webshrinker

NEVER FALL BEHIND

Meet Webshrinker by DNSFilter
Real-time Threat and Domain Data,
Powered by A.I.

It's well-known in the security world that outdated = insecure.

Many vendors release periodic updates which helps keep users secure. However, often this is not good enough. More threats emerge daily than humans can classify. This is where our Artificial Intelligence can fill the void.

DNSFilter's AI scanner, Webshrinker, classifies domains according to content and security in realtime. This operation is performed behind the scenes, when clients visit a new website.

Real-time Interstitial Filter

When users on our platform access a domain which has never been seen, the scanner performs a real-time classification. The domain is fetched, categorized, and then matched against the policy set by the organization to determine if the user is allowed access. It's like browsing the internet with a policeman, who looks down every dark alley ahead of you.

Feed Augmentation

The engine incorporates peering sources from multiple security feeds, ensuring Botnet, Cryptomining, and Malware threats are mitigated. Partnerships with organizations such as New Scotland Yard and the Internet Watch Foundation ensure that we cast a wide net for Terrorism & Abuse websites.

Image Analysis

The scanner defeats phishing websites by examining the logo content of a site and comparing it to authorized domains for that brand. It is able to detect login panels for Microsoft, Google, Dropbox etc being used on illegitimate websites. The domain is then flagged as a security risk and our server fleet is updated within one second.

Continuous Crawl

The scanner performs an open crawl of internet domains, including newly-registered domains. These domains are instantly classified, ensuring that customer policies are matched with the latest information.

New Domain Greylisting

Domains registered in the last 30 days can be blocked, in order to gain proving time. Research shows that many Phishing attacks are launched and ended within this window.

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