FREE ANTIVIRUS PROGRAMS

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“Meeting Notes”

SUMMARY

For a private home computer running "Windows..":
"FortiClient Endpoint Protection",
"Avast! Free Antivirus",
and
"Avira Free Antivirus" are the best free antivirus programs.

SUMMARY (continued)

For a private home computer running Apple Mac "OS X":
"Avast Free Antivirus",
"Sophos Antivirus for Mac Home Edition",
and
"Avira Free Antivirus"
are the best free antivirus programs.

SUMMARY (continued)

For a "Windows.." computer in any organization such as a business, a school, a business, a church, or a government entity:
"FortiClient Endpoint Protection",
"Comodo Antivirus",
and
"Immunet Free Antivirus"
are the only free antivirus programs.

SUMMARY (continued)

For an Apple Mac "OS X" computer in an organization, school, business, or government entity:
"FortiClient Endpoint Protection" and
"Comodo Antivirus"
are the only free antivirus programs.

TOPICS

- Comprehensive List of Antivirus Programs
- Market Shares of the Various Antivirus Programs
- Free Antivirus Programs Versus Not-Free Antivirus Programs
- Criteria for Selecting Antivirus Programs

TOPICS (continued)

- Comparison Tests of Antivirus Programs
- Comparison Reviews of Antivirus Programs
- Report Cards for the Best Free Antivirus Programs

TOPICS (continued)

- Free Antivirus Programs for Private, Non-commercial, In-home Use
- Free Antivirus Programs That Can Also Be Used By Businesses and Organizations

TOPICS (continued)

- For a Specific Computer, Performance Issues With Antivirus Programs Are Unpredictable So..
- Generic Guidelines for Installing a Free Antivirus Program

TOPICS (continued)

- Removing Misbehaving Antivirus Programs
- Hyperlinks for Downloading Free Antivirus Programs

A COMPREHENSIVE LIST OF ANTIVIRUS PROGRAMS

COMPREHENSIVE LIST OF FREE ANTIVIRUS PROGRAMS

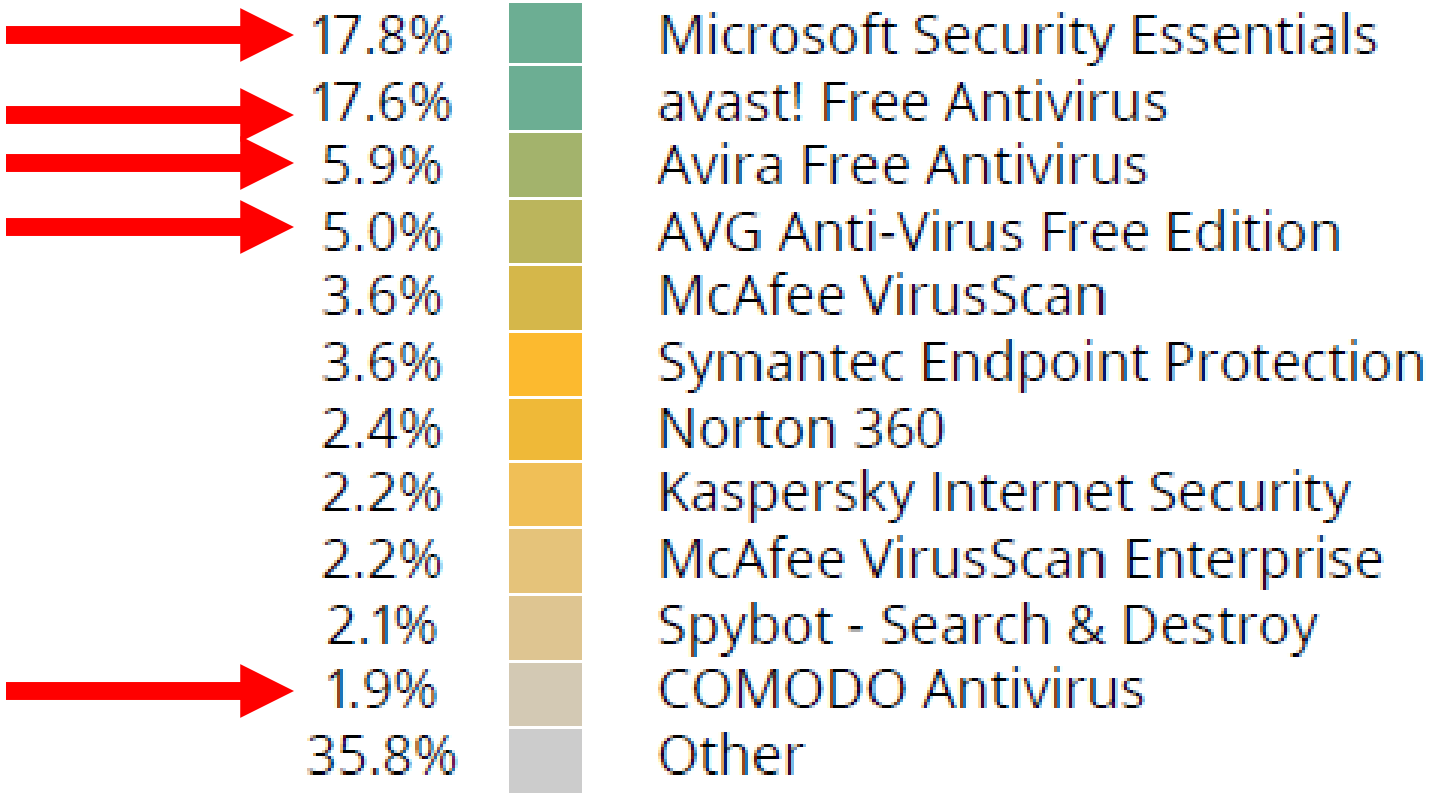
- A comprehensive list of antivirus programs for "Windows.." and Mac "OS X" computers can be found at http://en.wikipedia.org/wiki/Comparison_of_antivirus_software

MARKET SHARES OF THE VARIOUS ANTIVIRUS PROGRAMS

MARKET SHARES OF THE VARIOUS ANTIVIRUS PROGRAMS

- The OPSWAT company (which stands for "Omni-Platform Security with Access Technologies") published their latest market share data at https://www.opswat.com/resources/reports/antivirus-and-compromised-device-january-2015

ANTIVIRUS PRODUCT MARKET SHARE
REAL TIME PROTECTION ENABLED - JANUARY 2015



Windows Defender has been removed from these results.

Other products with <1.8% market share:

AVG Internet Security
ESET NOD32 Antivirus
System Center Endpoint Protection
IObit Malware Fighter
Sophos Anti-Virus
Bitdefender Antivirus Free Edition
ESET Endpoint Antivirus
Malwarebytes Anti-Malware Pro
360 Total Security
Webroot AntiVirus
ESET Endpoint Security
COMODO Internet Security Premium
Emsisoft Anti-Malware
Avira Antivirus Pro
avast! Premier
ESET Smart Security
Norton AntiVirus
Trend Micro OfficeScan Client
Baidu Antivirus
Panda Cloud Antivirus
F-Secure Internet Security
Kaspersky Anti-Virus
and others

MARKET SHARES OF THE VARIOUS ANTIVIRUS PROGRAMS

- OPSWAT's data suggests that approximately 48 percent of the computers in the world are using a no-cost antivirus software program.

FREE ANTIVIRUS PROGRAMS VERSUS NOT-FREE ANTIVIRUS PROGRAMS

FREE VERSUS NOT-FREE ANTIVIRUS PROGRAMS

- Arguments for using a free antivirus program instead of a not-free antivirus program can be found at http://www.howtogeek.com/137278/htg-explains-why-you-dont-need-a-full-internet-security-suite/

FREE VERSUS NOT-FREE ANTIVIRUS PROGRAMS (continued)

- See also http://www.pcworld.com/article/210589/free_versus_fee_free_and_paid_antivirus_programs_compared.html

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS

- Here are 9 "must have" criterion for selecting a free antivirus program.
  With the exception of "Criteria 9", we usually do not recommend antivirus products that do not meet all 9 of these criterion:

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 1:
  Program does memory-resident real-time scanning in the background at all times whenever the computer is powered on. This constant scanning does not have to be initiated by the end user.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 2:
  Program has the highest detection rate relative to other free antivirus programs.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- "Criteria 2" acknowledges that there is always a percentage or a fraction of a percent of extant viruses and malware than a specific antivirus program cannot detect at any given point in time. (="zero day" threat)

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 3:
  Program does not significantly slow down the computer and reduce the productivity of the end user.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- "Criteria 3" is dependent upon how much RAM a specific computer has AND how fast of a microprocessor chip and motherboard that a computer has.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 4:
  Program allows manual quick scans that are initiated by the end user.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 5: Program allows manual full scans that are initiated by the end user.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 6:
  Program gets updates at least once per day so that the program can detect and remove new viruses that are generated as soon as possible after they are released "into the wild".

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 7:
  Program can safely quarantine infected files
  so that you can do further analysis on them
  and
  so that you can restore quarantined files to your computer's hard drive, if the detection turns out to be a "false positive".

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 8:
  Program has a low rate of "false positives" so that it is not constantly alarming the end-user

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Criteria 9:
  Program is not dependent on having a good, solid, fast Internet connection.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- We sometimes ignore "Criteria 9" for Web-dependent antivirus products such as "Immunet Free Antivirus" when a computer resides in a location where there is a good solid, fast Internet connection at all times.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Nice to have by not totally necessary:
  Program can automatically perform quick and/or full scans on a daily, weekly, or monthly schedule as determined by the end user.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Nice to have by not totally necessary:
  No or a minimum amount of marketing emails exhorting the end-user to upgrade to a non-free version of the antivirus program.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Nice to have by not totally necessary:
  No registration period or as long of a registration period as possible so that the end-user can spend as little time as possible on marketing email (spam) and re-registering the antivirus program.

CRITERIA FOR SELECTING ANTIVIRUS PROGRAMS (continued)

- Nice to have by not totally necessary:
  Program proactively does Web filtering to block browser access to URLs that point to malware files (instead of letting you access/download the files and then deciding that the files are malware).

COMPARISON TESTS OF ANTIVIRUS PROGRAMS

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- AV-Comparatives of Austria publishes detection percentages for "Windows.." computers. See http://www.av-comparatives.org/comparatives-reviews/

COMPARISON TESTS OF ANTIVIRUS PROGRAMS

- According to their latest "File Detection Tests" report at http://www.av-comparatives.org/wp-content/uploads/2015/04/avc_fdt_201503_en.pdf

1.	AVIRA, Kaspersky Lab	99.9%
2.	F-Secure	99.8%
3.	Bitdefender, BullGuard, eScan, Lavasoft, McAfee, Quick Heal	99.7%
4.	Emsisoft, Fortinet	99.6%
5.	Avast	99.4%
6.	ThreatTrack Vipre	98.9%
7.	ESET, Baidu	98.6%
8.	Tencent, Panda	98.4%
9.	Sophos, AVG	98.1%
10.	Trend Micro	95.1%
11.	Microsoft	86.3%

COMPARISON TESTS OF ANTIVIRUS PROGRAMS (continued)

- The Safe Mac tests antivirus programs for Mac "OS X" computers.
  According to http://www.thesafemac.com/mac-anti-virus-testing-2014/:

Anti-virus software performance, sorted by percentage of malware detec

	Samples detected	Percentage
VirusBarrier 10.7.8 (772)	187	99%
avast! Free Antivirus 8.0 (40005)	184	98%
ESET Cybersecurity 5.0.115.0	182	97%
Sophos Anti-Virus for Mac 9.0.6	182	97%
Avira Mac Security 2.0.1.105	181	96%
F-Secure Anti-virus for Mac 0.1.?	181	96%
Dr. Web Light 6.0.6 (201207050)*	179	95%
Kaspersky Security 14.0.1.46	177	94%
Comodo Antivirus 1.1.214829.106*	172	91%
WebRoot SecureAnywhere 8.0.5.82: 134	162	86%
Norton Anti-Virus 12.6 (26)	158	84%
BitDefender 2.21 (2.21.4959)*	143	76%
ClamXav 2.6.1 (304)	136	72%
AVG AntiVirus 14.0 (4172)	115	61%
Trend Micro Titanium 3.0.1251	112	60%

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ProtectMac 1.4	107	57%
McAfee Endpoint Protection for Mac 2.1.0 (1085)	99	53%
FortiClient 5.0.7.135	22	12%
iAntivirus 1.1.4 (282)	19	10%
MacScan 2.9.4*	4	2%
Magician Anti-Trojan 1.4.8	1	1%
MaxSecureAntivirus 1.0.1 (1.0.1)	0	0%

* The version of anti-virus apps marked with an asterisk did not change since la
esting, though of course this has no bearing on signature database updates.)

Short name	Anti-virus engine tested	Distribution
avast!	avast! Free Antivirus 8.0 (40005)	free
AVG	AVG AntiVirus 14.0 (4172)	free
Avira	Avira Mac Security 2.0.1.105	free
BitDef.	BitDefender 2.21 (2.21.4959)*	free (Mac App Store)
ClamXav	ClamXav 2.6.1 (304)	free
Comodo	Comodo Antivirus 1.1.214829.106*	free
Dr. Web Light	Dr. Web Light 6.0.6 (201207050)*	free (Mac App Store)
ESET	ESET Cybersecurity 5.0.115.0	time-limited trial
F-Secure	F-Secure Anti-virus for Mac 0.1.?	time-limited trial
FortiNet	FortiClient 5.0.7.135	time-limited trial
iAntivirus	iAntivirus 1.1.4 (282)	free (Mac App Store)
Kaspersky	Kaspersky Security 14.0.1.46	time-limited trial
MacScan	MacScan 2.9.4*	time-limited trial
Magician	Magician Anti-Trojan 1.4.8	free
MaxSecure	MaxSecureAntivirus 1.0.1 (1.0.1)	$10 (Mac App Store)
McAfee	McAfee Endpoint Protection for Mac 2.1.0 (1085)	time-limited trial
Norton	Norton Anti-Virus 12.6 (26)	time-limited trial
ProtectMac	ProtectMac 1.4	time-limited trial
Sophos	Sophos Anti-Virus for Mac 9.0.6	free
Trend Micro	Trend Micro Titanium 3.0.1251	time-limited trial
VirusBar.	VirusBarrier 10.7.8 (772)	registered
WebRoot	WebRoot SecureAnywhere 8.0.5.82: 134	time-limited trial
	* app version unchanged since 2013 test	

COMPARISON TESTS OF ANTIVIRUS PROGRAMS (continued)

- AV-Test of Germany publishes detection percentages for "Windows.." computers but they do not test "FortiClient Endpoint Protection" (probably because "FortiNet" did not pay their testing fee).

COMPARISON TESTS OF ANTIVIRUS PROGRAMS (continued)

- ISCA Labs, a subsidiary of Verizon that is located Pennsylvania.
  They test the "FortiGate" server but they do not test the "Forticlient Endpoint Protection" software program.
  The Fortinet server is for large organizations.

COMPARISON TESTS OF ANTIVIRUS PROGRAMS (continued)

- West Coast Labs in Newport Beach, California does not test "FortiClient Endpoint Protection" (probably because "FortiNet" did not pay their testing fee).

COMPARISON TESTS OF ANTIVIRUS PROGRAMS (continued)

- MRG Effitas in London, England does not test "FortiClient Endpoint Protection" (probably because "FortiNet" did not pay their testing fee).

COMPARISON REVIEWS OF ANTIVIRUS PROGRAMS

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- See http://dottech.org/14151/windows-best-free-antivirus-antimalware-program-microsoft-security-essentials-vs-avira-vs-avast-vs-avg/

COMPARISON REVIEWS OF ANTIVIRUS PROGRAMS

- See http://www.pcmag.com/article2/0,2817,2372364,00.asp The reviews of antivirus programs are in alphabetical order.

COMPARISON REVIEWS OF ANTIVIRUS PROGRAMS

- See http://www.pcmag.com/article2/0,2817,2388652,00.asp
  The reviews of antivirus programs are in alphabetical order.

COMPARISON REVIEWS OF ANTIVIRUS PROGRAMS

- Many of the antivirus programs that obtain accolades in the Web- and paper- published reviews do not meet one or more of the nine criteria that we have listed.

REPORT CARDS FOR THE BEST FREE ANTIVIRUS PROGRAMS

REPORT CARD FOR "??? FREE ANTIVIRUS"

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	**CRITERIA 1**
UPDATES AT LEAST ONCE PER DAY?	**CRITERIA 6**
AV-COMPARATIVES' DETECTION PERCENTAGE FOR "WINDOWS.."?	**CRITERIA 2 FOR "WINDOWS.."**
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	**CRITERIA 2 FOR MAC "OS X"**
FREE VERSION FOR "ANDROID"?	Yes
WEB FILTERING TO BLOCK URLs?	Yes
REGISTRATION AND REGISTRATION PERIOD?	Not required
COMMENTS:	58

REPORT CARD FOR "FORTICLIENT ENDPOINT PROTECTION"

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	Yes
UPDATES AT LEAST ONCE PER DAY?	Yes
AV-COMPARATIVES' DETECTION PERCENTAGE FOR "WINDOWS.."?	99.6 percent
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	12 percent (horrible!)
FREE VERSION FOR "ANDROID"?	Yes
WEB FILTERING TO BLOCK URLs?	Yes
REGISTRATION AND REGISTRATION PERIOD?	Not required
COMMENTS:	59

REPORT CARD FOR **"AVIRA FREE ANTIVIRUS 2015"**

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	Yes
UPDATES AT LEAST ONCE PER DAY?	Yes
AV-COMPARATIVES' DETECTION PERCENTAGE FOR "WINDOWS.."?	99.9 percent
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	96 percent
FREE VERSION FOR "ANDROID"?	Yes
WEB FILTERING TO BLOCK URLs?	No
REGISTRATION AND REGISTRATION PERIOD?	Not Required
COMMENTS:	

REPORT CARD FOR "AVAST! FREE ANTIVIRUS"

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	Yes
UPDATES AT LEAST ONCE PER DAY?	Yes
AV-COMPARATIVES' DETECTION PERCENTAGE FOR "WINDOWS.."?	99.4 percent
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	98 percent
FREE VERSION FOR "ANDROID"?	Yes
WEB FILTERING TO BLOCK URLs?	Yes
REGISTRATION AND REGISTRATION PERIOD?	Yes, for 12 months but...
COMMENTS:	

REPORT CARD FOR "SOPHOS ANTIVIRUS FOR MAC HOME EDITION"

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	Yes
UPDATES AT LEAST ONCE PER DAY?	Yes
AV-COMPARATIVES' DETECTION FOR "WINDOWS.."?	No free version for "Windows.." (98.1 percent for the not-free "Windows.." version)
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	97 percent
FREE VERSION FOR "ANDROID"?	Yes
WEB FILTERING TO BLOCK URLs?	No
REGISTRATION AND REGISTRATION PERIOD?	Not required
COMMENTS:	62

REPORT CARD FOR "MICROSOFT SECURITY ESSENTIALS" / "WINDOWS DEFENDER"

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	Yes
UPDATES AT LEAST ONCE PER DAY?	Yes
AV-COMPARATIVES' DETECTION PERCENTAGE FOR "WINDOWS.."?	86.3 percent
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	No Mac OS X version available
FREE VERSION FOR "ANDROID"?	No Android version available
WEB FILTERING TO BLOCK URLs?	No Web filtering available
REGISTRATION AND REGISTRATION PERIOD?	Not required
COMMENTS:	"Baseline" antivirus product per Microsoft employee. (Can "marry" with "MalwareBytes Anti-Malware Premium".)

REPORT CARD FOR "IMMUNET"

MEMORY-RESIDENT, REAL-TIME SCANNING IN THE BACKGROUND?	Yes
UPDATES AT LEAST ONCE PER DAY?	Yes
AV-COMPARATIVE'S DETECTION PERCENTAGE FOR "WINDOWS.."?	(Detection percentage for the "Windows.." version is not available)
THESAFEMAC'S DETECTION PERCENTAGE FOR MAC "OS X"?	("Immunet.." is not available for Mac OS X computers)
FREE VERSION FOR "ANDROID"	("Immunet.." is not available for "Android" phones and tablets)
WEB FILTERING TO BLOCK URLs?	No
REGISTRATION AND REGISTRATION PERIOD?	(Not required)
COMMENTS:	Web-based and Web-dependent: No antivirus protection when offline

REPORT CARD SUMMARY FOR "WINDOWS.." IN A HOME ENVIROMENT

For a private home computer running "Windows..":
"FortiClient Endpoint Protection",
"Avast! Free Antivirus",
and
"Avira Free Antivirus" are the best free antivirus programs.

REPORT CARD SUMMARY FOR "MAC OS X" IN A HOME ENVIROMENT

For a private home computer running Apple Mac "OS X":
"Avast Free Antivirus", "Sophos Antivirus for Mac Home Edition", and
"Avira Free Antivirus"
are the best free antivirus programs.

REPORT CARD SUMMARY FOR "WINDOWS.." IN AN ORGANIZATION ENVIRONMENT

For a "Windows.." computer in any organization such as a business, a school, a business, a church, or a government entity:
"FortiClient Endpoint Protection",
"Comodo Antivirus",
and
"Immunet Free Antivirus"
are the only free antivirus programs.

REPORT CARD SUMMARY FOR MAC "OS X" IN AN ORGANIZATION ENVIRONMENT

For an Apple Mac "OS X" computer in an organization, school, business, or government entity:
"FortiClient Endpoint Protection"
and
"Comodo Antivirus"
are the only free antivirus programs.

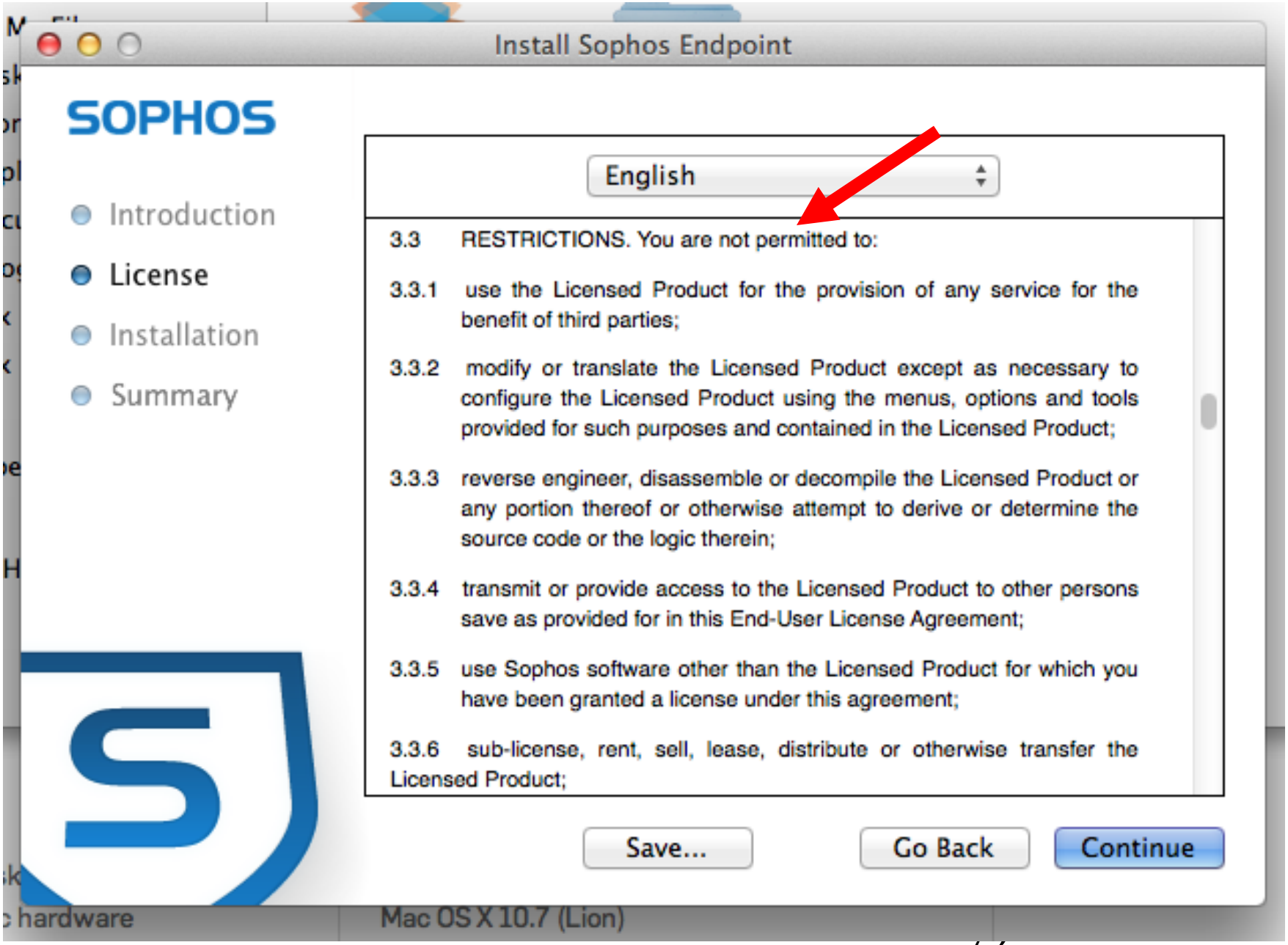
"SOPHOS ANTIVIRUS FOR MAC HOME EDITION"

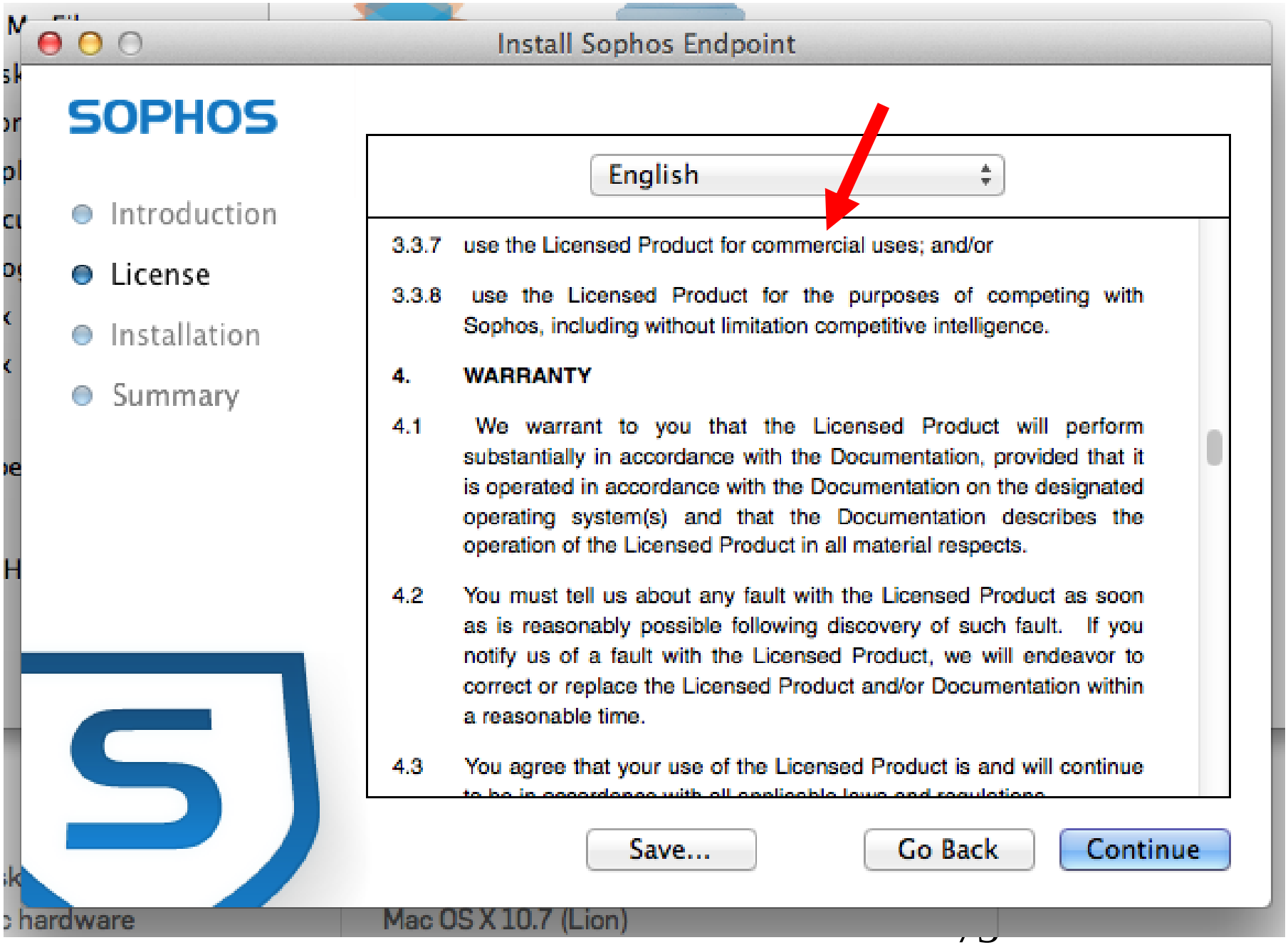
- 8 steps to install
- "Sophos Antivirus for Mac Home Edition" does not have a "game mode" but "Live Protection" can be turned off inside "Preferences" during gaming.

"SOPHOS ANTIVIRUS FOR MAC HOME EDITION" (continued)

- According to http://www.sophos.com/en-us/legal/sophos-end-user-license-agreement.aspx:
  "Consumer products are only supplied for domestic and private use."

15.7.6 Consumer Products are supplied only for domestic and private use. Licensee is not permitted to use the Products for any commercial, business or re-sale purposes, and to the maximum extent permitted by law, Sophos has no liability for any loss of profit, loss of business, business interruption, or loss of business opportunity.


Install Sophos Endpoint
SOPHOS
Introduction
License
Installation
Summary
English
3.3 RESTRICTIONS. You are not permitted to:
3.3.1 use the Licensed Product for the provision of any service for the benefit of third parties;
3.3.2 modify or translate the Licensed Product except as necessary to configure the Licensed Product using the menus, options and tools provided for such purposes and contained in the Licensed Product;
3.3.3 reverse engineer, disassemble or decompile the Licensed Product or any portion thereof or otherwise attempt to derive or determine the source code or the logic therein;
3.3.4 transmit or provide access to the Licensed Product to other persons save as provided for in this End-User License Agreement;
3.3.5 use Sophos software other than the Licensed Product for which you have been granted a license under this agreement;
3.3.6 sub-license, rent, sell, lease, distribute or otherwise transfer the Licensed Product;
Save...
Go Back
Continue
hardware
Mac OS X 10.7 (Lion)


Install Sophos Endpoint
SOPHOS
Introduction
License
Installation
Summary
English
3.3.7 use the Licensed Product for commercial uses; and/or
3.3.8 use the Licensed Product for the purposes of competing with Sophos, including without limitation competitive intelligence.
4. WARRANTY
4.1 We warrant to you that the Licensed Product will perform substantially in accordance with the Documentation, provided that it is operated in accordance with the Documentation on the designated operating system(s) and that the Documentation describes the operation of the Licensed Product in all material respects.
4.2 You must tell us about any fault with the Licensed Product as soon as is reasonably possible following discovery of such fault. If you notify us of a fault with the Licensed Product, we will endeavor to correct or replace the Licensed Product and/or Documentation within a reasonable time.
4.3 You agree that your use of the Licensed Product is and will continue
Save...
Go Back
Continue
hardware
Mac OS X 10.7 (Lion)

"AVIRA FREE ANTIVIRUS"

- 29 steps to install
- "Avira Free Antivirus" has no gaming mode but you can turn off "Real-Time Protection" during gaming
- The not-free version of "Avira.." has "Game Mode".

"AVIRA FREE ANTIVIRUS" (continued)

- According to http://www.avira.com/en/support-download-avira-free-antivirus/indexl/: "Avira Free Antivirus is a comprehensive, easy to use antivirus program, designed to offer reliable free of charge virus protection to home-users, for personal use only, and is not for business or commercial use."

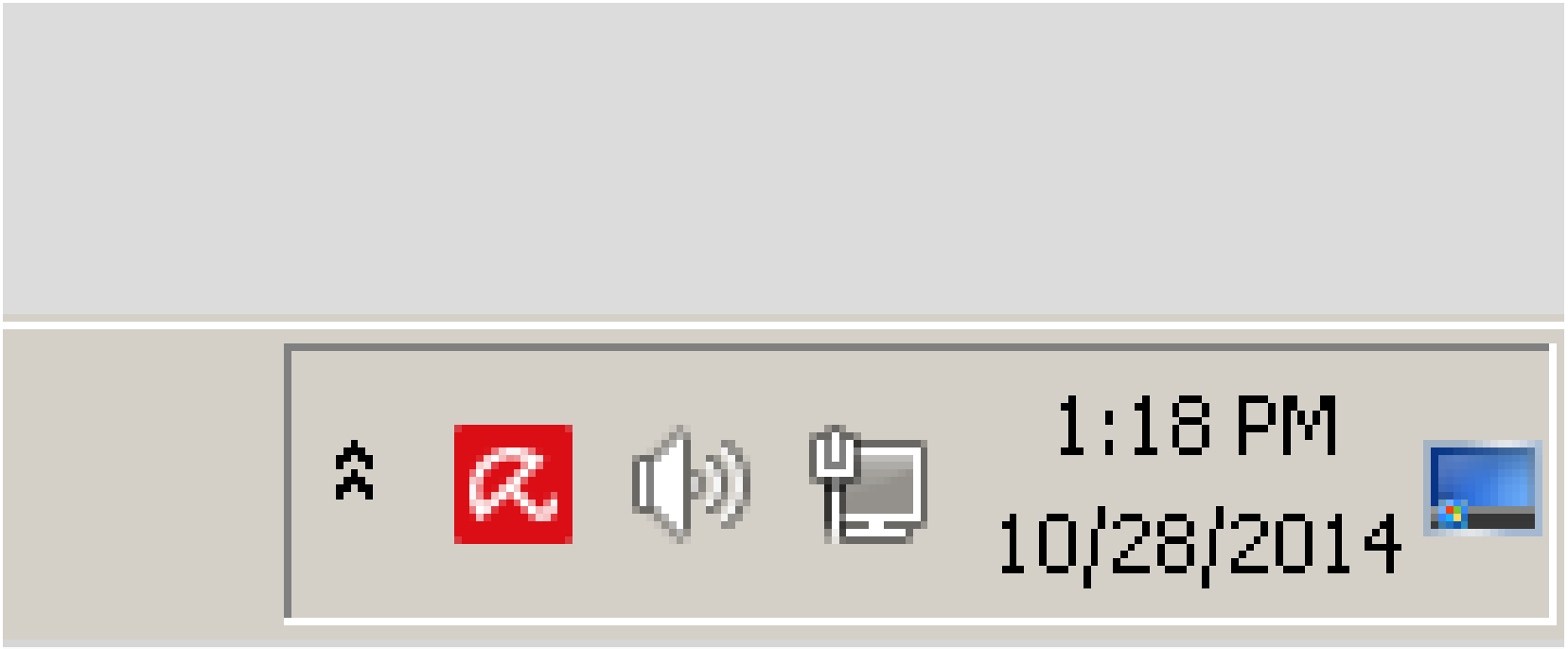
Download Avira Free Antivirus

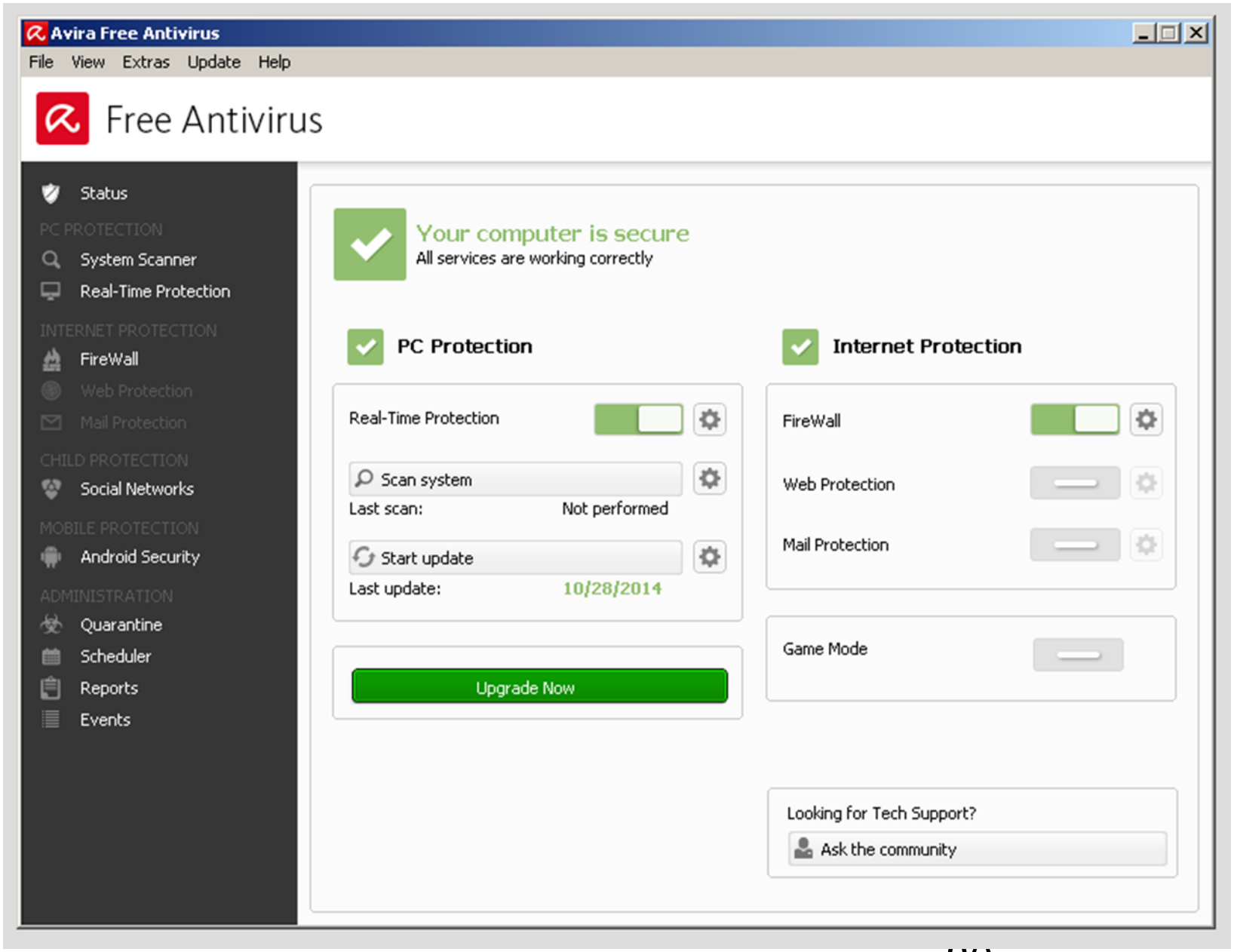
Avira Free Antivirus is a comprehensive, easy to use antivirus program, designed to offer reliable free of charge virus protection to home-users, for personal use only, and is not for business or commercial use. Available for Windows or Unix.

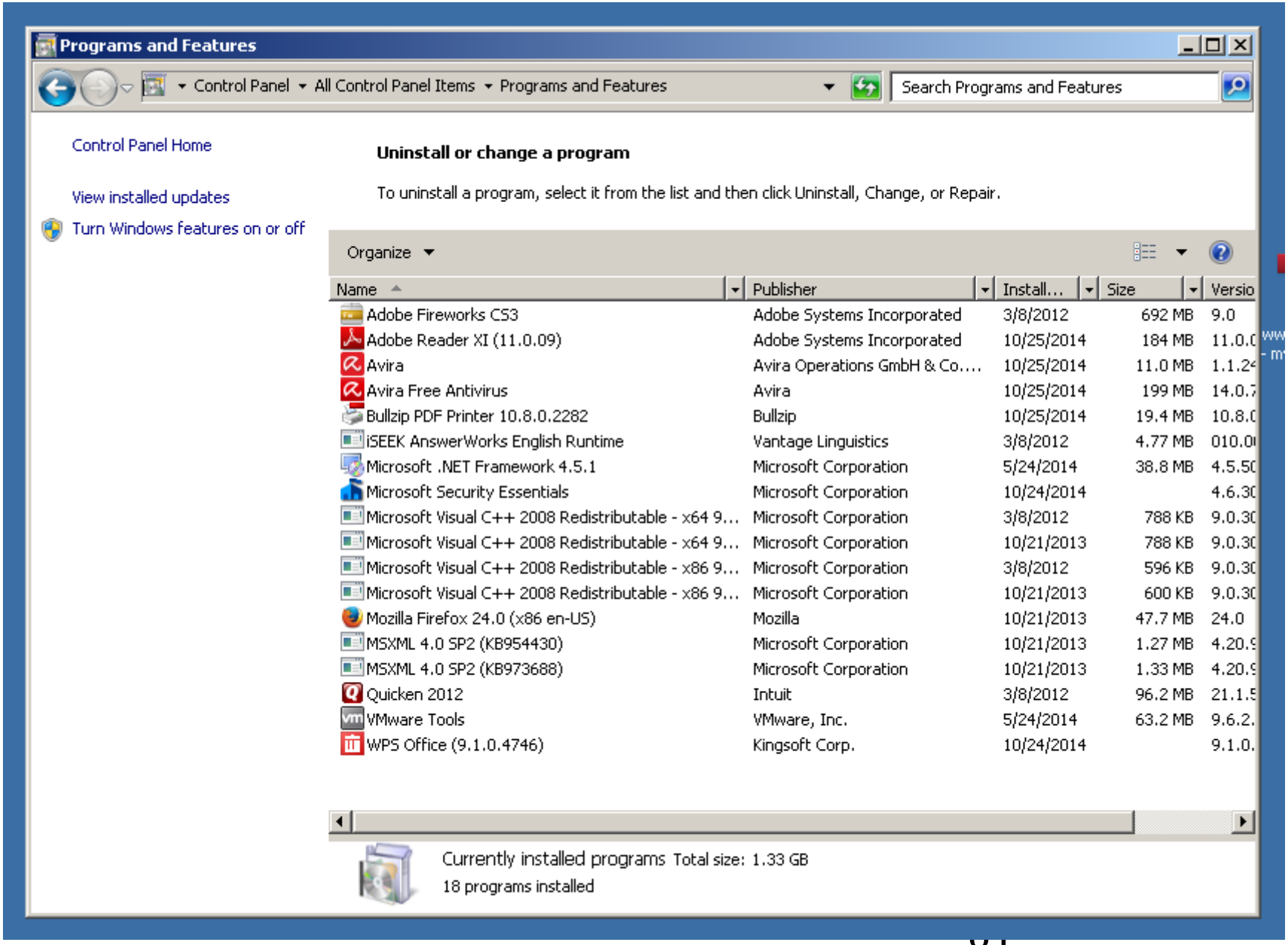
"AVIRA FREE ANTIVIRUS" (continued)

- When you install "Avira Free Antivirus" into a "Windows.." computer, it shows up as two items inside "Add or Remove Programs" (in "Windows XP") or inside "Programs and Features" (in "Windows Vista", "Windows 7", "Windows 8", "Windows 8.1", or "Windows 10"):

Avira


1:18 PM
10/28/2014


Avira Free Antivirus
File View Extras Update Help
Free Antivirus
Status
PC PROTECTION
System Scanner
Real-Time Protection
INTERNET PROTECTION
FireWall
Web Protection
Mail Protection
CHILD PROTECTION
Social Networks
MOBILE PROTECTION
Android Security
ADMINISTRATION
Quarantine
Scheduler
Reports
Events
Your computer is secure
All services are working correctly
PC Protection
Real-Time Protection
Scan system
Last scan: Not performed
Start update
Last update: 10/28/2014
Upgrade Now
Internet Protection
FireWall
Web Protection
Mail Protection
Game Mode
Looking for Tech Support?
Ask the community


Programs and Features
Control Panel ▸ All Control Panel Items ▸ Programs and Features
Search Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Uninstall or change a program
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.
Organize
Name
Publisher
Install...
Size
Versio
Adobe Fireworks CS3 Adobe Systems Incorporated 3/8/2012 692 MB 9.0
Adobe Reader XI (11.0.09) Adobe Systems Incorporated 10/25/2014 184 MB 11.0.0
Avira Avira Operations GmbH & Co.... 10/25/2014 11.0 MB 1.1.24
Avira Free Antivirus Avira 10/25/2014 199 MB 14.0.7
Bullzip PDF Printer 10.8.0.2282 Bullzip 10/25/2014 19.4 MB 10.8.0
iSEEK AnswerWorks English Runtime Vantage Linguistics 3/8/2012 4.77 MB 010.0
Microsoft .NET Framework 4.5.1 Microsoft Corporation 5/24/2014 38.8 MB 4.5.50
Microsoft Security Essentials Microsoft Corporation 10/24/2014 4.6.30
Microsoft Visual C++ 2008 Redistributable - x64 9... Microsoft Corporation 3/8/2012 788 KB 9.0.30
Microsoft Visual C++ 2008 Redistributable - x64 9... Microsoft Corporation 10/21/2013 788 KB 9.0.30
Microsoft Visual C++ 2008 Redistributable - x86 9... Microsoft Corporation 3/8/2012 596 KB 9.0.30
Microsoft Visual C++ 2008 Redistributable - x86 9... Microsoft Corporation 10/21/2013 600 KB 9.0.30
Mozilla Firefox 24.0 (x86 en-US) Mozilla 10/21/2013 47.7 MB 24.0
MSXML 4.0 SP2 (KB954430) Microsoft Corporation 10/21/2013 1.27 MB 4.20.9
MSXML 4.0 SP2 (KB973688) Microsoft Corporation 10/21/2013 1.33 MB 4.20.9
Quicken 2012 Intuit 3/8/2012 96.2 MB 21.1.5
VMware Tools VMware, Inc. 5/24/2014 63.2 MB 9.6.2.
WPS Office (9.1.0.4746) Kingsoft Corp. 10/24/2014 9.1.0.
Currently installed programs Total size: 1.33 GB
18 programs installed

Avira Avira

Avira Free Antivirus Avira

"AVIRA FREE ANTIVIRUS" (continued)

- See the article entitled "Enable Web Protection in Avira Free Antivirus without SearchFree Toolbar"
  at
  https://www.raymond.cc/blog/disable-avira-searchfree-ask-com-toolbar-popup-nag-alert/

FREE AND OPEN SOURCE (FOSS) ANTIVIRUS PROJECTS:

FOSS ANTIVIRUS PROJECTS

- Openantivirus.org
- "Immunet Protect Free"

"IMMUNET FREE ANTIVIRUS"

- 37 steps to install
- "Immunet Free Antivirus" has a "Gaming Mode"
- "Immunet Free Antivirus" is a free and open source software program that is now owned by Cisco Systems.

"IMMUNET FREE ANTIVIRUS" (continued)

- "ClamAV" has no real time scanning.
- "ClamAV" uses the openantivirus.org's database of viruses

"IMMUNET FREE ANTIVIRUS" (continued)

- "ClamSentinel" is a notification area ("system tray") application that scans files that have been modified, using "ClamAV" as an antivirus engine.
- "Immunet Free Antivirus" uses both "ClamAV" and its own antivirus engine

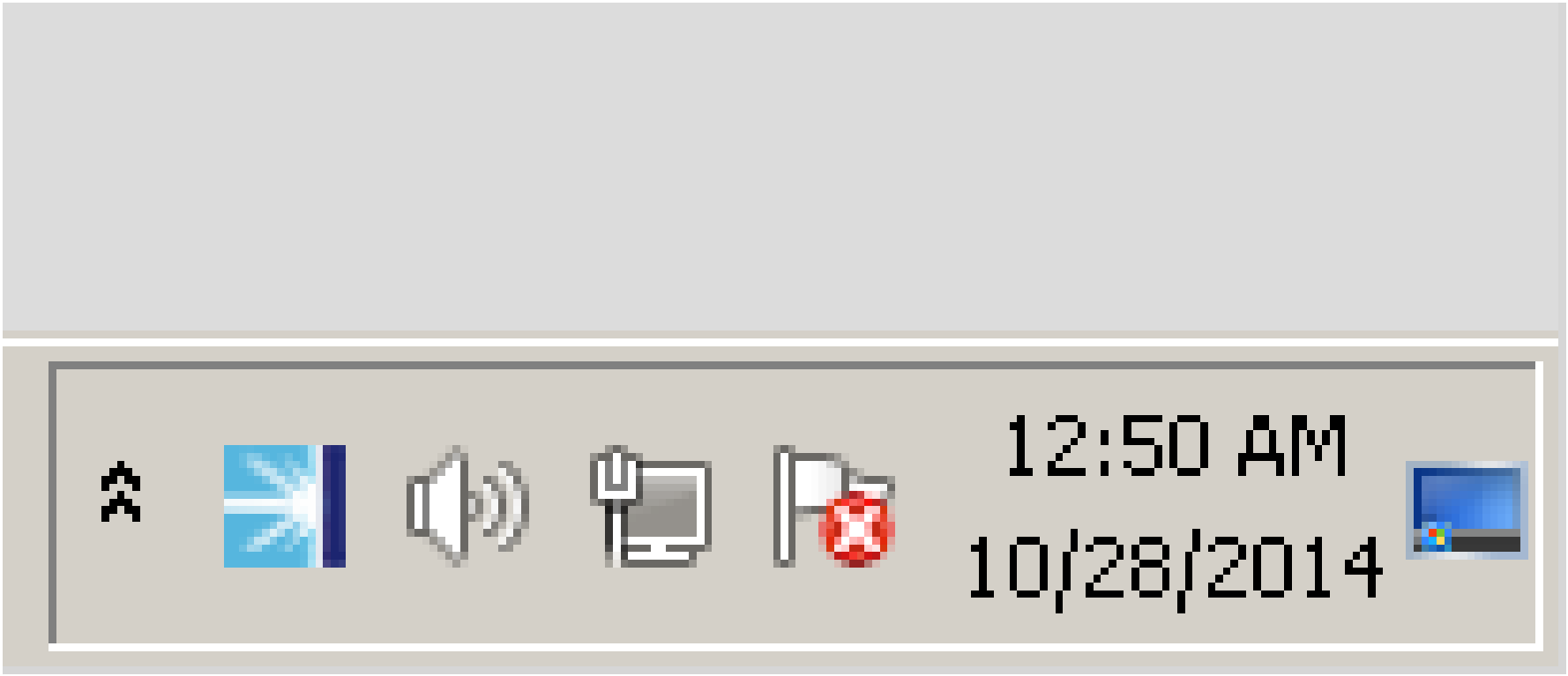
"IMMUNET FREE ANTIVIRUS" (continued)

- "ClamAV" acquired by "Sourcefire" in August 2007.
- "Immunet" acquired by "Sourcefire" in January 2011.
- "Sourcefire" acquired by "Cisco Systems" in October 2013

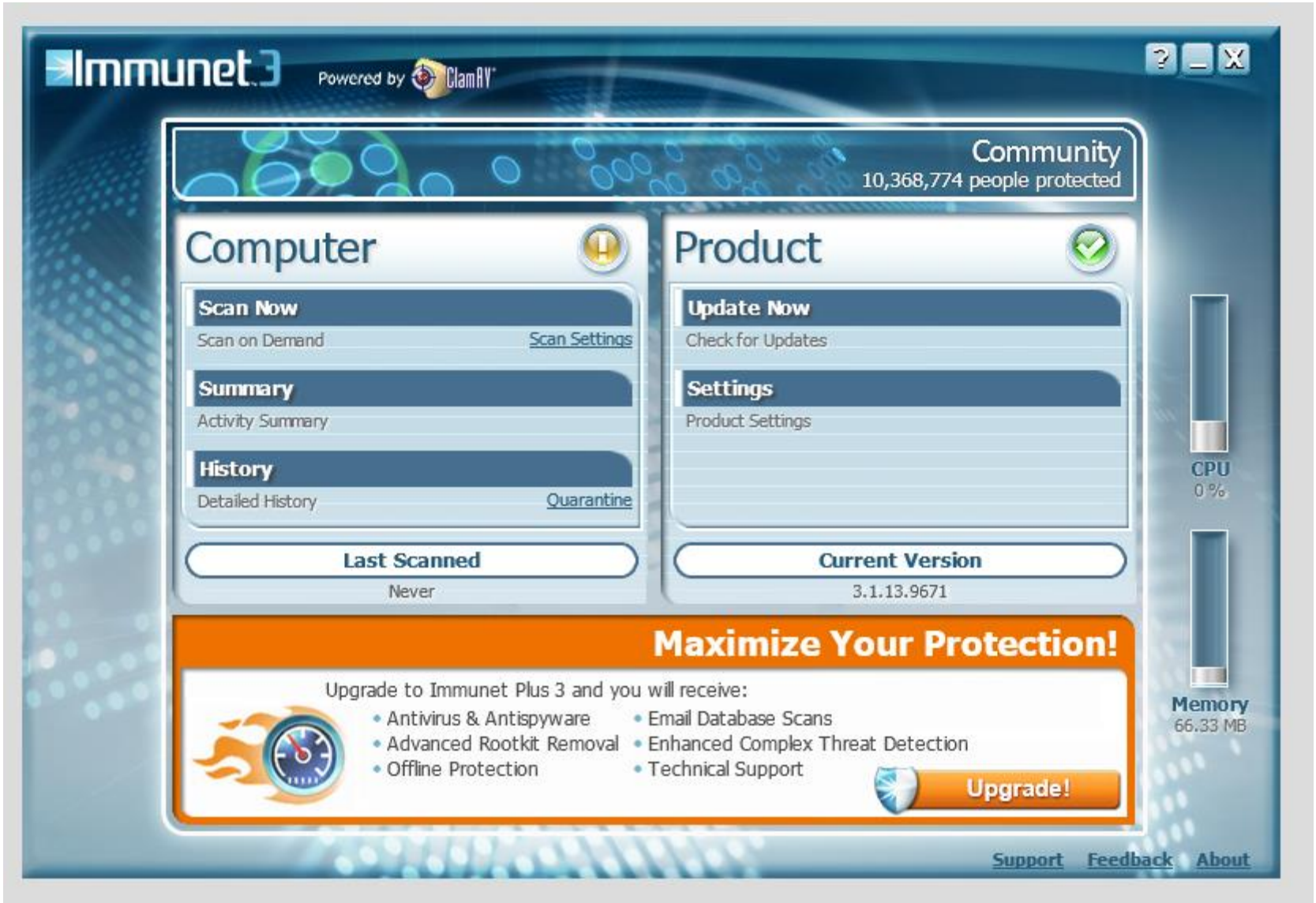
"IMMUNET FREE ANTIVIRUS" (continued)

- The "ClamAV" and "ClamSentinel" products will be retired in favor of "Immunet.." products according to https://github.com/vrtadmin/clamav-faq/blob/master/faq/faq-win32.md

Immunet 3
Powered by ClamAV
Community
10,368,774 people protected
Computer
Scan Now
Scan on Demand
Scan Settings
Summary
Activity Summary
History
Detailed History
Quarantine
Last Scanned
Never
Product
Update Now
Check for Updates
Settings
Product Settings
Current Version
3.1.13.9671
CPU
0 %
Memory
66.33 MB
Maximize Your Protection!
Upgrade to Immunet Plus 3 and you will receive:
• Antivirus & Antispyware
• Advanced Rootkit Removal
• Offline Protection
• Email Database Scans
• Enhanced Complex Threat Detection
• Technical Support
Upgrade!
Support
Feedback
About


12:50 AM
10/28/2014

Immunet 3


Immunet 3
Powered by ClamAV
Community
10,368,774 people protected
Computer
Scan Now
Scan on Demand
Scan Settings
Summary
Activity Summary
History
Detailed History
Quarantine
Last Scanned
Never
Product
Update Now
Check for Updates
Settings
Product Settings
Current Version
3.1.13.9671
CPU
0 %
Memory
66.33 MB
Maximize Your Protection!
Upgrade to Immunet Plus 3 and you will receive:
• Antivirus & Antispyware
• Advanced Rootkit Removal
• Offline Protection
• Email Database Scans
• Enhanced Complex Threat Detection
• Technical Support
Upgrade!
Support
Feedback
About

"IMMUNET FREE ANTIVIRUS" (continued)

- Based on the history of acquisitions by Cisco Systems, either they will make "Immunet Free Antivirus" a great world-class product or they will ditch it (like they ditched Linksys in 2013 after acquiring it in 2003).

"IMMUNET FREE ANTIVIRUS" (continued)

- The "Immunet End User License Agreement" is located at http://www.immunet.com/eula/index.html
  but a clarification allowing business use is available at https://github.com/vrtadmin/clamav-faq/blob/master/faq/faq-win32.md:

- Is Immunet free for commercial use?

Yup, Immunet is free for commercial use. Use it wherever you want to, home, office, servers, education facilities, non-profits, etc, etc. In fact the more places you installed it and the more systems it's running on, the better its community-based detection will perform.

"FORTICLIENT ENDPOINT PROTECTION":

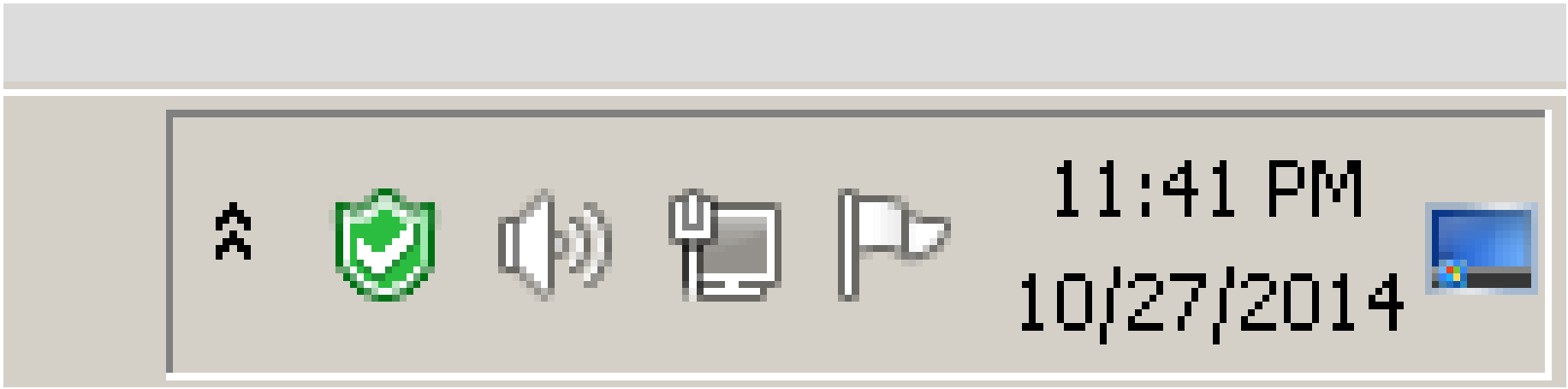
"FORTICLIENT ENDPOINT PROTECTION"

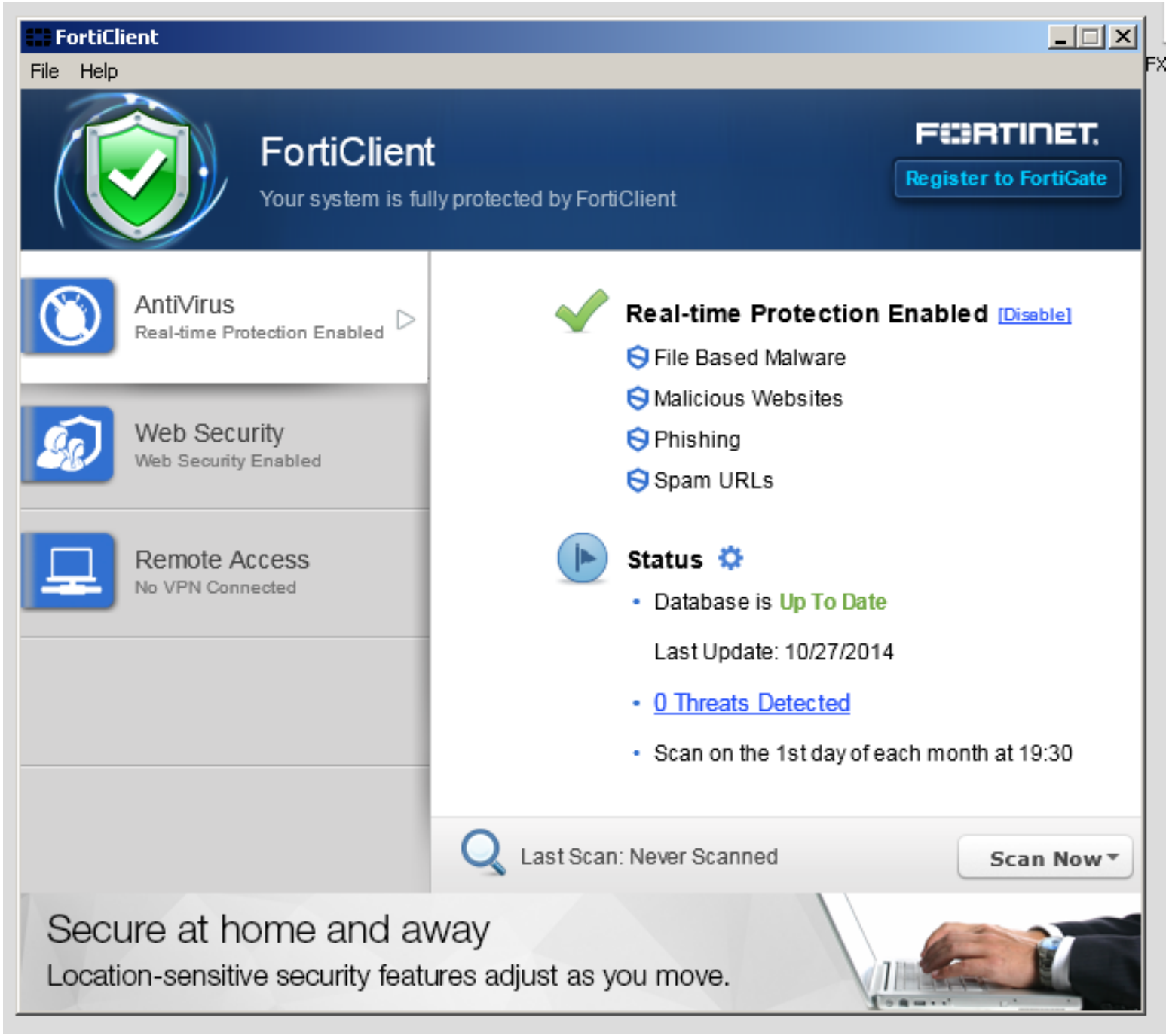
- 41 steps to install in a "Windows 7" computer
- "FortiClient Endpoint Protection" has no game mode but you can shut down the entire program by right clicking on the "Notification Area"(="System Tray") icon.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- There is only one version of "FortiClient": the big corporate and government entities, the non-profit organizations, and you all use the exact same version. The version that you use is feature-rich since one version has to meet everyone's needs.

FortiClient


11:41 PM
10/27/2014


FortiClient
File Help
FortiClient
Your system is fully protected by FortiClient
FORTINET
Register to FortiGate
AntiVirus
Real-time Protection Enabled
Web Security
Web Security Enabled
Remote Access
No VPN Connected
Real-time Protection Enabled [Disable]
File Based Malware
Malicious Websites
Phishing
Spam URLs
Status
Database is Up To Date
Last Update: 10/27/2014
0 Threats Detected
Scan on the 1st day of each month at 19:30
Last Scan: Never Scanned
Scan Now
Secure at home and away
Location-sensitive security features adjust as you move.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- There is only one version of "FortiClient": the big corporate and government entities, the non-profit organizations, and you all use the exact same version. The version that you use is feature-rich since one version has to meet everyone's needs.

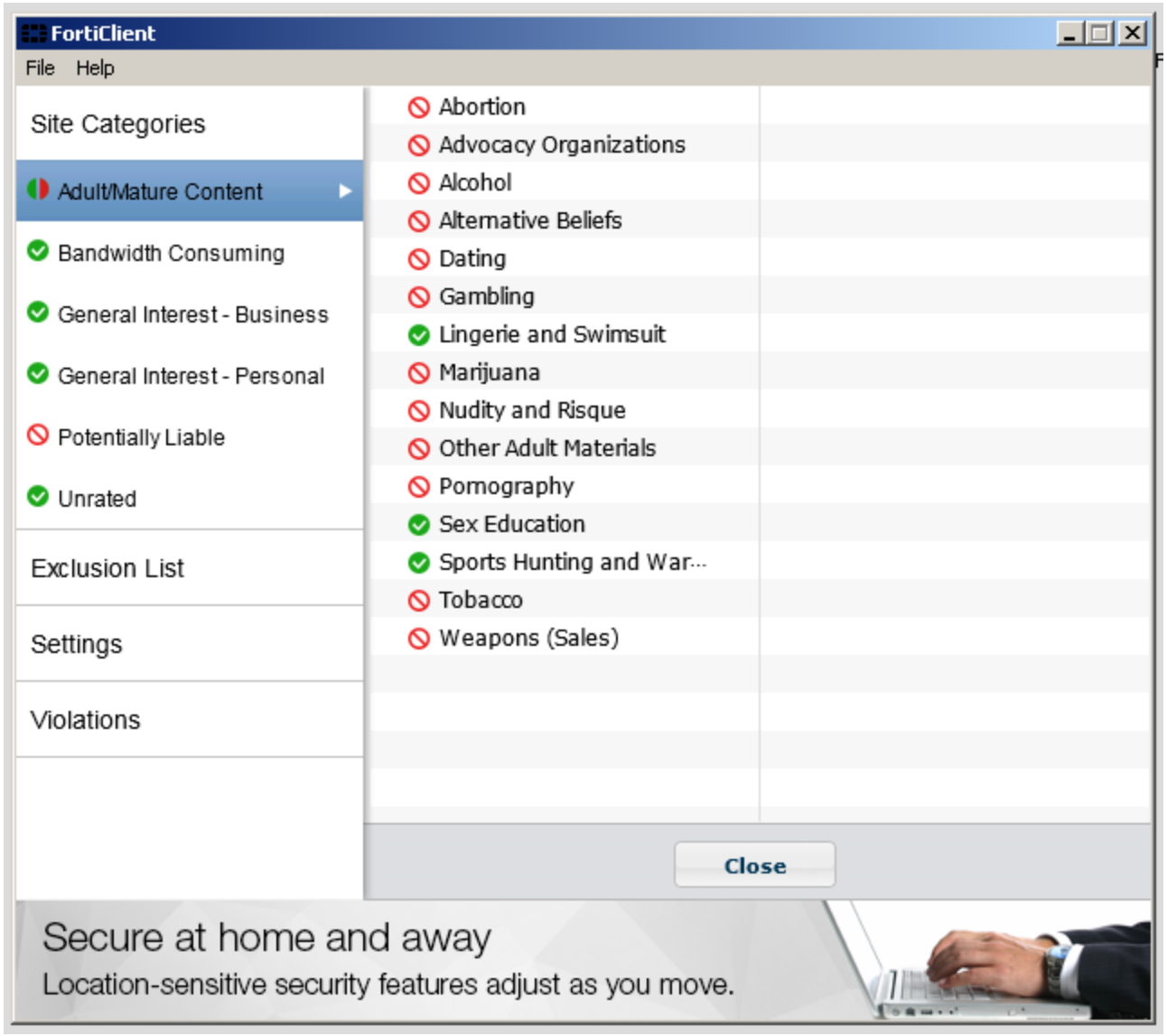
"FORTICLIENT ENDPOINT PROTECTION" (continued)

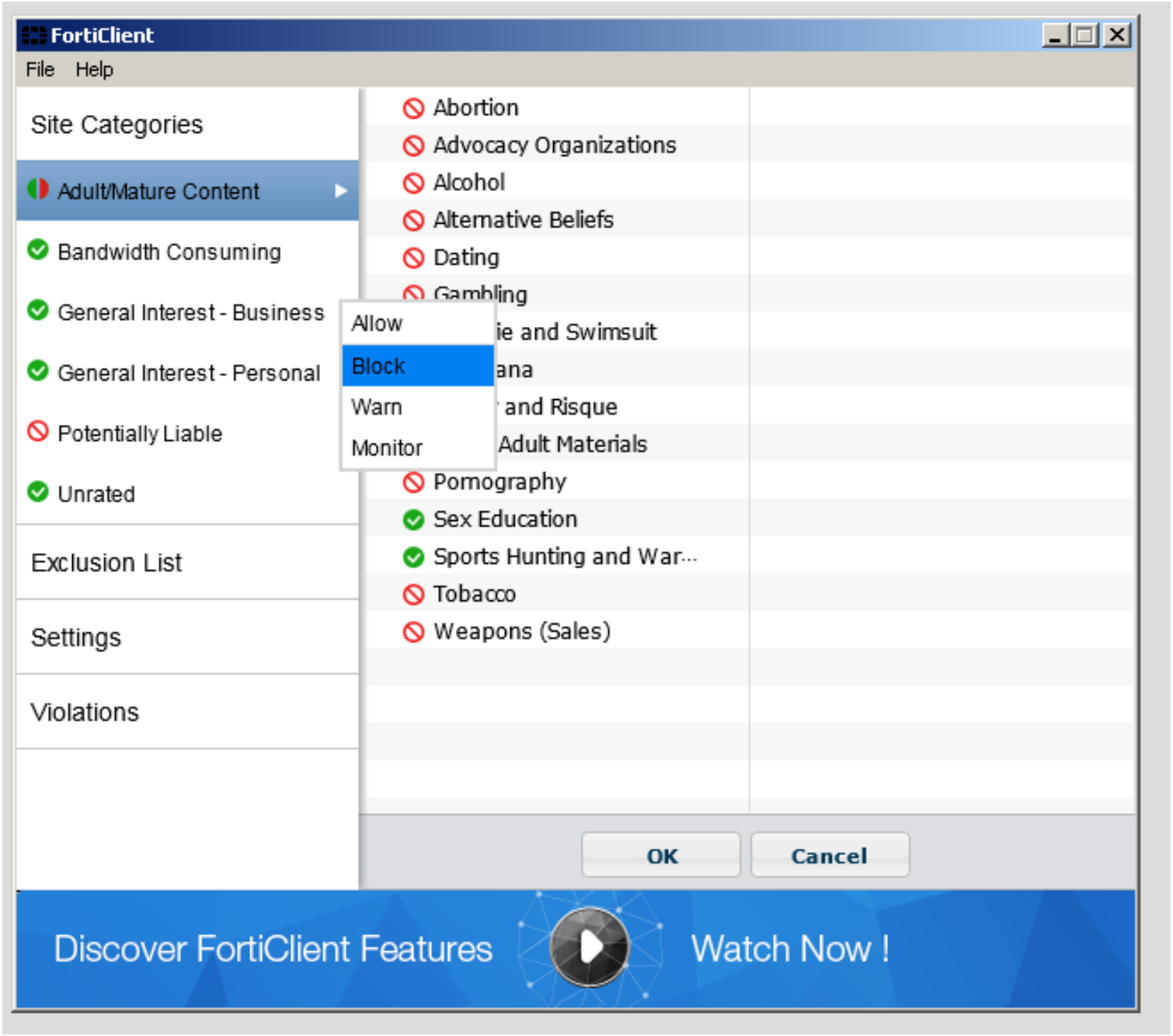
- There are several versions of "Avast!" and "Avira". The free "lite" versions of these products are purposely feature-challenged and you have limited granularity to the features that you can control.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- If you want to have control over the "categories" of Web sites that the end-user can visit, then "FortiClient" is your choice over "Avast.." and "Avira Free Antivirus": "FortiClient" blocks many "categories" of Web sites.

FortiClient
File Help
FortiClient
Your system is fully protected by FortiClient
FORTINET
Register to FortiGate
AntiVirus
Real-time Protection Enabled
Web Security
Web Security Enabled
Remote Access
No VPN Connected
Web Security Enabled [Disable]
0 Violations (In the Last 7 Days)
Protection by Site Category
Potentially Liable
Adult/Mature Content
Bandwidth Consuming
General Interest - Personal
General Interest - Business
Unrated
Show all...
Secure at home and away
Location-sensitive security features adjust as you move.


FortiClient
File
Help
Site Categories
Adult/Mature Content
Bandwidth Consuming
General Interest - Business
General Interest - Personal
Potentially Liable
Unrated
Exclusion List
Settings
Violations
Abortion
Advocacy Organizations
Alcohol
Alternative Beliefs
Dating
Gambling
Lingerie and Swimsuit
Marijuana
Nudity and Risque
Other Adult Materials
Pornography
Sex Education
Sports Hunting and War...
Tobacco
Weapons (Sales)
Close
Secure at home and away
Location-sensitive security features adjust as you move.


FortiClient
File
Help
Site Categories
Adult/Mature Content
Bandwidth Consuming
General Interest - Business
General Interest - Personal
Potentially Liable
Unrated
Exclusion List
Settings
Violations
Abortion
Advocacy Organizations
Alcohol
Alternative Beliefs
Dating
Gambling
ie and Swimsuit
ana
and Risque
Adult Materials
Pornography
Sex Education
Sports Hunting and War...
Tobacco
Weapons (Sales)
Allow
Block
Warn
Monitor
OK
Cancel
Discover FortiClient Features
Watch Now !

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- Only free antivirus that looks like a professional, high-end software product:
  No attempts to upsell you or promote other software products.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- If the "Web Security" function blocks too many of the Web sites that you are trying to visit, turn it off or learn to configure the "Web Security" function's "Exclusion List" to unblock specific Web sites.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- The "Web Security" configuration screens of "FortiClient" give you massive control over what types of Web sites, that the end user of your computer can visit. On the other hand, the default "Web Security" settings block so many Web sites that it may cause confusion for new computer users.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- No registration required
- No marketing emails

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- The "Fortinet Product License Agreement" that is displayed during the installation of "FortiClient.." can also be read at http://free.pdf5.net/f/fortinet-product-license-agreement-eula-on,-or-integrated-with-w1602.html

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- See also http://www.fortinet.com/sites/default/files/productdatasheets/FortiClient.pdf:

Standalone Protection

FortiClient doesn't stop there. The free client download can run in an unregistered mode, delivering a comprehensive solution to devices that aren't associated with a FortiGate secured network. Moving to a registered solution is a simple process, not requiring any additional client installation.

"FORTICLIENT ENDPOINT PROTECTION" (continued)

- See also http://www.fortinet.com/sites/default/files/productdatasheets/FortiClient.pdf:

"COMODO ANTIVIRUS"

- 99 steps to install into a "Windows 7" computer
- Both the "Windows.." version and the Apple Mac "OS X" versions of "Comodo Antivirus" have "Game Mode"

"COMODO ANTIVIRUS" (continued)

- "Comodo Antivirus" can be used for free by any small business, corporation, school, government entity, non-profit organization, charity, or church, as stated at https://www.comodo.com/repository/eula/EULA-CISv5_4.pdf

Comodo Security Software. Comodo Internet Security (CIS) may be used royalty-free for both commercial and personal use. CIS includes the Comodo Firewall and Antivirus products. No technical or customer support is provided for CIS separate from the Products described in section 2.5. Installation of CIS may include installation of additional Products. Use of these Products may be disabled until you pay for the Products.

"COMODO ANTIVIRUS" (continued)

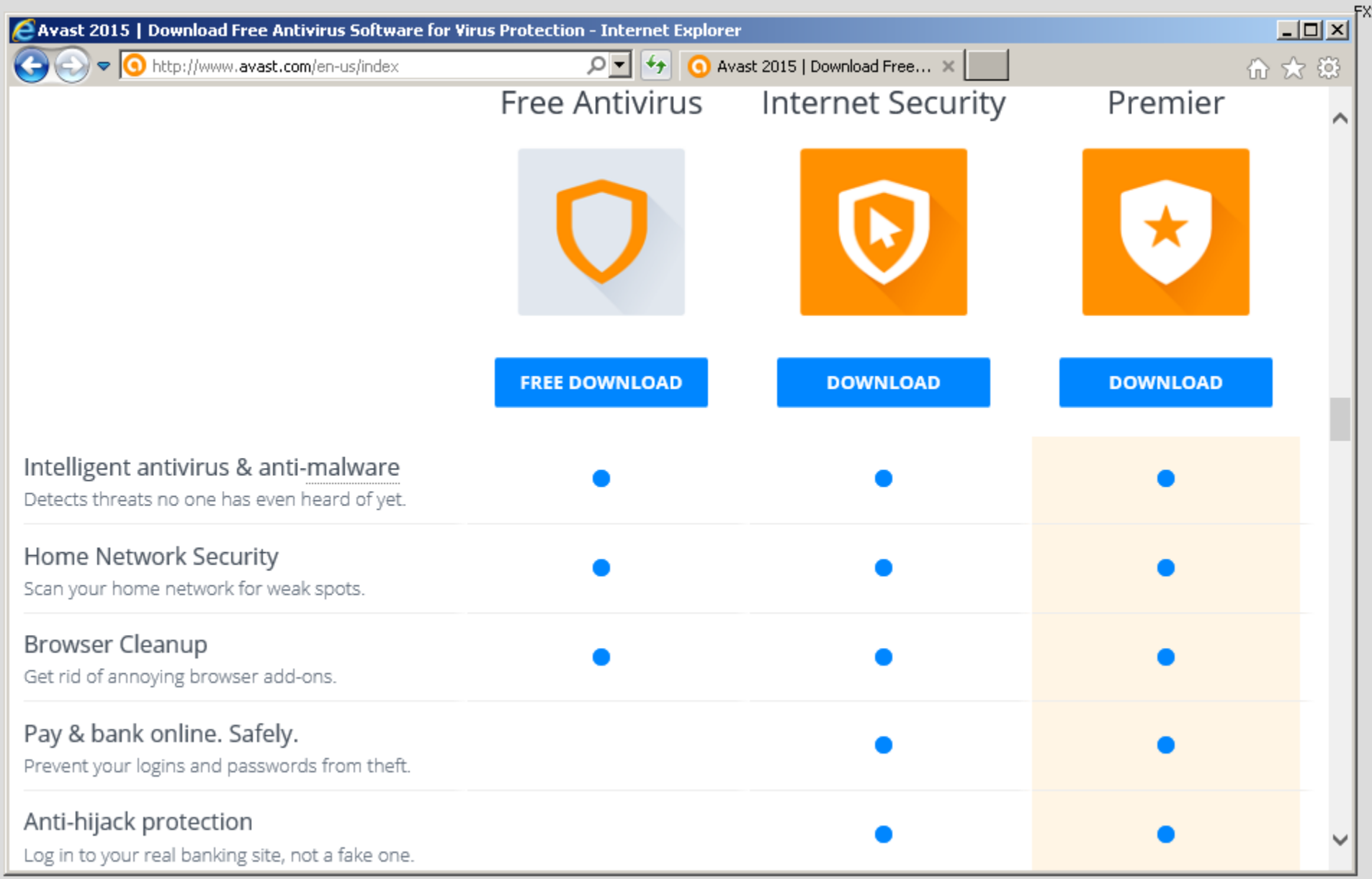
- When you install "Comodo Antivirus", you are required to also install "GeekBuddy" and "Comodo Dragon".
- You can remove these additional software programs after the installation of "Comodo Antivirus" is finished.

"COMODO ANTIVIRUS" (continued)

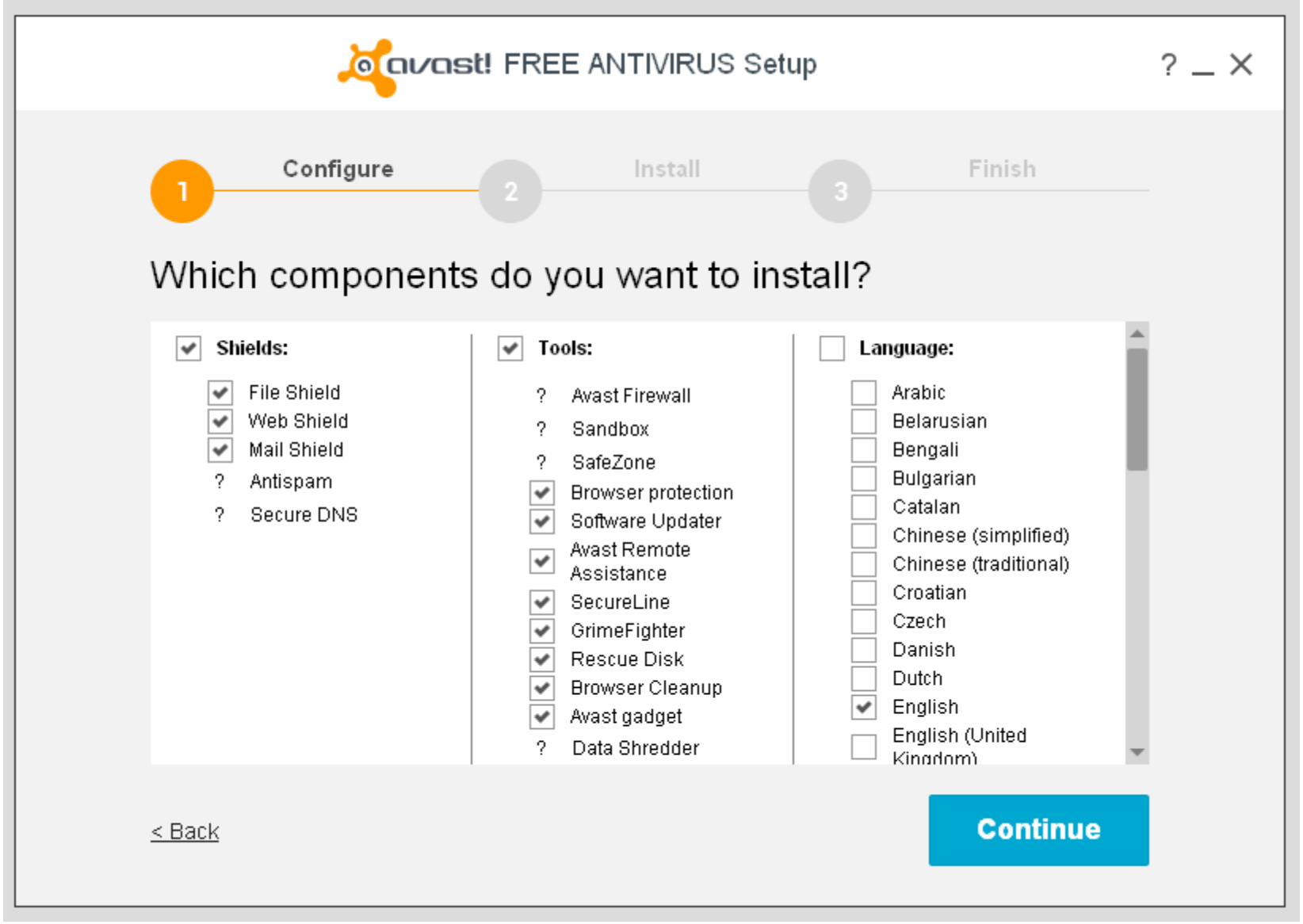
- "Comodo Dragon" is a Web browser that is based on "Chromium". See http://en.wikipedia.org/wiki/Comodo_Dragon
- "GeekBuddy" is a PC support service with pricing located at http://www.geekbuddy.com

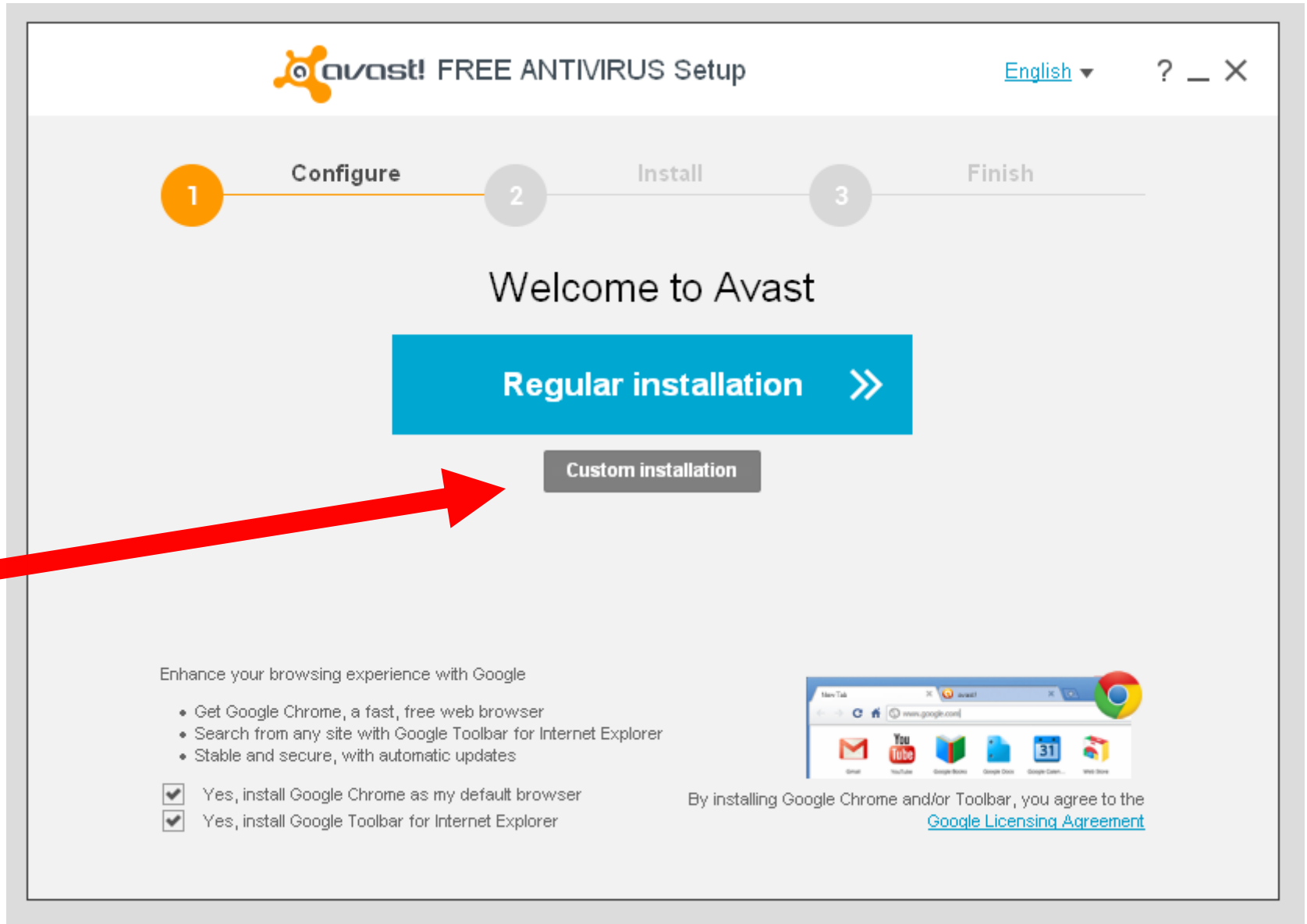
"AVAST! FREE ANTIVIRUS

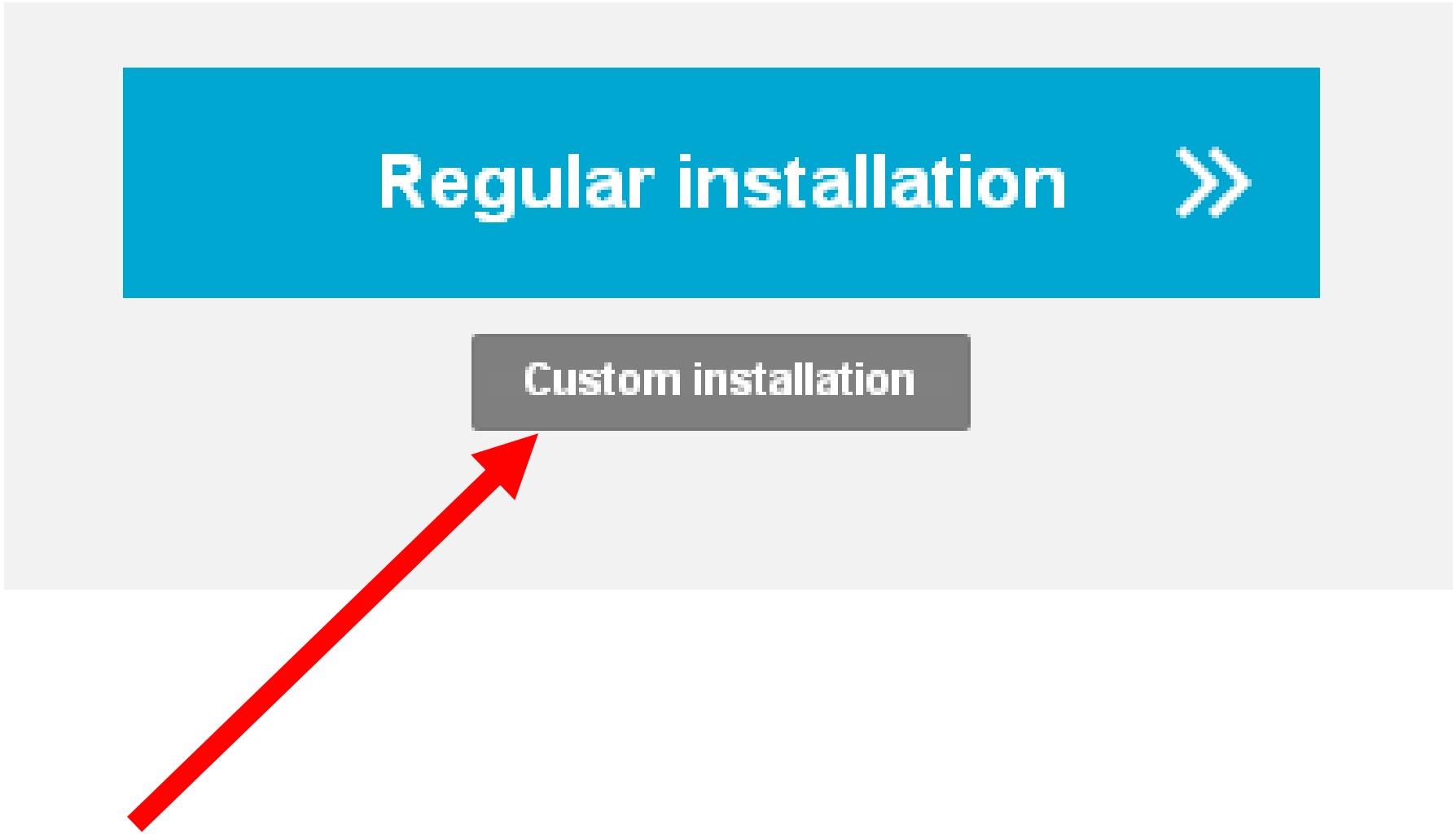
- 120 steps to install into a "Windows 7" computer.
- The "Windows.." version of "Avast! Free Antivirus" has a "gaming mode" which suppresses all popup notifications which is great for games and APCUG volunteers making presentations.

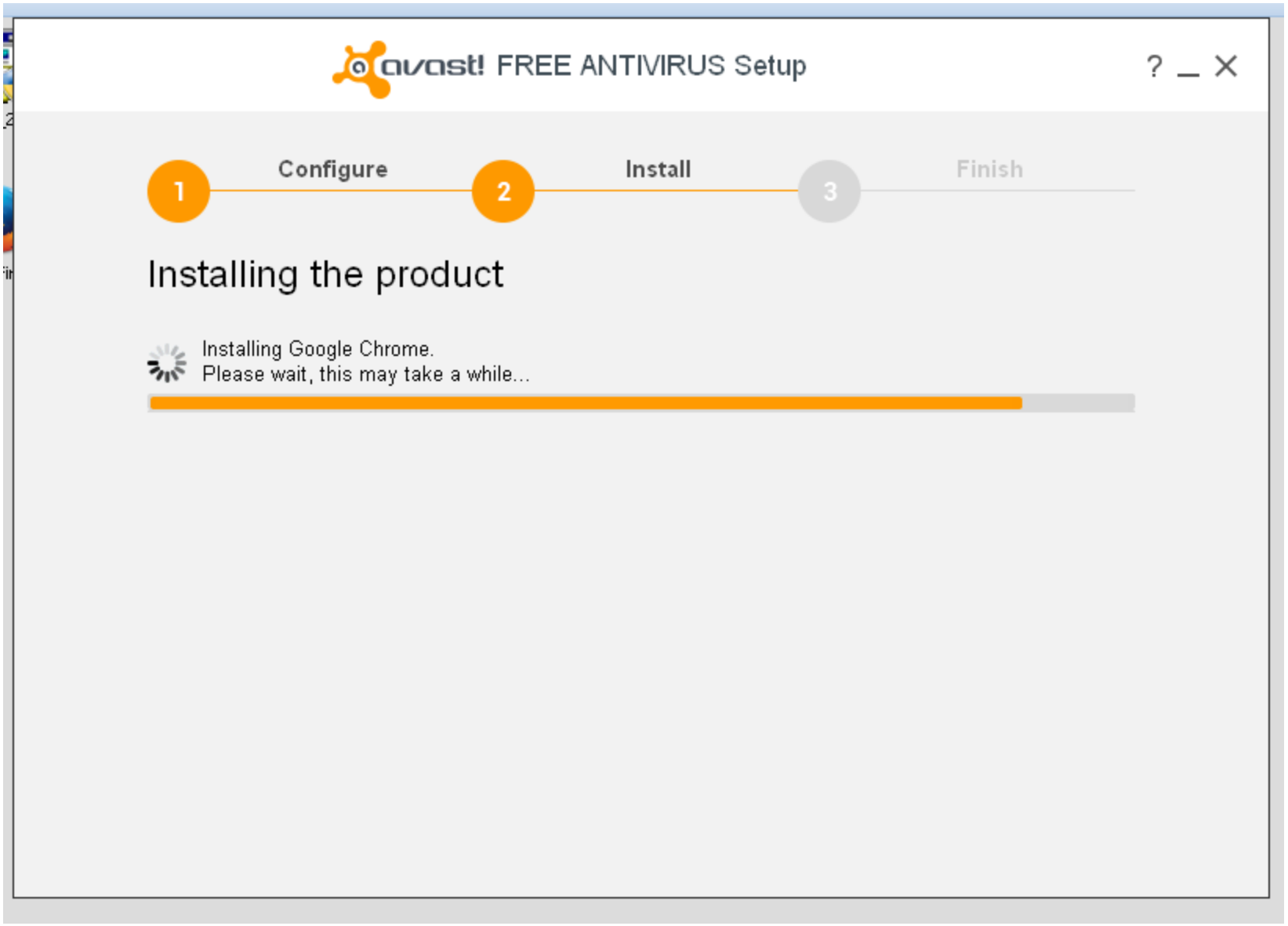

Avast 2015 | Download Free Antivirus Software for Virus Protection - Internet Explorer
http://www.avast.com/en-us/index
Avast 2015 | Download Free...
Free Antivirus
Internet Security
Premier
FREE DOWNLOAD
DOWNLOAD
DOWNLOAD
Intelligent antivirus & anti-malware
Detects threats no one has even heard of yet.
Home Network Security
Scan your home network for weak spots.
Browser Cleanup
Get rid of annoying browser add-ons.
Pay & bank online. Safely.
Prevent your logins and passwords from theft.
Anti-hijack protection
Log in to your real banking site, not a fake one.

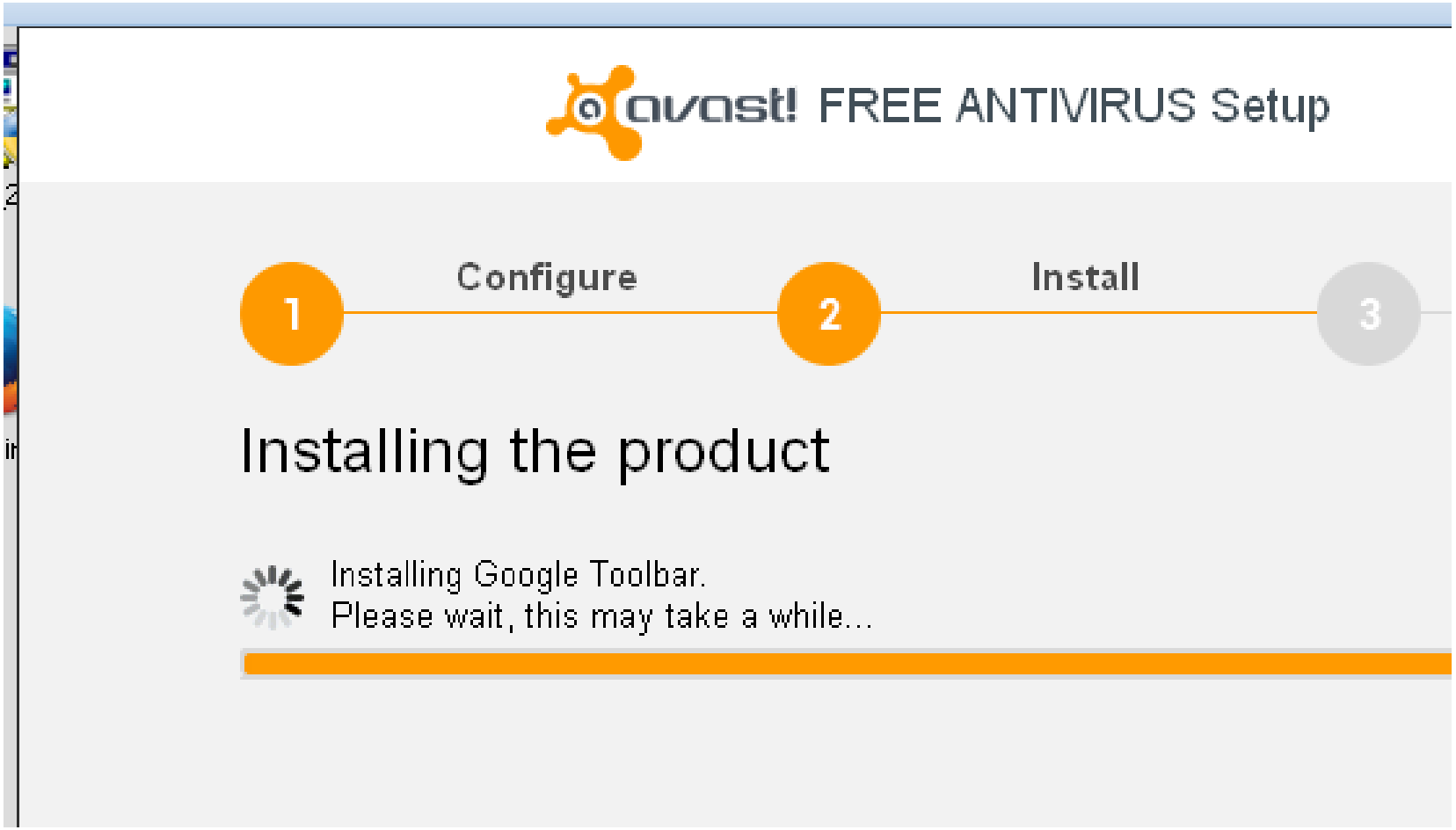
Welcome Avast Free Antivirus 2015 users - Internet Explorer
http://download.cnet.com/Avast-Free-Antivirus-2014/3000-2
Welcome Avast Free Antiviru...
CNET • REVIEWS • NEWS • DOWNLOAD • CNET TV • HOW TO • DEALS
LOGIN
Download.com
Powered by cnet
Ad: 4 lines for $100 + Note 4
Search Download
Windows
Mac
iOS
Android
Home › Windows Software › Security Software › Antivirus Software › Avast Free Antivirus 2015
Welcome Avast Free Antivirus 2015 users
To complete your download, click on the link below
English
Download Now
Quick Specs
Product ranking:
#1 in Antivirus Software
Version:
2015.10.0.2206
Total Downloads:
331,281,848
Date Added:
Special Offer
Avast Internet Security 2015
Your all-inclusive protection
Avast Internet Security 2015
This website wants to install the following add-on: 'Adobe Flash Player' from 'Adobe Systems Incorporated'.
What's the risk?
Install


avast! FREE ANTIVIRUS Setup
Configure
Install
Finish
Which components do you want to install?
Shields:
File Shield
Web Shield
Mail Shield
Antispam
Secure DNS
Tools:
Avast Firewall
Sandbox
SafeZone
Browser protection
Software Updater
Avast Remote Assistance
SecureLine
GrimeFighter
Rescue Disk
Browser Cleanup
Avast gadget
Data Shredder
Language:
Arabic
Belarusian
Bengali
Bulgarian
Catalan
Chinese (simplified)
Chinese (traditional)
Croatian
Czech
Danish
Dutch
English
English (United Kingdom)
< Back
Continue


avast! FREE ANTIVIRUS Setup
English
Configure
Install
Finish
Welcome to Avast
Regular installation
Custom installation
Enhance your browsing experience with Google
Get Google Chrome, a fast, free web browser
Search from any site with Google Toolbar for Internet Explorer
Stable and secure, with automatic updates
Yes, install Google Chrome as my default browser
Yes, install Google Toolbar for Internet Explorer
By installing Google Chrome and/or Toolbar, you agree to the
Google Licensing Agreement


Regular installation
Custom installation


avast! FREE ANTIVIRUS Setup
Configure
Install
Finish
Installing the product
Installing Google Chrome.
Please wait, this may take a while...


avast! FREE ANTIVIRUS Setup
1
Configure
2
Install
3
Installing the product
Installing Google Toolbar.
Please wait, this may take a while...

"AVAST! FREE ANTIVIRUS (continued)

- The Apple Mac "OS X" version of "Avast! Free Antivirus" has no "gaming mode" but you can turn off the "File System Shield" during gaming.

"AVAST! FREE ANTIVIRUS (continued)

- When you install "Avast! Free Antivirus", it also installs "Google Chrome" browser, "Avast Online Security" extension for "Google Chrome" browser, and "Google Toolbar For Internet Explorer" without giving you a way to reject them.

"AVAST! FREE ANTIVIRUS (continued)

- After the installation of "Avast! Free Antivirus" is finished, you might wish to uninstall the three riders: "Google Chrome" browser and "Google Toolbar for Internet Explorer"
  can be uninstalled from inside "Add or Remove Software" or "Programs and Features" inside the Windows.. "Control Panel".

"AVAST! FREE ANTIVIRUS (continued)

- "Avast! Free Antivirus" can by used for "private, non-commercial purposes" or by "an education establishment" or by a "public library" as described at http://files.avast.com/files/legal/eula-avast-free-2015.pdf:

2. Permitted Use of the Software

You may install and use the Software on an unlimited number of computers. The Software must be used exclusively 1) by you as an individual or members of your household solely for private non-commercial purposes or 2) by you as an educational establishment in the U.S.A. (public or non-profit educational institution/education organization - includes grades K-12 and higher, vocational/trade schools, head start programs or other entities with educational purposes under 501(c) of the IRS Publication 557 - Organization Reference Chart section) solely for your internal non-commercial purposes or 3) by you as a public library in the U.S.A. solely for your internal non-commercial purposes (whereas U.S.A. includes all 50 states, the District of Columbia, and the territories of American Samoa, Guam, Marianas, Puerto Rico, and the U.S. Virgin Islands) or 4) for internal support to you as a sole proprietorship or les très petites entreprises (TPE) with registered office in France. You may also make appropriate number of the backup copies of the Software but not more than ten.

"AVAST! FREE ANTIVIRUS (continued)

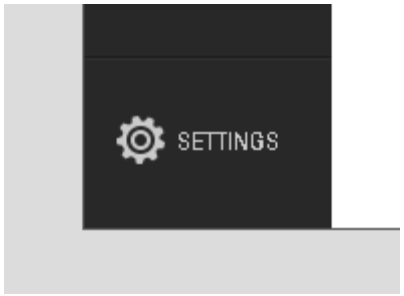
- If you install "Avast! Free Antivirus" into a "Windows XP" computer, you can get updates and virus signatures for "Avast.." for at least three more years! (until approximately April 8, 2017).

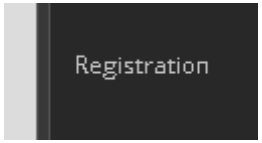
"AVAST! ANTIVIRUS" (continued)

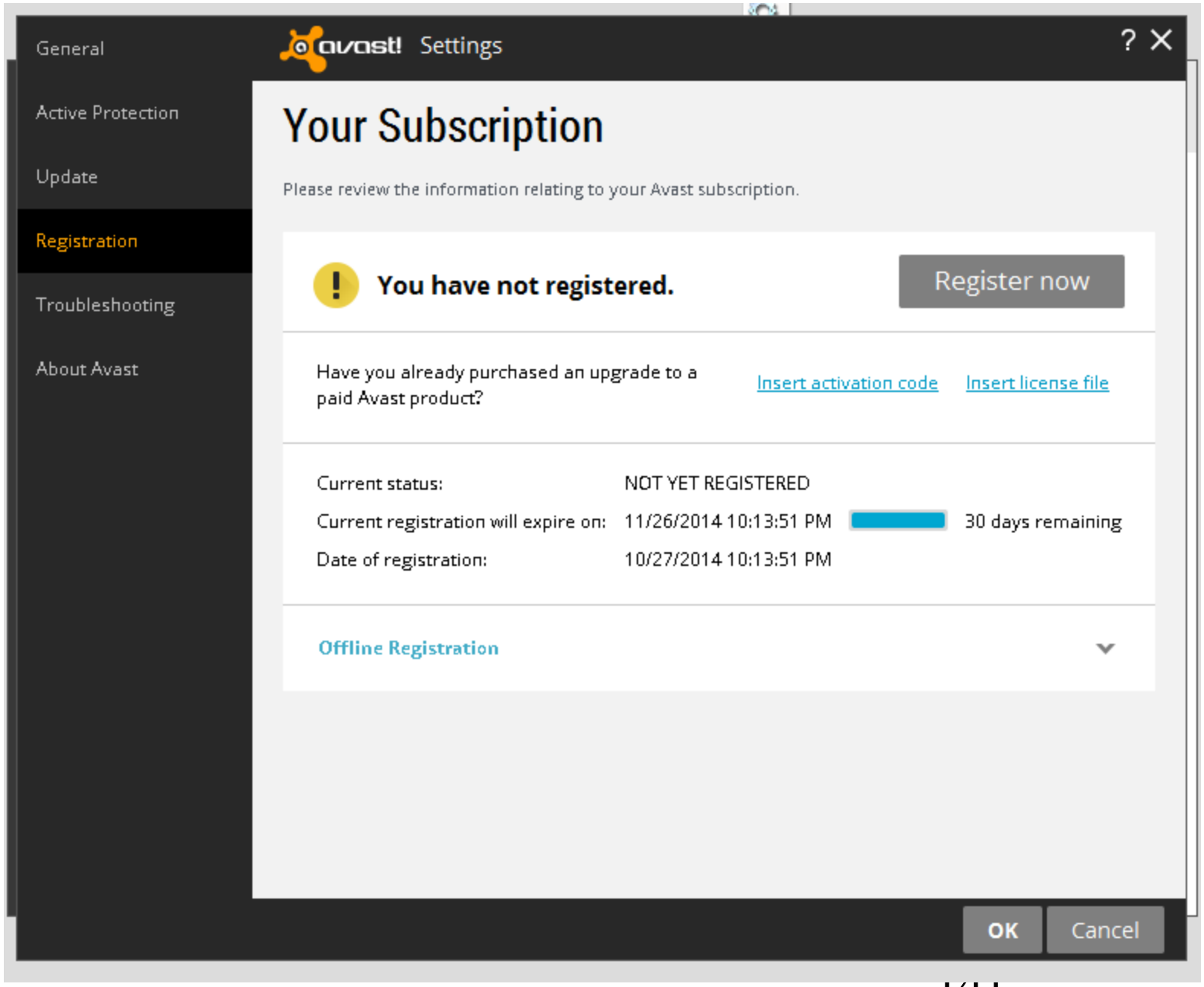
- Default Initial Registration Period of 30 Days! Two ways to do it: http://www.avast.com/faq.php?article=AVKB9
- Default 12-month Registration for 12 months: Requires That You Give Them Your Email Address (And Get Marketing Emails)

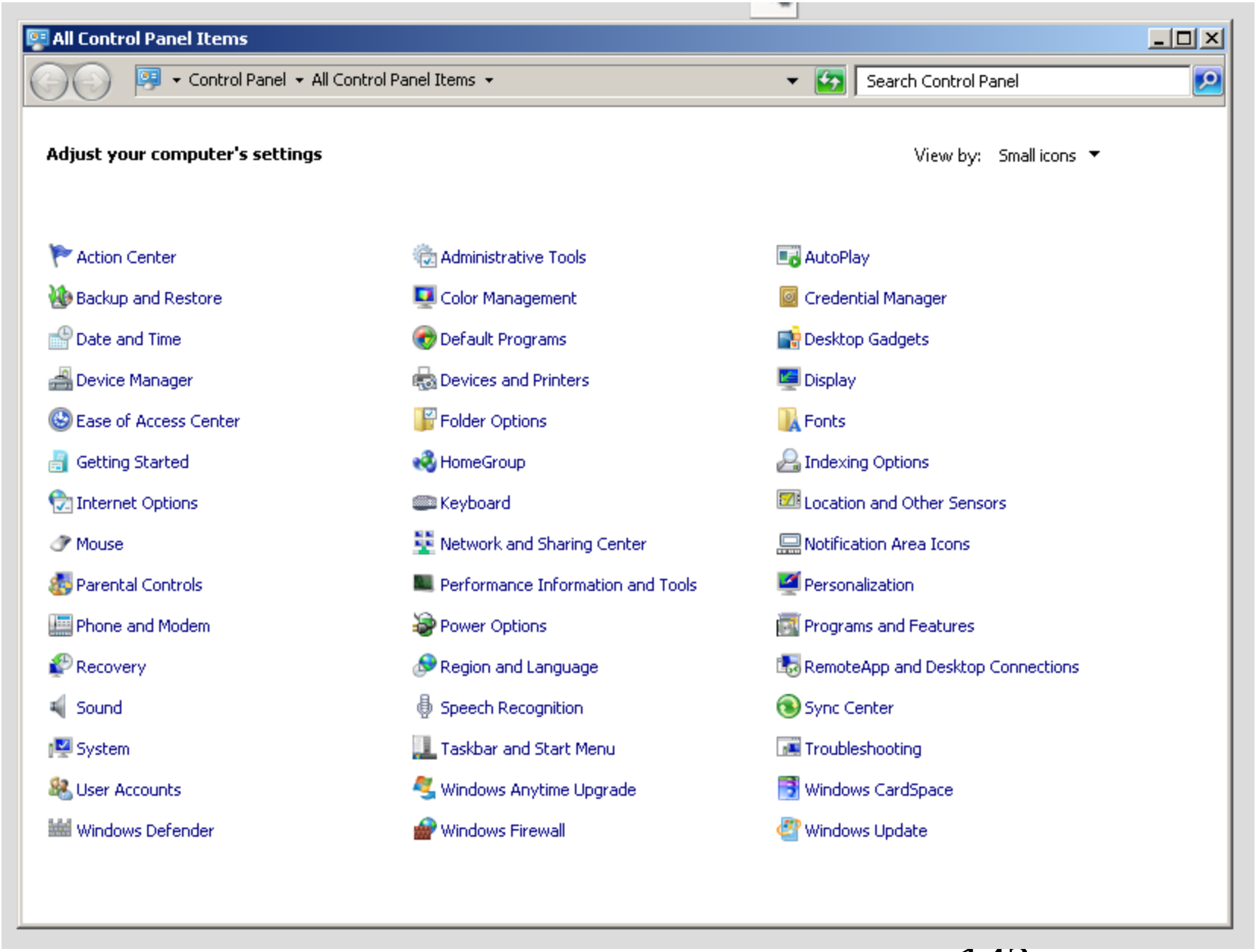
"AVAST! ANTIVIRUS" (continued)

- You can get a 12-Month Registration Without Giving Them Your Email Address By Doing The Following:
  Download and install the free version of "Avast! Antivirus
  Go to the Windows "Control Panel"
  Double-click on "Add or Remove Programs" or "Programs and Features"
  Use the RIGHT mouse button to click on "Avast! Antivirus".
  Click on "Uninstall", etc.


SETTINGS


Registration

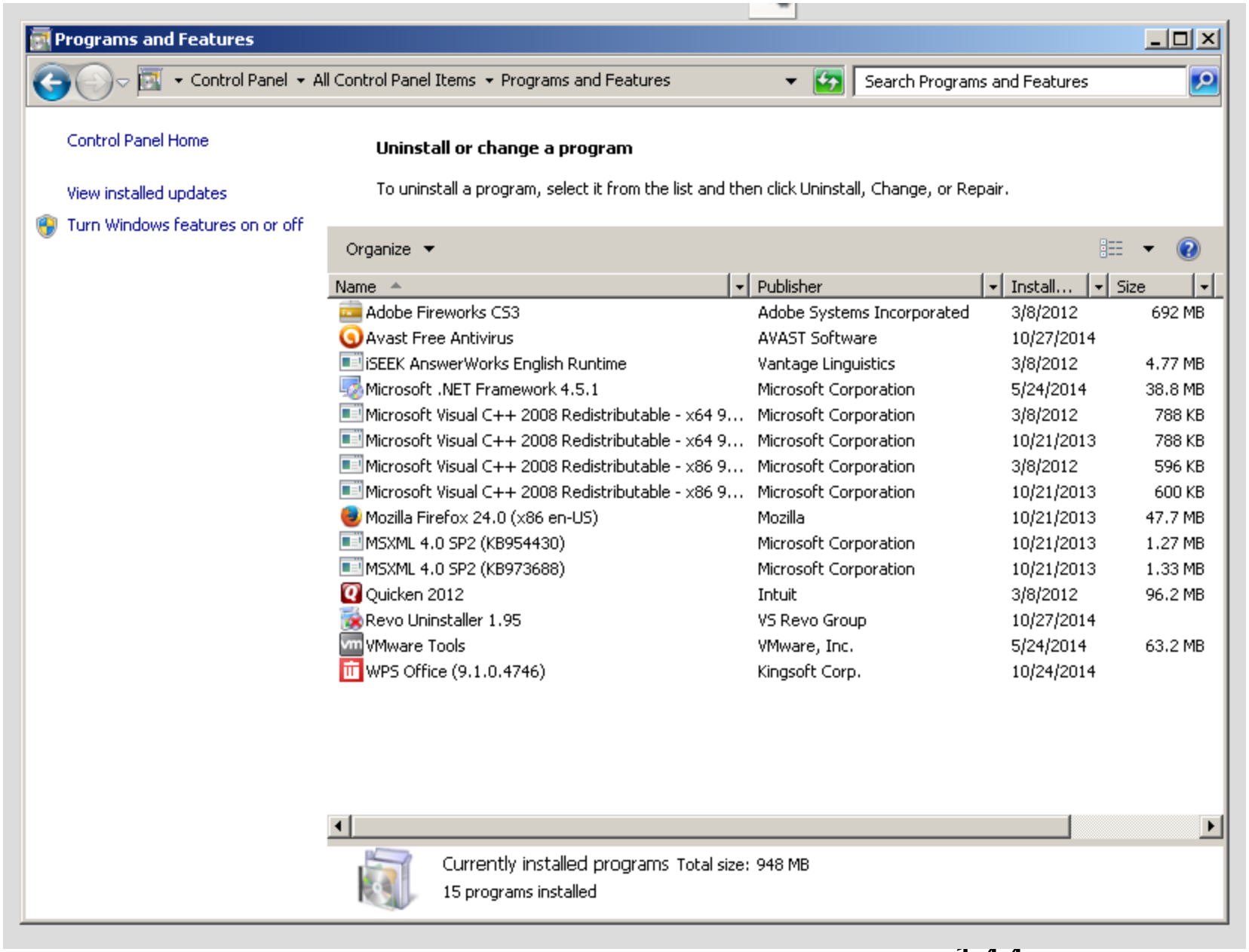

General
Active Protection
Update
Registration
Troubleshooting
About Avast
avast! Settings
Your Subscription
Please review the information relating to your Avast subscription.
You have not registered.
Register now
Have you already purchased an upgrade to a paid Avast product?
Insert activation code
Insert license file
Current status: NOT YET REGISTERED
Current registration will expire on: 11/26/2014 10:13:51 PM
30 days remaining
Date of registration: 10/27/2014 10:13:51 PM
Offline Registration
OK
Cancel

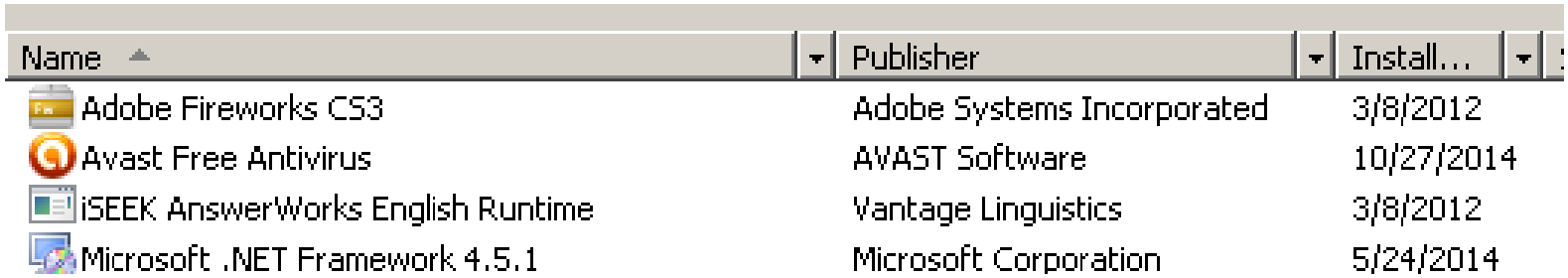

All Control Panel Items
Control Panel ▸ All Control Panel Items ▸
Search Control Panel
Adjust your computer's settings
View by: Small icons
Action Center
Administrative Tools
AutoPlay
Backup and Restore
Color Management
Credential Manager
Date and Time
Default Programs
Desktop Gadgets
Device Manager
Devices and Printers
Display
Ease of Access Center
Folder Options
Fonts
Getting Started
HomeGroup
Indexing Options
Internet Options
Keyboard
Location and Other Sensors
Mouse
Network and Sharing Center
Notification Area Icons
Parental Controls
Performance Information and Tools
Personalization
Phone and Modem
Power Options
Programs and Features
Recovery
Region and Language
RemoteApp and Desktop Connections
Sound
Speech Recognition
Sync Center
System
Taskbar and Start Menu
Troubleshooting
User Accounts
Windows Anytime Upgrade
Windows CardSpace
Windows Defender
Windows Firewall
Windows Update

Personalization

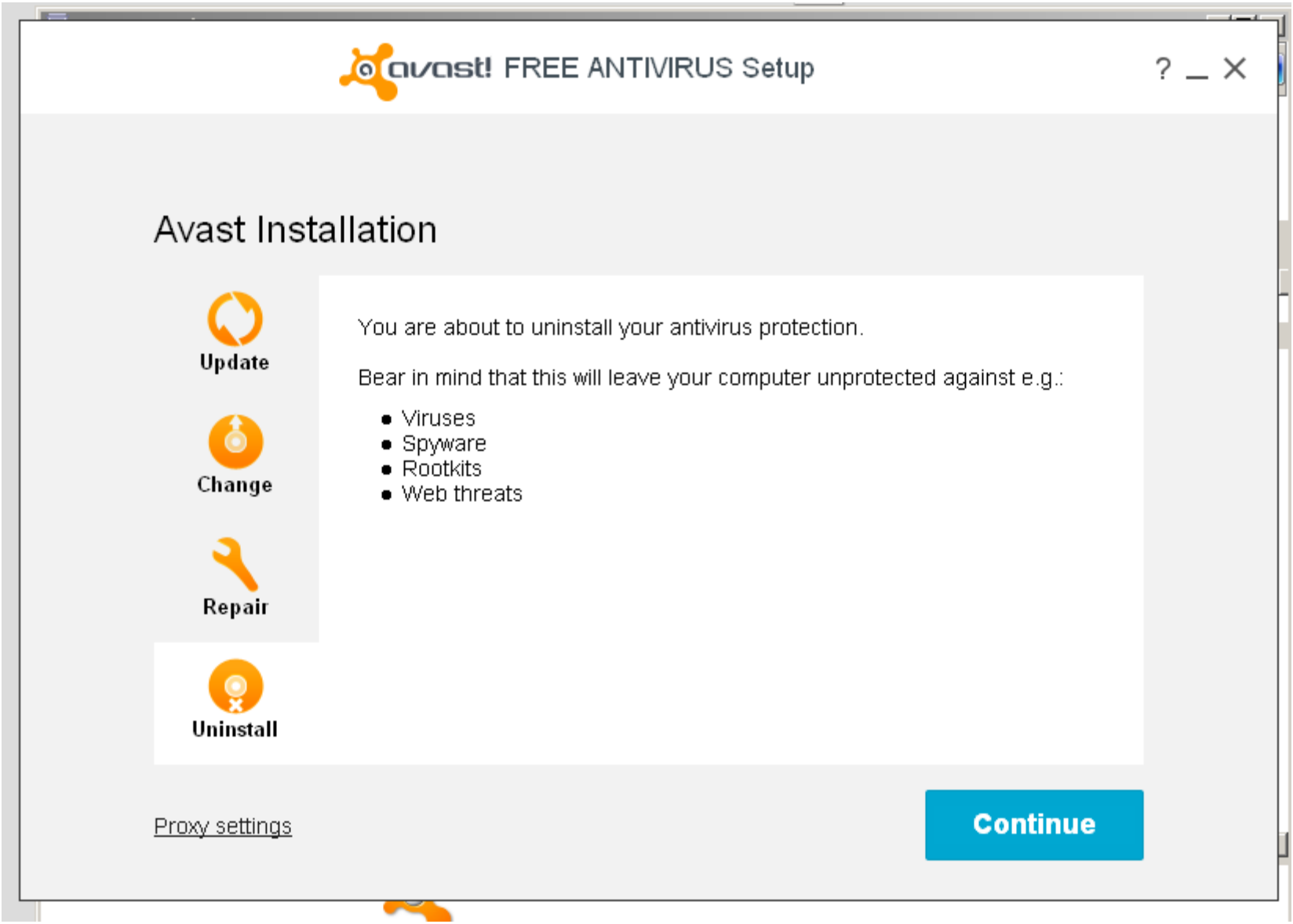
Programs and Features

RemoteApp and Desktop Connections


Programs and Features
Control Panel ▸ All Control Panel Items ▸ Programs and Features
Search Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Uninstall or change a program
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.
Organize
Name
Publisher
Install...
Size
Adobe Fireworks CS3 Adobe Systems Incorporated 3/8/2012 692 MB
Avast Free Antivirus AVAST Software 10/27/2014
iSEEK AnswerWorks English Runtime Vantage Linguistics 3/8/2012 4.77 MB
Microsoft .NET Framework 4.5.1 Microsoft Corporation 5/24/2014 38.8 MB
Microsoft Visual C++ 2008 Redistributable - x64 9... Microsoft Corporation 3/8/2012 788 KB
Microsoft Visual C++ 2008 Redistributable - x64 9... Microsoft Corporation 10/21/2013 788 KB
Microsoft Visual C++ 2008 Redistributable - x86 9... Microsoft Corporation 3/8/2012 596 KB
Microsoft Visual C++ 2008 Redistributable - x86 9... Microsoft Corporation 10/21/2013 600 KB
Mozilla Firefox 24.0 (x86 en-US) Mozilla 10/21/2013 47.7 MB
MSXML 4.0 SP2 (KB954430) Microsoft Corporation 10/21/2013 1.27 MB
MSXML 4.0 SP2 (KB973688) Microsoft Corporation 10/21/2013 1.33 MB
Quicken 2012 Intuit 3/8/2012 96.2 MB
Revo Uninstaller 1.95 VS Revo Group 10/27/2014
VMware Tools VMware, Inc. 5/24/2014 63.2 MB
WPS Office (9.1.0.4746) Kingsoft Corp. 10/24/2014
Currently installed programs Total size: 948 MB
15 programs installed



Name	Publisher	Install...
Adobe Fireworks CS3	Adobe Systems Incorporated	3/8/2012
Avast Free Antivirus	AVAST Software	10/27/2014
iSEEK AnswerWorks English Runtime	Vantage Linguistics	3/8/2012
Microsoft .NET Framework 4.5.1	Microsoft Corporation	5/24/2014

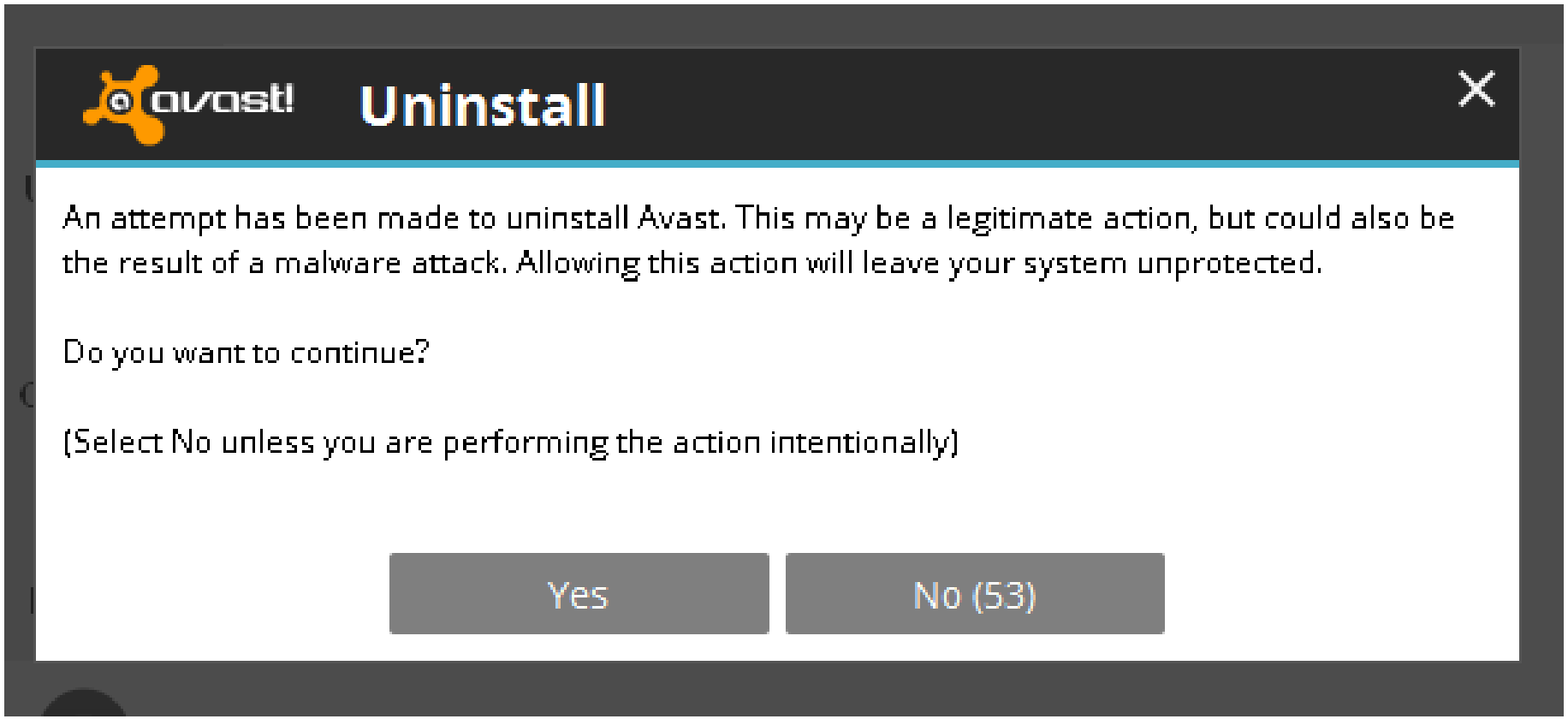

avast! FREE ANTIVIRUS Setup
Avast Installation
Update
Change
Repair
Uninstall
You are about to uninstall your antivirus protection.
Bear in mind that this will leave your computer unprotected against e.g.:
Viruses
Spyware
Rootkits
Web threats
Proxy settings
Continue

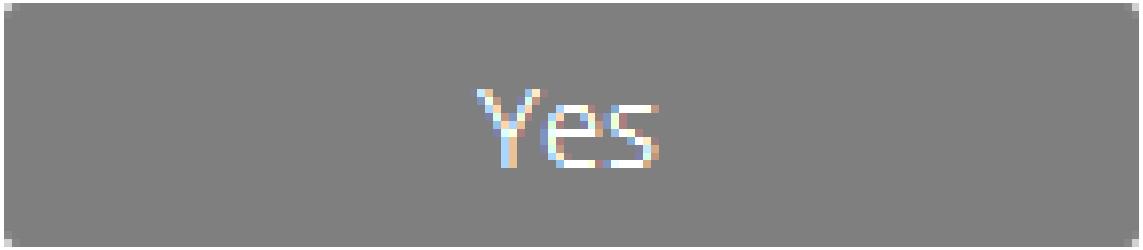
Bear in mind that this will leave your computer unprotected against e.g.:

- Viruses
- Spyware
- Rootkits
- Web threats

Continue

Continue


avast!
Uninstall
An attempt has been made to uninstall Avast. This may be a legitimate action, but could also be the result of a malware attack. Allowing this action will leave your system unprotected.
Do you want to continue?
(Select No unless you are performing the action intentionally)
Yes
No (53)


Yes

Avast Free Antivirus

Renew your Avast for FREE without registering

No expiration warnings
Your antivirus is renewed for 1 year

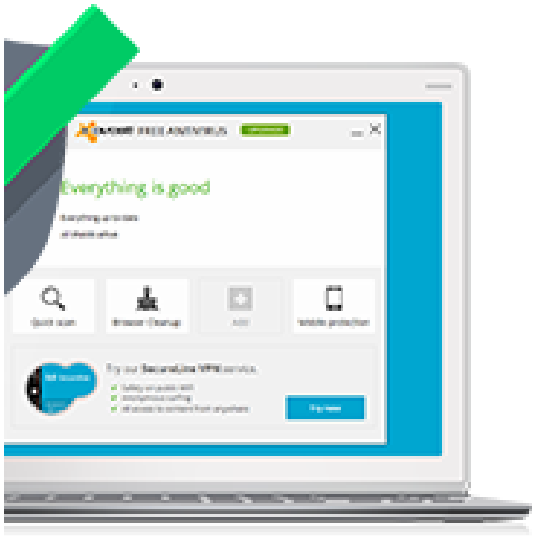
No registration required
Use our product anonymously

Keep the most popular Antivirus
Protecting over 220 million people

Renew your Avast Free Antivirus

Cancel Uninstall | Uninstall Avast

Renew your Avast for FREE without registering



No expiration warnings

Your antivirus is renewed for 1 year

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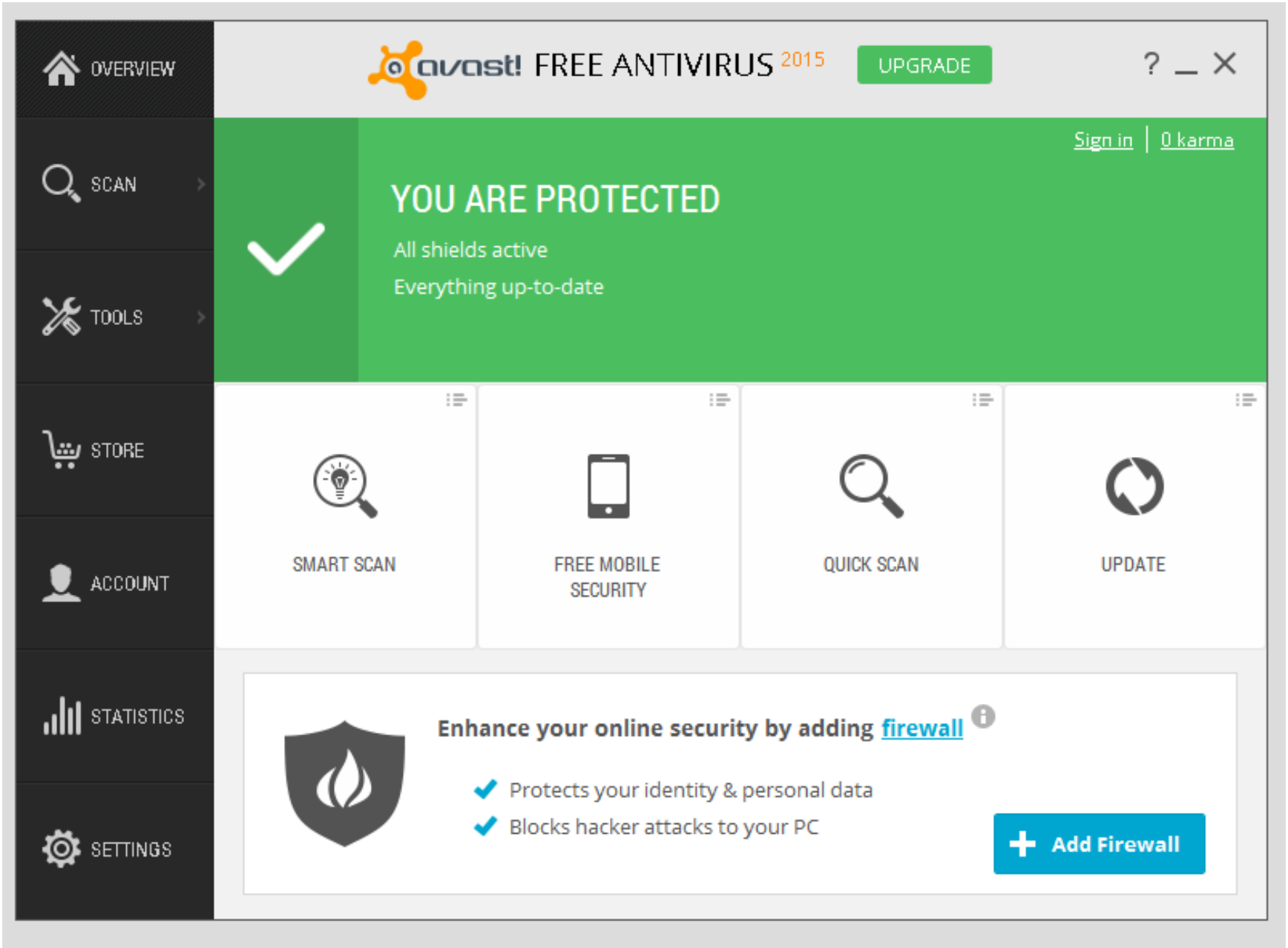
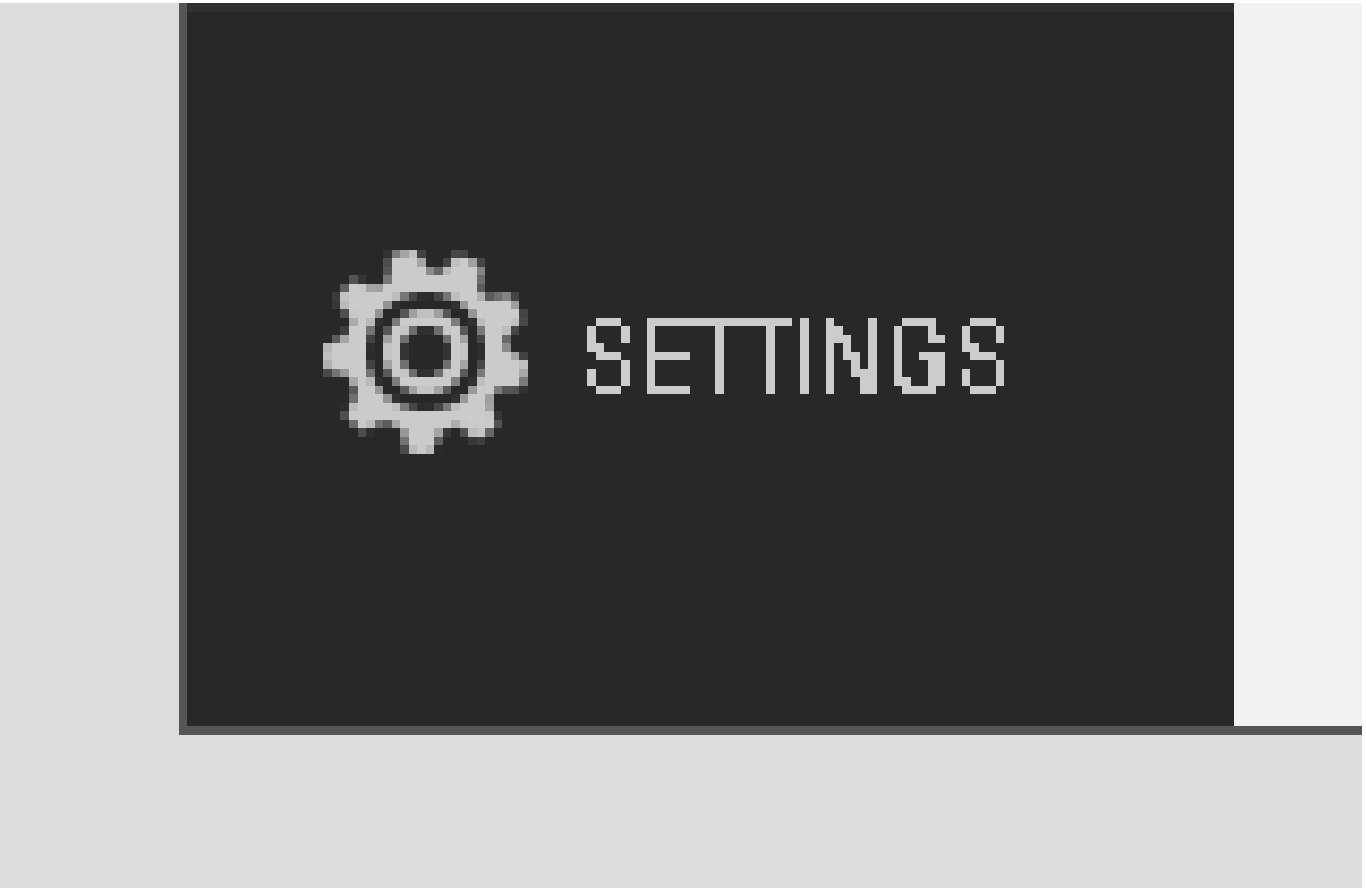
Use our product anonymously

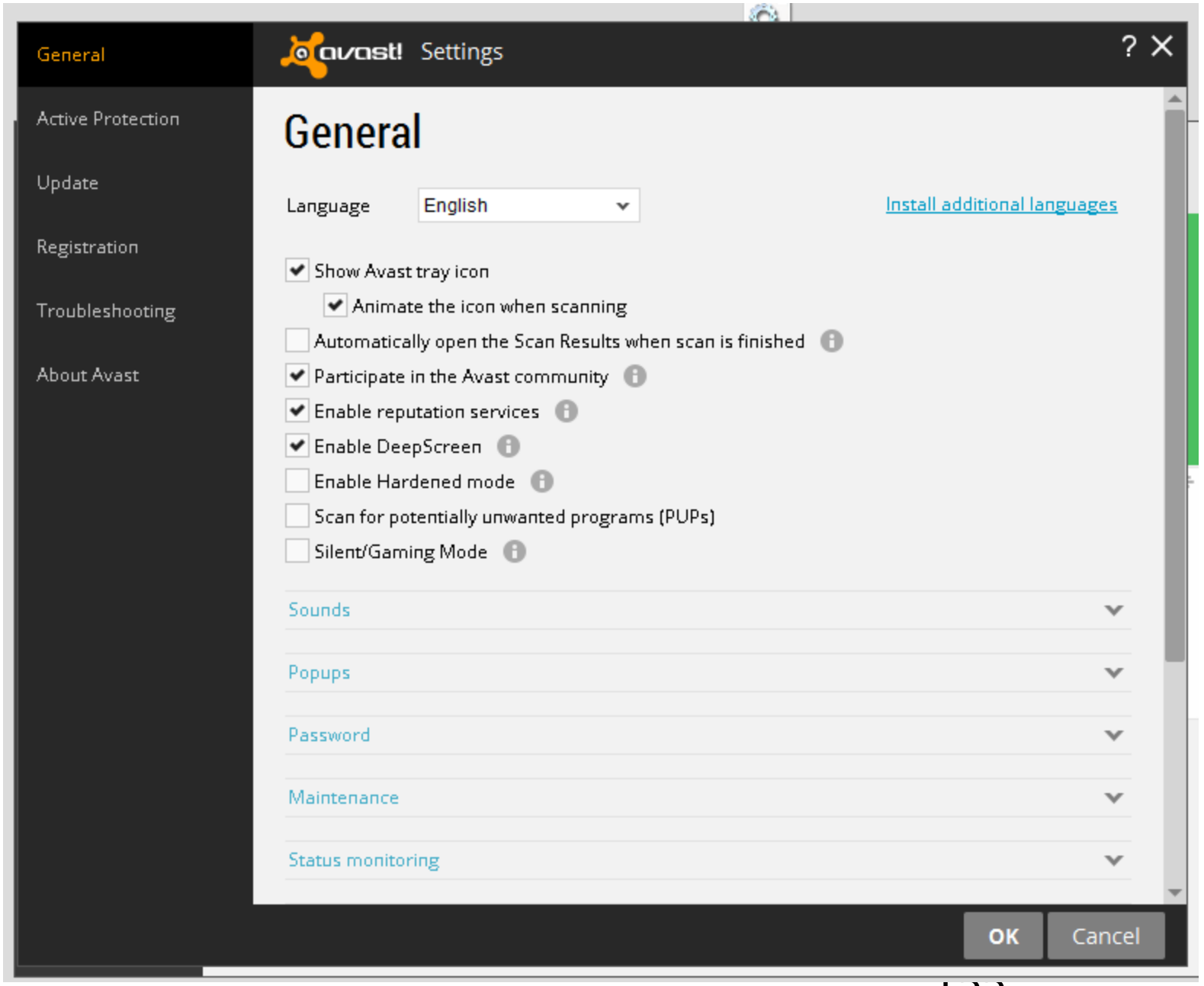
Keep the most popular Antivirus

Protecting over 220 million people

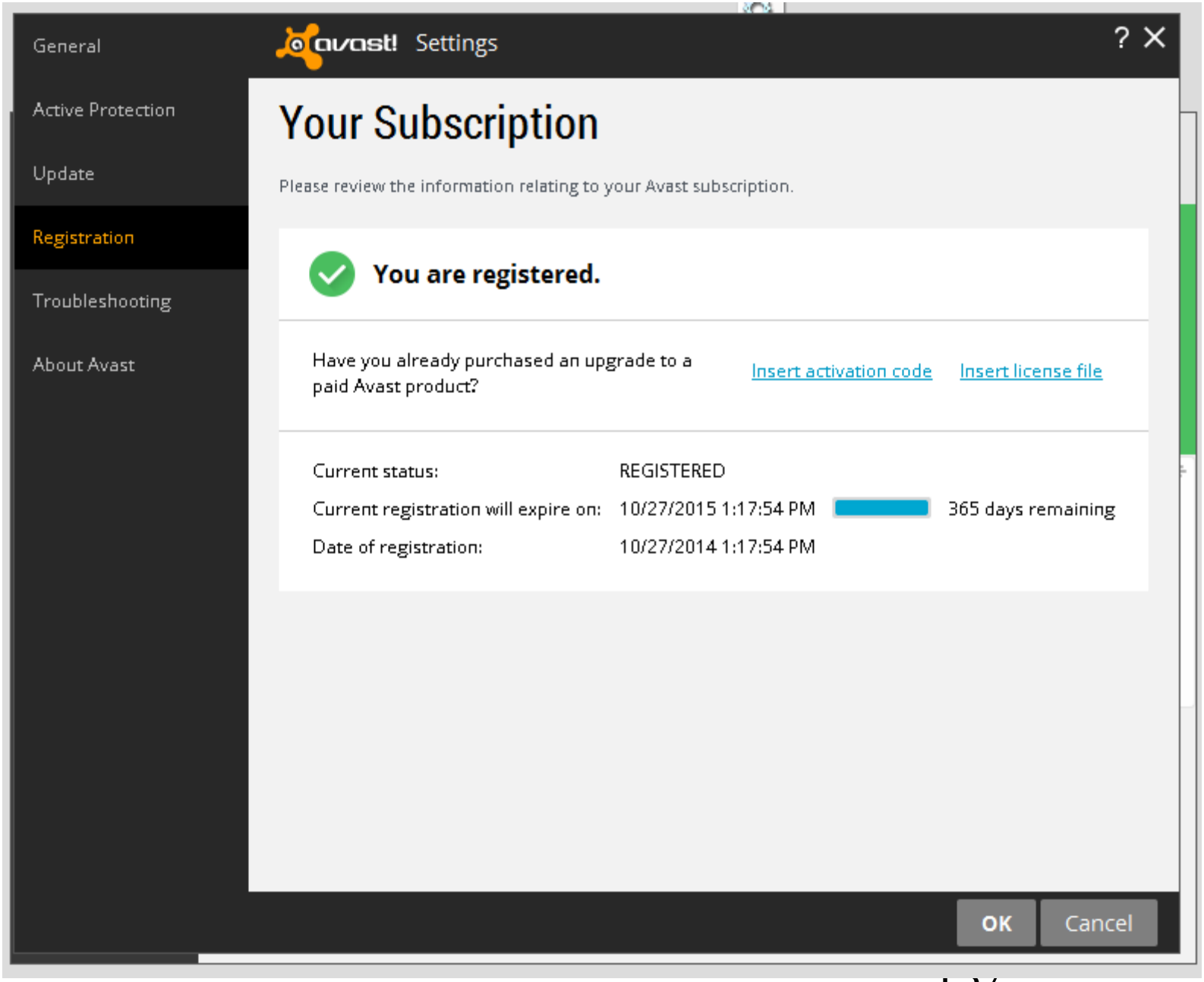
Renew your Avast Free Antivirus


OVERVIEW
SCAN
TOOLS
STORE
ACCOUNT
STATISTICS
SETTINGS
avast! FREE ANTIVIRUS 2015
UPGRADE
Sign in
0 karma
YOU ARE PROTECTED
All shields active
Everything up-to-date
SMART SCAN
FREE MOBILE SECURITY
QUICK SCAN
UPDATE
Enhance your online security by adding firewall
Protects your identity & personal data
Blocks hacker attacks to your PC
Add Firewall


SETTINGS


General
Active Protection
Update
Registration
Troubleshooting
About Avast
avast! Settings
General
Language
English
Install additional languages
Show Avast tray icon
Animate the icon when scanning
Automatically open the Scan Results when scan is finished
Participate in the Avast community
Enable reputation services
Enable DeepScreen
Enable Hardened mode
Scan for potentially unwanted programs (PUPs)
Silent/Gaming Mode
Sounds
Popups
Password
Maintenance
Status monitoring
OK
Cancel

Registration


General
Active Protection
Update
Registration
Troubleshooting
About Avast
avast! Settings
Your Subscription
Please review the information relating to your Avast subscription.
You are registered.
Have you already purchased an upgrade to a paid Avast product?
Insert activation code
Insert license file
Current status: REGISTERED
Current registration will expire on: 10/27/2015 1:17:54 PM
365 days remaining
Date of registration: 10/27/2014 1:17:54 PM
OK
Cancel

You are registered.

Have you already purchased an upgrade to a paid Avast product? [Insert activation code](#) [Insert license file](#)

Current status:	REGISTERED		
Current registration will expire on:	10/27/2015 1:17:54 PM		365 days remaining
Date of registration:	10/27/2014 1:17:54 PM		

"AVAST! FREE ANTIVIRUS (continued)

- See http://blog.avast.com/2014/03/12/avast-will-continue-to-support-windows-xp-for-home-and-business-users/ and http://blog.avast.com/2014/03/17/another-data-breach-crisis-looms-as-microsofts-d-day-for-xp-forces-security-scramble/

"MICROSOFT SECURITY ESSENTIALS"

- According to http://www.pcpro.co.uk/news/security/384394/microsoft-security-essentials-is-designed-to-be-bottom-of-the-antivirus-rankings, Holly Stewart of Microsoft stated that Microsoft Security Essentials has a "baseline strategy".

"MICROSOFT SECURITY ESSENTIALS" (continued)

- According to http://windows.microsoft.com/en-us/windows/security-essentials-eula:
  "If you are a home user, then you may install and use any number of copies of the software on your personal devices by use by people who reside in your household."

"MICROSOFT SECURITY ESSENTIALS" (continued)

- The End User License Agreement also states: "If you operate a small business, then you may operate the software on up to ten (10) devices in your business."

"MICROSOFT SECURITY ESSENTIALS" (continued)

- This End User License Agreement also states: "The software may not be used on devices owned by government or academic institutions."

1. **INSTALLATION AND USE RIGHTS.**
    a. **Home Use.** If you are a home user, then you may install and use any number of copies of the software on your personal devices for use by people who reside in your household.
    b. **Small Business.** If you operate a small business, then you may install and use the software on up to ten (10) devices in your business.
    c. **Restrictions.** The software may not be used on devices owned by government or academic institutions.

"MICROSOFT SECURITY ESSENTIALS" (continued)

- Since April 8, 2014, you cannot install "Microsoft Security Essentials" into a "Windows XP" computer (so install "Avast! Free Antivirus" instead).

"MICROSOFT SECURITY ESSENTIALS" (continued)

- However, if you installed a copy of "Microsoft Security Essentials" into a "Windows XP" computer prior to April 8, 2014), "Windows Update" will continue to provide updates and virus definitions for "Microsoft Security Essentials" until July 14, 2015.

"MICROSOFT SECURITY ESSENTIALS" (continued)

- For a "Windows XP" computer: After July 14, 2015, you can uninstall "Microsoft Security Essentials" and then install "Avast! Free AntiVirus" which will get updates and virus definitions at least until April 8, 2017.

"WINDOWS DEFENDER" FOR "WINDOWS 8" AND "WINDOWS 8.1"

- "Windows Defender" which is bundled with "Windows 8" and "Windows 8.1" can be used by any business or organization as long as they are using legal copies of "Windows 8" and "Windows 8.1".

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..

- Scenario1:
  It's "Patch Tuesday" so Microsoft's "Windows Update" feeds your computer some mandatory updates and your computer slows down massively

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..(continued)

- Scenario 2:
  You install a new photo editing suite such as "Adobe Photoshop" or "Adobe Lightroom" into your computer and your computer slows down massively

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO.. (continued)

- Scenario 3:
  After changing to a different antivirus program, your computer slows down massively

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO.. (continued)

- A POSSIBLE SOLUTION FOR THE THREE SCENARIOS: UNINSTALL THE CURRENT ANTIVIRUS PROGRAM. INSTALL A DIFFERENT ANTIVIRUS PROGRAM

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO.. (continued)

- YOU CANNOT PREDICT HOW A NEW SOFTWARE PROGRAM (SUCH ADOBE PHOTOSHOP) OR A NEW PILE OF "WINDOWS UPDATES" WILL INTERACT WITH YOUR EXISTING ANTIVIRUS PROGRAM, SO TRY SWITCHING TO ANOTHER ONE!

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO.. (continued)

- DO NOT RELY ON SOMEONE ELSE'S ADVICE OR EXPERIENCE WITH SPECIFIC ANTIVIRUS PROGRAMS:

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..

- JOE'S COMPUTER RUNS BEST WITH "AVAST" WHILE SUE'S COMPUTER RUNS BEST WITH "AVIRA" WHILE MY COMPUTER RUNS BEST WITH "FORTICLIENT".

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..

- You cannot predict ahead of time, which antivirus program(s) will resolve one of the three "scenarios".

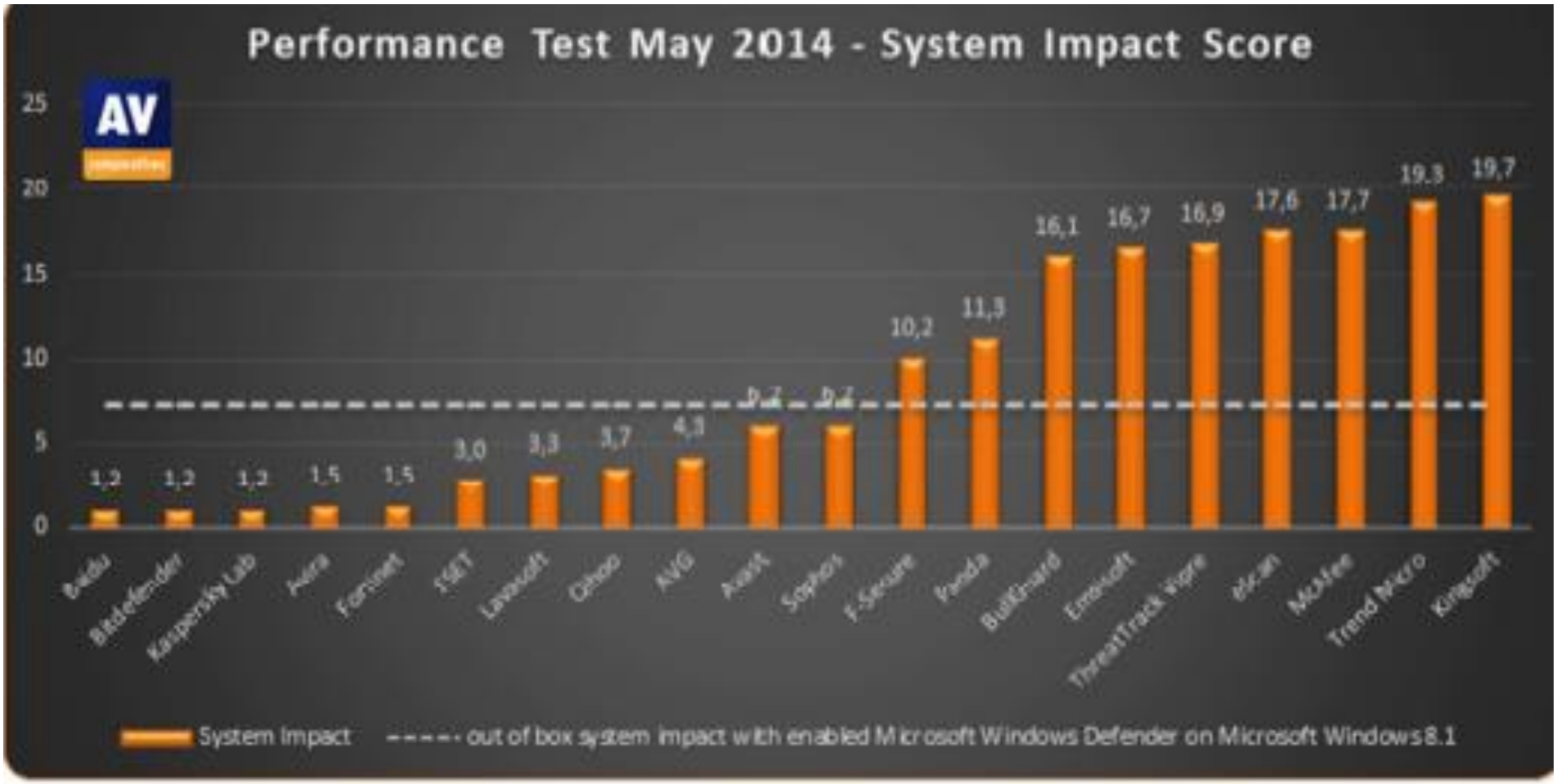
FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..

- If someone tells you her computer runs best with "Antivirus Program A", your computer might run best with "Antivirus Program B" and my computer might run best with "Antivirus Program C".

FOR A SPECIFIC COMPUTER, PERFORMANCE ISSUES WITH ANTIVIRUS PROGRAMS ARE UNPREDICTABLE, SO..

- Performance testing by "AV-Comparatives" can be found at http://www.av-comparatives.org/wp-content/uploads/2014/06/avc_per_201405_en.pdf

	PC Mark 8 points
without AV	100
ESET	99.0
Avast	98.8
Baidu	
Bitdefender	
F-Secure	
Kaspersky Lab	
Sophos	
Avira	98.5
Fortinet	
Emsisoft	98.3
Qihoo	
ThreatTrack Vipre	98.1
AVG	97.7
Panda	
Trend Micro	
Kingsoft	97.3
Lavasoft	96.7
McAfee	96.3
BullGuard	95.9
eScan	94.4



The out-of-box system impact score with enabled Windows Defender on Microsoft Windows 8.1 is 7,3

GENERIC GUIDELINES FOR INSTALLING A FREE ANTIVIRUS PROGRAM

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM

- Step 1:
  Remove any existing installed antivirus program that has memory-resident, real-time, always-on scanning in the background (with the exception of "Malwarebytes Premium" which gets along with all other antivirus programs).

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM

- Step 1 (continued):
  If any existing antivirus program misbehaves and will not let you remove it, see "Removing Misbehaving Antivirus Programs" in the next section of this "how to" document.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 2:
  Reboot the computer to make sure that any antivirus programs that you removed in "Step 1" are removed from memory ("RAM").

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 3:
  Reboot the computer to make sure that any antivirus programs that you removed in "Step 1" are removed from memory ("RAM").

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 4:
  Download the installation file for the desired antivirus program.
  (See "Hyperlinks for Downloading Free Antivirus Programs" near the end of this "how to" document.)

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 5:
  Double-click on the downloaded installation file.
- Step 6:
  Select "Custom Installation" if you are give a choice.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 7:
  Uncheck any additional browsers, software programs, and toolbars that they are trying to sneak into your computer during the installation process.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 7:
  Uncheck any additional browsers, software programs, and toolbars that they are trying to sneak into your computer during the installation process.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 7 (continued):
  Ignore any attempts by the installation program to sell you an upgrade.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 7 (continued):
  Ignore any attempts by the installation to get you to "register" for an account with the company that is providing the antivirus program.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 8:
  After the installation process is completed, reboot your computer.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 9:
  Go to
  http://www.revouninstaller.com/revo_uninstaller_free_download.html
  and install the free version of "Revo Uninstaller Freeware"

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 10:
  Start "Revo Uninstaller Freeware" and remove any software programs and toolbars that were added by the installation process of the free antivirus program.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 10:
  Start "Revo Uninstaller Freeware" and remove any software programs and toolbars that were added by the installation process of the free antivirus program.

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 11:
  Start the Windows.. "Control Panel".

GENERIC STEPS FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 12:
  Double-click on "Add or Remove Programs" or "Programs and Features" and remove any software programs and toolbars that were added by the installation process of the free antivirus program.

GENERIC GUIDELINES FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 13:
  Start each of your Web browser programs and make sure that the installation process of the antivirus program did not modify the startup "home page". If it did, set it back to the startup "homepage" that you want to have.

GENERIC GUIDELINES FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 14:
  Start each of your Web browser programs and make sure that the installation process of the antivirus program did not modify the default "search provider". If it did, set it back to the "search provider" that you want to have as a default.

GENERIC GUIDELINES FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 15:
  Start up the newly-installed antivirus program.
- Step 16:
  Run a "Quick Scan".
- Step 17:
  Run a "Full Scan".

GENERIC GUIDELINES FOR INSTALLING A FREE ANTIVIRUS PROGRAM (continued)

- Step 16:
  Run your office suite programs, your photo editing programs, your movie editing programs, etc. to do some real work to access the impact of the newly-installed antivirus program on the speed and reliability of your computer.

REMOVING MISBEHAVING ANTIVIRUS PROGRAMS

REMOVING MISBEHAVING ANTIVIRUS PROGRAMS

- Sometimes a antivirus program cannot be uninstalled or will not uninstall completely:
  Visit the following Web sites for advice and utility programs for uninstalling a recalcitrant antivirus program:

REMOVING MISBEHAVING ANTIVIRUS PROGRAMS (continued)

- http://www.computerhope.com/issues/ch001402.htm

- http://www.techspot.com/guides/549-clean-antivirus-removal/

REMOVING MISBEHAVING ANTIVIRUS PROGRAMS (continued)

- http://kb.eset.com/esetkb/index?page=content&id=SOLN146&locale=en_US

- http://mintywhite.com/windows-7/7security/8-antivirus-uninstall-utilities/

HYPERLINKS FOR DOWNLOADING FREE ANTIVIRUS PROGRAMS

HYPERLINKS FOR DOWNLOADING FREE ANTIVIRUS PROGRAMS

- http://forticlient.com/
- http://www.avira.com/en/index
  (Scroll to the bottom of the page.)
- http://www.avast.com/en-us/index
  (Scroll half-way down the page.)
- http://www.immunet.com/free/index.html

HYPERLINKS FOR DOWNLOADING FREE ANTIVIRUS PROGRAMS (continued)

- http://www.comodo.com
  (Click on "Comodo Antivirus" to get the "Windows.." version.
  Click on "Comodo Antivirus for Mac" to get the Apple Mac "OS X" version.

HYPERLINKS FOR DOWNLOADING FREE ANTIVIRUS PROGRAMS (continued)

- http://www.sophos.com/en-us/products/free-tools.aspx (One of their Apple Mac "OS X" editions is free. Their Windows.. editions are not free.)

REFERENCES

- http://www.geckoandfly.com/11451/download-6-free-antivirus-for-small-business-and-corporations/
- http://www.businessnewsdaily.com/6740-free-antivirus-business.html
- https://www.raymond.cc/blog/free-antivirus-for-corporate-commercial-and-educational-use/