

Product And Features Description

This paper describes the different StopTheHacker products and its included features.

Product: StopTheHacker Website Security

Product Version: 3.2

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We provide a cloud based website protection suite (AV for Websites) to help prevent, detect and recover from malware (and viruses) attacks.

StopTheHacker's technology, supported by the US National Science Foundation, has won multiple awards since 2009. StopTheHacker serves customers all over the globe, protecting their online presence from emerging threats.

Our state of the art Website Security product comes in four commercial editions for businesses of all sizes. The four editions come with a different feature set tailored to each specific target group. The exact feature set of the latest product version and editions can always be found on our website stopthehacker.com/packages.

Below is an overview of the most important features:

Standard Malware Detection

Protects your website from malware & hackers

Each scan checks all pages of your website for known viruses and web malware threats to see if hackers have injected malicious code into your website. The standard malware detection uses a signature-based approach to catch known malware and viruses.

Our notification system immediately informs you about any our scans find, so you can take all actions needed.

Advanced Malware Detection with Artificial Intelligence

Using Artificial Intelligence we find security threats before everyone else does

Adding to the standard Malware Detection, our artificial intelligence based engine with advanced self-adapting capabilities constantly monitors for new strains of malware and protects your online business from these emerging threats. This advanced feature protects the website from never-before-identified malware.



The advanced malware detection with AI engine is able to detect malware within the following website elements:

- HTML
- Java Script
- php
- iframes
- http links
- Redirections
- Ads
- Flash
- Documents (e.g. pdf)
- .exe files

Automatic Malware Cleanup

We know that not everybody is a security expert. If your website has malware on it, our automated system can remove it for you. Different levels of automations are possible. Decide weather you:

- only want to detect malware and fix malware infected files on my own
- check and detect malware, but let me choose whether to apply fixes.
- apply fixes automatically

The automatic Malware cleanup comes with a time machine feature, creating a backup of the original file, before cleaning it. This allows you to roll back any changes to the original state.

Blacklist and Reputation Monitoring

Blacklist Monitoring is a comprehensive daily check on the status of your website on Google's Safe Browsing List and other search engines including Yahoo, and Bing; malware blacklists like Malware Patrol and Malware URL; DNS Blacklists; phishing blacklists like PhishTank; spam blacklists like SpamCop; and many more. We automatically notify you if your website ends up on a blacklist and help you to remove your site from the search engine blacklist.

Vulnerability Assessment

Vulnerability scans identify vulnerabilities in your configuration so you can patch them to prevent web-based attacks by bots and hackers.. We check over 35,000 vulnerabilities on your server(s), website and infrastructure. We check for web application vulnerabilities in most popular software like WordPress, Drupal, Django, Joomla, Ruby on Rails, OpenCMS and can uncover vulnerabilities in custom installations too.

New - Speed Monitoring

The new Speed Monitoring gives you a real-time information on the page speed and response time of your website using detailed graphs. In case the site goes down we will send an email.

New - Up-time Monitoring

Up-time Monitoring gives you a perfect overview of the availability of your website incl. details on down time within the last weeks. The information is displayed on detailed graph and is available by clicking on your domain name in the dashboard. In case the site goes down we will send an email, enabling you to take the appropriate actions.

StopTheHacker Trust Seal

Trust seals are known to increase the visitor's confidence (research suggests an 11% increase in sales). The security trustmark indicate level of protection the website is receiving.

Using the StopTheHacker Trust Seal on a website and online store show visitors and customers that a website owner cares about safety while visiting your website. When your customers see that your site is scanned and protected by StopTheHackers advanced security product, they'll feel more confident visiting and interacting with your site.

Cloud based – No software to install

With StopTheHacker, there's no software to manage and it's easy to set up. Our products are non-intrusive: they are offered on Software as a Service (SaaS) basis, they are run outside the firewall, and there is absolutely no software to install.

Fully automated scans with email alerts

We automatically scan your website for malware and viruses. Depending on the edition chosen the scan frequency varie from weekly to continuously. The scan runs completely automated without your involvement. If we identify malware on your website, we immediately send a detailed via email. At any time you can log in to your account and see all current and past reports.

If your site is clean, we send you a weekly email informing you that your website is safe.

Scan Frequency: Weekly, Daily, Hourly or Continuous

Based on the edition you choose, we scan your website weekly, daily, hourly or even continuous for thousands of threats.

Facebook Protection

We don't stop at only protecting your website against hacker attacks, we also offer the possibility to check and protect your Facebook page against spam and scams.

StopTheHacker Facebook Protection scans and monitors all content posted on your wall and news feed. It uses the latest technologies to identify whether a piece of content is malicious or related to phishing. Continuous monitoring and the latest web-based malware detection technologies allow StopTheHacker Facebook Protection to protect your online persona on Facebook.

All pages get checked, every time

Have subdomains? Your website has hundred of pages? No problem. We scan all your pages. Every time!