

Test results of the “Acronis True Image” anti-malware solution under Windows 10

Test performed by AV-TEST

(Date of test report: February 21, 2025)

1. EXECUTIVE SUMMARY

Acronis commissioned AV-TEST to perform a review of its True Image product in the test categories of Protection and Usability. The Performance test was not part of this test. 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 with the build 41592 of True Image on a Windows 10 Professional operating system (English, 64-bit) in December 2024.

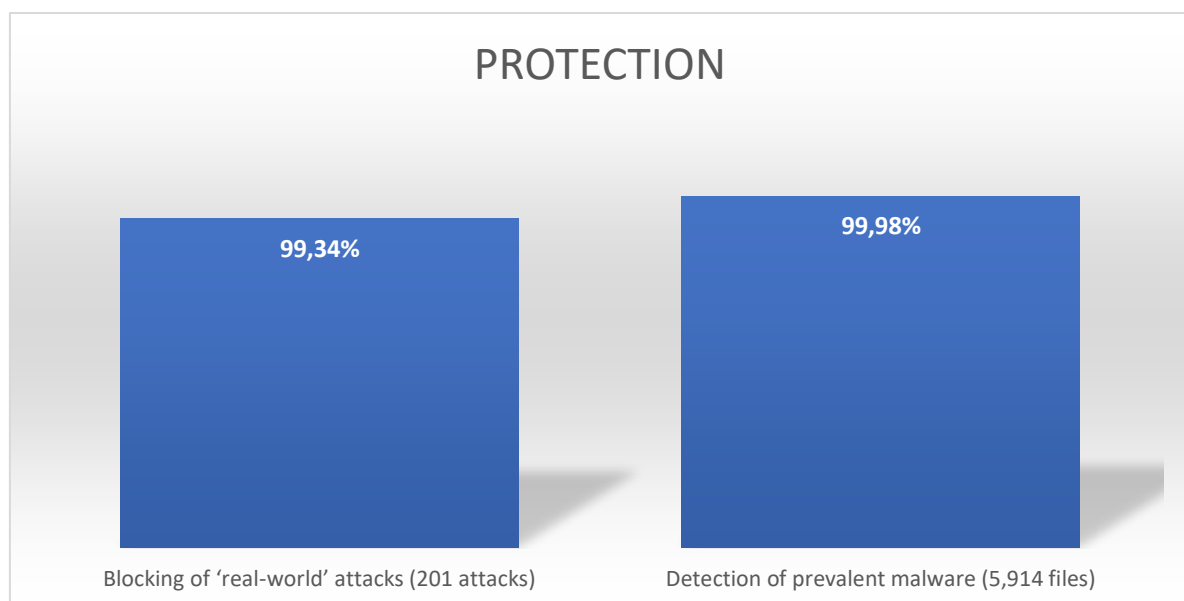
The product offered a very high level of protection against prevalent malware and in the critical real-world tests carried out in the category of Protection. It also incorrectly flagged only one file in the less critical false positive set in the Usability category.

True Image met the criteria of the standard AV-TEST certification in the areas of Protection and Usability.

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.



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. 201 malicious URLs are used in this assessment.

The real-world test evaluated the product's detection and protection performance. True Image detected 99.34% of the malicious test cases.

Prevalent malware detection

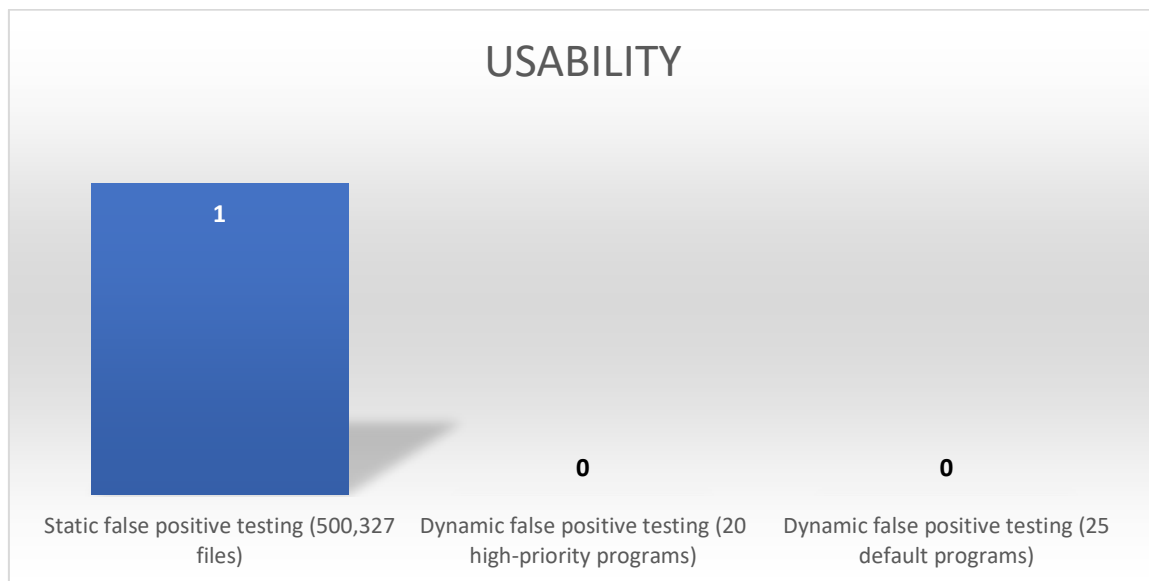
This test uses malicious PE files that are no more than two weeks old. It only includes files that have been reported as widespread and prevalent. In total, 5,914 malicious files were used in this assessment.

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.

True Image detected a total of 5.913 files, which corresponded to a detection rate of 99.98%.

2.2 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.



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 (393,346 files)
2. Clean files from third-party software (78,533 files)
3. Clean files from game download platforms (31,448 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, True Image 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 including third-party software and no false positive in the set with files collected from game download platforms.

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 (25 different programs)

All in all, True Image has no false positives in the dynamic test set.

3. SUMMARY

The tests carried out in both test categories Acronis True Image scored very good.

In the Usability category, the security solution from Acronis flagged only one file in the less critical.

And in the category of Protection, True Image achieved perfect scores in the prevalent malware and very good score in the real-world tests.

True Image met the criteria of the standard AV-TEST certification in the areas of Protection and Usability.