



Customer Story | Financial Services

# 99.9% Less Noise, Full Confidence: How Verifone Secures Billions in Transactions Globally with Vectra AI

Verifone, a leading multinational provider of electronic payment solutions, processes 14 billion transactions annually, totaling nearly \$450 billion. With a presence spanning over 70 offices, the company provides localized support and expertise to businesses worldwide. Given the scale of their network and the sensitivity of their data, they needed a rock-solid security approach to protect both their infrastructure and customer information.



**Organization**  
Verifone

**Industry**  
Financial Services

**The Challenge**  
Verifone needed an AI-driven solution to uncover hidden threats within their extensive network.

**The Solution**  
By implementing the Vectra AI Platform and leveraging MDR services, Verifone gained comprehensive visibility, real-time threat detection, and continuous monitoring and support.

## Security Transformation Platform value at a glance

To safeguard their global operations, Verifone turned to the Vectra AI Platform for the clarity and insight they needed, enabling their security team to prioritize high-risk threats with precision.

In six months, Vectra AI's Attack Signal Intelligence delivered tangible impact:

Past 6 months		
Before Vectra AI Attack Signal Intelligence	After Vectra AI Attack Signal Intelligence	Outcome
438,430 observed events	222 potential threats, with 6 incidents prioritized	99.9% reduction in noise

To achieve these results, Verifone required a clearer view of their network — exposing threats that traditional tools had missed.

**“We tried various tools but lacked the visibility needed to detect hidden threats within our network traffic. Vectra AI filled that gap, allowing us to uncover and address risks like potential tunnels or data exfiltration, which would have been previously invisible to us.”**

### The Challenge

## Addressing initial visibility gaps

The company's large-scale network and the sensitive nature of their transactions made them a prime target for potential attacks.

Previously lacking a Network Detection and Response (NDR) solution, they sought a platform that offered AI-driven detection capabilities to help streamline their operations.

"We tried various tools but lacked the visibility needed to detect hidden threats within our network traffic. Vectra AI filled that gap, allowing us to uncover and address risks like potential tunnels or data exfiltration, which would have been previously invisible to us," said Mahmoud Abdirahman, Global Cybersecurity Engineering Architecture Manager for Verifone.

### The Solution

## Integrating Vectra AI for better security

Verifone implemented the Vectra AI Platform powered by AI-driven Attack Signal Intelligence to bolster their security posture.

Emphasizing the value of this strategic decision, Abdirahman explained, "Vectra AI helps us identify potential issues that we would have been unaware of, boosting our ability to protect both our network and our customers."

## Immediate benefits seen during pen testing

During a routine penetration test, Vectra AI instantly flagged suspicious activity. In less than five minutes, the platform alerted Verifone's Security Operations Center (SOC) team, providing detailed insights into the simulated attack's origin and tactics.

"In a recent pen test, Vectra AI automatically detected extensive scanning of our domains and internal assets, feeding the data into our SIEM, Microsoft Sentinel. Instantly, we received an alert from Vectra AI about unusual network activity," said Abdirahman.

By implementing Vectra AI, Verifone's security team gained unmatched visibility into their network traffic, allowing them to detect and respond to potential threats in real-time. Vectra's AI-driven analytics armed their team with actionable insights to proactively address vulnerabilities and mitigate risks before they could escalate.

## 24/7 expert support with Vectra AI MDR

The Vectra AI Managed Detection and Response (MDR) service added crucial support to Verifone's strategy. With always-on monitoring and incident response, Vectra AI's security experts eased Verifone's workload, providing 24/7 access to the latest threat intelligence.

"I highly recommend everyone use Vectra AI's MDR service. It has made our triaging much easier. It's the perfect complement to our security tools, and you don't need to worry about having expertise in-house because Vectra's experts handle it for you," explained Abdirahman.

**"Vectra AI helps us identify potential issues that we would have been unaware of, boosting our ability to protect both our network and our customers."**

**MAHMOUD ABDIRAHMAN**  
Global Cybersecurity Engineering  
Architecture Manager, Verifone

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**MAHMOUD ABDIRAHMAN**  
Global Cybersecurity Engineering  
Architecture Manager, Verifone

## The Results

### Building lasting security

Since integrating Vectra AI into their security toolkit, Verifone has significantly strengthened protection for their global payment infrastructure and customers. With the visibility from Vectra AI's platform and the expertise of their MDR service, Verifone can now:

- **Anticipate and Mitigate Threats:** Verifone's security team can now detect and respond to potential threats before they can cause harm, minimizing the risk of disruption and potential data breaches.
- **Reinforce Security Infrastructure:** By gaining a comprehensive understanding of their network activity and vulnerabilities, Verifone has strengthened their security posture, making them less of an attractive target for cybercriminals.

By implementing these changes, Verifone is well-prepared to stay ahead of threats, tackle security challenges head-on, and drive innovation forward.

"Vectra AI checks all the boxes for me. I highly recommend running a proof of concept (POC) with them. Vectra AI revealed issues we didn't know about, such as exfiltration or man-in-the-middle attacks." Abdirahman continued, "You might not realize the threats within your network until you see it in action."

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Global Cybersecurity Engineering  
Architecture Manager, Verifone

## About Vectra AI

Vectra AI is the leader in AI-native 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](http://www.vectra.ai).

**For more information please contact us:** Email: [info@vectra.ai](mailto:info@vectra.ai) | [vectra.ai](http://vectra.ai)

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