



## Why Select Kaspersky Lab Over F-Secure

- KL and F-Secure on-demand detection rates, as measured in independent anti-virus tests, are very similar, typically within 100ths of one percent, as shown below. This is hardly surprising since the Kaspersky® scan engine is integrated into F-Secure anti-virus products.
- Below is a summary of the results from the most recent on demand testing at <http://www.av-comparatives.org>, February 2007.

|   | KL           | F-Secure     |
|---|--------------|--------------|
| Dialers <sup>1</sup>                      | excellent    | excellent    |
| Potentially unwanted program <sup>2</sup> | high         | high         |
| DOS viruses <sup>3</sup>                  | excellent    | excellent    |
| Polymorphic viruses                       | 8/12         | 8/12         |
| Windows viruses                           | 99.61        | 99.61        |
| Macro viruses                             | 100          | 100          |
| Script viruses/malware                    | 97.69        | 98.13        |
| Worms                                     | 97.98        | 97.99        |
| Backdoors                                 | 98.87        | 98.87        |
| Trojans                                   | 96.53        | 96.53        |
| Other malware                             | 97.68        | 98.06        |
| Other OS viruses/malware                  | 99.73        | 99.77        |
| <b>TOTAL</b>                              | <b>97.89</b> | <b>97.91</b> |

<sup>1</sup> KEY: not present [0%-5%], low [6%-40%], mediocre [41%-70%], high [71%-95%], excellent [96%-100%].

<sup>2</sup> KEY: low [0%-64%], mediocre [65%-84%], high [71%-95%], excellent [96%-100%].

<sup>3</sup> KEY: not present [0%-50%], very low [51%-80%], low [81%-91%], mediocre [92%-95%], high [96%-97%], very high [98%-99.9%], excellent [99.91%-100%].

[AV-comparatives](#) test summary, Kaspersky Lab and F-Secure

|    |               |                              | Who detected more?  |
|----|---------------|------------------------------|---------------------|
| 1  | February 2004 | On-demand comparative        | F-Secure not tested |
| 2  | May 2004      | Retrospective/proactive test | F-Secure not tested |
| 3  | August 2004   | On-demand comparative        | F-Secure not tested |
| 4  | November 2004 | Retrospective/proactive test | F-Secure not tested |
| 5  | February 2005 | On-demand comparative        | F-Secure not tested |
| 6  | May 2005      | Retrospective/proactive test | F-Secure not tested |
| 7  | August 2005   | On-demand comparative        | F-Secure not tested |
| 8  | November 2005 | Retrospective/proactive test | F-Secure not tested |
| 9  | February 2006 | On-demand comparative        | F-Secure            |
| 10 | May 2006      | Retrospective/proactive test | =                   |
| 11 | August 2006   | On-demand comparative        | F-Secure            |
| 12 | November 2006 | Retrospective/proactive test | =                   |
| 13 | February 2007 | On-demand comparative        | F-Secure            |

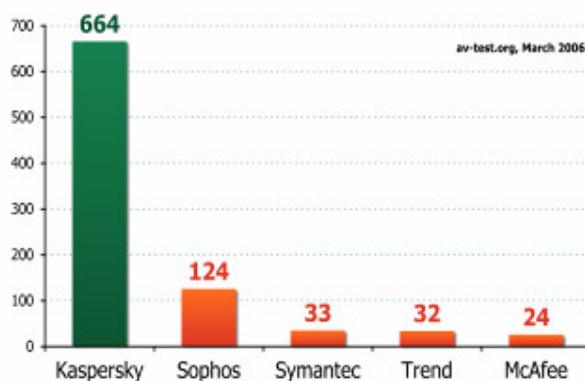
- ▶ KL has achieved more *Virus Bulletin* 'VB100%' awards than F-Secure [see <http://www.virusbtn.com/>]. KL has received 38 VB100% awards, F-Secure has received just 26 [as of April 2007].
- ▶ KL and F-Secure results in proactive detection tests conducted by [AV-comparatives](#) are identical. However, these tests measure on-demand capability only. They take no account of KL real-time proactive technologies that deliver effective protection to KL customers. These include (1) proactive detection, blocking and roll-back of threats using the Proactive Defense Module [PDM], (2) anti-hacker technology to monitor application and network activity and (3) intrusion protection to defend against network attacks. The PDM has delivered protection from more than 90% of the KL monthly top 20 threats since August 1995. It also provides a roll-back facility to undo changes made by malicious programs, including rootkits.
- ▶ 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 |

In his summary to the 2006 [AV-comparatives](#) test, Andreas Clementi commented:

'In the retrospective tests KAV did not reach very high results, but the version 6 of KAV includes a behaviorblocker (PDM) which will protect against malware during its execution. Tests of this proactive detection technology shows that it offers a very high protection.'

- KL has consistently responded faster to outbreaks than F-Secure in tests conducted by AV Test GmbH [<http://www.av-test.org/>].
- To protect against new threats as they appear, KL provides hourly, incremental [around 20KB] updates. This compares to daily updates provided by F-Secure. New viruses, worms and Trojans appear all the time: KL adds around 450 new records to its databases every day.



- 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.
  
- In the February 2007 *Virus Bulletin* review, Kaspersky Lab achieved scan speeds of 12,118.91KB/s, compared to F-Secure scan speeds of 7,632.91KB/s [default scanning of executable and system files under Microsoft® Windows Vista™].
- F-Secure integrates technology from several vendors. This adds additional performance overhead without giving any significant benefit in terms of detection.
- KL *iChecker*™ and *iSwift*™ technologies significantly reduce scan times 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.

**About Kaspersky Lab – [www.kaspersky.com](http://www.kaspersky.com):**

Kaspersky Lab delivers the world's most immediate protection against IT security threats, including viruses, spyware, crimeware, hackers, phishing, and spam. Kaspersky Lab products provide superior detection rates and the industry's fastest outbreak response time for home users, SMBs, large enterprises and the mobile computing environment. Kaspersky® technology is also used worldwide inside the products and services of the industry's leading IT security solution providers. For the latest on antivirus, anti-spyware, anti-spam and other IT security issues and trends, visit [www.viruslist.com](http://www.viruslist.com).