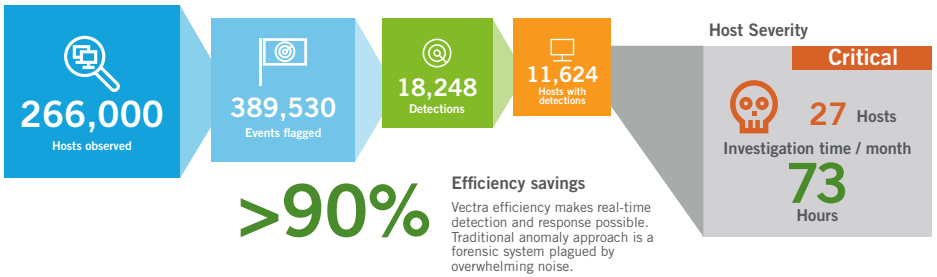
VECTRA
SECURITY THAT THINKS

Secure cloud

Six-month ROI

Gain business confidence with greater visibility and security posture across your cloud footprint.

- Visibility into Microsoft Office 365 and other cloud applications
- Natively deploys in the public cloud
- Integrates seamlessly across security stack



As the leader in NDR, Vectra uses AI to automate threat discovery, prioritization, response. By doing the thinking and reducing the security operations workload, your team will have more time for proactive hunting. Now you know why Vectra is known as Security that thinks®.

"With Vectra, I can focus on the highest-risk threats. With other solutions, I have to filter to get rid of hundreds or thousands of false positives."

Matthias Tauber,
Senior Services Manager for IT Security
DZ Bank

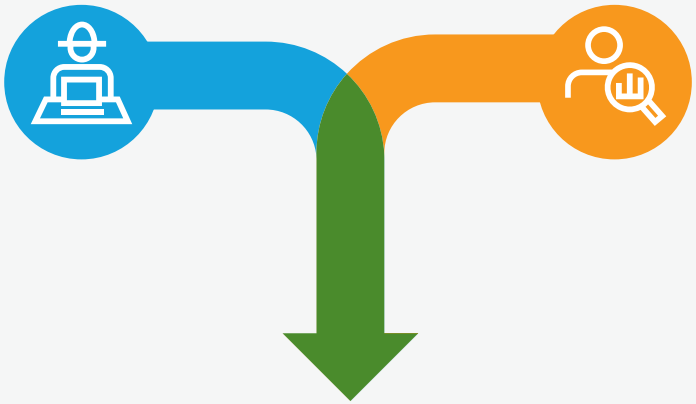
VECTRA
SECURITY THAT THINKS

The Vectra difference: Security research + data science

Enrich data by concurrently pairing security and data science.

Security research

Fundamental attacker behaviors sourced from securing the world's most critical assets



Data science

Team of **Ph.D data scientists** who codify behaviors across unsupervised, supervised and deep learning models

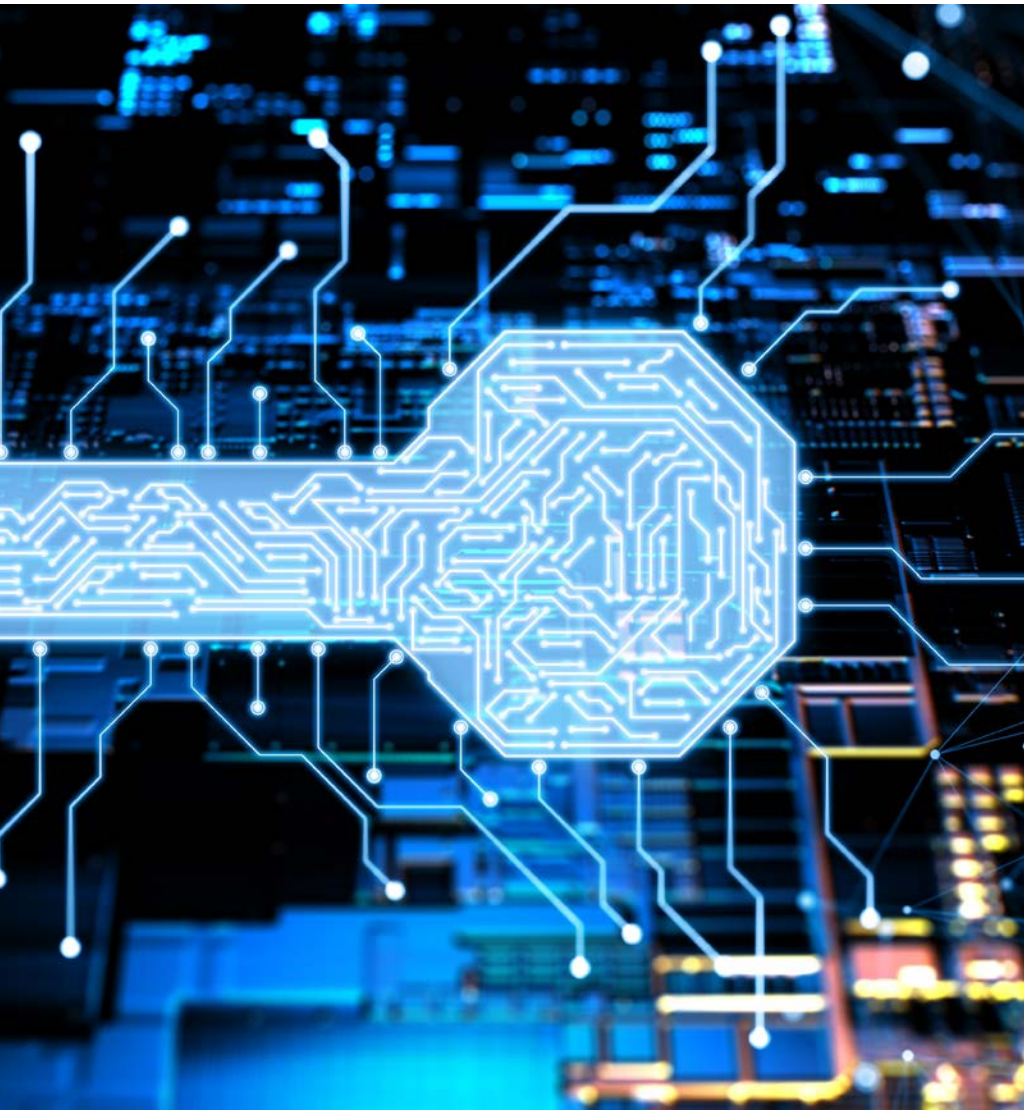
Security analyst in software

Automated Tier-1 activities resulting in **34x workload reduction** and maps to 95% of the **MITRE ATT&CK framework**.

It starts with the right data. The person with the most security data does not win. Winning requires the right data. Data that is thoughtfully collected and curated from relevant sources and enriched with actionable insights and context about every attack. And it must be at your fingertips so you always know the where, what, when, and how of the attack.

"Vectra filled a gap. We needed to know what we didn't know, and Vectra showed us what was hidden."

Brett Walmsley,
CTO, NHS Foundation Trust, Bolton



Cutting-edge security research in context. Researchers take unexplained phenomena seen in customer networks and dig deeper to identify the underlying reasons for the observed behavior. Focusing on the goals of attackers and methods they use to achieve them lead to detection methods that are incredibly effective for extended periods of time. This ensures that the security posture of our customers is not a constant race against time.

Meaningful AI is what matters. AI must provide the value of detecting, clustering, prioritizing, and anticipating hidden attacks that are beyond the abilities of humans. The objective is to automatically find, triage and classify attacks in cloud, data center, IoT, and enterprise networks while reducing human effort so analysts can focus on threat hunting and incident investigations

With data sets from our security research team and external sources, data scientists develop the machine learning and behavioral analysis behind the AI. Attackers' goals are placed in context of the broader campaign that attackers wage and provide insights into durable ways in which threats can be rapidly detected and mitigated.

"With Vectra we can stop threats before they cause damage."

David Whelan,
Group IT Director, Ardagh Group

VECTRA
SECURITY THAT THINKS

#1 AI-driven NDR platform

The Vectra NDR platform is in 100% service of detecting and responding to attacks inside cloud, data center, IoT, and enterprise networks. Our job is to find those attacks early and with certainty.

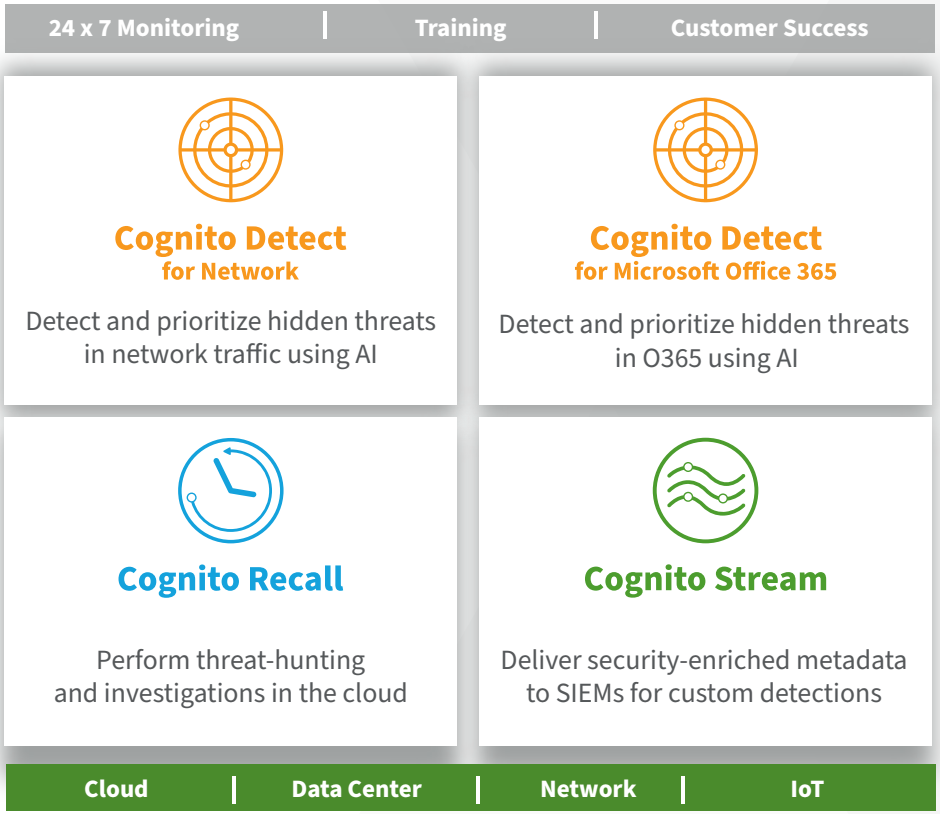
It starts with having the right data to make this happen. This is not about the volume of data. It is about the thoughtful collection of data from a variety of relevant sources and enriching it with security insights and context to solve customer use-cases.

Attack behaviors vary, so we continuously create unique algorithmic models for the widest range of new and current threat scenarios. Performing well beyond the abilities of humans, Vectra gives you a distinct advantage over adversaries by detecting, clustering, prioritizing and anticipating attacks.

"Vectra is a great product. They have a unique approach to identifying threats and malware on your network. The network-centric approach from Vectra has been the key to threat analysis and awareness."

Robert Rivera,
Senior Engineer, Cooper University Health Care

For more information please contact a service representative at info@vectra.ai.



Please join us in making the world a safer and fairer place.

Email info@vectra.ai vectra.ai