

## VB100 COMPARATIVE REVIEW ON WINDOWS 10 PRO 64 BIT

### INTRODUCTION

As we return for a second visit to *Windows 10*, this month's VB100 comparative sees a fairly extensive selection of products taking part. While the list includes most of the familiar names from the last few years there are also a few fairly recent additions, some of which are still working towards their first VB100 certification. The test report is somewhat delayed, due to a combination of a backlog of work, some health issues, and some rather puzzling behaviour by the platform, so this report will once again be briefer than usual, as well as missing the usual sets of performance data – we hope to see this data reinstated in the next comparative.

### PLATFORM AND TEST SETS

*Windows 10* is now the default *Windows* version pushed by *Microsoft*, with *Windows 7* usage discouraged but still supported. The newer version still has some way to go to reach the popularity of *Windows 7*, with some of the changes introduced in *Windows 10* continuing to discourage uptake. One such change – to the way updating and patching works – caught our test team somewhat off guard this month, with some overlooked setting having resulted in all sorts of unexpected background behaviour during our performance tests. Unfortunately, this went unnoticed until the data was processed, at which point some large discrepancies were revealed between machines, with several gigabytes of additional data having been downloaded to some. The resulting imbalances ultimately meant our performance data had to be abandoned. Otherwise, if one can ignore some other potential pitfalls of the platform – such as the harvesting of personal data, which seems to have become a key feature – installation and usage proved fairly uncomplicated, and the platform was for the most part stable and well behaved.

Our other pre-test duties mainly concern the sample sets, which were approached in the normal manner, with the clean sets continuing to be updated until the test deadline of 22 June. The latest WildList available on this date was used to build the other main certification set, and the sets used for our detection tests were built on the fly, using samples from the last ten days prior to each phase of the test.

With our standard tools in place and the test sets and products ready to go, we got down to the business of putting the products through their paces.

### BUSINESS PRODUCTS

#### Avira Antivirus Pro

Main version: 15.0.17.273

Update versions: 8.12.100.54, 8.12.103.188,  
8.12.104.240, 8.12.106.84

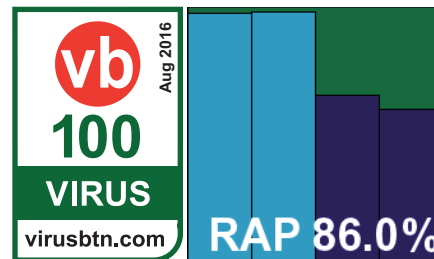
Last 6 tests: 4 passed, 0 failed, 2 no entry

Last 12 tests: 9 passed, 0 failed, 3 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

Avira's paid-for edition missed out on our first visit to *Windows 10*, but demonstrated this time that it is quite at home on the platform, showing impeccable stability and its usual strong detection levels. The certification sets were dealt with well, earning Avira a VB100 award.



## CYREN Command Anti-Malware

Main version: 5.1.38

Update versions: 5.4.25

Last 6 tests: 4 passed, 1 failed, 1 no entry

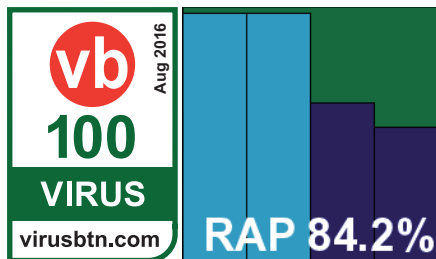
Last 12 tests: 5 passed, 5 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Fair

*CYREN's Command product has been around for quite some time and generally proves simple to operate, with results*

*heavily on the handling of the clean set – something which has been much improved of late. This month there were a few stability problems, mainly with scan jobs crashing or freezing. On the detection side things were a little better, with some good scores recorded, particularly when using the company's cloud lookup system, and with no problems in the certification sets a VB100 award is well deserved.*



Detection was strong too, and the certification sets proved no problem, earning *ESTsoft* another VB100 award.

## Fortinet FortiClient

Main version: 5.4.1.0840

Update versions: 5.00233/35.00574, 35.00846, 36.00007, 36.00312

Last 6 tests: 5 passed, 0 failed, 1 no entry

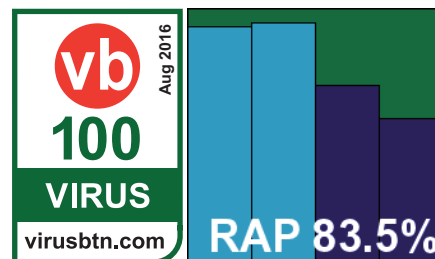
Last 12 tests: 10 passed, 0 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Fair

*Fortinet's desktop product appears in almost all of our tests, generally with good results. There were a few stability issues this*

*month, including a failed update, a frozen scan and an unexpected restart, but as usual detection was good. The certification sets were handled well, and a VB100 award is earned by Fortinet.*



## ESTsoft ALYac

Main version: 3.0.1.1

Update versions: 16.2.22.1/595911.2016062223/7.66019 /6858364.20160622, 16.2.22.1/598338.2016071117/7.66278/7056588.20160711

Last 6 tests: 5 passed, 0 failed, 1 no entry

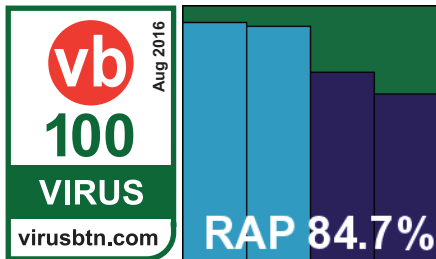
Last 12 tests: 10 passed, 0 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

*The first of this month's glut of products using the ever-popular Bitdefender engine, South Korea's ESTsoft has been a regular in our*

*tests for a while now and has managed a clean sweep of all our Windows comparatives in the last couple of years. Stability was very good indeed, with no problems noted.*



## Ikarus anti.virus

Main version: 2.9.26

Update versions: 98352, 98399, 98419, 2.13.19/98444

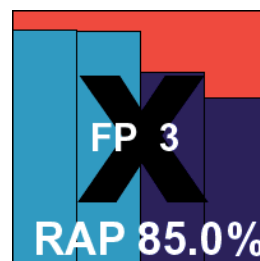
Last 6 tests: 3 passed, 2 failed, 1 no entry

Last 12 tests: 7 passed, 2 failed, 3 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 3 **Stability:** Solid

*We've seen products from Ikarus in most of our comparatives over the last few years, with high detection rates occasionally balanced by a tendency to false alarm from time to time. This month, stability was impeccable and detection pretty strong, with flawless coverage of our WildList sets. In the clean sets, however, a couple of items were incorrectly flagged, including some components of an IronCAD design package, which means there is no VB100 award for Ikarus this month despite a good effort.*



## iSheriff Security from the Cloud

Main version: 5.8.2

Update versions: 5.8.3.0000/3.71, 5.8.40000, 5.8.6

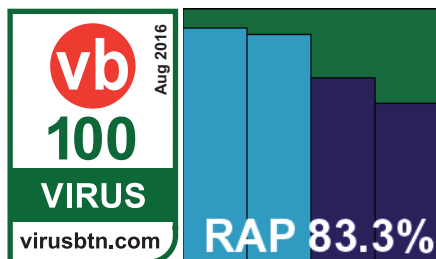
Last 6 tests: 3 passed, 2 failed, 1 no entry

Last 12 tests: 8 passed, 2 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Stable

Just as the finishing touches were being put on this report we heard news that *iSheriff* had been acquired by *Mimecast*, which could

mean some changes for users of the product. For now, the product is much as we've known it for a while, built around a cloud-based management portal with multiple features and controls, from which the endpoint agent is deployed and operated. It was pretty stable with only a couple of very minor issues noted, related to logging consistency, and it scored well in detection thanks to that ubiquitous *Bitdefender* engine. The core test sets were ably handled, and another VB100 award goes to *iSheriff*.



## Quick Heal Seqrite Endpoint Security

Main version: 16.00/9.053.1 64bit

Update versions: N/A

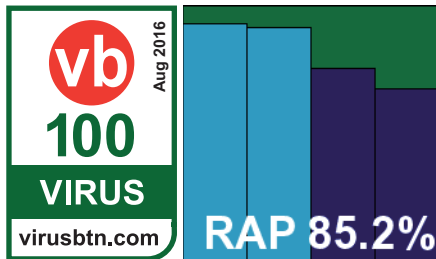
Last 6 tests: 2 passed, 0 failed, 4 no entry

Last 12 tests: 7 passed, 0 failed, 5 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Stable

*Quick Heal's Seqrite* business line has become a regular in our tests in recent years, and for the most part closely resembles the consumer

editions we're even more used to evaluating. Stability wasn't quite perfect, with a couple of scan jobs freezing up and on one occasion the entire machine locking up,



but detection was decent, and with no problems in the certification sets a VB100 award is earned by *Quick Heal*.

## TrustPort Antivirus 2016 (Business)

Main version: 16.0.0.5676

Update versions: N/A

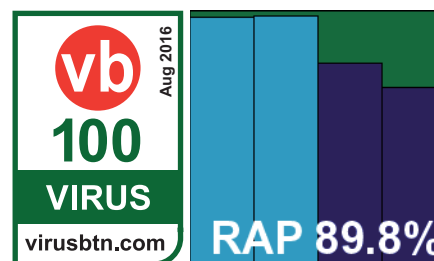
Last 6 tests: 4 passed, 0 failed, 2 no entry

Last 12 tests: 7 passed, 0 failed, 5 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

*TrustPort's* core product line is apparently just as well suited to business use as to consumers, so it appears in both categories this month

despite there being no physical differences in the product. Stability was rock-solid with no problems even under the heaviest of pressure, and as usual detection was very strong indeed. The core certification sets were brushed aside with ease, and *TrustPort* earns another VB100 award.



## CONSUMER PRODUCTS

### Allit Service Zillya! Internet Security

Main version: 2.0.4919.0

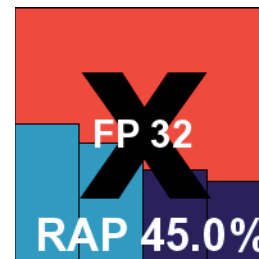
Update versions: 2.0.0.2923, 2.0.0.2950, 2.0.0.2957, 2.0.0.2974

Last 6 tests: 0 passed, 2 failed, 4 no entry

Last 12 tests: 0 passed, 3 failed, 9 no entry

**ItW on demand:** 91.02% **ItW on access:** 87.21%  
**False positives:** 32 **Stability:** Fair

*Zillya!* has yet to achieve VB100 certification, but gamely keeps trying. Claiming to be the only anti-virus lab in the Ukraine, the company continues to improve and refine its solution, which does seem as if it will be a contender for certified status sometime soon. The product looks fairly attractive, but stability remains a little shaky,



with a couple of strange behaviours from the PC and a couple of unwanted restarts. Detection was not the strongest and declined rather sharply through the test sets, but the WildList set was somewhat better handled. Unfortunately, false positives were noted in fair numbers, including components of older versions of both *OpenOffice* and *WordPerfect*, so there is no award for *Zillya!* quite yet.

## Avast Free Antivirus

Main version: 12.1.2272 Build 12.1.3076.0

Update versions: 160622-0, 160712-0,  
12.1.3076.6/160720-0, 160728-0

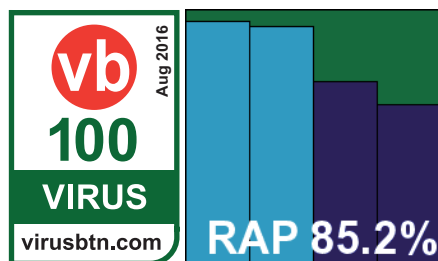
Last 6 tests: 6 passed, 0 failed, 0 no entry

Last 12 tests: 12 passed, 0 failed, 0 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

The mighty *Avast* announced acquisition of freemium arch-rival *AVG* during the testing period, but it seems fairly likely

that both lines will remain in existence for a while at least. *Avast*'s product is clean and good-looking, and managed to get through the test process without even a wobble. Detection was solid, and with another clean run through the certification sets, *Avast* earns another VB100 award and joins the elite group of those with 12 passes in the last 12 tests.



## AVG AntiVirus

Main version: 16.81.7640

Update versions: 4613/12464, 4613/12563, 4627/12606,  
4613/12647

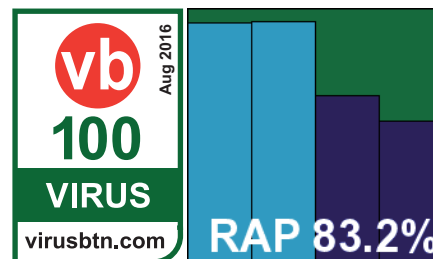
Last 6 tests: 6 passed, 0 failed, 0 no entry

Last 12 tests: 12 passed, 0 failed, 0 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Fair

Also sitting pretty with a dozen passes in the last two years, *AVG*'s product is visually a little on the dark side much of the time, favouring subtlety over explosions of colour, but it generally performs well. We noted a single unexpected restart during the test, denting the product's stability rating

considerably, but there were no other issues. Detection was strong, and with a good showing in the certification sets *AVG* maintains that unbroken run of VB100 awards.



## Avira Free Antivirus

Main version: 15.0.17.273

Update versions: 8.12.100.54, 8.12.103.188,  
8.12.104.240, 8.12.106.84

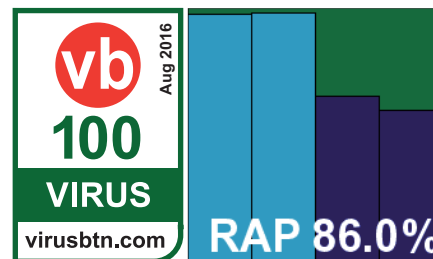
Last 6 tests: 2 passed, 0 failed, 4 no entry

Last 12 tests: 5 passed, 0 failed, 7 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

*Avira*'s consumer edition is also hugely popular, with a massive user base taking advantage of its rock-bottom pricing and enjoying the

clean design and impeccable stability which earn it the affections of the test team. Detection was strong as usual, and with a flawless run over the certification sets, a VB100 award is comfortably earned.



## Bitdefender Antivirus Plus 2016

Main version: 20.0.28.1477

Update versions: 7.66023/6861151,  
20.0.29.1517/7.66232/6964544, 7.66330/7130593,  
7.66502/6932762

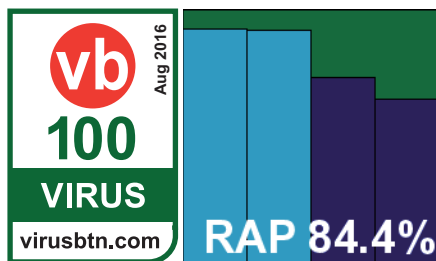
Last 6 tests: 6 passed, 0 failed, 0 no entry

Last 12 tests: 12 passed, 0 failed, 0 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

*Bitdefender*'s own product joins a line-up cluttered with other implementations of the same engine, and has maintained a perfect record in the VB100 tests for a while now. The interface is as dark and brooding as ever,

and stability proved very good indeed, unshaken by all our test processes. Detection was pretty decent too, the core certification sets proved no problem, and another VB100 award goes to *Bitdefender*.



### BullGuard Antivirus

Main version: 16.0.321.1

Update versions: 7.66023, 16.0.321.7/7.66233,  
16.0.321.8/7.66398, 7.66519

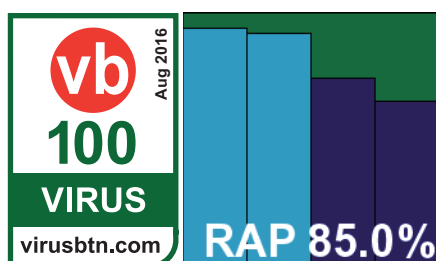
Last 6 tests: 3 passed, 0 failed, 3 no entry

Last 12 tests: 6 passed, 0 failed, 6 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

Despite only participating in our consumer tests, *BullGuard* has managed to build up a strong record of passes over the last few years.

The product integrates the *Bitdefender* engine, and generally does well in our tests, this time putting in a wobble-free run on the stability front and notching up a decent set of detection scores. In the certification sets there were no surprises, and another VB100 award goes to *BullGuard*.



### Check Point ZoneAlarm Extreme Security

Main version: 14.2.255.000

Update versions: 8.6.1.51

Last 6 tests: 2 passed, 0 failed, 4 no entry

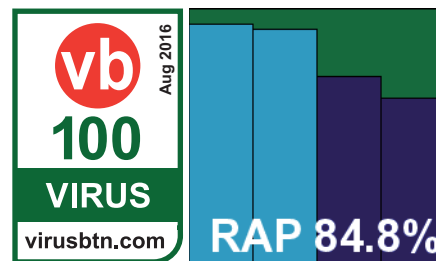
Last 12 tests: 5 passed, 0 failed, 7 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Fair

*Check Point's ZoneAlarm* has been a familiar name in security circles for over 15 years, and has achieved passes in all the VB100 comparatives it has appeared in for at least the last 24 months. This time we had a few stability

problems, including an incident of the interface locking up at the end of a big scan job and another when the test machine

restarted unexpectedly during installation. Built around the *Kaspersky* engine, detection scores were decent across our standard sets, and with a clean run through the certification sets, a VB100 award is earned by *Check Point*.



### Compuclever Antivirus Plus

Main version: 19.4.0.239

Update versions: 7.66023/6861151, 19.6.0.326/7.66232/  
6964544, 7.66330/7130593, 7.66536/6988200

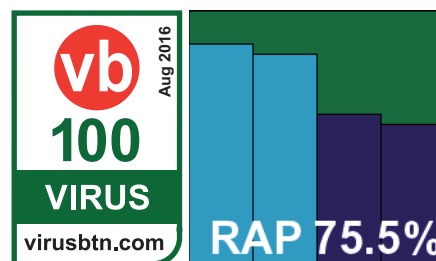
Last 6 tests: 2 passed, 0 failed, 4 no entry

Last 12 tests: 3 passed, 0 failed, 9 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Stable

*Compuclever* is a rather less familiar name on our test bench, but it has cropped up a few times in the last few years with good results

each time. Stability was dented only by a very minor error, where an installation failed to complete successfully, but was otherwise very good indeed, and detection, aided by that *Bitdefender* engine once again, was good. The core sets were covered well, earning *Compuclever* another VB100 award.



### Emsisoft Anti-Malware

Main version: 11.8.0.6486

Update versions: 11.9.0.6513

Last 6 tests: 5 passed, 0 failed, 1 no entry

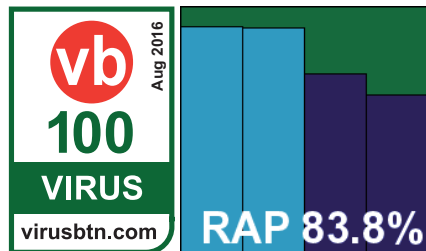
Last 12 tests: 10 passed, 0 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

*Emsisoft's* product has achieved a pass in all of the last two years' worth of *Windows* tests, only missing out on our



annual *Linux* comparatives. This month it passed again in some style, with a perfect stability rating, good detection levels and another clean run through the certification sets.



### eScan Internet Security Suite for Windows

Main version: 14.0.1400.1891 DB

Update versions: N/A

Last 6 tests: 6 passed, 0 failed, 0 no entry

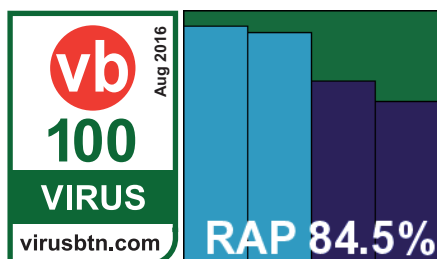
Last 12 tests: 12 passed, 0 failed, 0 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

Another product making use of the *Bitdefender* engine, *eScan* has a very long and illustrious history in the VB100 tests and can now

boast a 100% record over the last two years. Stability was excellent, detection levels very good indeed, and the certification sets presented no problems, thus adding another VB100 award to *eScan*'s sizeable collection.



### ESET NOD32 Antivirus

Main version: 9.0.381.0

Update versions: 13687, 13759, 13796, 9.0.386.0/13838

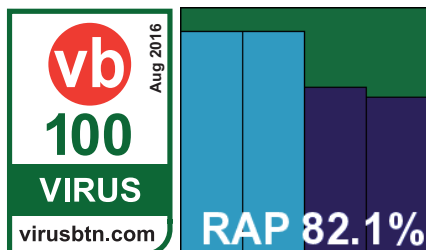
Last 6 tests: 6 passed, 0 failed, 0 no entry

Last 12 tests: 12 passed, 0 failed, 0 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

*ESET*'s history in our tests needs little introduction, with a remarkably consistent run of success



dating back many, many years. Once again stability was impeccable, the clear and appealing interface remaining responsive even under severe pressure, and detection was decent too. The certification sets presented no difficulties, and *ESET* adds another VB100 award to its stash, making a total of 99 since the test was launched in 1998.

### Essentware PCKeeper Antivirus PRO

Main version: 8.3.40.56

Update versions: 8.12.100.84, 8.3.40.80/8.12.103.188, 8.3.40.88/8.12.105.30, 8.3.40.102/8.12.106.174

Last 6 tests: 3 passed, 0 failed, 3 no entry

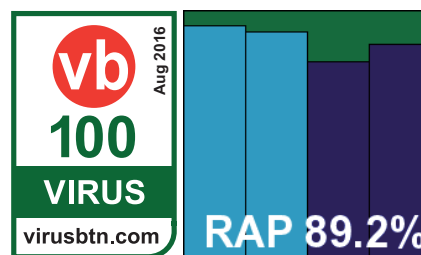
Last 12 tests: 3 passed, 0 failed, 9 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Fair

*Essentware* is a fairly new name to our tests, although the *PCKeeper* brand has been around for a while in various other guises, generally

doing pretty well thanks to the *Avira* engine under the covers. Stability this month was a little shaky, with a couple of scans locking up and on a couple of further occasions the entire test PC locked up, requiring a reboot to move things along. Detection was strong though, and with a good performance in the certification sets a VB100 award goes to *Essentware*.



### G Data Antivirus

Main version: 25.1.0.12

Update versions: AVA 25.7064/GD 25.7115, AVA 25.7286/GD 25.7227, AVA 25.7384/GD 25.7272, AVA 25.7572/GD 25.7352

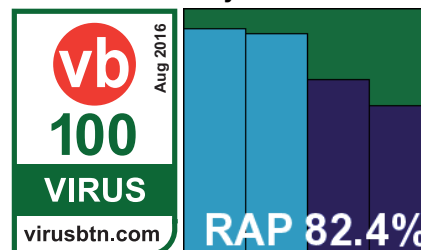
Last 6 tests: 5 passed, 0 failed, 1 no entry

Last 12 tests: 10 passed, 0 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

*G Data* can also boast of having passed all our *Windows* tests in the last two years, and once again recorded a rock-solid



performance with no stability problems observed. Detection, provided by the *Bitdefender* engine alongside the company's own technologies, was good, with no issues noted in the certification sets, earning *G Data* another VB100 award.

### Inca nProtect Anti-Virus Spyware

Main version: 4.0.0.10011

Update versions: 2016.06.22.01, 2016.07.12.01, 2016.07.18.01, 2016.07.28.01

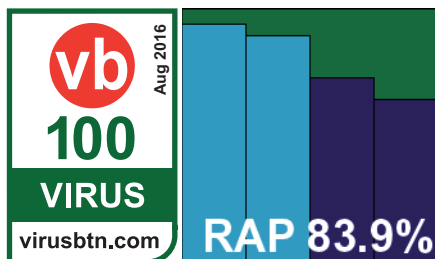
Last 6 tests: 3 passed, 0 failed, 3 no entry

Last 12 tests: 3 passed, 0 failed, 9 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Solid

*Inca's nProtect* has apparently been around since the year 2000, but has only recently become a VB100 regular, passing all the tests it

has entered in the last year. It looks slick and clean, and performed smoothly throughout testing with no stability problems. Detection, again supported by *Bitdefender*, proved strong with a perfect run through the certification sets, and *Inca* picks up another VB100 award.



### K7 Total Security

Main version: 15.1.0295

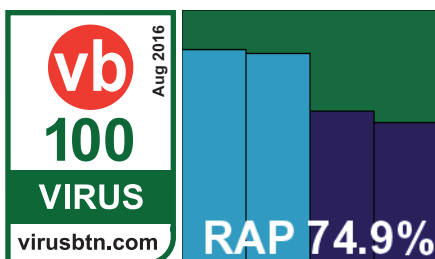
Update versions: 9.230.20011, 9.232.20141, 9.233.20220, 5.1.0296/9.235.20294

Last 6 tests: 5 passed, 0 failed, 1 no entry

Last 12 tests: 10 passed, 0 failed, 2 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Stable

*K7's* products have appeared in most of our tests for some time now, only missing out on our *Linux* comparatives, and generally



doing very well. This month we noted a minor stability issue: the product interface locked up for several minutes while the settings were being checked. However, the incident did not recur and seems pretty rare, with a 'Solid' rating very much the norm for *K7*. Detection remains a little behind the leaders but still very respectable, and with a good showing in the certification sets, *K7* comfortably merits another VB100 award.

### Kaspersky Internet Security

Main version: 16.0.1.445(c)

Update versions: N/A

Last 6 tests: 3 passed, 0 failed, 3 no entry

Last 12 tests: 8 passed, 0 failed, 4 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Stable

We've had products from *Kaspersky Lab* in 97% of our VB100 comparatives since the very beginning (our per-product test history appears less well populated, as the company has a broad range of solutions and likes to ensure different ones are tested regularly), producing solidly impressive results in the majority of those many tests. This month, with the flagship consumer suite on the test bench, we had only a fairly trivial stability incident where the interface became unresponsive for a time (to be fair, it was working hard to process the results of a large scan job), but otherwise everything was rock-solid. There are no RAP detection figures to report, but as usual the certification sets presented no problem, earning *Kaspersky* another VB100 award.



### Lavasoft Ad-Aware Free Antivirus +

Main version: 11.11.898.9090

Update versions: 11.11.898.9090, 11.11.898.9090, 11.11.898.9202

Last 6 tests: 3 passed, 0 failed, 3 no entry

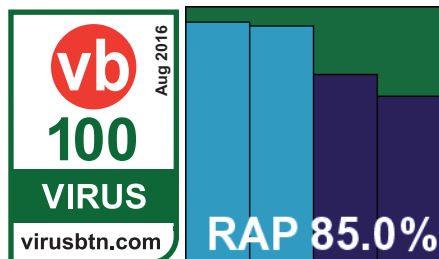
Last 12 tests: 6 passed, 0 failed, 6 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%  
**False positives:** 0 **Stability:** Fair

*Lavasoft* submitted a pair of products to the test once again this month. We start with the free edition. Since switching to the *Bitdefender* engine and putting together a glossy new interface a year or so back, we've seen some good performances from the venerable *Ad-Aware* brand, and this time things were pretty dependable once again. We did

note a single unplanned restart, when an update kicked off mid-way through a large scan job, but there were no other stability problems,

and with strong detection and a clear run through the certification sets, a VB100 award is comfortably earned.



### Lavasoft Ad-Aware Pro Security

Main version: 11.11.898.9090

Update versions: 11.11.898.9090, 11.11.898.9090, 11.12.945.9202

Last 6 tests: 2 passed, 0 failed, 4 no entry

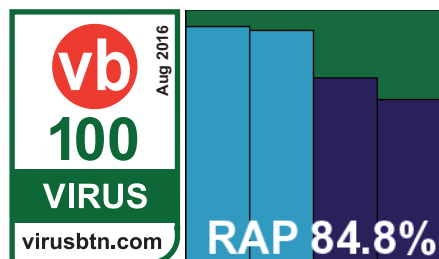
Last 12 tests: 2 passed, 0 failed, 10 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Fair

The 'Pro' edition of *Ad-Aware* has a pretty similar look and feel to its free sibling, and put in a similar performance too, with just

a couple more stability incidents of the same type but still managing to stay within the 'Fair' zone. Detection rates were good again, and the certification sets properly handled, earning a second VB100 award for *Lavasoft* this month.



### MSecure DenyWall Antivirus

Main version: 98352

Update versions: 98402, 98419, 98444

Last 6 tests: 0 passed, 2 failed, 4 no entry

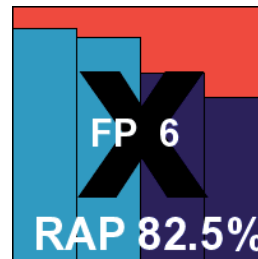
Last 12 tests: 0 passed, 2 failed, 10 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 6 **Stability:** Fair

*MSecure* has been appearing in our tests on and off for a while now, with a number of issues in recent years which thankfully seem to have been resolved in this latest version. Stability was far from perfect however, with a number of

errors occurring during updating, some logging problems, and a few GUI crashes during scans and log exporting. Thankfully, detection was dependable with some good scores and full coverage of the WildList sets. In the clean sets however, we noted a few false alarms, including on parts of the *IronCad* package and some older items from *SAP* and *Asus*. This meant no VB100 award for *MSecure* this time, but it was a very near miss.



### NANO Antivirus PRO

Main version: 1.0.38.74700

Update versions: 0.14.25.7687, 1.0.38.75004/0.14.25.7795, 1.0.38.75127, 0.14.25.7836, 0.14.25.7881

Last 6 tests: 2 passed, 1 failed, 3 no entry

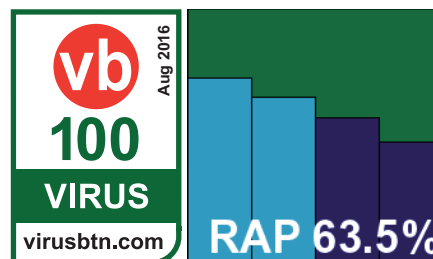
Last 12 tests: 2 passed, 2 failed, 8 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

*NANO* managed its first VB100 pass in the last (June 2016) test, and returns for another try straight away. The product is clear and easy

to use, and proved remarkably stable under the heavy strain of our testing processes, showing no signs of stability issues at all. Detection was a little below par, and showed a steady decrease through the test sets, but the certification sets were properly dealt with and *NANO* can be proud of its second VB100 award from two attempts.



### Panda Endpoint Protection

Main version: 7.60.0

Update versions: N/A

Last 6 tests: 2 passed, 0 failed, 4 no entry

Last 12 tests: 7 passed, 0 failed, 5 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Stable

Now firmly established as a regular in our tests, *Panda* has picked up a good string of passes in the last few years. This



time we had a couple of minor stability problems, mainly simple updating errors and a few synching problems with the web management interface, but nothing too serious. Detection was decent where we were able to measure it, and the certification sets were dealt with nicely, earning *Panda* another VB100 award.



### PC Pitstop PC Matic Home Security

Main version: 2.0.0.4

Update versions: 2.0.0.4, 2.0.0.4, 2.0.0.5

Last 6 tests: 0 passed, 3 failed, 3 no entry

Last 12 tests: 1 passed, 5 failed, 6 no entry

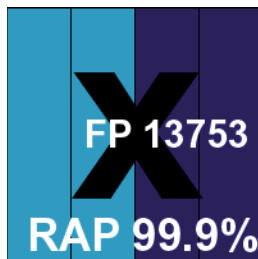
**ItW on demand:** N/T

**ItW on access:** 100.00%

**False positives:** 13,753

**Stability:** Buggy

The *PC Matic* approach is a little different from that of most of our participants, with whitelisting playing a major role in the product's detections, leading to some interesting results over the last few years. There were some fairly severe stability issues on *Windows 10*, with a number of blue screens cropping up through the tests and giving the team some extra work to do, but the developers proved fast to respond to issues as we reported them. These wobbles aside, it finally seems that our tests have been able to fully exercise the product's detection capabilities, with just about everything in our sets blocked by the product. Sadly, that also meant a fairly large proportion of our clean sets was blocked, something which may be due to the way the sets are stored (lacking entries in the local catalogue of installed packages, which is checked as part of the analysis process by some products). There were also some issues with the WildList detection, including some highly undependable results when using the on-demand scanner component – all other results were obtained on access, but the on-demand results proved too wildly unreliable to include in the report. So there is no VB100 award for *PC Pitstop*, but some truly epic scores in our RAP/Response tests.



### Quick Heal Total Security

Main version: 7.00/10.0.1.7 64Bit

Update versions: N/A

Last 6 tests: 4 passed, 0 failed, 2 no entry

Last 12 tests: 6 passed, 0 failed, 6 no entry

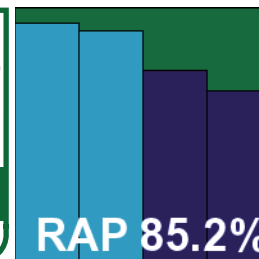
**ItW on demand:** 100.00%

**ItW on access:** 100.00%

**False positives:** 0

**Stability:** Fair

*Quick Heal's* second entry this month is the vendor's consumer version, which appears in most of our tests. This month it got



stuck a few times with the GUI freezing up, but mainly only when asked to do some seriously heavy lifting. Detection was very good indeed, and with another clean run over the certification sets, a second VB100 award goes to *Quick Heal*.

### TeamViewer ITbrain Anti-Malware

Main version: 11.0.59518

Update versions: 11.0.62308, 11.0.63017

Last 6 tests: 1 passed, 0 failed, 5 no entry

Last 12 tests: 5 passed, 0 failed, 7 no entry

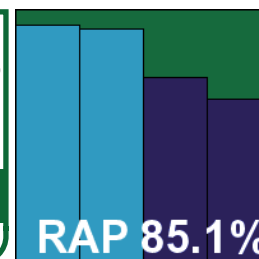
**ItW on demand:** 100.00%

**ItW on access:** 100.00%

**False positives:** 0

**Stability:** Fair

The *ITbrain* product first hit our test bench a couple of years ago, picking up a cluster of passes before going quiet for a while. Now returning, it ran pretty well, with just enough GUI freezes and failures-to-launch to push it into the 'Fair' stability category. Aided by the *Bitdefender* engine it picked up some solid detection rates though, and with a good performance in the core sets another VB100 award is earned by *TeamViewer*.



### Tencent PC Manager

Main version: 11.4.26230.901

Update versions: 11.6.26241.901, 11.6.26245.901, 11.6.26247.901

Last 6 tests: 5 passed, 0 failed, 1 no entry

Last 12 tests: 8 passed, 0 failed, 4 no entry

**ItW on demand:** 100.00%

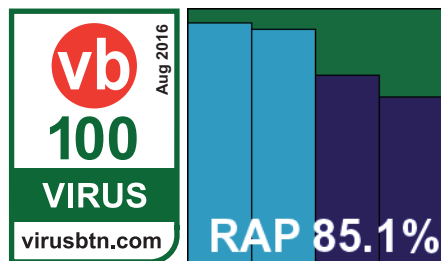
**ItW on access:** 100.00%

**False positives:** 0

**Stability:** Stable

Tencent's PC Manager line has been with us for a number of years now, and has picked up passes in all our Windows comparatives in the last

year. Other than a single, fairly gracefully handled error updating the integrated *Bitdefender* engine, it ran smoothly and picked up some good detection scores. There were no problems in the certification sets, and a VB100 award is comfortably earned.



### Tencent PC Manager – TAV edition

Main version: 11.4.26222.901

Update versions: 11.4.26240.901, 11.6.26242.901, 11.6.26246.901

Last 6 tests: 1 passed, 0 failed, 5 no entry

Last 12 tests: 1 passed, 0 failed, 11 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Stable

A second product from *Tencent*, similar to the main product but featuring only the company's own in-house technology, the 'TAV' edition also had only a few fairly minor problems; it has been left out of the RAP test at the vendor's request, as it seems to make heavy use of cloud resources which are not available in parts of this test. In the certification sets though, with all features active, it performed admirably, easily meeting the requirements to earn a VB100 award.



### TG Soft VirIT eXplorer PRO

Main version: 8.1

Update versions: 8.1.97, 8.2/8.2.10, 8.2.14, 8.2.20

Last 6 tests: 0 passed, 1 failed, 5 no entry

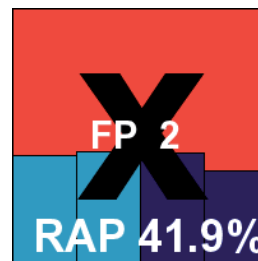
Last 12 tests: 0 passed, 1 failed, 11 no entry

**ItW on demand:** 100.00% **ItW on access:** 99.91%

**False positives:** 2 **Stability:** Stable

Italy's *TG Soft* has submitted its *VirIT* product for VB100 testing a few times in the past, most of them more than five years ago. Back for another try, it looks much the same as in

the past with a brightly coloured, rather fun old-school design, and proved fairly stable with only a very trivial error noted – a button that appeared not to function. Detection lagged some way behind most of the field, but things were a lot better in the certification sets; almost all of our WildList measures were fine, but a few items were missed in just one of three on-access runs over the sets. In the clean set meanwhile, a few items were flagged, including some HTML files included in a package from *Apple*. So there is no VB100 for *TG Soft* yet, but we would expect it to make the grade very soon.



### ThreatTrack VIPRE Internet Security Pro 2016

Main version: 9.3.5.7

Update versions: 3.9.2671.2-3.0/50298-7.66020, 50756-766280, 50928-7.66382, 51124-7.66520

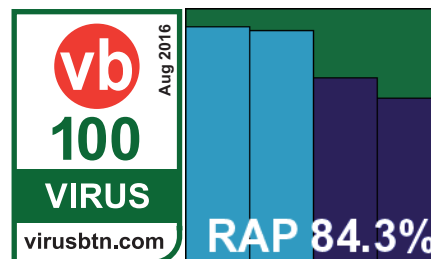
Last 6 tests: 3 passed, 0 failed, 3 no entry

Last 12 tests: 5 passed, 0 failed, 7 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Stable

The *VIPRE* brand continues to exist in a new guise, with the in-house engine originally developed by *Sunbelt* now sidelined by that oh-so-



popular *Bitdefender* engine. The latest version of the product has a clean and tidy interface, which performed pretty well with only some trivial surface glitches to complain about. Detection was pleasingly strong, and with a good run through the certification sets, a VB100 award is easily earned.

### TrustPort Antivirus 2016 (Consumer)

Main version: 16.0.0.5676

Update versions: N/A

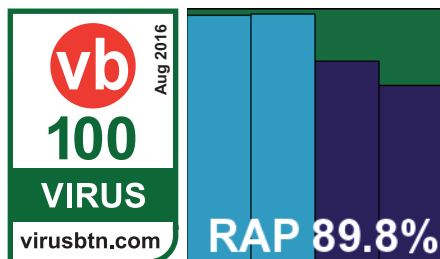
Last 6 tests: 4 passed, 0 failed, 2 no entry

Last 12 tests: 7 passed, 0 failed, 5 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Solid

The second entry for *TrustPort* this month, with little new to add thanks to its very close similarity to the entry in our Business category. With the rock-solid stability and superb detection levels to be expected from this product, it easily earns another VB100 award.



## Wontok SafeCentral Security Suite

Main version: 1.1.1251.0

Update versions: N/A

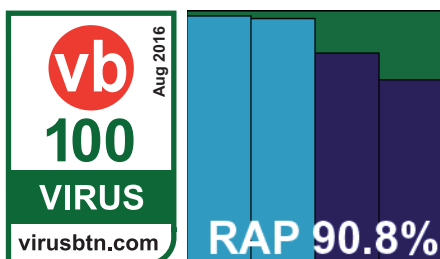
Last 6 tests: 1 passed, 0 failed, 5 no entry

Last 12 tests: 2 passed, 0 failed, 10 no entry

**ItW on demand:** 100.00% **ItW on access:** 100.00%

**False positives:** 0 **Stability:** Stable

The final product to comment on this month is another multi-engine affair, *Wontok* making use of both *Avira* and *Bitdefender*



engines to put together some more epic detection levels. With only a very minor visual glitch denting stability ratings and a perfect run through the certification sets, a VB100 award is well deserved by *Wontok*.

## UNTESTED PRODUCTS

This month there were no products submitted for testing which failed to reach the required standards to be included in this report.

## CONCLUSIONS

In this fairly busy desktop test with a broad range of participants, we saw a pleasingly high pass rate with most products comfortably able to deal with our baseline certification requirements. A few had some problems, most of which were related to false alarms in our clean sets – which happen to all products from time to time but seem

to hit some more than others. The main thing keeping the test team on their toes this month was stability, with the *Windows 10* platform still fairly new, still perhaps somewhat unstable in itself and, it would seem, still very easily tripped up by an unforeseen interaction with a complex piece of software. We saw a very large number of system crashes, blue screens and unplanned reboots this month, which hopefully the platform and product developers between them can resolve. For the most part these were likely influenced by the heavy loads our tests put on products, but quite a few occurred during much more 'normal' activities such as installing, configuring and updating products, so it's likely that at least a few users in the real world will have been seeing some of these problems too.

Next up, in a slight re-organization of our normal pattern of platforms, will be another visit to *Windows 7*, squeezed in to give *Microsoft* time to release the much-anticipated *2016 Server*, the big brother to *Windows 10*, which looks likely to give us another set of headaches.

### Technical details

All tests were run on identical systems with AMD A6-3670K Quad Core 2.7GHz processors, 4GB DUAL DDR3 1600MHz RAM, dual 500GB and 1TB SATA hard drives and gigabit networking, running *Microsoft Windows 10*, x64 Pro Edition.

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Certification tests - business products	On demand	On access	Clean sets		VB100
	Standard WildList	Standard WildList	FP	Warnings	
Avira Antivirus Pro	100.00%	100.00%			
CYREN Command Anti-Malware	100.00%	100.00%			
ESTsoft ALYac	100.00%	100.00%			
Fortinet FortiClient	100.00%	100.00%			
Ikarus anti.virus	100.00%	100.00%	3		X
iSheriff Security from the Cloud	100.00%	100.00%			
Quick Heal Seqrite Endpoint Security	100.00%	100.00%			
TrustPort Antivirus 2016 (Business)	100.00%	100.00%			

Product information - business products	Install time (m)*	Reboot required	Fully 64-bit	Third-party engine technology †	Stability score	Stability rating
Avira Antivirus Pro	8:30	√	X		0	<b>Solid</b>
CYREN Command Anti-Malware	7:45	X	√		5	<i>Fair</i>
ESTsoft ALYac	27:15	X	√	Bitdefender	0	<b>Solid</b>
Fortinet FortiClient	7:00	X	X		7	<i>Fair</i>
Ikarus anti.virus	2:30	X	X		0	<b>Solid</b>
iSheriff Security from the Cloud	9:45	X	X	Bitdefender	1	<i>Stable</i>
Quick Heal Seqrite Endpoint Security	28:00	X	√		3	<i>Stable</i>
TrustPort Antivirus 2016 (Business)	8:50	X	X	AVG/Bitdefender	0	<b>Solid</b>

0 = Solid 0.1 – 4.9 = Stable 5 – 14.9 = Fair 15 – 29.9 = Buggy 30+ = Flaky

\* Install time includes initial updates and time to enable on-access protection (assuming reasonable typing speed and familiarity with product operation)

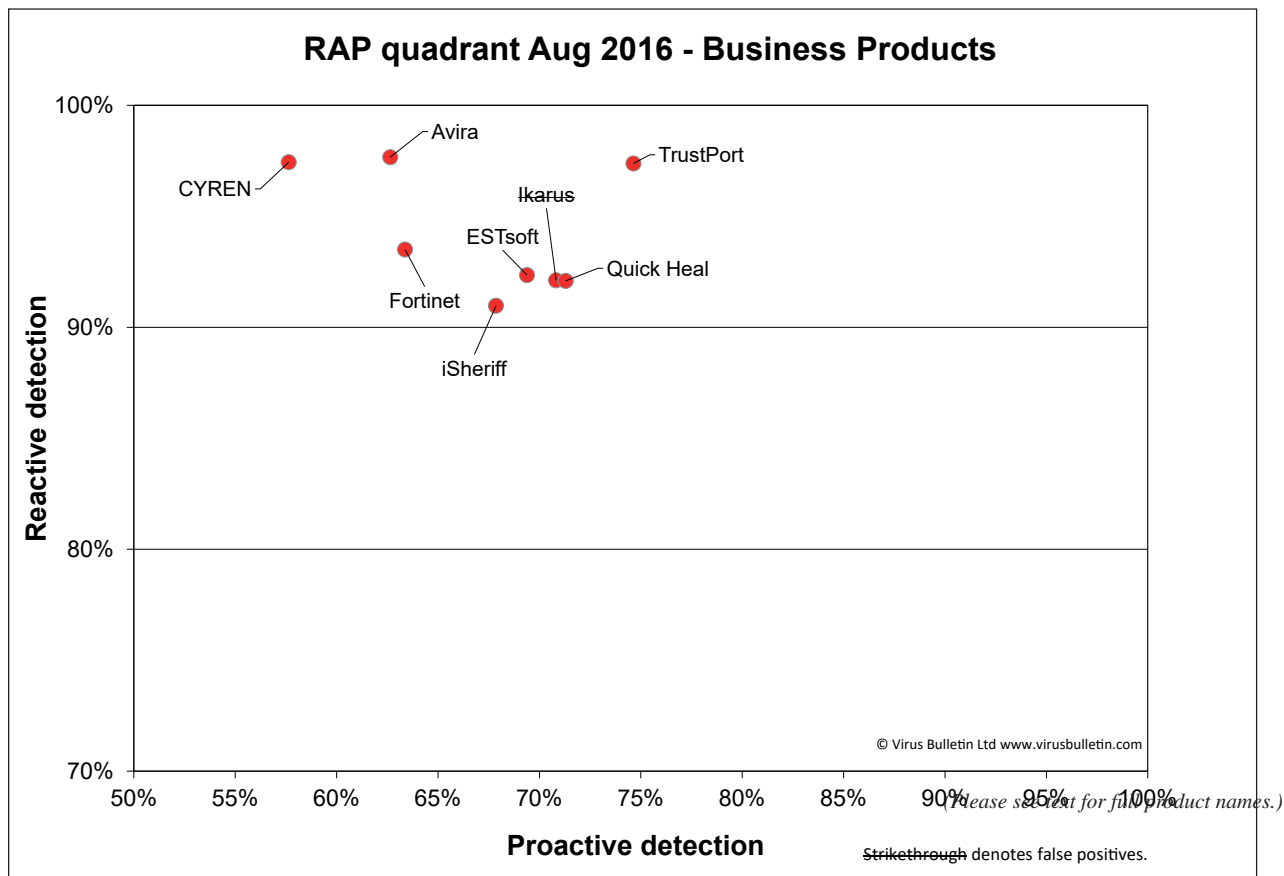
† Only records presence of third-party scanning engines, most products will include additional in-house technologies

Reactive and Proactive (RAP) tests - business products	VB100	Reactive		Proactive		Reactive average	Proactive average	Weighted average <sup>‡</sup>
		Set -2 <sup>*</sup>	Set -1 <sup>*</sup>	Set +1 <sup>†</sup>	Set +2 <sup>†</sup>			
Avira Antivirus Pro		97%	98%	65%	60%	97.7%	62.6%	86.0%
CYREN Command Anti-Malware		97%	97%	62%	53%	97.4%	57.6%	84.2%
ESTsoft ALYac		93%	92%	74%	65%	92.4%	69.4%	84.7%
Fortinet FortiClient		93%	94%	70%	57%	93.5%	63.4%	83.5%
Ikarus anti.virus	X	92%	92%	76%	66%	92.1%	70.8%	85.0%
iSheriff Security from the Cloud		92%	90%	73%	63%	91.0%	67.9%	83.3%
Quick Heal Seqrite Endpoint Security		93%	91%	75%	67%	92.1%	71.3%	85.2%
TrustPort Antivirus 2016 (Business)		97%	98%	79%	70%	97.4%	74.6%	89.8%

























<sup>\*</sup>Set -1 = Samples discovered 1 to 5 days before testing; Set -2 = Samples discovered 6 to 10 days before testing.

<sup>†</sup>Set +1 = Samples discovered 1 to 5 days after updates frozen; Set +2 = Samples discovered 6 to 10 days after updates frozen.

<sup>‡</sup>Weighted average gives equal emphasis to the two reactive weeks and the whole proactive part.



















Certification tests - consumer products	On demand	On access	Clean sets		VB100
	Standard WildList	Standard WildList	FP	Warnings	
Allit Service Zillya! Internet Security	91.02%	87.21%	32		X
Avast Free Antivirus	100.00%	100.00%		15	
AVG AntiVirus	100.00%	100.00%			
Avira Free Antivirus	100.00%	100.00%			
Bitdefender Antivirus Plus 2016	100.00%	100.00%			
BullGuard Antivirus	100.00%	100.00%			
Check Point ZoneAlarm Extreme Security	100.00%	100.00%			
Compuclever Antivirus Plus	100.00%	100.00%			
Emsisoft Anti-Malware	100.00%	100.00%			
eScan Internet Security Suite for Windows	100.00%	100.00%			
ESET NOD32 Antivirus	100.00%	100.00%			
Essentware PCKeeper Antivirus PRO	100.00%	100.00%			
G Data Antivirus	100.00%	100.00%			
Inca nProtect Anti-Virus Spyware	100.00%	100.00%			
K7 Total Security	100.00%	100.00%			
Kaspersky Internet Security	100.00%	100.00%			
Lavasoft Ad-Aware Free Antivirus +	100.00%	100.00%			
Lavasoft Ad-Aware Pro Security	100.00%	100.00%			
MSecure DenyWall Antivirus	100.00%	100.00%	6		X
NANO Antivirus PRO	100.00%	100.00%			
Panda Endpoint Protection	100.00%	100.00%			
PC Pitstop PC Matic Home Security	N/T	100.00%	13753		X
Quick Heal Total Security	100.00%	100.00%			
TeamViewer ITbrain Anti-Malware	100.00%	100.00%			
Tencent PC Manager	100.00%	100.00%			
Tencent PC Manager - TAV Edition	100.00%	100.00%			
TG Soft VirIT eXplorer PRO	100.00%	99.91%	2		X
ThreatTrack VIPRE Internet Security Pro 2016	100.00%	100.00%			
TrustPort Antivirus 2016 (Consumer)	100.00%	100.00%			
Wontok SafeCentral Security Suite	100.00%	100.00%			

Product information - consumer products	Install time (m)*	Reboot required	Fully 64-bit	Third-party engine technology †	Stability score	Stability rating
Allit Service Zillya! Internet Security	7:00	√	X		11	<i>Fair</i>
Avast Free Antivirus	5:45	√	√		0	<b>Solid</b>
AVG AntiVirus	4:30	√	X		5	<i>Fair</i>
Avira Free Antivirus	6:30	X	X		0	<b>Solid</b>
Bitdefender Antivirus Plus 2016	14:15	√	√		0	<b>Solid</b>
BullGuard Antivirus	8:00	X	√	Bitdefender	0	<b>Solid</b>
Check Point ZoneAlarm Extreme Security	12:00	√	X	Kaspersky	7	<i>Fair</i>
CompuClever Antivirus Plus	16:30	X	√	Bitdefender	1	<i>Stable</i>
Emsisoft Anti-Malware	8:00	X	√	Bitdefender	0	<b>Solid</b>
eScan Internet Security Suite for Windows	19:30	√	X	Bitdefender	0	<b>Solid</b>
ESET NOD32 Antivirus	20:00	X	√		0	<b>Solid</b>
Essentware PCKeeper Antivirus PRO	4:15	X	√	Avira	12	<i>Fair</i>
G Data Antivirus	9:00	√	X	Bitdefender	0	<b>Solid</b>
Inca nProtect Anti-Virus Spyware	7:30	X	X	Bitdefender	0	<b>Solid</b>
K7 Total Security	4:00	X	X		1	<i>Stable</i>
Kaspersky Internet Security	8:00	X	X		0.5	<i>Stable</i>
Lavasoft Ad-Aware Free Antivirus +	19:00	√	X	Bitdefender	5	<i>Fair</i>
Lavasoft Ad-Aware Pro Security	17:00	√	√	Bitdefender	12	<i>Fair</i>
MSecure DenyWall Antivirus	2:00	X	X	Ikarus	5	<i>Fair</i>
NANO Antivirus PRO	7:45	X	X		0	<b>Solid</b>
Panda Endpoint Protection	10:00	X	X		2	<i>Stable</i>
PC Pitstop PC Matic Home Security	3:15	X	X		25	<i>Buggy</i>
Quick Heal Total Security	24:15	X	√		8	<i>Fair</i>
TeamViewer ITbrain Anti-Malware	18:00	X	X	Bitdefender	2	<i>Fair</i>
Tencent PC Manager	12:45	X	X	Bitdefender	1	<i>Stable</i>
Tencent PC Manager - TAV Edition	1:45	X	X		1	<i>Stable</i>
TG Soft VirIT eXplorer PRO	14:30	√	√		1	<i>Stable</i>
ThreatTrack VIPRE Internet Security Pro 2016	8:30	X	X	Bitdefender	1	<i>Stable</i>
TrustPort Antivirus 2016 (Consumer)	8:50	X	X	AVG/Bitdefender	0	<b>Solid</b>
Wontok SafeCentral Security Suite	40:00	X	√	Avira/Bitdefender	1	<i>Stable</i>

0 = Solid 0.1 – 4.9 = Stable 5 – 14.9 = Fair 15 – 29.9 = Buggy 30+ = Flaky

\* Install time includes initial updates and time to enable on-access protection (assuming reasonable typing speed and familiarity with product operation)













† Only records presence of third-party scanning engines, most products will include additional in-house technologies

Reactive and Proactive (RAP) tests - consumer products	VB100	Reactive		Proactive		Reactive average	Proactive average	Weighted average <sup>‡</sup>
		Set -2*	Set -1*	Set +1 <sup>†</sup>	Set +2 <sup>†</sup>			
Allit Service Zillya! Internet Security	X	54%	47%	36%	32%	50.4%	34.0%	45.0%
Avast Free Antivirus		95%	93%	72%	63%	94.2%	67.4%	85.2%
AVG AntiVirus		94%	95%	66%	56%	94.4%	60.8%	83.2%
Avira Free Antivirus		97%	98%	65%	60%	97.7%	62.6%	86.0%
Bitdefender Antivirus Plus 2016		92%	92%	73%	65%	92.0%	69.1%	84.4%
BullGuard Antivirus		94%	92%	74%	65%	92.7%	69.6%	85.0%
Check Point ZoneAlarm Extreme Security		94%	92%	73%	65%	92.7%	69.1%	84.8%
Compuclever Antivirus Plus		87%	83%	59%	55%	84.6%	57.2%	75.5%
Emsisoft Anti-Malware		92%	91%	73%	64%	91.5%	68.4%	83.8%
eScan Internet Security Suite for Windows		94%	91%	72%	64%	92.6%	68.3%	84.5%
ESET NOD32 Antivirus		90%	90%	68%	64%	90.3%	65.6%	82.1%
Essentware PCKeeper Antivirus PRO		94%	91%	79%	86%	92.5%	82.5%	89.2%
G Data Antivirus		92%	90%	71%	61%	90.6%	66.2%	82.4%
Inca nProtect Anti-Virus Spyware		94%	89%	73%	64%	91.5%	68.6%	83.9%
Kaspersky Internet Security		N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Set -1 = Samples discovered 1 to 5 days before testing; Set -2 = Samples discovered 6 to 10 days before testing.

<sup>†</sup>Set +1 = Samples discovered 1 to 5 days after updates frozen; Set +2 = Samples discovered 6 to 10 days after updates frozen.

<sup>‡</sup>Weighted average gives equal emphasis to the two reactive weeks and the whole proactive part.

Reactive and Proactive (RAP) tests - consumer products contd.	VB100	Reactive		Proactive		Reactive average	Proactive average	Weighted average <sup>‡</sup>
		Set -2*	Set -1*	Set +1 <sup>†</sup>	Set +2 <sup>†</sup>			
K7 Total Security		84%	83%	60%	56%	83.5%	57.9%	74.9%
Lavasoftware Ad-Aware Free Antivirus +		94%	92%	73%	65%	93.0%	69.2%	85.0%
Lavasoftware Ad-Aware Pro Security		93%	92%	73%	65%	92.6%	69.2%	84.8%
MSecure DenyWall Antivirus	X	91%	88%	74%	64%	89.3%	68.8%	82.5%
NANO Antivirus PRO		73%	65%	57%	48%	69.0%	52.5%	63.5%
Panda Endpoint Protection		83%	84%	N/A	N/A	83.5%	N/A	N/A
PC Pitstop PC Matic Home Security	X	99.8%	99.9%	99.98%	99.8%	99.9%	99.9%	99.9%
Quick Heal Total Security		94%	91%	75%	67%	92.2%	71.3%	85.2%
TeamViewer ITbrain Anti-Malware		94%	92%	73%	65%	93.1%	69.2%	85.1%
Tencent PC Manager		94%	92%	74%	65%	92.9%	69.5%	85.1%
Tencent PC Manager - TAV Edition		N/A	N/A	N/A	N/A	N/A	N/A	N/A
TG Soft VirIT eXplorer PRO	X	42%	44%	43%	36%	43.1%	39.7%	41.9%
ThreatTrack VIPRE Internet Security Pro 2016		93%	91%	73%	65%	92.0%	68.9%	84.3%
TrustPort Antivirus 2016 (Consumer)		97%	98%	79%	70%	97.4%	74.6%	89.8%
Wontok SafeCentral Security Suite		98%	97%	83%	73%	97.2%	78.0%	90.8%

\*Set -1 = Samples discovered 1 to 5 days before testing; Set -2 = Samples discovered 6 to 10 days before testing.

<sup>†</sup>Set +1 = Samples discovered 1 to 5 days after updates frozen; Set +2 = Samples discovered 6 to 10 days after updates frozen.

<sup>‡</sup>Weighted average gives equal emphasis to the two reactive weeks and the whole proactive part.

