

Developer, Distributor	(Reference)	Comodo	Symantec
Product name		Internet Security Premium Free	Norton Internet Security 2011
Language of the tested version		English	English
Program version		5.0.162636.1135	18.1.0.37
Engine/ signature version		6244	n/a
Program date		2010-09-11	2010-08-17
Signature date		2010-09-30	2010-09-27
Number of virus records		n/a	n/a
Operating system		Windows XP Pro, SP3	Windows XP Pro, SP3

**1. DYNAMIC (BEHAVIOUR-BASED) DETECTION OF MALWARE** Internet Security Premium Free Norton Internet Security 2011

<b>Overall Detection (Warning) Rate</b>	30	30	100.00%	30	100.00%
<b>Overall Detection and Blocking Rate</b>	30	30	100.00%	27	90.00%
<b>Overall Detection, Blocking and Removal (Cleaning) Rate</b>	30	16	53.33%	24	80.00%

**Detailed Results: Detection / Blocking / Removal**

* 0x00fcc1a08563ccef71a201a7f81d859	3	+ / + / -	Executable remains	+ / + / +
* 0x057fb7117b807c74d5b51132ce1c9ed	3	+ / + / -	Uninstall Entry remains	+ / + / +
* 0x0b64cc72e2733bc8e6b589e055a7fea3	3	+ / + / +		+ / + / +
* 0x10b048bd0bb5123580f59ee335e67e13	3	+ / + / +		+ / + / +
* 0x199befb8b455c9d09b0d071746068337	3	+ / + / -	Executable remains	+ / + / +
* 0x26070f9ea76057597012008158d1db16	3	+ / + / -	Executable remains	+ / + / +
* 0x459c84cd6af9ba2111dbd39c74e4d323	3	+ / + / -	Executable remains	+ / + / +
* 0x5164d4c1971ebd00b6e2f922afc857fa	3	+ / + / -	Executable remains	+ / + / +
* 0x53ccf293ea98bd7bb3ad42c7a1df4959	3	+ / + / +		+ / + / +
* 0x670c20f113567cf17156696d0c06f1e4	3	+ / + / +		+ / + / - Executable remains, Registry: start entry remains
* 0x687f7185a7f1009f62e62b988f1aa846	3	+ / + / -	Executable remains	+ / - / - Executable remains, Registry: start entry remains
* 0x695d3b62bdffe779a2bd5dc7c64c416a	3	+ / + / +		+ / + / +
* 0x69816c426359ce62345af3d4af2ebf62	3	+ / + / +		+ / + / - Hosts file remains changed
* 0x7fd3a3d3cd622e7989df2ea72ff3cf24	3	+ / + / +		+ / + / - Executable remains, Registry: start entry remains
* 0x8317773e6034049014ec59964e3d4b65	3	+ / + / +		+ / - / - Executable remains, Registry: start entry remains
* 0x8e738908f02247023eed9b5b5b5f74d	3	+ / + / -	Executable remains	+ / + / +

**Reference:**

- + Malware was detected by behaviour (Detection) or all relevant components have been removed (Removal and Prevention)
- Malware or actions of the malware have not been detected (Detection) or not all relevant components have been removed (Removal and Prevention)
- o Actions of the malware have been detected, e.g. Registry changes, Firewall messages (Detection)
- D Dropped components of the malware have been detected by static detection mechanisms

* 0x91a395cf66bb7156c11da52be600a72	3	+ / + / +		+ / + / +
* 0x986ab087f42c2422c8ce850f3aef9421	3	+ / + / -	Executable remains	+ / + / +
* 0xa4aff3820510096891929c74aefc5098	3	+ / + / +		+ / + / +
* 0xa783659c4c2952d06d65836961806f41	3	+ / + / -	Executable remains	+ / + / +
* 0xa7a79f714d914e5e8368d96f8d6e1804	3	+ / + / +		+ / + / +
* 0xaab069cecef80a3af3ec34dbd61c587c	3	+ / + / -	Executable remains	+ / + / +
* 0xba15230d1ddab36da9809b137d3ddb10	3	+ / + / +		+ / - / -
* 0xbac2762618f9d39c5561fc71bf47b40b	3	+ / + / -	Executable remains	+ / + / +
* 0xc90f7a7a04b9a2b4dbbc9973caf680c9	3	+ / + / -	Executable remains	+ / + / +
* 0xe881965688365ba10bb37318c0fda296	3	+ / + / -	Executable remains	+ / + / +
* 0xf2d69b49464bf4b9f03aa9bc1381ed1	3	+ / + / +		+ / + / +
* 0xf66647fa2f6f3b220ae5a4307ae0e8f5	3	+ / + / +		+ / + / +
* 0xf8e5fb745cb96bc385060d8dac72a2f9	3	+ / + / +		+ / + / +
* 0xfa6b9f01e0b65f55b6dd25e759bf87f4	3	+ / + / +		+ / + / +

Executable remains,  
Registry: start entry remains

**Reference:**

- + Malware was detected by behaviour (Detection) or all relevant components have been removed (Removal and Prevention)
- Malware or actions of the malware have not been detected (Detection) or not all relevant components have been removed (Removal and Prevention)
- o Actions of the malware have been detected, e.g. Registry changes, Firewall messages (Detection)
- D Dropped components of the malware have been detected by static detection mechanisms

**2. FALSE POSITIVE PREVENTION DURING THE DYNAMIC MALWARE DETECTION**      Internet Security Premium Free      Norton Internet Security 2011

<b>Blocked Programs / Installations (negative)</b>	30	0	0%	0	0%
<b>Warning messages (negative)</b>	30	0	0%	0	0%
<b>Detailed Results: Installation / Usage and Update</b>					
* Adobe Reader 9.3.4	2	+ / +		+ / +	
* Autoit V3 3.3.6.1	2	+ / +		+ / +	
* DivX 8.1.1	2	+ / +		+ / +	
* Firefox 3.6.8	2	+ / +		+ / +	
* GoogleDesktop 5.9.1005.12335	2	+ / +		+ / +	
* IsoBuster 2.8.0.0	2	+ / +		+ / +	
* iTunes 9.2.1.5	2	+ / +		+ / +	
* Java Runtime Environment 1.6.0 update 21	2	+ / +		+ / +	
* K-Lite Codec Pack Full 6.2.0.0	2	+ / +		+ / +	
* Notepad ++ 5.7	2	+ / +		+ / +	
* Thunderbird 3.1.2	2	+ / +		+ / +	
* TrueCrypt 7.0	2	+ / +		+ / +	
* VLC 1.1.4	2	+ / +		+ / +	
* Winamp 5.581	2	+ / +		+ / +	
* WinZip 14.5(9095)	2	+ / +		+ / +	

**Reference:**

- + indicates no problems (no false detection)
- o indicates warning messages that didn't block installation or usage
- indicates problems, that did block installation or usage (false detection)