

FICO Unifies Hybrid Network Visibility with Vectra Fusion

FICO is a leading analytics software company that helps organizations make better decisions at scale. With operations spanning on-premises data centers and multiple cloud environments, FICO requires consistent visibility and control across a complex, hybrid network.



Organization
FICO

Industry
Software

The Challenge
FICO needed a way to consistently see and manage activity across its hybrid network, as its existing NDR solution couldn't scale without significant cost and operational overhead.

The Solution
They adopted Vectra Fusion, a cloud-native platform that unified visibility across on-prem and multi-cloud environments without the need to deploy or manage monitoring infrastructure.

The Results
With Vectra Fusion, FICO reduced operational overhead, accelerated response to anomalous activity, and gave teams a more consistent way to understand what's happening across its hybrid environment.

Security Transformation Platform value at a glance

| Vectra AI's Impact | Outcome |
|----------------------|---|
| Observability | <ul style="list-style-type: none"> Gained visibility across multi-cloud and on-prem environments Achieved a unified view of network activity across clouds and data centers |
| Signal | <ul style="list-style-type: none"> Enabled high-value insights into unwanted activity using customizable detection models that could be applied at scale Provided consistent interpretation of behavior across cloud and data center environments |
| Control | <ul style="list-style-type: none"> Accelerated response to anomalies and compromises Reduced operational overhead by eliminating the need to operate monitoring infrastructure Shortened time-to-value through built-in integrations with cloud platforms, Panther SIEM, and other tools |

The Challenge Comprehensive visibility across multi-cloud and on-prem environments

FICO needed a unified view across its hybrid network, which included on-premises infrastructure and multiple cloud environments. Gaining visibility and control across this environment was particularly challenging.

Their previous Network Detection and Response (NDR) solution was unable to scale without a massive financial investment. At the same time, the team lacked the budget and specialized skill sets required to operate its own monitoring infrastructure, build and maintain integrations, and consolidate and normalize data across environments. As a result, they began looking into an alternative approach.

The Solution

Vectra Fusion: unified observability for hybrid network resilience

Vectra Fusion was the obvious choice — a modern, cloud-native platform designed to scale massively and support high-volume environments. Initially, FICO implemented Vectra Fusion to support its security operations center (SOC) with incident detection and alerting. However, as the team began using the platform more deeply, they quickly recognized its broader value.

“Once we dug in, we fell in love with the product. We started to realize how much more visibility we had in our environment and what other use cases were now possible,” said Shannon Ryan, Senior Director, Security Core Services & Architecture, FICO.

Delivered as a 100% SaaS solution, Vectra Fusion eliminates the burden of deploying and operating sensors, taps, or agents. This allowed FICO to scale quickly, add new data sources, and extend visibility across teams.

Vectra Fusion orchestrates and normalizes network data automatically, giving FICO a consistent level of insight across cloud environments and data centers.

“If there is a scanning attempt or a brute force attack, I don’t have to tell the system to look at it this way in Amazon, this way in Microsoft, this way in the data center, etc., because Vectra Fusion has done that. I have a consistent view and can write one detection and apply it across the board,” Ryan explained.

The Results

Hybrid network protection with reduced operational overhead

With Vectra Fusion in place, FICO achieved measurable improvements across its security operations. Real-time alerting eliminated delays caused by batch-based monitoring, significantly accelerating the team’s response to anomalous activity.

Using a single platform, FICO improved detection, investigation, and response across SecOps, NetOps, CloudOps, and Governance teams.

Vectra Fusion also significantly reduced operational overhead. As Ryan put it: “Before Vectra Fusion, we had to think about how to stand up infrastructure in different environments — Amazon versus data center versus other clouds — because they are all slightly different. Now I am not standing up infrastructure. I am pointing to an API, and it’s just done.”

The platform delivered additional time savings through its detect-everywhere capability, improved team productivity, and scaled successfully, while allowing new users to be up and running in less than 30 minutes.

“Vectra Fusion has become a ‘Swiss Army knife’ for us, helping more teams understand communications across all our different environments very quickly to know what’s happening,” Ryan shared.

About Vectra AI

Vectra AI is the leader in AI security and observability. Vectra AI delivers organizations real-time visibility into their network, clear insight into which behaviors matter, and the ability to act before risk becomes impact. By connecting on-premises, multi-cloud, identity, SaaS, edge, and IoT/OT infrastructure, Vectra AI helps organizations reduce exposure, accelerate detection and response, and automate security operations with AI. With over a decade of AI and ML innovation, 39 patents and a Leader in the 2025 and 2026 Gartner Magic Quadrant for Network Detection and Response, Vectra AI empowers security teams to stay ahead of emerging AI powered attacks, increase operational efficiency, and prove resilient in an increasingly complex, AI-driven world. For more information, visit www.vectra.ai.

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