![HYAS logo]

CASE STUDY
HYAS INSIGHT
SHINES A LIGHT ON FINANCIAL FRAUD

EXECUTIVE SUMMARY

- A major national bank was searching for ways to enhance cyber threat investigative capabilities.

- HYAS Insight's unique approach to threat intelligence added new depth and breadth to their investigations.

- As a SaaS solution, HYAS Insight was simple to integrate with their existing security stack.

- By pivoting between data sets within HYAS Insight, the security team was able to uncover related instances of fraud.

FOCUS ON FINANCIAL INSTITUTIONS

By their very nature, financial institutions present an appealing target for cyber fraud and attacks. But the risk doesn't just affect business, it can also drastically impact customers, leading to further complications and damage to reputation. This is why risk management at financial institutions is so crucial to maintaining normal operations.

Unfortunately, no matter how strong an organization's outward-facing defense is, it is inevitable that an attack will get through. If a bad actor can have just one employee fall for a phishing scam, visit a malicious website, or even agree to purposefully release malware, all the cyber defense in the world won't be able to stop them. Of course, exposure to malware isn't just the result of employee action. Zero-day attacks, device vulnerabilities, or unpatched machines can create openings for bad actors as well.

In addition to direct attacks, financial institutions also have the responsibility of investigating and exposing cases of fraud. Getting actionable evidence requires a platform that can expose the hidden links leading back to the responsible parties.

COMPANY PROFILE

One of the largest banks in this country services more than 8.5 million customers in business, retail, and other sectors worldwide. Given the sensitive information the bank handles, they already had a robust, dedicated security team and a number of technical solutions in place to prevent and respond to cases of breaches, malware, fraud, and other cybercrimes.

DIGITAL SLEUTHING

As a top global financial institute, the bank understood the danger posed by the current cyber threat landscape. As such, the security team is constantly on the lookout for ways to improve their ability to respond to incidents and resolve them favorably. However, the key to resolving these cases is having the visibility necessary to definitively show a link between the incident being investigated and the bad actors behind it.

HYAS Insight provided this visibility and illuminated attack infrastructure previously unseen. The bank's security team was thoroughly impressed with the richness of the new data they were receiving and the extra context the platform gave them.

↗ **At an annual cost of $18.3 million per company, the banking sector loses more revenue to cyber attacks than any other industry.**

"It's easy to login, put some details in, and off you go," said the Cyber Threat and Vulnerability Intelligence Manager at the institution. "The key was understanding the context of the data, how pivoting works, and where to share the data we find related to specific threats. Seeing that this phishing campaign was related to X, Y, Z, or that a single [phone] number was associated with X-amount of bank accounts that were opened is very useful."

In addition to its turn-key deployment and easy-to-use functions, the HYAS SaaS solution integrated seamlessly into the bank's existing security stack.

The security team was particularly impressed with HYAS Insight's geolocation feature, which has proved useful in identifying definitive links between fraud cases. In one instance, the team detected unusual behavior from multiple IP addresses that were being routed through a VPN. HYAS Insight enabled the team to circumvent the VPN and gather location data, which indicated all of the IP addresses were located in the same area.

HYAS INSIGHT

HYAS Insight is an advanced threat intelligence and investigation platform that gives organizations the ability to identify, track, and attribute fraud and attacks faster and more efficiently. By analyzing data aggregated from leading private and commercial sources around the world, HYAS Insight enables clients to identify suspicious infrastructure likely to be used in attacks — sometimes months before it is even activated.

HYAS Insight provided the bank unprecedented visibility into the origins of attacks, the campaign infrastructure being used, and the architecture likely to be used against them in the future. Powered by an unrivaled understanding of attack infrastructure and a proprietary graph database — which aggregates information from commercial and private sources and uncovers the relationships between them — HYAS Insight provided the financial institution previously inaccessible data as well as the rich context needed to use it.

Find out how HYAS Insight can take your investigations to the next level by speaking with a HYAS representative today.

CONTACT US
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INVESTIGATE ATTACK INFRASTRUCTURE FURTHER **AND IDENTIFY FRAUD FASTER**

HYAS INSIGHT

An efficient and expedient investigation is the best way to protect your enterprise. HYAS Insight provides threat and fraud response teams with unparalleled visibility into everything you need to know about the attack. This includes the origin, current infrastructure being used and any infrastructure.

PROTECTING BUSINESSES AND SOLVING INTELLIGENCE PROBLEMS
THROUGH DETECTION OF ADVERSARY INFRASTRUCTURE AND ANOMALOUS COMMUNICATION PATTERNS

HYAS is a world-leading authority on cyber adversary infrastructure and communication to that infrastructure. HYAS is dedicated to protecting organizations and solving intelligence problems through detection of adversary infrastructure and anomalous communication patterns.

We help businesses see more, do more, and understand more in real time about the nature of the threats they face. HYAS turns meta-data into actionable threat intelligence, actual adversary visibility, and protective DNS that renders malware inoperable.

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