

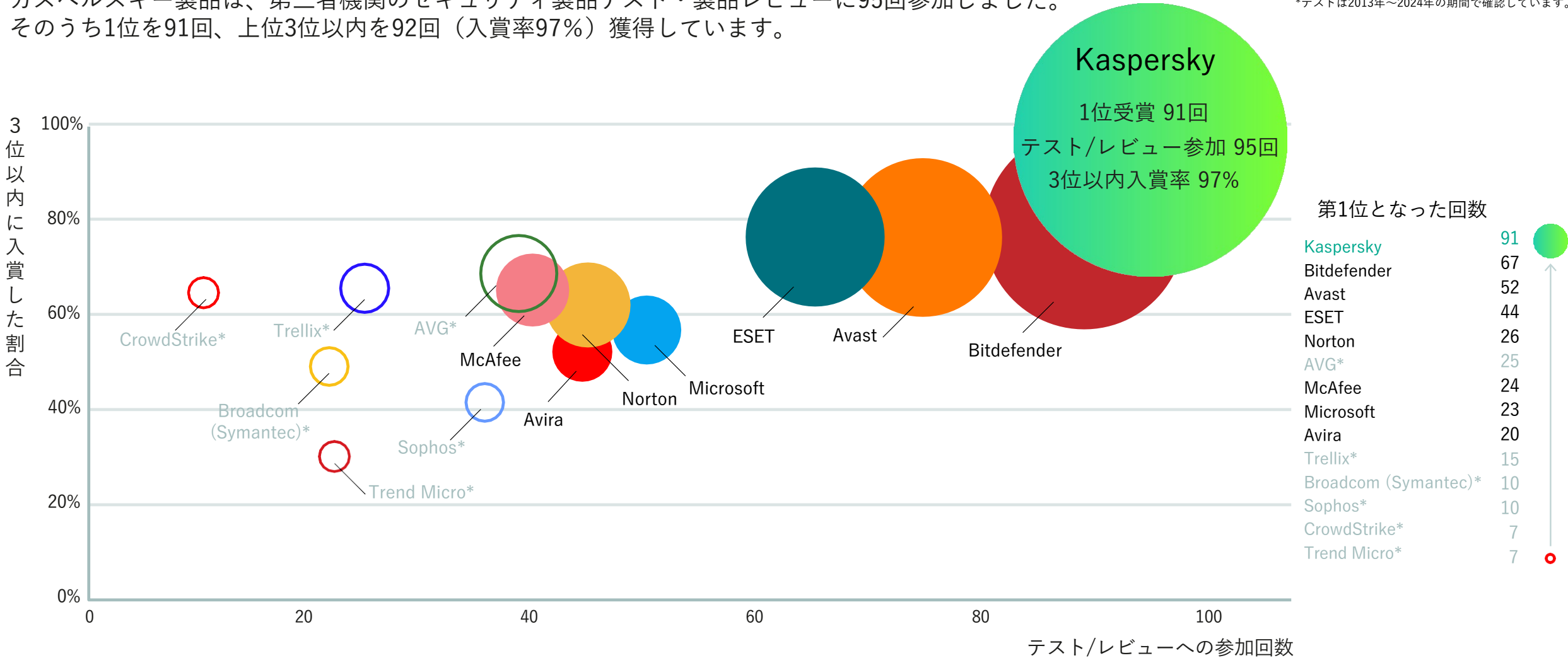
2024年の第三者機関テストで高い評価を獲得



より多くのテストに参加し*
より多くのトップ評価を得た
カスペルスキーの保護
kaspersky.co.jp/top3

*テストは2013年～2024年の期間で確認しています。

カスペルスキー製品は、第三者機関のセキュリティ製品テスト・製品レビューに95回参加しました。
そのうち1位を91回、上位3位以内を92回（入賞率97%）獲得しています。



注)

- 2024年に実施された法人、個人向け製品の第三者機関テスト結果をKasperskyが独自に集計したものです。
- 第三者機関にはAV-Comparatives, AV-TEST, MRG Effitas, SE Labs, Testing Ground Labs, Virus Bulletinが含まれます。
- 各テストは既知および未知の脅威ならびに高度な脅威に対する防御性能を評価しています。
- 円の大きさは1位受賞の回数を表しています。
- *印のベンダーは、全テスト数の35%未満の参加であることから、チャートには補完的に追加しています。

2024年 第三者機関テスト - TOP3メトリック 集計詳細

TOP3メトリックは、1年間に実施された第三者機関によるテスト結果を、Kasperskyが独自に集計したものです。

主な指標であるTOP3スコア（上位3位への入賞率）は、集計期間中にベンダーが参加した第三者機関によるテストにおいて、そのベンダーの製品が1位、2位、または3位を何回受賞したかを示します。TOP3スコアは、ベンダーの1位、2位、3位獲得回数を、そのベンダーのTOP3カウンター（参加回数）で割って算出します。

TOP3スコアは、参加ベンダーごとに計算します。

- 最終的なテスト結果はテストによって異なり、参加ベンダーに賞が授与される場合や、検知率や誤検知数のリストのみが提示される場合があります。
ベンダーのTOP3カウンターは、賞の受賞またはテストで3位以内に入った場合のどちらかに対して加算されます。賞の受賞とテストでの3位以内獲得の両方が加算されることはありません。
複数のベンダーが検知率や集計結果で同じ結果を出した場合や同じグレードの賞を受賞した場合、これらのベンダーは当該テストで同率順位の扱いになります。
検知率または集計結果の場合、結果が同率順位のベンダーより低いベンダーの順位は「上位ベンダーの数+1」として計算されます。たとえば、順位が「1,1,2,3」という並びになることはなく、「1,1,3,4」「1,2,2,4」、または「1,1,1,1,6」となります。TOP3カウンターに加算されるのは、太字の順位のベンダーのみです。
賞に関しては、後述しているテストの説明に挙げたルールを参照してください。
- ベンダーの参加回数は、そのベンダーの製品のいずれかがテスト/レビュー/オーバービューに参加することに加算されます。
テストによっては、ひとつのベンダーから複数製品が同じテストに参加できる場合があります。その場合、製品ごとに参加回数を加算するため、参加回数がテストの合計数より多くなることがあります。

グラフには、テスト合計数の35%以上に参加したベンダーの結果のみを表示しています。

2024年のスコアは2025年3月8日時点のデータを集計しました。この日以降のテスト/レビュー結果は含んでいません。

TOP3スコアには、次のセキュリティベンダーの結果が含まれています。AhnLab、Avast、AVG、Avira、Bitdefender、Broadcom (Symantec)、CrowdStrike、ESET、F-Secure、Kaspersky、McAfee、Microsoft、Norton、Trellix、Trend Micro、WithSecure。テストに参加した全ベンダーリストは本文書の最後に記載しています。

	参加 テスト数	上位3位 入賞回数	上位3位 入賞率 (%)	1位受賞 回数
Kaspersky	95	92	97%	91
Bitdefender	89	69	78%	67
Avast	75	57	76%	52
ESET	66	50	76%	44
AVG*	38	26	68%	25
Trellix*	26	17	65%	15
McAfee	40	26	65%	24
CrowdStrike*	11	7	64%	7
Norton	45	28	62%	26
Microsoft	51	29	57%	23
Avira	44	23	52%	20
Broadcom (Symantec)*	23	11	48%	10
Sophos*	36	15	42%	10
Trend Micro*	23	7	30%	7

* AVG、Broadcom (Symantec)、CrowdStrike、Sophos、Trellix、Trend Microは、それぞれテスト合計数の34%、21%、10%、32%、23%、21%しか参加していませんが、結果はグラフに表示する価値があると判断しました。

2024年 TOP3メトリック詳細 (1)

これらのテストは、さまざまな種類のマルウェアに対して実施されました。高度な脅威と誤検知テストも含まれます。

特定の脅威

APT

- AV-Comparatives. Advanced Threat Protection Test: Consumer and Business
- AV-Comparatives. Endpoint Prevention and Response (EPR) test
- AV-TEST. Advanced EDR Test
- AV-TEST. Advanced Threat Protection (ATP) Test: Consumer and Business
- SE Labs. Enterprise Advanced Security (EDR) - Detection

ランサムウェア

- AV-Comparatives. Advanced Threat Protection Test: Consumer and Business
- AV-Comparatives. Endpoint Prevention and Response (EPR) test
- AV-Comparatives. Business Security Test
- AV-Comparatives. Malware Protection Test
- AV-Comparatives. Real-World Protection Test
- AV-TEST. Advanced Threat Protection (ATP) Test: Consumer and Business
- AV-TEST. Bi-Monthly Certification: Consumer and Business
- MRG-Effitas. 360 Assessment & Certification
- SE Labs. Enterprise Advanced Security (EDR) - Detection
- SE Labs. Endpoint Security (EPS): Enterprise Test
- SE Labs. Endpoint Security (EPS): Home Test
- SE Labs. Endpoint Security (EPS): SMB Test

フィッシング

- AV-Comparatives. Anti-Phishing Test
- SE Labs. Email Security Services

ファイルレス

- AV-Comparatives. Advanced Threat Protection Test: Consumer and Business
- AV-Comparatives. Endpoint Prevention and Response (EPR) test
- AV-TEST. Advanced EDR Test
- AV-TEST. Advanced Threat Protection (ATP) Test: Consumer and Business
- MRG-Effitas. 360 Assessment & Certification
- SE Labs. Endpoint Security (EPS): Enterprise Test
- SE Labs. Endpoint Security (EPS): Home Test
- SE Labs. Endpoint Security (EPS): SMB Test

エクスプロイト

- AV-Comparatives. Advanced Threat Protection Test: Consumer and Business
- MRG-Effitas. 360 Assessment & Certification
- SE Labs. Enterprise Advanced Security (EDR) - Detection
- SE Labs. Endpoint Security (EPS): Enterprise Test
- SE Labs. Endpoint Security (EPS): Home Test
- SE Labs. Endpoint Security (EPS): SMB Test

実環境テスト

- AV-Comparatives. Advanced Threat Protection Test: Consumer and Business
- AV-Comparatives. Business Security Test
- AV-Comparatives. Real-World Protection Test
- AV-TEST. Advanced Threat Protection (ATP) Test: Consumer and Business
- AV-TEST. Bi-Monthly Certification Consumer and Business
- MRG-Effitas. 360 Assessment & Certification

- SE Labs. Endpoint Security (EPS): Enterprise Test
- SE Labs. Endpoint Security (EPS): Home Test
- SE Labs. Endpoint Security (EPS): SMB Test

Androidテスト

- AV-Comparatives. Mobile Security Review
- AV-TEST. Android Mobile Security Products Test: Consumer
- MRG Effitas. Android 360 Assessment Programme
- Testing Ground Labs. Android Malware Detection Test: Consumer and Business

Macテスト

- AV-Comparatives. Mac Security Test & Review
- AV-TEST. Mac Detection & Performance Test: Consumer and Business

専門テスト

- AV-Comparatives. LSASS Credential Dumping Certification Test
- AV-Comparatives. Process Injection Certification Test
- AV-Comparatives. VPN Test
- AV-Comparatives. Parental Control Certification
- AV-TEST. Parental Control Certification Test
- AV-TEST. Evaluation of an Additional Security Feature for VPN's

誤検知 (FP)

- 前述の全てのテストのうち、FPの測定が含まれるもの

2024年 TOP3メトリック詳細 (2)

2024年に実施され、当メトリックの算出に使用したテストをアルファベット順に表示しています。

AV-Comparatives

- Product of the Year

At the end of the year, this annual award is given to the Consumer related product which attained the highest awards in an entire year's testing cycle, involving the following tests: two Malware Protection Tests (MPT) + two Real-World Protection Tests (RWPT) + two Performance Tests + Advanced Threat Protection Test (ATP, formerly known as Enhanced Real-World Test). According to AV-Comparatives' rules, in cases where two or more products receive the same maximum score, the award goes to the product which gained the highest individual scores and did not receive it the previous year. The seal is counted as a first place in the TOP3 metric.

Products which were nominated, but did not receive the 'Product of the Year' award, are given the 'Outstanding Product' rank for their vendors, which counts as a second place in the TOP3 metrics.

Products which achieved at least 90 points across the entire test cycle are awarded the 'Top Rated' rank for their vendors, which counts as a third place in the TOP3 metric. The rest products do not gain an increment of TOP3 counter.

At the end of the year, medals ('Gold', 'Silver', 'Bronze') are also given for the best results in specific tests: MPT, RWPT, Performance, ATP. As these test results have already contributed to overall TOP3 metrics, the medals themselves do not count towards it since 2015.

Only awards can contribute towards TOP3 counters in AV-Comparatives tests.

- Malware Protection Test

This test is a successor of the File Detection Test and includes execution of the tested files. It is conducted twice a year and, correspondingly, is counted two times in the metrics. The test consists of two parts: Detection Rate and False Positives.

Products receive the following awards: "Advanced+", "Advanced", "Standard" or "Tested". Only products with "Advanced+" gain an increment of TOP3 counters for their vendor.

- Real-World Protection Test

The test lasts for four months and is finalized in a half-year report using mainly current, visible, and relevant malicious websites/malware. The test is conducted twice a year and, correspondingly, counted two times in the metrics. Because all product components contribute a significant role in overall protection, results achieved in this category are a good indicator of anti-malware product efficiency in real-world scenarios.

Products receive the following awards: "Advanced+", "Advanced", "Standard" or "Tested". Only products with "Advanced+" gain an increment of TOP3 counters for their vendor.

- Advanced Threat Protection Test: Consumer and Business

This test uses hacking and penetration techniques that allow attackers to target specific external computer systems, and evaluates how well security products protect against such attacks. This test checks protection against targeted advanced threats, such as exploits and fileless attacks.

Despite all products from consumer Main-Test-Series are expected to be tested by default, the vendors were given the opportunity to opt out of this test before the test started, which is why not all vendors are included in this test. This test is conducted and counted in the metrics once a year. Consumer and Business related products are assessed separately.

Consumer products receive the following awards: "Advanced+", "Advanced", "Standard" or "Tested". Only products with "Advanced+" gain an increment of TOP3 counters for their vendor.

Business products which block at least 8 of the 15 attacks used in the test, without blocking non-malicious operations, are certified by the test lab and gain an increment of TOP3 counters for their vendor.

- Endpoint Prevention & Response (EPR) Test

This test is performed and counted once a year and evaluates security solutions response capabilities (active response, passive response) to targeted attacks, ability to take remedial action, investigate the nature of an attack, collect and show information on indicators of compromise in an easily accessible form. The effectiveness of each product at preventing breaches, the calculated savings resulting from this, the purchase costs of the product, and the product's accuracy costs are factored by Enterprise EPR CyberRisk Quadrant.

Products receive one of the following three certification levels: "Strategic Leaders", "CyberRisk Visionaries", and "Strong Challengers", or they are not certified. Only products with "Strategic Leader" gain an increment of TOP3 counters for their vendor.

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2024年 TOP3メトリック詳細 (3)

2024年に実施され、当メトリックの算出に使用したテストをアルファベット順に表示しています。

(AV-Comparatives続き)

- Process Injection Certification Test

This test is performed and counted in the metrics one time a year. It focuses on prevention and detection capabilities of AV/EPP/EDR products against process injection and shellcode execution within the scope of initial access scenarios.

Only certified products gain an increment of TOP3 counters for their vendor.

- LSASS Credential Dumping Certification Test

This test is performed and counted in the metrics one time a year. It evaluates how well business security products determine their hardening measures protected against attacks on Windows' Local Security Authority Subsystem Service (LSASS).

Only certified products gain an increment of TOP3 counters for their vendor.

- Business Security Test

This test is published twice a year. Correspondingly, it is counted two times in the metrics. The report includes a review of various business security products and evaluates the protection efficiency in categories such as Protection Rate on different malware sets, websites, and exploits, a False Positive level, as well as an impact on system performance.

Products achieving, at least, 90 percent Protection Rate with no False Positives on common business software in the Malware Protection Test and, at least, 90 percent Protection Rate with less than 100 False Positives on any clean software/websites in the overall Real-World Protection Test, with no major performance issues, are certified by the test lab, and gain an increment of TOP3 counters for their vendor.

- Anti-Phishing Test

This test is performed and counted in the metrics once a year and simulates a common situation: users rely on the anti-phishing protection provided by their security products while browsing the web. The test consists of two parts: Detection Rate and False Positives.

If all products achieve zero False Positives, the products achieving the highest three places based on Protection Rate, gain an increment of TOP3 counters for their vendor.

If any of participating products achieve any False Positives, only certified products gain an increment of TOP3 counters for their vendor.

- Mobile Security Review

This review is performed and counted in the metrics once a year and includes a malware protection test along with an overview of additional features (theft protection, battery consumption, etc.).

If all products achieve zero False Positives, the products achieving the highest three places based on Protection Rate, gain an increment of TOP3 counters for their vendor.

If any of participating products achieve any False Positives, only certified products gain an increment of TOP3 counters for their vendor.

- Mac Security Test & Review

This review is performed and counted in the metrics once a year and evaluates various Mac protection products against a product feature list and measures protection levels in categories such as Detection Rate on separate Mac- & Windows-related malware sets and a False Positive level.

If all products achieve zero False Positives, the products

achieving the highest three places based on Protection Rate, gain an increment of TOP3 counters for their vendor.

If any of participating products achieve any False Positives, only certified products gain an increment of TOP3 counters for their vendor.

- Parental Control Certification

This test is performed and counted in the metrics once a year and evaluates efficiency of security products to prevent children from visiting unwanted web sites.

Only products blocking at least 98% of pornographic websites with zero False Positives on child-friendly websites, and having no severe unresolved bugs (or design flaws) discovered during the review, are certified and gain an increment of TOP3 counters for their vendor.

- VPN Certification Test

This test is performed and counted in the metrics once a year and evaluates VPN products performance in key areas such as security, privacy, download speed, upload speed, and latency.

Only certified products gain an increment of TOP3 counters for their vendor.

2024年 TOP3メトリック詳細 (4)

2024年に実施され、当メトリックの算出に使用したテストをアルファベット順に表示しています。

AV-TEST

- Best Protection Award: Consumer and Business

This annual award is given once a year for perfect results in the Protection category over the course of an entire year, during which bi-monthly certification takes place. Consumer and Business related products are assessed separately.

Only products that receive this award gain a TOP3 counter increment for their vendor.

- Best Usability Award: Consumer and Business

This annual award is given once a year for perfect results in the Usability category (which refers to False Positive resistance) over the course of an entire year, during which bi-monthly certification takes place. Consumer and Business related products are assessed separately.

Only products that receive this award gain a TOP3 counter increment for their vendor.

- Best Android Security Award: Consumer

This annual award is given once a year for perfect results in the Android security testing over the course of a whole year.

Only products that receive this award gain a TOP3 counter increment for their vendor.

- Best Mac Security Award: Consumer and Business

This annual award is given once a year for perfect results in the Mac security testing over the course of a whole year. Consumer and Business related products are assessed separately.

Only products that receive this award gain a TOP3 counter increment for their vendor.

- Best Advanced Threat Protection Award: Consumer and Business

This annual award is given once a year for perfect results in the Advanced Threat Protection testing over the course of a whole calendar year. Consumer and Business related products are assessed separately.

Only products that receive this award gain a TOP3 counter increment for their vendor.

- Bi-Monthly Certification: Consumer and Business

This year-long certification series consists of Consumer and Business segments, each divided into six separate, two-month-long tests, which results are published every even months, i.e. this test is counted 6 times in the metrics.

Consumer and Business related products are assessed separately. All participating products are evaluated and receive points in Protection, Performance and Usability categories. The sum of the points gained in each category makes up the overall score; products in the top three have their TOP3 counters incremented.

- Advanced Threat Protection Test: Consumer and Business

This test is counted seven times in the metrics ([December](#), [February](#), [April](#), [June](#), [August](#), [October](#), [December](#)).

Consumer and Business related products are assessed separately. It assesses detection and threat prevention capabilities of end-point solutions against APT attacks deploying ransomware and data stealers, without generating False Positives on normal operations. The executed attack chains are split into separate stages attributed to different TTPs from MITRE ATT&CK. The sum of the points gained in each stage makes up the overall score; products in the top three have their TOP3 counters incremented.

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2024年 TOP3メトリック詳細 (5)

2024年に実施され、当メトリックの算出に使用したテストをアルファベット順に表示しています。

(AV-TEST続き)

- Advanced EDR Test

This test is performed and counted in the metrics once a year and measures the effectiveness of a security solution to identify and thwart malicious activities typically associated with advanced persistent threats (APTs). The study involved a series of red-team attacks simulated in two distinct detection scenarios, each encompassing various tactics and techniques that an attacker may employ.

Only certified products gain an increment of TOP3 counters for their vendor.

- Android Mobile Security Products Test: Consumer

This year-long certification series evaluates various security protection products for Android and consists of Consumer segment only, divided into six separate tests. Their results are published every odd months, i.e. this test is counted 6 times in the metrics. All participating products are evaluated and receive points in Protection, Performance and Usability categories. The sum of the points gained in each category makes up the overall score; products in the top three have their TOP3 counters incremented.

- Mac Detection & Performance Test: Consumer and Business

This test evaluates various security protection products for Mac OS X and consists of Consumer and Business segments, which results are published and counted in the metrics four times a year. Consumer and Business related products are assessed separately. All participating products receive points in Protection, Performance and Usability categories. The sum of the points gained in each category makes up the overall score; products in the top three have their TOP3 counters incremented.

- Parental Control Certification Test

This vendor-commissioned test is performed and counted in the metrics once a year and evaluates protection efficiency of security products on Windows, Android and iOS platforms to protect children from visiting unwanted web sites.

Only certified products gain an increment of TOP3 counters for their vendor.

- Evaluation of an Additional Security Feature for VPN's

This vendor-commissioned test is performed and counted once a year. It assesses and compares VPN solutions, focusing on their additional capabilities of blocking malicious URLs and phishing websites as well as false positive avoidance.

Each product that passes the certification gains an increment of TOP3 counter for their vendor.

MRG Effitas

- 360 Assessment & Certification

This test is conducted and published four times a year and evaluates both the ability to block initial infection and time taken to detect and remediate malware on a compromised system. This test replaces the older “Time to Detect & Remediate Assessment” test and includes Online Banking part since second quarter of 2020 that assesses the efficiency of products against financial malware. Only certified products gain an increment of TOP3 counters for their vendor.

- Android 360 Degree Assessment Programme

This test is conducted and published four times a year and evaluates both the ability to block initial infection while copying it to the device, so called the Early Stage Detection, and while running it, the Installation Stage. The test also includes a false positive subtest.

If all participating products are certified, products placing in the highest three positions based on the combined of two stages Detection Rate gain an increment of TOP3 counters for their vendor.

If any of participating products doesn't pass the certification, only certified products gain an increment of TOP3 counters for their vendor.

2024年 TOP3メトリック詳細 (6)

2024年に実施され、当メトリックの算出に使用したテストをアルファベット順に表示しています。

SE Labs (formerly known as Dennis Technology Labs)

- Endpoint Security (EPS): Enterprise Test
- Endpoint Security (EPS): SMB Test
- Endpoint Security (EPS): Home Test

These quarterly-long tests are formerly known as Enterprise Endpoint, Small Business Endpoint, and Home Anti-Malware Protection tests, published and counted in the metrics four times a year each. These tests aim to compare the effectiveness of anti-malware products provided by well-known security companies. Enterprise, Home, and Small Business products are evaluated separately. The products are exposed to live Internet threats during the test period. This exposure is carried out in a very realistic way, closely reflecting the customer experience. The results reflect how products perform under real-life, customer-use-case scenarios, i.e. what happens when a user visits an infected website. The tests include a detection subtest and a false positive one.

Three products with the highest Total Accuracy Rating scores (calculated as a combination of points of the two subtests) gain an increment of TOP3 counters for their vendor.

- Enterprise Advanced Security (EDR) Test - Detection

This test is published and counted in the metrics one time this year. It is also known as Breach Response Test and evaluates effectiveness of a tested product against a range of hacking attacks designed to compromise systems and penetrate target networks in the same way as criminals and other attackers breach systems and networks. The tests include a detection subtest and a false positive one.

Three products with the highest Total Accuracy Ratings scores (calculated as a combination of points of the two subtests) gain an increment of TOP3 counters for their vendor.

- Email Security Services (ESS): Enterprise and Small Business

This test is performed and counted in the metrics one time a year and assesses how effectively the email hosted protection services are at detecting and/or protecting against threats in real time, including phishing, BEC (business e-mail compromise), social engineering and real world spam. The test includes a detection subtest and a false positive one.

Each product that passes the certification gains an increment of TOP3 counter for their vendor.

Testing Ground Labs

- Android Malware Detection Test: Consumer and Business

This test evaluates how effectively mobile products can protect users' Android-based devices from threats. It includes a detection subtest and a false positives one. Consumer and Business related products are assessed separately and are published six and three times this year, correspondingly.

Three products with the highest Total Scores (calculated as a combination of the two subtests results) gain an increment of TOP3 counters for their vendor.

VirusBulletin

- VB100 Certification

These tests are held every month to evaluate different types of products (before that, these tests were held every even months); the reports are published twelve times this year.

Each product that passes the certification gains an increment of TOP3 counter for their vendor.

2024年 TOP3メトリック対象全ベンダー

• 1E	• Dr.Web	• McAfee	• SentinelOne	• Viettel Security
• Acronis	• Elastic	• Microsoft	• Seqrite	• VIPRE
• AhnLab	• Elpha Secure	• MicroWorld	• SGA EPS	• VMware (Carbon Black)
• Antiy Labs	• EmsiSoft	• Mullvad VPN	• Shield Antivirus	• Webroot
• ArcaBit	• Enigma Software Group	• NAVER Cloud	• SOMANSA	• WithSecure
• Avast	• ESET	• Net Protector	• Sophos	• Xcitium (Comodo)
• AVG	• ESTsecurity	• NetSecurity	• Surfshark	• Zoner
• Avira	• Exosphere	• NordVPN	• TGSoft	
• Bitdefender	• ExpressVPN	• Norton	• ThreatBook	
• Bkav	• Faronics	• Open EDR	• Total Defense	(計 106社)
• Broadcom (Symantec)	• Fortect	• Palo Alto	• TotalAV	
• Check Point	• Fortinet	• Panda	• Trellix	
• CHOMAR	• F-Secure	• PC Matic (PC Pitstop)	• Trend Micro	
• Cisco	• G DATA	• Priil	• Tweaking Technologies	
• ClamXAV	• Google	• Private Internet Access Inc.	• Vendor A (AVC-EPR)	
• Clario	• Hammock	• Protectstar	• Vendor A (AVC-PC)	
• CMC Cyber Security	• Hauri	• Proton Technologies	• Vendor B (AVC-EPR)	
• Combo	• HP	• Qi-ANXIN	• Vendor B (AVC-PC)	
• Coronet Cyber Security	• Ikarus	• Qualys	• Vendor C (AVC-EPR)	
• CrowdStrike	• Intego	• Quick Heal	• Vendor C (AVC-PC)	
• Cybereason	• IPVanish VPN	• Rapid7	• Vendor D (AVC-EPR)	
• Cynet	• K7	• ReasonLabs	• Vendor D (AVC-PC)	
• CyRadar	• Kaspersky	• Rising	• Vendor E (AVC-EPR)	
• Defenx	• Mailcow	• securiON	• Vietnam Posts and Telecommunications Group	
• Delta	• Malwarebytes	• SenseOn		