HYAS

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SOLUTION BRIEF

THREAT INTELLIGENCE, ATTRIBUTION AND CYBER EARLY WARNING FOR GOVERNMENT

Federal agencies struggle to combat transnational cyber adversaries. The challenge of identifying, tracking, and countering cybercriminals who mask their identities, locations, and activities poses an increasing challenge. According to the GAO, in 2017 alone federal agencies reported 35,277 cyber incidents, the bulk of which involved external actors, and it's increasing every year. We know your enemy.

HYAS™ provides early warning, tracking, and attribution solutions to get proactive against government, military, and civilian adversaries, HYAS identifies malicious attackers, their internet footprint and infrastructure, and physical location, enabling key conclusions (aka attribution) faster than anyone else -- used by United States and international law enforcement, and Fortune 100 enterprises, customers say it accelerates their investigation threefold, sometimes as much as tenfold, and produces more accurate results. Once identified, HYAS allows organizations to get proactive against known adversaries, but additionally, HYAS can even prevent attacks from attackers that you aren't prepared for. HYAS solutions are delivered through simple-to-use, easy to provision cloud-native products.

HYAS Insight - a threat investigation and attribution solution that improves visibility and triples productivity for analysts, researchers, and investigators while vastly increasing accuracy of findings.

HYAS Intelligence Services - an extension of your team to understand the external cybersecurity threat environment, providing actionable intelligence and insights about adversaries.

HYAS Protect - domain-based intelligence and attribution to proactively and preemptively protect enterprises and their devices from cyberattacks, malware, and other infections.

> TI products and services provide knowledge and information about security threats and other security-related issues (see "How Gartner Defines Threat Intelligence"). Intelligence-led initiatives provide information about the identities, motivations, characteristics and methods of threat actors and then, importantly, give you options to operationalize this in your cybersecurity programs.
>
> - Gartner, "Market Guide for Security Threat Intelligence Products and Services ", 20 May 2020

3.3B+
Data Points Processed Every Day

250M+
DNS Queries Analyzed Daily

GEO IP
"To The Doorstep Accuracy"

3X
Investigation Speed Increase

GOVERNMENT USE CASES THAT HYAS ADDRESSES

Threat Intelligence with High Fidelity Signal

Finding the signal in telemetry noise is key to analyst effectiveness. HYAS Insight and optional intelligence services help analysts zero in on the adversary signal so you can proactively counter cyberthreats - faster and more efficiently than with other techniques.

Proactive Security

Virtually all malicious attacks utilize domain names and DNS, either for payload delivery, command-and-control, or data exfiltration. Even a phishing attack ultimately tries to get its target to communicate with a malicious domain. HYAS identifies malicious and risky infrastructure before adversaries utilize it in an attack, blocking malware, phishing attacks, and other infections, and preemptively mitigating future attacks.

Forensics and Incident Investigation

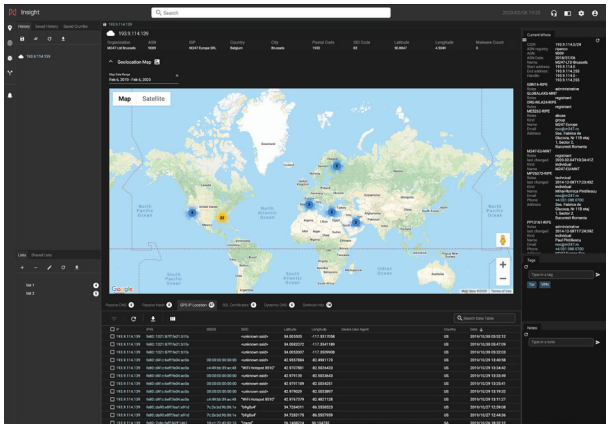
When attacks happen, you need answers quickly. Adversaries don't rest, and their tradecraft doesn't make it easy to discover who they are, where they are ("to the doorstep"), and what their attack infrastructure looks like. HYAS enables visibility into your adversary, accelerating investigations with increased accuracy and fidelity, and allows you to stay ahead of evolving attacker infrastructure.

Cyber Fraud Investigation

Government entities lose trade or state secrets to attackers. HYAS helps the Federal government and some of the world's largest companies counter adversaries and move from a passive, defensive approach to a proactive, offensive one - focusing on the enemy, finding them, and thwarting them.

KEY FEATURES

- Modern UI for human-driven access, documented API for machine-driven access, and pre-built integrations into common tools and workflow utilities
- Ability to understand threat actor activity with proprietary WHOIS database including dynamic DNS domains
- Ultra-granular IP geolocation data, down to seven GPS decimal points, to precisely understand adversary location
- Flexible adversary hunting by email, domain, IP, telephone, registrant ID, BSSID, nameserver, and other data points
- Precise analysis via hundreds of millions of malware hashes and their corresponding network traffic
- Rich data including exclusive sources to rapidly reach conclusions:
  - 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.

NAICS Codes:
541511, 541512, 541519, 541330

ABOUT HYAS™

Founded by a team of world-renowned security researchers, analysts and entrepreneurs, HYAS enables enterprises to detect and mitigate cyber risks before attacks happen and identify the adversaries behind them. HYAS Insight is a threat intelligence and attribution platform that improves visibility and productivity for analysts, researchers and investigators while vastly increasing the accuracy of their findings. HYAS Protect uses domain-based intelligence and attribution at the DNS layer to proactively and preemptively protect enterprises from cyberattacks, independent of protocol or attack vector. Utilized by both Fortune 100 enterprises and international and domestic law enforcement, HYAS fundamentally advances how companies and organizations counter, hunt, find, and identify adversaries via attribution, and, in doing so, evolve from a reactive to a proactive security posture.

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