CASE STUDY

HYAS CONFRONT
SECURES PRODUCTION NETWORK

⤴ COMPANY AT A GLANCE

Unified Signal provides back-office telecommunications solutions that allow companies to offer value-added features to their white label services. The company has deals with all four major U.S. carriers, enabling them to offer turnkey telecommunication infrastructure access to services that can be sold under a private label to customers anywhere in the United States. Its suite of services includes: pre- and post-paid cellular, VoIP, IoT, home telephone, internet, financial services, music streaming, and wellness services. Over the past two decades, Unified Signal has helped activate more than 150 brands and serves more than 2 million customers.

⤴ CHALLENGES

- Address the growing threat of supply chain attacks.

- Increase visibility into their production network to understand suspicious or malicious traffic.

- Solution had to be easy to roll out and cost efficient.

- Needed a solution that provided protection without adding to workload.

⤴ RESULTS

- Better prepared to defend against growing supply chain cyber threats at the DNS level.

- Identified and addressed anomalies within their network.

- The rollout was silky smooth, utilizing a passive cloud hosted DNS deployment.

- Provides peace of mind without adding to workload, letting the company focus its resources on growing their business.

Hitting Companies Where It Hurts

Unified Signal is a rapidly growing company, so its reputation and business model hinges on the ability to keep its services operating 24/7. However, its expansion also happens to coincide with a huge uptick in supply chain cyberattacks in recent years. Bad actors have figured out that attacking a company's ability to deliver their product has a much more significant impact on their bottom line than attacks on their corporate network.

Naturally, as Unified Signal expands, they become a more visible and attractive target for bad actors, which means they need to be constantly looking for ways to enhance their security stack to maximize uptime. The company was searching for a protective DNS option, and was impressed by HYAS's ability to detect anomalies using advanced threat assessment and machine learning.

Increased Network Visibility

Unified Signal was also very impressed with HYAS Confront's ability to provide increased visibility into DNS traffic on their production network. By better understanding which devices on their network are reaching out and to whom, administrators can keep their networks tidy and secure. This can include addressing mundane issues, like rooting out misconfigurations, or more serious threats, like potential security vulnerabilities. When an anomalous occurrence is detected, administrators can investigate the incident and either fix the issue or qualify the validity of suspicious domains.

In the case of Unified Signal, while Confront was establishing a baseline for traffic, it flagged some odd DNS calls. While looking into these, their team was able to validate many as legitimate, but they were also alerted to a number of devices that were misconfigured and making calls to obsolete systems, as well as some other items that needed to be cleaned up.

Efficient Rollout

When implementing HYAS Confront, Unified Signal was impressed by the ease with which the product was implemented. The company was intrigued by the power of PDNS after seeing a recent report published by CISA and the NSA that highlighted HYAS. Since Unified Signal did not have in-house PDNS expertise, they selected HYAS to be an extension of their cyber security team and a true business partner. The HYAS team walked Unified Signal through the implementation process, which did not require any changes to the company's existing infrastructure. Even better, HYAS Confront can easily scale as Unified Signal's traffic needs change.

Smooth Sailing

After establishing a baseline of normal traffic for Unified Signal, HYAS Confront has provided proactive security to thwart attacks before they happen—and that's great news to the company. "HYAS Confront provides us with the visibility and control we need to protect our production network," said Paris Holt, CEO of Unified Signal. "We were able to quickly establish a baseline, and now we have peace of mind from knowing that Confront will alert us to any anomalies in the production network."

Once set up, HYAS Confront is simple to maintain, as it constantly updates its detection engine based on the latest threat intelligence from HYAS. This way, the company is able to notice anomalies before they have a chance to do any harm. Because HYAS Confront was so easy to set up and maintain, Unified Signal is able to keep their resources focused on their product, giving them the confidence to keep moving their business forward.

"HYAS Confront provides us with the visibility and control we need to protect our production network"

PARIS HOLT
CEO of Unified Signal

CONTACT US FOR A DEMO
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INVESTIGATE ATTACK INFRASTRUCTURE FURTHER **AND IDENTIFY FRAUD FASTER**

HYAS CONFRONT
Uses unrivaled authoritative attacker infrastructure knowledge and multivariate pattern analysis to proactively and preemptively protect your production network from cyber attacks.

WE'RE NOT HERE TO PLAY CAT AND MOUSE
WE'RE OUT TO CHANGE THE GAME

HYAS is a valued partner and world-leading authority on cyber adversary infrastructure and communication to that infrastructure. We help businesses see more, do more, and understand more about the nature of the threats they face, or don't even realize they are facing, on a daily basis. Our vision is to be the leading provider of confidence and cybersecurity that today's businesses need to move forward in an ever-changing data environment.

HYAS.COM