



## Why Kaspersky Lab is better than Symantec

- KL consistently performs better than Symantec in a range of independent anti-virus tests, as shown below.
  - Since testing began in February 2004, KL has received more 'Advanced +' levels than Symantec [see <http://www.av-comparatives.org>, refer to the Comparatives section and click the link in the section beginning 'to get an overview of the comparatives'].
  - Below is a summary of the results from the most recent on demand test at <http://www.av-comparatives.org>, February 2008.

	KL	SYMANTEC
Certification level	Advanced +	Advanced +
Windows viruses	99.8	100.0
Macro viruses	100.0	100.0
Script viruses/malware	97.7	98.4
Worms	99.4	99.8
Backdoors	97.9	96.0
Trojans	97.7	97.3
Other malware	97.2	97.6
<b>TOTAL</b>	<b>98.3</b>	<b>97.7</b>

[AV-comparatives](http://www.av-comparatives.org) test summary, Kaspersky Lab and Symantec

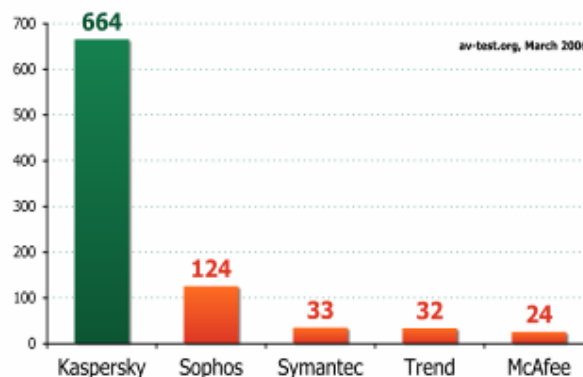
			Who detected more?
1	February 2004	On-demand comparative	KL
2	May 2004	Retrospective/proactive test	KL
3	August 2004	On-demand comparative	KL
4	November 2004	Retrospective/proactive test	KL
5	February 2005	On-demand comparative	KL
6	May 2005	Retrospective/proactive test	KL
7	August 2005	On-demand comparative	KL
8	November 2005	Retrospective/proactive test	KL
9	February 2006	On-demand comparative	KL
10	May 2006	Retrospective/proactive test	KL
11	August 2006	On-demand comparative	KL
12	November 2006	Retrospective/proactive test	Symantec
13	February 2007	On-demand comparative	KL
14	May 2007	Retrospective/proactive test	Symantec
15	August 2007	On-demand comparative	Symantec
16	November 2007	Retrospective/proactive test	KL
17	February 2008	On demand comparative	KL

18	May 2008	Retrospective/proactive test	KL
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- ▶ KL has achieved fewer *Virus Bulletin* 'VB100%' awards since testing began in January 1998: KL has received 42 awards, Symantec has received 43 [as of April 2008]. However, unlike Symantec, KL has NEVER failed to submit product for testing [see <http://www.virusbtn.com/>].
- ▶ KL out-performs Symantec in delivering proactive protection from new threats, as shown above. And KL proactive detection has been enhanced still further with the addition of the KAV 6.0 Proactive Defense Module [PDM].
- ▶ In June 2006, AV-comparatives tested the PDM. This module was tested in isolation, WITHOUT the detection capability normally provided by the KL anti-virus databases: i.e. standard signature scanning was disabled! The results speak for themselves:

	KL
Windows viruses	100
Script malware	93.5
Worms	99
Backdoors	99.9
Trojans	99.6

- KL has consistently responded faster to outbreaks than Symantec in tests conducted by AV Test GmbH [<http://www.av-test.org/>], including Zafi.d, Mydoom.bb and worms based on the MS05-039 vulnerability.
- To protect against new threats as they appear, KL provides hourly, incremental [around 20KB] updates. This compares to two untested and one tested daily updates provided by Symantec, which can be anywhere up to 6MB. New viruses, worms and Trojans appear all the time: KL adds around 450 new records to its databases every day.



- KL supports 3,200 different compression, archiving and packing utilities [March 2007]. This includes recursive scanning [e.g. a ZIP file within a ZIP] and *iCure*™ technology to clean commonly used archive utilities: ZIP, ARJ, LHA, RAR, CAB. The KL anti-virus engine also includes a smart algorithm to protect against 'archive bombs' that can potentially sabotage the scanning process. Symantec, by contrast, handles just a small number of formats and is able to clean ZIP files only.

- Extensive QA testing ensures that KL customers do not experience false alarms problems of the sort faced by Symantec customers last year [see, for example, <http://www.vnunet.com/vnunet/news/2159763/symantec-mistakes-open-source>].
- KL has included leading 'spyware' protection for many years, without the need for a stand-alone product. The quality of KL 'spyware' protection [from backdoor Trojans, keyloggers, adware, dialers and more] has been demonstrated in independent tests:
  - KL was placed FIRST in the *Computer Bild* 'spyware' test, July 2005.
  - KL holds West Coast Labs [<http://www.westcoastlabs.org/>] 'Checkmark' certification.
  - KL won the SC Magazine [<http://www.scmagazine.com/>] 'Best Anti-spyware' award 2006.
- KL on-demand scan speeds are typically a little lower than Symantec, although in the August 2007 *Virus Bulletin* review, Kaspersky Lab achieved scan speeds of 6.3MB/s, compared to Symantec scan speeds of 6.9MB/s [default scanning of binaries and system files under Microsoft® Windows Vista™ Business Edition SP1]. In addition, KL *iChecker*™ and *iSwift*™ technologies significantly reduce scan times over time by scanning new and modified files only.
- KL on-demand scans can be suspended when the processor is under heavy load, to minimize the performance overhead of the scan.
- KL includes a Rescue Disk facility that lets the user create a CD that can be used to boot clean during an emergency clean-up. In addition, KL is able to work with Intel® VPro™ Active Threat Management to enable remote clean-up of infected machines.
- Unlike other anti-virus scanners, KL Streaming Scan and Buffering Scan options offer scanning of web traffic is scanned in the stream, before files are written to the hard disk.
- The Kaspersky® Administration Kit offers more flexible policy control, remote management and reporting capabilities than Symantec:
  - Kaspersky® Administration Kit automatically detects new computers on the network, ensuring that they can be protected quickly. Lack of integration into Active Directory means that Symantec doesn't see these machines.
  - Kaspersky® Administration Kit supports installation through Remote Procedure Calls [RPC], login scripts and the Kaspersky® Network Agent. Symantec uses only RPC.
  - Kaspersky® Administration Kit tracks every step of remote deployment to a client PC and only considers the installation successful when the program is running. Symantec, by contrast, considers installation successful once the setup program has been run.
  - Kaspersky® Administration Kit offers more granular levels of control to different levels of administrator within the enterprise, not just full administration rights or 'read-only'.
    - Reporting functionality is fully integrated into Kaspersky® Administration Kit, Symantec, by contrast, requires an additional component.
    - Kaspersky® Administration Kit offers fully hierarchical policy settings, making it easier to manage settings for different groups within the enterprise.
    - 'Push' and 'pull' updating are fully integrated into Kaspersky® Administration Kit. Symantec, by contrast, requires an additional component and the update folder used can not be managed using the Symantec Management Console.
    - And unlike Symantec, KL delivers this functionality as part of the workstation and server licence, at no additional cost to the customer.