




SOLUTION BRIEF
HYAS Insight + HYAS Protect

Threat and Fraud Intelligence & Proactive Protection and Cyber Resiliency for Government and Law Enforcement

Overview

Federal agencies and both state and national government institutions are often faced with the extremely difficult mission of protecting not just their organization but their users and citizens from would-be cyber criminals looking to steal money, identities, or otherwise incite fear and cause harm. The mission is embedded in their mandate, but the challenge is real, especially as cyber criminals advance their techniques, develop



new tactics, increase their capabilities, and mask their locations. In the fiscal year 2023, the number of cybersecurity incident reports by federal agencies in the United States alone was over thirty-two thousand – nearly 90 per day on average – and that was just in the United States. According to reports, in only the three months between March and May 2023, the number of recorded incidents targeting government agencies was fifty-five thousand..

This problem is increasing every year, and creates challenges from the local to national level caused by everyone from “common criminals” to nation-state bad actors.

Fortunately, at HYAS™, we know your enemy. HYAS provides innovative and unique solutions for both investigation and protection use cases for government, military, law enforcement, state and federal organizations.

The foundation of HYAS is the HYAS Adversary Infrastructure Platform – a vast data lake of infrastructure and related IOC intelligence which excels at providing “VRA” insights. V = Verdicts on infrastructure, which can and will change over time; R = Related Infrastructure and IOCs, which is critical not just to build out the campaign infrastructure for existing investigations but to get proactive and shift from what has happened to understand what will happen; A = Attribution, to understand more about the infrastructure

HYAS Insight

A threat and fraud investigation and attribution solution that not only improves visibility, efficacy, and efficiency for analysts, researchers, and investigators but also vastly increases the accuracy of findings, generally providing unique insights and intelligence that cannot be discovered anywhere else.



“I have a ton of tools. But none of them do what HYAS does. You are the glue that connects all other intel tools.”


– vCISO for a US-based MSSP and long-time client

behind the attack and utilize this unique intelligence for follow-up and next-steps from law enforcement. All together, HYAS identifies the internet footprint of cyber criminals’ infrastructure better, faster, and with more accuracy than anyone else, which is part of the reason why government, law enforcement, and Fortune 100 enterprises across four different continents utilize it on a daily basis.

HYAS solutions, built on the HYAS Adversary Infrastructure Platform, are delivered as cloud-native and API-forward SaaS solutions that are fast to deploy and provision, easy to use, work standalone, and work better-together with other related solutions, allowing organizations to utilize HYAS’ unique and bespoke data as part of a broader intelligence mission.

HYAS Protect

Domain-based intelligence and attribution for organizational cyber resiliency, proactively protecting organizations, their employees, and their devices from ransomware, malware, phishing, supply-chain and other cyber attacks that may evade detection or otherwise slip past existing EDRs and other prevention-based solutions.



Government and Law Enforcement Use Cases and Examples

Investigate and Protect More Effectively with High Fidelity Intel

Finding the signal in telemetry noise is key to analyst effectiveness. HYAS Insight helps analysts zero in on the key infrastructure intelligence that quickly and efficiently leads to answers and mission success. Whether you are investigating a phishing service being used to attack citizens, chasing down human trafficking, child exploitation, or other criminal activity conducted via the Internet, addressing nation-state sponsored disinformation, analyzing and stopping malware active in your region, or taking down infrastructure being used to command and control these events, HYAS Insight delivers the answers you need. When incidents happen, you need answers quickly, and HYAS enables mission success.

Cyber Resiliency and Proactive Security

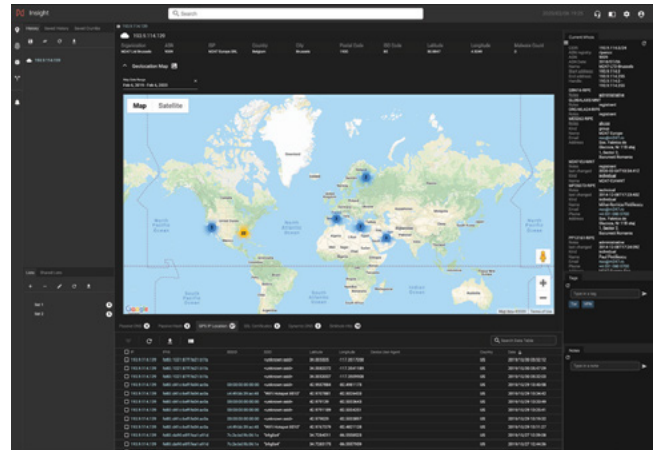
It's nearly impossible to stop all attacks at an organization's boundary, and the utilization of hybrid work models, a plethora of SaaS tools, and various Internet-connected smart devices has only exacerbated the problem and expanded the attack surface. Nevertheless, their attack does not need to become a major incident if you employ resiliency-based approaches capable of seeing the telltale signs of a breach and stopping it before it causes real damage.

This is Protective DNS. As part of a modern zero-trust implementation, HYAS Protect monitors all outbound connections at a DNS level, understands what's allowed, risky, and rejected based on not just HYAS intelligence but customizable policies and rules you control. Resiliency is critical, and in fact mandated by the US Government and other nations going forward; HYAS Protect has had its correctness and efficacy independently tested by AV-TEST, who conclusively demonstrated its power and proved it performs significantly better at providing resiliency and protection than any other PDNS solution they had tested. As such, HYAS provides the "ultimate line of defense", stopping the adversaries from communicating, stopping their attack in its tracks.



Key Features

- Modern UI for human-driven access, documented API for machine-driven access, and pre-built integrations into visualization solutions, common tools and workflow utilities
- Ability to understand threat actor activity with proprietary WHOIS database including dynamic DNS domains
- Flexible hunting by email, domain, IP, telephone, registrant ID, BSSID, nameserver, and other data points
- Ultra-granular IP geolocation data, down to seven GPS decimal points, combined with spatial intelligence to precisely understand the location of infrastructure.
- Precise analysis via hundreds of millions of malware hashes and their corresponding network traffic
- Rich data including exclusive sources to rapidly solve missions:
 - Excellent historical domain WHOIS and passive DNS data
 - Global WiFi SSID mapping including associated network activity
 - Integrated HLR data on mobile and land-based telephones
 - Active and passive sinkhole data with real time updates



Getting Started

Contact us to schedule a demo and start a Proof of Concept project. Proof of Concepts and trials can be initiated quickly and easily, in a matter of minutes, with no change to your environment.

Visit [HYAS.com](https://hyas.com) to learn more about integrating HYAS Protect with Microsoft Sentinel or contact us at support@hyas.com for a personalized demonstration.

NAICS Codes:

541511, 541512, 541519, 541330

HYAS Products

HYAS security solutions provide the visibility and observability needed to stay in control of your environment. HYAS solutions are easy to deploy, easy to manage, and integrate seamlessly into any security stack.

PROTECTIVE DNS

HYAS Protect

Protective DNS

Our protective DNS solution combines authoritative knowledge of attacker infrastructure and domain-based intelligence to proactively block malicious communication used by cybercriminals to conduct phishing, ransomware, and other forms of cyberattacks.

Explore HYAS Protect [→](#)



THREAT INTELLIGENCE & INVESTIGATION

HYAS Insight

Threat Intelligence & Investigation

HYAS Insights allows you to rapidly discover and investigate any IOC and related indicators. Identify and map out the complete cybercriminal campaign architecture and take a proactive stance against future attacks.

Explore HYAS Insight [→](#)



Contact Us For a Demo
hyas.com/contact



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.