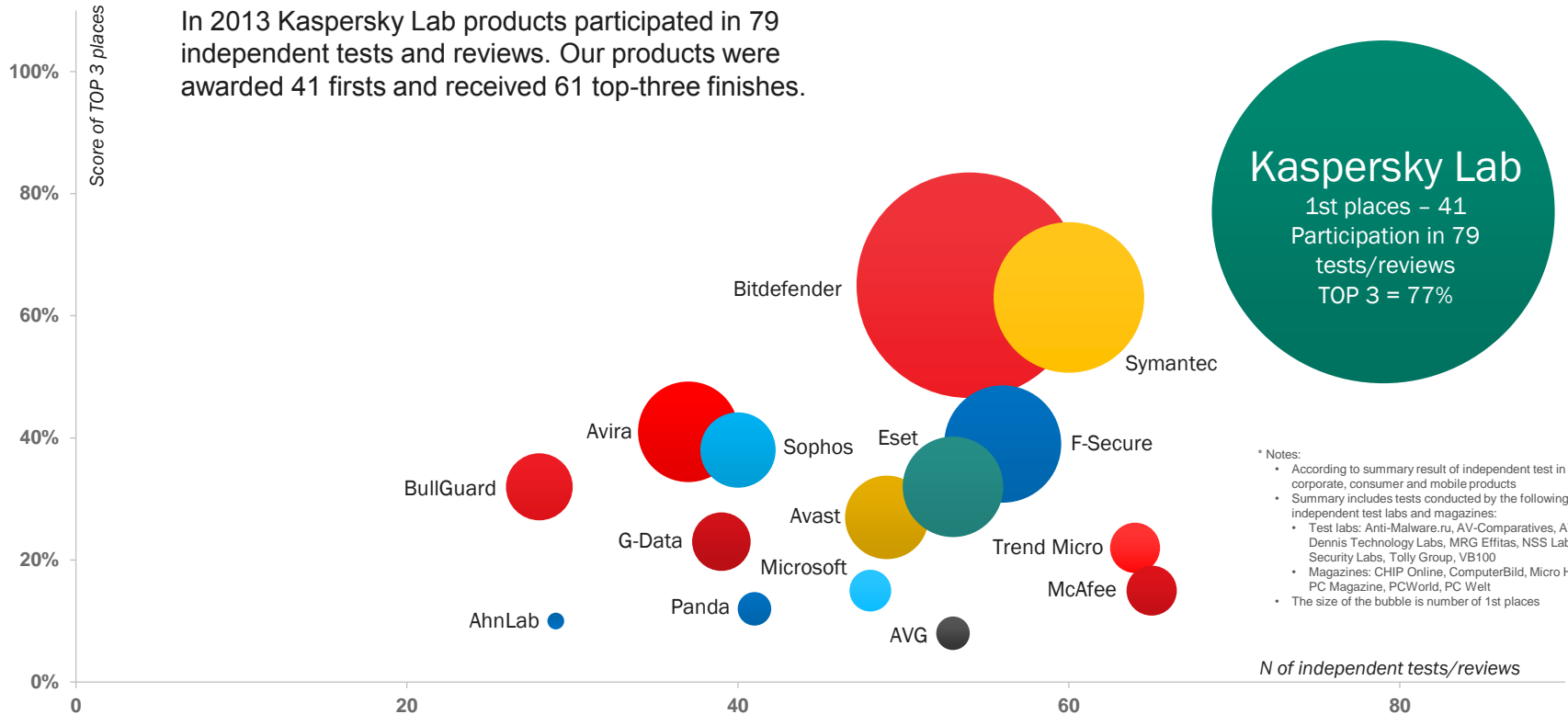


KASPERSKY LAB PROVIDES BEST IN THE INDUSTRY PROTECTION*



2013 TOP3 METRIC DESCRIPTION

The Top 3 metric reflects how often a vendor gained a top-three finish in independent tests during a specified reporting period (usually a calendar year).

The AV vendors that participate in TOP3 measurements, include : Avast, AVG, Avira, BitDefender, BullGuard, ESET, F-Secure, G DATA, Kaspersky Lab, McAfee, Microsoft, Panda, Sophos, Symantec, Trend Micro, and others.

The chart only includes the results of vendors which participated in at least 35% of the tests carried out during the reporting period.

Whenever a vendor takes part in a test it affects two measures – Top 3 and Participation.

1. The Top 3 measure goes up each time the vendor gains a top-three finish or award in a test. No other finishing position increases the score.
2. If several vendors share the same place in a test, the next vendor is scored according to the number of vendors, not the position. For instance, it's possible to go 1,2,2,4 but not 1,2,2,3. In the sequence "1,2,2,4" only three first vendors claim a top-three finish. Vendors can score with more than one product in the same test. The Participation indicator goes up every time a vendor enters a product in a test, regardless of the final outcome. This number is then compared with the total number of available tests.

The final result (the Top 3 characteristic) is calculated as a percentage after dividing the Top 3 indicator by the Participation indicator.

	N of tests entered	N of TOP3 places	Score of TOP3 places (%)	N of 1 st places
Kaspersky Lab	79	61	77	41
Bitdefender	54	35	65	27
Symantec	60	38	63	18
F-Secure	56	22	39	14
Avira	37	15	41	12
Eset	53	17	32	12
Avast	49	13	27	10
Sophos	40	15	38	9
BullGuard	28	9	32	8
G Data	39	9	23	7
TrendMicro	64	14	22	6
McAfee	65	10	15	6
Microsoft	48	7	15	5
AVG	53	4	8	4
Panda	41	5	12	4
AhnLab	29	3	10	2

2013 TOP3 METRIC DESCRIPTION

The following tests are taken into consideration (at the end of 2013):

ANTI-MALWARE

▶ Testing firewall protection against internal attacks

The test evaluates 21 popular firewalls for their ability to protect against internal attack. Each product receives points within certain categories; the top three vendors get points towards the Top 3 characteristic.

AV-COMPARATIVES

▶ Product of the Year

The award is given to outstanding vendors over a whole year of testing. Thus, only nominated vendors get their Top 3 indicators incremented.

▶ On-Demand Detection Test

The test consists of 2 parts: Detection test and False Positives tests. Based on the test results, products receive the following awards: "Advanced+", "Advanced", "Standard" or "Tested". All products which achieved "Advanced+" status also gain Top 3 points for their vendor. In addition all results are ranked by Detection Rate, which also translates into Top 3 points.

▶ WPDT (Whole Product Dynamic "Real-World" Protection Test)

In this test all components of the product play a significant role in protection, so the overall quality of protection should be higher than when testing only parts of the product. The test includes four months of testing using mainly current, visible and relevant malicious websites/malware. There are two ways to gain Top 3 points. Awards (only for products with "Advanced+" awards) and Protection Rate (the three best rates)

▶ Retrospective/Proactive Test

The retrospective tests evaluate the products against new and unknown malware to measure their proactive detection capabilities (e.g. through heuristics, generic signatures, etc.). This test also takes into consideration the false positive rate. Since 2012 remaining malware files have been executed to enable evaluation of the proactive protection offered by functionalities like behavior blockers. Top 3 points are awarded for the three highest results, and / or winning the "Advanced+" award.

▶ Mobile Security Review

The review includes malware protection tests as well as an overview of additional features (theft protection, battery usage, etc.). Only products with the best detection results (98-100%) gain Top 3 points for their vendors.

▶ Mac Security Review

This review assesses various Mac protection products and evaluates them in categories such as detection rate, features, etc. The three products with the highest Detection Rates gain Top 3 points for their vendors.

▶ Malware Removal Test

These tests focus only on malware removal/cleaning capabilities, so all samples are known to the AV products in the test. The issue is how successfully the products can remove malware and its traces from an already compromised system. Top 3 points are awarded to winners of the "Advanced+" status and the three products with the best Disinfection Rates.

▶ Mobile Security Review

The test evaluates different mobile anti-virus programs. The three products with the highest Detection Rate results gain Top 3 points.

▶ Anti-Phishing Test

The test simulates common situations where users rely on the anti-phishing protection provided by their security products while browsing the web. Top 3 points are awarded to any vendor which achieves "Advanced+" status.

AV-TEST

▶ Bi-Monthly Certification Consumer and Business.

It is a year-long test that is divided into 6 parts (2 months each). The test evaluates Protection, Performance and Usability of a participating product. Products receive points in each category and then get a final score; the three vendors with the highest scores get Top 3 points. The test produces two rankings, one for consumer products and one for business.

▶ Best Protection Award

The award is given for perfect results in protection testing during the entire year. Only products that gets this award, gains TOP3 counter increment for correspondent vendors.

▶ Best Repair Award

The award is given for perfect results in repair testing over the entire year. Any product which wins this award receives Top 3 points for its vendor.

2013 TOP3 METRIC DESCRIPTION

▶ **Android Mobile Security Products Test**

It is a year-long test that is divided into 6 parts (2 months each). The test evaluates Protection, Usability and Features of a participating product. Products receive points in each category and then get a final score; the three vendors with the highest scores get Top 3 points.

▶ **Windows 8 Malware Protection Test**

This comparative review of Kaspersky Internet Security and the built-in Windows 8 security components was designed to assess their protection capabilities. Only product with the highest test results gained a Top 3 point.

▶ **Proactive Rootkit Protection Test**

The test assesses how well participating products could proactively protect against kernel-mode and MBR rootkits, and so called zero-day attacks. Only three products participated, so each one earned Top 3 points for their vendors.

▶ **Patch Management Test**

The test reviewed four path management solutions for enterprise environments. The three highest-scoring products earned Top 3 points.

CHIP

▶ **Internet Security Software Suites Test**

The test evaluates products by Detection Rate and Performance. The three highest-scoring products earned Top 3 points.

COMPUTERBILD

▶ **Internet Security Software Suites Test**

The test evaluates products in 5 test cases: overall protection, protection against social network and online banking threats, protection against hacker attacks, impact on performance, user-friendliness. The three highest-scoring products earned Top 3 points.

DENNIS TECHNOLOGY LABS

▶ **Enterprise Anti-Virus Protection Test**

▶ **Home Anti-Virus Protection Test**

▶ **Small Business Anti-Virus Protection Test**

These reports aim to compare the effectiveness of anti-malware products provided by well-known security companies. The products were exposed to Internet threats that were live during the test period. This exposure was carried out in a realistic way, closely reflecting a user's experience. These results reflect what would have happened if a user was running one of the products while visiting an infected website. The tests include a detection subtest and a false positive subtest. The three products with the highest Accuracy scores (a combination of points from the two subtests) earned Top 3 points.

MRG EFFITAS

▶ **Real Time Protection Test**

The purpose of the test is to give an indication of product efficacy against live threats applied to the System Under Test using a valid, real world infection vector and process. The three highest-scoring products earned Top 3 points.

▶ **Online Banking/Browser Security Report**

The test assesses the efficiency of a range of products against a man in the browser (MitB) attack, as used by real financial malware. Only products that achieved this award earned Top 3 points.

▶ **Time to Detect & Remediate Assessment**

The test measures the ability of a range of security products to prevent an endpoint from being infected by live malware. If the system is infected, we measure the time the products take to detect the infection and remediate the system, up to a maximum of 24 hours. The three products with the best Detection Rates earned Top 3 points. Products with three highest results in Detection Rate gain increment of TOP3 counters for correspondent vendors.

▶ **Time to Detect Assessment**

The test measures the ability of a range of security products to prevent an endpoint from being infected by live malware. If the system is infected, we measure the time the products take to detect the infection and remediate the system, up to a maximum of 24 hours. The three products with the best Detection Rates earned Top 3 points.

2013 TOP3 METRIC DESCRIPTION

NSS LABS

► Protection Against Java Zero-day Vulnerabilities Test

The test was designed to see how well anti-virus products block exploits which used Zero-day java vulnerabilities. Only products that successfully blocked the exploit earned Top 3 points.

► Exploit Protection Test

This test evaluated security suites to measure their effectiveness in protecting Windows computers against exploits. All of the vulnerabilities exploited during this test have been publicly available for months (if not years) prior to the test, and have also been observed on the Internet. The three products with the highest Protection Rate earned Top 3 points.

► Exploit-Evasion Defenses Test

The test evaluated several popular security suites to assess how they dealt with various evasion techniques. The three products with the highest Evasion Block rate earned Top 3 points.

PC MAGAZINE

► The Best Security Suites of 2013

The test evaluates several parameters of security suites and awards points for each parameter. The three products with the highest total score earned Top 3 points.

► The Best Antivirus for 2013

The test evaluates several parameters of anti-virus products and awards points for each parameter. The three products with the highest total score earned Top 3 points.

► Internet Security Software Suites Rating

The test evaluates security suite on different parameters such as protection, performance, usability. The three products with the best results earned Top 3 points.

PC SECURITY LABS

► Solution Review on Windows 8 Platform

The test evaluates the defensive quality of anti-virus solutions against the needs of different user groups and their usage scenarios. The top three vendors earned Top 3 points.

► Mobile Security Product Test for Android

The test evaluates Detection Rates and False Positives for mobile products. Results from those two areas generate a final score which defines the position of each participant. The top three vendors earned Top 3 points.

PCWORLD

► Internet Security Software Suites

The test evaluates products via three test-cases: virus and spyware detection, infection clean-up and scan speed. The three highest-scoring products earned Top 3 points.

PC WELT

► Internet Security Software Suites Test

The aim of the test was to compare the effectiveness of Windows 8 built-in protection and paid-for anti-virus products. The three highest-scoring products earned Top 3 points.

MICRO HEBDO

► Internet Security Suites Test

Each product is evaluated in different categories: protection, performance, usability, parental control. The three highest-scoring products earned Top 3 points.

TOLLY GROUP

► Competitive Anti-Virus Performance and Effectiveness in Vmware

The test evaluates the performance and effectiveness of Kaspersky Security for Virtualization 2.0 in comparison with Trend Micro Deep Security 8 SP2, McAfee MOVE Agentless Security 2.6 and agent-based Symantec SEP 12.1.2 The three products with the highest Total Detection Rate earned Top 3 points.

VB100

► Comparative Review

The Virus Bulletin holds tests every 2 months, typically based on distinct operational systems. They usually evaluate different types of product. Each product that successfully passes a WildList test earns a Top 3 point for its vendor.

THE FULL LIST OF AV VENDORS THAT PARTICIPATE IN TOP3 MEASUREMENTS

- AegisLab
- Agnitum
- AhnLab
- Antiy Labs
- Anvisoft
- Armor for Android
- Ashampoo
- Avast
- AVG
- Avira
- AVSoftware (UnThreat)
- Baidu
- BeyondTrust
- Bitdefender
- Bornaria
- BullGuard
- Check Point
- Commtouch
- Comodo
- Digital Defender
- Dr.Web
- DSC
- Emsisoft
- eScan
- ESET
- ESTsoft
- Filseclab
- FixMeStick
- Fortinet
- F-Secure
- G DATA
- GFI/Sunbelt
- Hauri
- HitmanPro
- Ikarus
- Inca
- Intego
- IObit
- Iolo
- Jetico
- Jiangmin
- Jumpshot
- Juniper
- K7
- Kaspersky Lab
- Kingsoft
- Kingsoft
- Kromtech
- Lavasoft
- Lookout Mobile Security
- Lumension
- Malwarebytes
- McAfee
- Microsoft
- Microworld
- MSecure Data Labs
- MyPCwash
- Nano
- NetQin
- Norman ASA
- Optenet
- Panda
- PC Booster
- PC Pitstop
- PC Tools
- Prevention
- Qihoo
- Quarri
- Quick Heal
- Rising
- Roboscan
- SecureIT
- Senvira
- SoftSphere Technologies
- Sophos
- SourceFire
- SPAMfighter
- Spybot
- SUPERAntiSpyware
- SUVsoft
- Symantec
- Tencent
- Thirtseven4
- Total Defense
- Trend Micro
- Trusteer
- TrustGo
- TrustPort
- Utililab
- UtilTool
- VexxGuard
- VIPRE
- VMware
- Webroot
- Zemana
- Zoner