

Enterprise Threat Protector

As enterprises adopt Direct Internet Access (DIA), SaaS applications, cloud services, mobility and remote working, and the Internet of Things (IoT), their attack surface increases dramatically and they are faced with a host of new security challenges. Protecting the organization and users against advanced targeted threats such as malware, ransomware, phishing, and data exfiltration becomes exponentially more difficult. Security control-point complications and complexities, and security gaps in legacy on-premises solutions, need to be managed with limited resources.

Enterprise Threat Protector is a cloud-based secure web gateway (SWG) that is designed to help security teams ensure that users and devices can securely connect to the internet wherever they happen to be, without the intricacy and management overheads associated with other legacy security solutions. Enterprise Threat Protector is powered by real-time threat intelligence based on Akamai's unrivaled global insights into internet and domain name system (DNS) traffic and multiple malware-detection engines.

Enterprise Threat Protector

Built on the global Akamai Intelligent Edge Platform and Akamai's carrier-grade recursive DNS service, Enterprise Threat Protector is a quick-to-configure and easy-to-deploy cloud secure web gateway that requires no hardware to be installed and maintained. Enterprise Threat Protector has multiple layers of protection that leverage real-time Akamai Cloud Security Intelligence and multiple static and dynamic malware-detection engines to proactively identify and block targeted threats such as malware, ransomware, phishing, and DNS-based data exfiltration. Akamai's portal enables security teams to centrally create, deploy, and enforce both unified security policies and acceptable use policies (AUPs) in minutes for all employees, wherever they are connected to the internet.

How it works

Enterprise Threat Protector has multiple layers of protection — DNS, URL, and payload analysis — delivering security and reducing complexity, without impacting performance. All of this protection can be delivered by simply directing web traffic to Enterprise Threat Protector using a lightweight client or by forwarding web traffic from another web proxy by using proxy chaining.

BENEFITS FOR YOUR BUSINESS

Move web security to the cloud

with a cloud-based secure web gateway that can be configured and deployed globally in minutes (with no disruption for users) and rapidly scaled

Improve security defenses by

proactively blocking requests to malware and ransomware drop sites, phishing sites, malware command and control (C2) servers, and DNS data exfiltration based on unique and up-to-date threat intelligence

Block malicious payloads for improved zero-day protection

by scanning requested files and web content to stop threats before they reach and compromise endpoint devices

Control the use of shadow IT and unsanctioned applications

by identifying and blocking applications based on risk score and limiting application features

Prevent data loss by identifying and blocking the uploading of sensitive or confidential data such as PII, PCI, or HIPAA



DNS Inspection

DNS Inspection: Every requested domain is checked against Akamai's real-time threat intelligence, and requests to identified malicious domains are automatically blocked. Using DNS as an initial security layer proactively blocks threats early in the kill chain and before any web connection is made. In addition, DNS is designed to be effective across all ports and protocols, thus protecting against malware that does not use standard web ports and protocols. Domains can also be checked to determine the type of content a user is attempting to access, and blocked if the content breaches the enterprise's AUP. URL Inspection: Requested HTTP and HTTPS URLs are checked against Akamai's real-time threat intelligence, and malicious URLs are automatically blocked.

URL Inspection

Monitor and mitigate bot attacks with integrated bot capabilities designed to detect and stop unwanted bots. Gain real-time visibility into your bot traffic with access to Akamai's expansive directory of more than 1,500 known bots. Investigate skewed web analytics, prevent origin overload, and create your own bot definitions to permit access to third-party and partner bots without obstruction. As your needs grow, you can easily upgrade to a full-featured bot management or account takeover solution with just a few steps.

Payload Analysis

The HTTP/S payloads are scanned inline or offline using multiple advanced malware-detection engines. These engines use a variety of techniques — including signature, signatureless, machine learning, and sandboxing — that deliver comprehensive zero-day protection against potentially malicious files, such as executables and document files. In addition, Akamai's zero-day phishing detection engine categorizes and blocks newly created phishing pages at the point of request and even if the page has never been seen before.

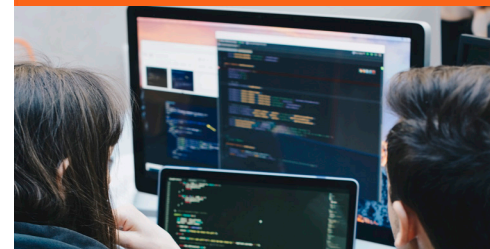
BENEFITS FOR YOUR BUSINESS

Minimize security management time and complexity by reducing false-positive security alerts, decreasing alerts from other security products, and administering security policies and updates from anywhere in seconds to protect all locations

Reduce risk and improve security for off-network devices without using a VPN with the lightweight Enterprise Threat Protector client, which enforces both your security policies and AUPs

Enforce compliance and your AUPs quickly and uniformly by blocking access to objectionable or inappropriate domains and content categories

Increase resilience and reliability with the Akamai Intelligent Edge Platform



Akamai Select Partnership

Akamai's portfolio of advanced security and video delivery solutions is backed by Evolane's unparalleled customer service, analytics and 24/7 monitoring. Founder Kristof Haeck worked together with Akamai throughout his career and got to know the platform in all its facets. As someone who only chooses who and what he believes in, it didn't take long for Kristof to become an Akamai Select Partner to continue the successes.

This title is reserved for partners who continue to invest to provide the right product knowledge and product configuration! With more than 15 years of experience with Akamai's solutions, our engineers are now as certified as can be and we got to do some great projects for amazing companies. This is how Evolane combines the benefits of a trusted local partner with the ingenious technology of an international company.

 | Select Partner

 **Let's talk!**

To learn more, [click here](#) and visit our Akamai partnerpage on the Evolane website.



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