Test results of the “EnigmaSoft SpyHunter 5” anti-malware solution under Windows 10 Test performed by AV-TEST GmbH

(Date of test report: February 29, 2024)

1. EXECUTIVE SUMMARY

EnigmaSoft Limited commissioned AV-TEST to perform a review of its SpyHunter 5 product in the test categories of Protection, Performance and Usability. Special attention is placed on these categories in the AV-TEST certification tests in order to examine how well a security solution protects against malware threats.

The test was conducted on version number 5.16.6.327 of SpyHunter 5 on a Windows 10 Professional operating system (English, 64-bit) in January 2024.

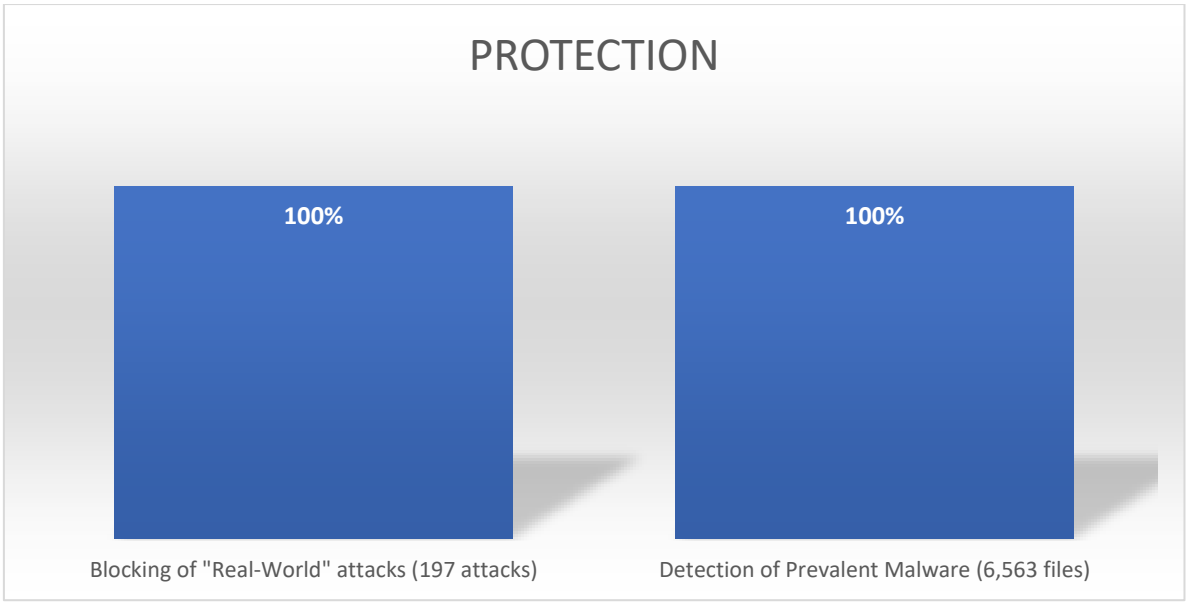
SpyHunter 5 had an impact on the system in the test category of Performance, especially with regard to the “slower copying of files” and “slower installation of frequently used programs” segments. It also incorrectly flagged four programs in the dynamic false positive set, 16 in the less critical false positive set and one in the game false positive set in the Usability category. The product offered a very high level of protection against prevalent malware and in the critical real-world tests carried out in the category of Protection.

On the whole, SpyHunter 5 met the criteria of the standard AV-TEST certification.

2. TEST RESULTS

2.1 Protection

This category tests whether the product is able to defend a system against current and widespread malware attacks. The protection test is divided into the so-called real-world test (malicious URLs and e-mails) and the detection of prevalent malware. All tests are carried out in the AV-TEST lab with an active internet connection and up-to-date products.



Grafiktext ändern: Blocking of ‘real-world’ attacks (197 attacks) Detection of prevalent malware (6,563 files)

Real-world test

In this test, the product has to defend the computer against malicious URLs that are visited with a browser or against e-mails with malicious attachments that are retrieved with a regular e-mail client. 197 malicious URLs are used in this assessment.

The real-world test evaluated the product's detection and protection performance. SpyHunter 5 detected 100% of the malware samples.

Prevalent malware detection

This test uses malicious PE files that are no more than two weeks old. It only includes files that have been reported as widespread and prevalent. In total, 6,563 malicious files were used in this assessment.

During the test, the files are scanned to determine the static detection rate. The lab experts then collect all undetected files and execute them file by file to test for dynamic detection. In the last stage of the test, the lab repeats the scan to ensure that no file was missed initially.

SpyHunter 5 detected a total of 6,563 files, which corresponded to a detection rate of 100%.

2.2 Performance

To investigate the influence of a security solution on the speed (performance) of the system, typical operations involved in day-to-day computer work are performed, measured and analyzed.

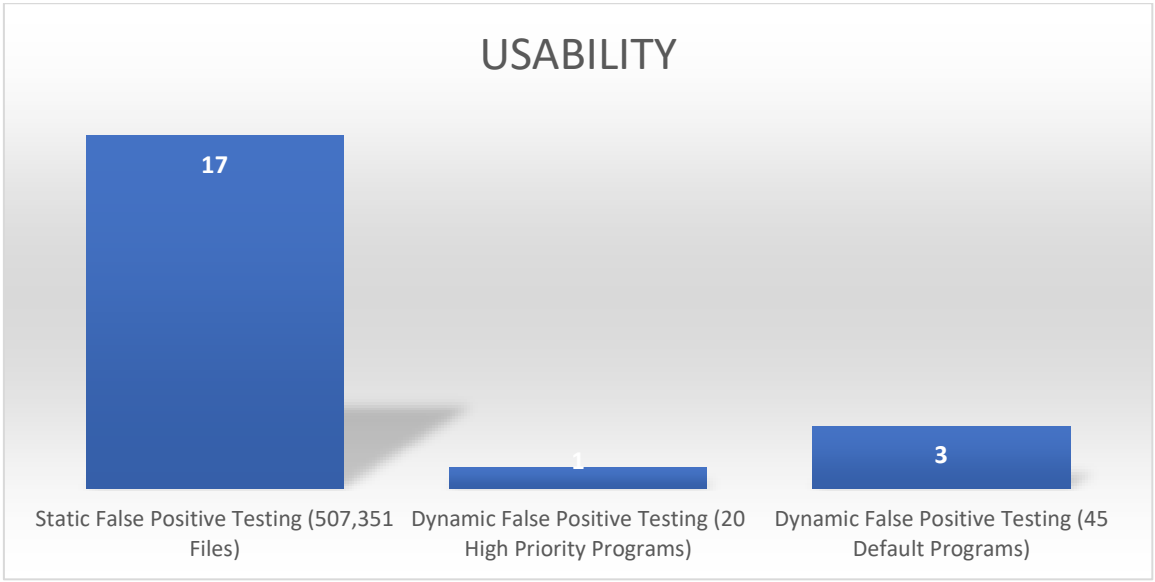
In the test, the focus is placed on the following impact:

- Slowing down the loading of popular websites
- Slower downloading of frequently used programs
- Slower launching of standard software programs
- Slower installation of frequently used programs
- Slower copying of files (locally and in a network)

SpyHunter 5 had a noticeable impact on the system when it comes to the "slower installation of frequently used programs" and "slower copying of files" segments. The product slowed down the system with an impact of 14.39%, which corresponds to the industry average.

2.3 Usability

The test in the category of Usability examines whether the product influences the system's usability by triggering false positives and raising false alarms. The test is divided into two parts: a static false positive test with different test sets and a dynamic false positive test.



Grafiktexte wie folgt ändern:
Static false positive testing (507,351 files) Dynamic false positive testing (20 high-priority programs)
Dynamic false positive testing (45 default programs)

Static false positive test

In this part of the test, the security solution scans different sets of confirmed clean files and the lab experts examine whether, in doing so, the solution causes false positives.
Three different file sets are used in the test run:

1. Clean files from Windows and Office installations (390,346 files)
2. Clean files from third-party software (78,604 files)
3. Clean files from game download platforms (38,401 files)

Absolutely no false positive should occur for the first set because this could harm the overall stability of the system. Although unpleasant, false positives in the other two sets are not deemed to be a critical problem.

During the test, SpyHunter 5 triggered no false positives when checking the files in the critical set. In the two less critical sets, it incorrectly flagged one file in the set with files collected from game download platforms and 16 files in the set including third-party software.

Dynamic false positive test

In this part of the test in the Usability category, normal user interaction is simulated by downloading clean software, installing, launching and using it. During these actions, the security product is monitored to check whether it triggers any false alarms or even blocks certain legitimate actions.

Two different test sets are used in this assessment:

1. A high-priority set containing widespread software such as Adobe Reader, Google Chrome and Java (20 different programs)
2. A normal default set containing other software (45 different programs)

All in all, SpyHunter 5 blocked one installation in the high-priority set and three installations in the default test set. The blocked cases in the high-priority group are rated more critically than those in the default set.

3. SUMMARY

The tests carried out in the Performance category revealed that SpyHunter 5 had an impact on the system.

In the Usability category, the security solution from EnigmaSoft blocked four items in the dynamic false positive test and incorrectly flagged some files in the less critical static false positive tests, which detracted from its otherwise impressive results in this category.

In the category of Protection, SpyHunter 5 achieved perfect scores in the prevalent malware and real-world tests.

On the whole, SpyHunter 5 met the criteria of the standard AV-TEST certification.

Phone: +49 (0) 391 60754-60, fax: +49 (0) 391 60754-69, website: https://www.av-test.org