HYAS

HYAS Protect

Overview

HYAS Protect is a cutting-edge protective DNS solution that leverages extensive authoritative domain intelligence and unparalleled insight into attackerainfrastructure. HYAS Protect blocks known-bad domains and detects and blocks 'unknown' malicious domains faster and more effectively than any other solution in the industry.

HYAS Protect is designed to meet the cybersecurity needs of organizations of all sizes. From those with minimal IT staff to the most complex enterprises, HYAS Protect offers an intuitive, easy-to-deploy, and scalable solution. It seamlessly integrates with existing infrastructure, providing deep, insightful, and comprehensive protection for both small and large organizations.

Highlights & Benefits

- Real-time protection with the HYAS Protect Decision Engine

- Unrivaled intelligence from the HYAS Adversary Infrastructure Platform

- Enforce appropriate use policies with flexible content filtering

- Flexible deployment options adapt to your environment

- Get visibility on blocked and suspicious traffic

- Robust API for custom automation

Protective DNS Use Cases

- **Malware, Ransomware & Phishing Protection**
  HYAS Protect blocks access to malicious domains with the highest level of efficacy in the industry, preventing malware infections, ransomware and phishing attacks. By filtering out harmful websites, HYAS Protect safeguards users from inadvertently downloading malware or falling victim to phishing scams.

- **Data Exfiltration Prevention**
  With its advanced monitoring capabilities, HYAS Protect detects and blocks suspicious DNS queries that indicate data exfiltration attempts. This is crucial for identifying and stopping command-and-control (C2) communications used by attackers to transfer stolen data out of the network.

- **Customizable Filtering Policies**
  HYAS Protect adapts to your security needs by allowing customizable filtering policies that block both malicious content and websites that violate company standards. It continuously integrates with real-time threat intelligence feeds to ensure up-to-date protection against emerging threats while also enforcing compliance with regulatory requirements and internal policies. This ensures that company devices and networks remain secure, productive, and compliant.

- **Unmatched Visibility for Effective Risk Management**
  HYAS Protect provides comprehensive visibility into the risks facing your organization by analyzing patterns of employee behavior and identifying potential security threats. This insight enables you to understand how users interact with online resources, highlighting risky behaviors and areas of vulnerability. By leveraging this information, you can take informed actions to enhance your security posture and build organizational resilience against cyber threats.

- **Enhanced Investigation Capabilities**
  HYAS Protect enables thorough investigations by allowing analysts to delve into blocked or suspicious traffic, providing detailed insights into the nature of potential threats, including their origins and methods. By empowering analysts to conduct these investigations, organizations can proactively address security concerns and strengthen their overall cybersecurity posture.

HYAS Protect Key Features

- HYAS's real-time decision engine evaluates each outbound DNS request on your network or endpoint to determine whether it should be permitted. Utilizing over 50 meticulously refined rules and processes, our engine instantly responds to user requests, enabling access to safe sites while blocking malicious or inappropriate ones.

- The HYAS Decision Engine is powered by infrastructure intelligence sourced from the HYAS Adversary Infrastructure Platform. This platform processes billions of data points daily, utilizing unique and proprietary, restricted, commercial, and open-source intelligence sources. It profiles the latest malware infrastructure, suspicious domain registrations, and various other risk indicators to ensure robust protection.

- Set appropriate use policies by configuring specific internet categories that employees are prohibited from accessing. You can also establish allow and blocklists and create custom rules for additional protection. Integrate your Microsoft Entra ID (Azure AD) groups with custom policies for streamlined, enterprise-wide enforcement.

- Dashboards, custom filters, and alerts provide visibility into blocked, malicious, and suspicious traffic, helping you stay proactive and enhance your organization's resilience.

- HYAS Protect APIs give you the power to build automation that supports your operational goals, whatever they are.

Deployment and Scalability

HYAS Protect can be deployed in just minutes by reconfiguring your organization's DNS service, eliminating the need for agents or sensors. HYAS also supports various deployment options to accommodate diverse endpoint and network configurations and integrates seamlessly with existing network security solutions. Moreover, you can combine deployment options to suit the needs of almost any organization.

HYAS focuses on deployment methodologies that make Protect scalable for any size organization. In well under an hour, Protect can be deployed and begin safeguarding anywhere from 1 to over 25,000+ endpoints.

2-Minute Installation

Connect HYAS Protect with Microsoft Defender for Endpoint (MDE) in 5 Easy Steps

1 **Log In:** Access your 'Security Center' and click on 'Settings.'

2 **Navigate** to 'Microsoft 365 Defender' and select 'Streaming API.'

3 **One-Click Setup:** Click 'Add' and enable 'Forward events Event Hub' and enter your Event Hub details, as well as those provided by HYAS.

4 **Select 'Devices' and choose the event types** you want to forward (i.e., 'Device Network Events' and 'Device Events').

5 **Click 'Submit' and you're done!** Defender for Endpoint will start sending events to your Azure Event Hub.

Watch the Video

HYAS Protect Deployment Options

- **DNS Resolver**
  HYAS has DNS resolvers placed all over the world, ensuring there's always one close to you. Our resolvers are fast and secure ensuring you have the best and safest experience at all times. Configure in minutes across your entire infrastructure using the self-service feature in the HYAS Protect UI.

- **EDR/Endpoint Protection Integration**
  HYAS Protect integrates seamlessly with Endpoint Detection and Response (EDR) and endpoint protection solutions to enhance security posture. By leveraging HYAS Protect's advanced threat intelligence and real-time monitoring capabilities, organizations can bolster their existing EDR and endpoint protection strategies, ensuring a comprehensive defense against sophisticated cyber threats.

- **HYAS Agent**
  The HYAS Protect Agent is crafted to deliver HYAS Protect's exceptionally high level of security to all your mobile devices. It is tailored for macOS, iOS, Windows, and Android, protecting about 99% of mobile and 87% of desktop/laptop devices. With HYAS Protect's centralized agent management, administrators can easily monitor status, enable or disable agents, conduct in-place updates, restart devices, and run diagnostics.

- **HYAS Relay**
  The HYAS Protect Relay bridges the gap between agent-based and resolver-based deployments. It installs in front of your DNS infrastructure, either physically or logically, to receive metadata associated with your DNS queries, including IP address and device name. It then forwards local traffic to your local DNS resolvers and external requests to HYAS Protect.

HYAS Protect Case Studies

SentinelOne

HYAS Protect helped SentinelOne, a leading cybersecurity company, enhance its security posture by identifying potential gaps in its defensive layers and improving security hygiene. By integrating HYAS Protect with its existing security infrastructure, SentinelOne improved its security operations, reduced risk by identifying security blind spots, and enhanced its security detection and prevention capabilities. The deployment of HYAS Protect was smooth and required minimal resourcing, fitting well into SentinelOne's automated security operations.

Quarles & Brady

Quarles & Brady, a legal services provider, faced the challenge of securing 1,700 endpoints used by employees spread across the country. They needed reliable security, especially for devices outside their VPN, without adding to the security team's workload. They integrated HYAS Protect with Microsoft Defender for Endpoint to deploy a comprehensive DNS protection solution quickly and without the need for additional endpoint agents. This integration allowed them to manage their security effectively with minimal day-to-day management, ensuring comprehensive protection without sacrificing valuable work hours.

Portland Leather Goods

Portland Leather Goods, a rapidly growing lifestyle brand, chose HYAS Protect for its proactive cybersecurity and visibility features. The solution was easy to deploy and integrated seamlessly into their security stack. HYAS Protect's traffic monitoring led to security and productivity-boosting policy changes. The company now benefits from enhanced protection against malware and increased overall productivity, validating their decision to partner with HYAS.

Client Support

HYAS is proud to offer a dedicated support team committed to ensuring our customers' success. Our team is available to provide personalized assistance and guidance, whether you're just getting started with our products or need help optimizing your security infrastructure. With a focus on responsiveness and expertise, our support team is here to help you maximize the value of HYAS solutions and stay ahead of cyber threats. All of our documentation can be found on docs.hyas.com.

HYAS

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.