

# AV-Comparatives publishes new anti-virus test results for the first half of 2023

*AV-Comparatives, the leading independent anti-virus testing institute, publishes Real-World and Malware-Protection Test.*

INNSBRUCK, TYROL, AUSTRIA, April 18, 2023 /EINPresswire.com/ -- The [Malware Protection Test](#) evaluated 16 anti-virus security products for their ability to protect against infection by malicious files before, during, or after execution. The test set used for this test consisted of more than 10,000 malware samples, with products tested in March using their latest updates on a fully up-to-date 64-bit Microsoft Windows 10 system. The products were assessed for offline and online detection rates, false alarms, and online protection rates.



The Real-World Protection Test offers the best method currently available for testing IT security systems against simulated users, and thus delivers the most realistic results worldwide.”

*Peter Stelzhammer, co-founder AV-Comparatives*



AV-Comparatives latest Malware Protection and Real-World Protection Test results 2023

McAfee, Norton, TotalAV, Avast, AVG, Avira, Kaspersky, G Data, Bitdefender, and ESET have been awarded top-level rankings based on their protection rates and false alarms.

F-Secure, Total Defense, Microsoft, K7, and Panda also received awards but were downgraded by one level due to false alarms. Trend Micro closed the test field.

[AV-Comparatives](#) recommends that users read other test reports, consider price, ease of use, compatibility, and support, and install a free trial version before purchase.

Detailed results:

<https://www.av-comparatives.org/tests/malware-protection-test-march-2023/>

The [Real-World Protection Test factsheet](#), on the other hand, evaluates anti-virus software using a large number of test cases covering a wide range of current malicious sites. The test cases provide insights into the protection given by the various products while surfing the web. Over the year, several tens of thousands of malicious URLs were evaluated. The results are based on a test set of 260 live test cases.

The interim results in this factsheet show that about half of the tested products were able to provide 100% protection so far, although some of the products reached this with a higher number of false positives. The full report, covering four months of testing, will be released in June.

Detailed results: <https://www.av-comparatives.org/tests/real-world-protection-test-feb-mar-2023-factsheet/>

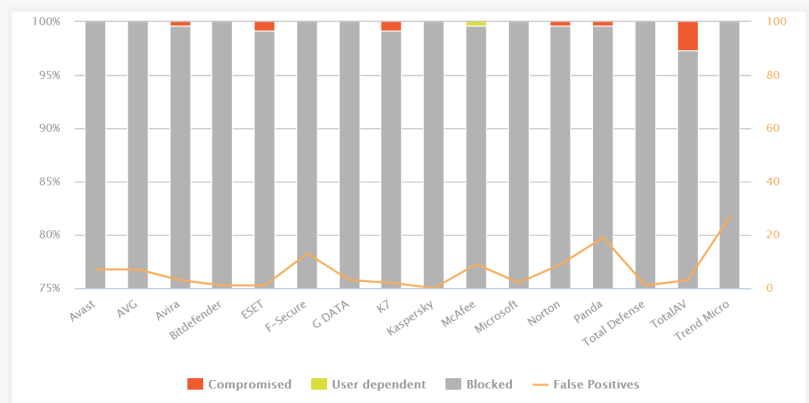
It is important to note that while some products may sometimes reach 100% protection rates in a test, it does not mean that these products always protect against all threats on the web. Users are always advised to keep their system and third-party applications up-to-date/patched to decrease the risk posed by exploits and malware dramatically.

AV-Comparatives emphasises that the Malware Protection Test complements the Real-World Protection Test, which sources malware samples from live URLs, allowing also features such as URL blockers to come into play.

Readers can find more details on the results, methodology, and ranking system in the full

	OFFLINE Detection Rate	ONLINE Detection Rate	ONLINE Protection Rate	False Alarms
Avast	96.9%	99.5%	99.97%	2
AVG	96.9%	99.5%	99.97%	2
Avira	97.0%	99.1%	99.96%	2
Bitdefender	98.1%	98.1%	99.94%	6
ESET	97.4%	97.4%	99.94%	0
F-Secure	96.9%	98.7%	99.96%	14
G DATA	98.8%	98.8%	99.95%	2
K7	96.6%	96.6%	99.87%	67
Kaspersky	90.0%	97.9%	99.96%	2
McAfee	89.6%	99.7%	99.99%	9
Microsoft	83.1%	99.3%	99.98%	32
Norton	91.1%	99.7%	99.99%	3
Panda	72.2%	95.5%	99.97%	102
TotalAV	96.8%	98.8%	99.97%	0
Total Defense	98.1%	98.1%	99.91%	6
Trend Micro	60.9%	91.8%	97.19%	10

AV-Comparatives Malware Protection Test of consumer antivirus products 2023



AV-Comparatives Real-World Protection Test of consumer antivirus products 2023



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reports available on the AV-Comparatives website under:

<https://www.av-comparatives.org/tests/malware-protection-test-march-2023/>

<https://www.av-comparatives.org/tests/real-world-protection-test-feb-mar-2023-factsheet/>

### About AV-Comparatives

AV-Comparatives is an independent organisation offering systematic testing to examine the efficacy of security software products and mobile security solutions. Using one of the largest sample collection systems worldwide, it has created a real-world environment for truly accurate testing. AV-Comparatives offers freely accessible av-test results to individuals, news organisations and scientific institutions. Certification by AV-Comparatives provides a globally recognised official seal of approval for software performance.

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