

Passmark Comparative Analysis

June 2010

	ESET	McAfee	Symantec	Kaspersky	Sophos	Trend	Microsoft
Overall rating	●●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●
Installation and configuration	●●●●	●●●	●●●●	●●●●	●●●●	●●●●	●
Migration from previous av	●●●●●	●●	●●●●	●●●●●	●●●●●	●●●●●	●
Default Policies	●●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●
Client Installation	●●●●	●●●	●●●	●●●●●	●●●	●●●●	●
Interface Design	●●●●	●●●●	●●●●	●●●●●	●●	●●●	●●●
Client & policy management	●●●●●	●●●●●	●●●●	●●●●	●●●	●●●	●●
Remote Management	●●●●●	●●●●●	●●●●●	●●●●●	●●●●	●●●●	-
Updates	●●●●	●●●●	●●●●●	●●●	●●	●●●●●	●●
Common use cases	●●●●●	●●●	●●●●●	●●●●●	●●●●	●●●	●●
Effectiveness	●●●●●	●●●●	●●●●●	●●●●●	●●●●	●●	●●●●
Performance	●●●●●	●●●	●●●●	●●●●	●●●	●●	●●
Install size (MB)	284	554	682	408	223	343	160
Memory usage (MB)	102	225	182	154	209	201	267
Word doc. launch time (ms)	7,488	10,274	8,124	7,993	8,698	9,375	8,513
Word doc. restart time (ms)	2,151	2,454	2,213	2,231	2,132	2,135	2,098
File copy time for small files (s)	25.4	38.1	36.2	29.8	41.0	50.4	44.4
File copy time for large files (s)	83.7	87.2	85.8	89	86.0	87.5	89.2
Client signature db. size (MB)	29	98	127	68	56	120	49
Boot time (s)	28	36	36	41	28	51	59
Machine restart time (s)	78	76	82	77	83	80	85
Daily network traffic (MB)	4	75	10	15	4	5	10

Rating	Rating Description
-	Unsupported – This category was not supported by the business security solution. Support was not documented in product guides, the online knowledgebase or help files.
●	Very Poor – The security solution offered very limited performance in this category. Products with this rating had sparse or inaccurate documentation, extremely poor usability, or technical issues which severely hampered product stability, usability and functionality.
●●	Poor – The security solution had inadequate or basic performance in this category, as a result of poor usability or functionality. Some products with this rating had bugs which hampered product performance in this category.
●●●	Average – The security solution had adequate performance in this category with some room for improvement.
●●●●	Good – The security solution provides good performance in this category area with useful features and good documentation.
●●●●●	Exceptional – The security solution provides outstanding performance in this category area, with unique, thoughtful or well-designed features that streamline usability or functionality and excellent documentation.

Products tested

ESET Smart Security 4 Business Edition Kaspersky Business Space Security McAfee Total Protection for Endpoint Microsoft Forefront Client Security
 Symantec Endpoint Protection Sophos Endpoint Security and Data Protection Trend Micro Worry-Free Business Security: Standard Edition

Awards overview

Virus Bulletin VB100 Awards

May 1998-June 2010



To earn a Virus Bulletin Award (VB100), an antivirus product must detect all of the current "In-the-Wild" viruses without producing any false positives.

ESET's NOD32 antivirus system is the only solution worldwide that has never missed a single "In-the-Wild" worm or virus in this testing since May 1998 and holds the world record of VB100 Awards, obtaining the 62nd Award in June 2010 retaining its industry-leading pass ratio of 97%. The graph below is based entirely on Virus Bulletin testing history since May 1998, ESET's first submission.

VB 100 awards
May 1998-June 2010

Fail Pass

Company	Fail	Pass
ESET	2	62
Symantec	4	53
Kaspersky	16	50
Sophos	15	50
McAfee	19	42
Norman	20	41
CA Business	15	41
F-Secure	14	38
Alwil (avast!)	20	36
AVG	20	32
VirusBuster	22	31
Quick Heal	11	31
CA Consumer	14	29
FRISK (F-PROT)	18	27
DoctorWeb	24	25
GDATA	10	23
Trend Micro	8	16

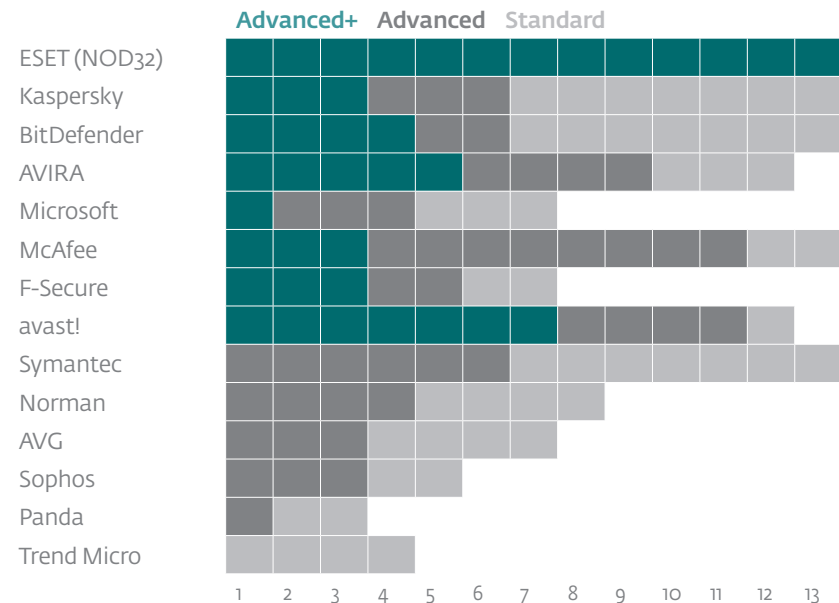
AV-Comparatives Awards

Retrospective/Proactive Tests Feb 04-May 2010



AV-Comparatives provides a three-level ranking system of Standard, Advanced and Advanced+ awards. To receive an "Advanced+" rating, a product must be rated with not only an excellent proactive detection rate, but also a low false positive rate.

AV-Comparatives Awards Retrospective/Proactive Tests Feb 2004-May 2010



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