

# F-SECURE: INTERNET SECURITY

Version Tested  
2010

Website  
[www.f-secure.com](http://www.f-secure.com)

Platform  
Windows 7 (RTM, 32 bit)

During April, May and June 2010 we continuously evaluated 19 security products using their default settings. We always used the most current publicly-available version of all products for the testing. They were allowed to update themselves at any time and query their in-the-cloud services. We focused on realistic test scenarios and challenged the products against real-world threats. Products had to demonstrate their capabilities using all components and protection layers.



PROTECTION	Protection against malware infections (such as viruses, worms or Trojan Horses)	PROTECTION SCORE:		
		APR	MAY	JUN
Protection against 0-day malware attacks from the internet, inclusive of web and e-mail threats (Real-World Testing)	Industry average: 75% in % Samples used: 59	71	95	100
Blocking of malware on or post execution (Dynamic Detection Testing)	Industry average: 63% in % Samples used: 16	56		
Detection of a representative set of malware discovered in the last 2-3 months (AV-Test reference set)	Industry average: 95% in % Samples used: 1,359,862	99	99	97
Detection of widespread malware (according to the WildList)	Industry average: 100% in % Samples used: 26,964	100	100	100
		PROTECTION SCORE:  5.0/6.0		

REPAIR	Cleaning and repair of a malware-infected computer	REPAIR SCORE:		
		APR	MAY	JUN
Removal of all active components of widespread malware (according to the WildList) from a computer	Industry average: 90% in % Samples used: 20	90		
Removal of further malicious components and remediation of critical system modifications made by malware	Industry average: 50% in % Samples used: 20	55		
Detection of deliberately hidden active malware (Rootkits and stealth malware)	Industry average: 100% in % Samples used: 7	100		
Removal of deliberately hidden active malware (Rootkits and stealth malware)	Industry average: 71% in % Samples used: 7	100		
		REPAIR SCORE:  5.0/6.0		

USABILITY	Impact of the security software on the usability of the whole computer (lower values indicates better results)	USABILITY SCORE:		
		APR	MAY	JUN
Average slow-down of the computer by the security software in daily use	Industry average: 251 in sec Number of test cases: 13	236		
False detections of legitimate software as malware during a system scan (false positives)	Industry average: 4 in # Number of test cases: 611,548	0	0	0
False warnings or blocking of certain actions during the installation and use of legitimate software	Industry average: 2 warnings, 1 blockings in # Number of test cases: 20	warnings: 1 blockings: 0		
		USABILITY SCORE:  5.5/6.0		