

2014

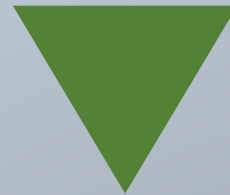
# PC SECURITY LABS

Android 4.0



Malware Detection Test

False Positive  
**COMPARATIVES**



## Power Consumption

Mobile Security



DC Voltage-Stabilized Power Supply

**PCSE**  
IT CONSULTING INSTITUTE

# Privacy

目录

1. 测试背景..... 2

2. 测试流程..... 2

3. 待测软件信息..... 3

4. 测试结果..... 4

4.1 手机病毒检测率、误报情况及得分 ..... 4

4.2 月度奖项..... 5

5. 测试方简介..... 6

6. 权利说明..... 6

7. 免责声明..... 7

联系我们：

浙江省嘉兴市南湖区凌公塘路 3339 号科创中心 3 号楼 3304-3306

TEL: +86 573 82809089      FAX: +86 573 82808561      Mail : info@pitci.com

## 1. 测试背景

对于当今世界上许多人来说，智能手机在他们的生活中扮演了越来越重要的角色，越来越多的人通过智能手机上网获取和传递信息。2013 年 5 月 15 日，Gartner 公布了 2013 年一季度全球智能手机出货量的数据，Android 系统在智能手机系统份额中以 74.4% 的份额稳坐第一，相比去年同期的 56.9% 增长了 17.5 个百分点。

随着 Android 手机的逐渐普及，越来越多的 Android 手机病毒也开始涌现。一些手机病毒通过谷歌电子市场、彩信、与刷机包捆绑等方式来进行传播，它们通过拨打电话、发送短信订制服务增加额外话费损耗；通过偷取用户短信、通讯录、通话记录等方式来窃取用户隐私，进而损害用户利益。

## 2. 测试流程

准备预装 Android4.0 的手机设备，准备镜像文件备用，测试手机由美尔诺直流稳压电源代替电池提供电力支持。

具体测试流程如下：

1. 准备 2000 余个手机病毒和一批正常 Android 软件安装文件至手机 SD 卡。
2. 还原镜像文件并安装待测手机安全软件。
3. 更新手机安全软件并使用手机安全软件扫描 SD 卡上的手机病毒文件及正常 Android 软件，如手机安全软件未提供全盘扫描功能，则逐一进行手动安装并记录病毒侦测情况及误报。
4. 检测完毕后还原镜像并重复步骤 1 至步骤 3。

### 3. 待测软件信息

软件名称	厂商	版本号
avast! Mobile Security	AVAST	3.0.6978
F-Secure Mobile Security	F-Secure	8.3.13929 FS_ES
Dr.Web anti-virus Light	Dr.Web	7.00.10(0)
Kaspersky Internet Security for Android	Kaspersky Lab	11.1.7.78
Quick Heal Mobile Security	Quick Heal	1.01.070
Trend Micro Mobile Security	Trend Micro	3.5.0.1348
Zoner AntiVirus Free	ZONER	1.8.2
COMODO Mobile Security	COMODO	2.4.1
TrustGo Mobile Security	TrustGo	1.3.14
Malwarebytes Anti-Malware Mobile	Malwarebytes	v1.02.1.1000
腾讯手机管家	Tencent	4.6.0 Build 2321
百度手机卫士	Baidu	V4.1.0





## 4. 测试结果

### 4.1 手机病毒检测率、误报情况及得分

软件名称	样本总数	未侦测数	侦测率	误报
Kaspersky Internet Security for Android	2204	2	99.909%	0
腾讯手机管家	2204	2	99.909%	0
Trend Micro Mobile Security	2204	11	99.501%	0
TrustGo Mobile Security	2204	13	99.410%	0
百度手机卫士	2204	24	98.911%	0
avast! Mobile Security	2204	27	98.775%	0
F-Secure Mobile Security	2204	29	98.684%	1
Quick Heal Mobile Security	2204	83	96.234%	0
COMODO Mobile Security	2204	86	96.098%	0
Dr.Web anti-virus Light	2204	97	95.599%	0
Malwarebytes Anti-Malware Mobile	2204	1018	53.811%	0
Zoner AntiVirus Free	2204	1868	15.245%	0

软件名称	侦测率	误报	得分	排行
Kaspersky Internet Security for Android	99.909%	0	99.909	1
腾讯手机管家	99.909%	0	99.909	1
Trend Micro Mobile Security	99.501%	0	99.501	3
TrustGo Mobile Security	99.410%	0	99.410	4
百度手机卫士	98.911%	0	98.911	5
avast! Mobile Security	98.775%	0	98.775	6
F-Secure Mobile Security	98.684%	1	98.584	7
Quick Heal Mobile Security	96.234%	0	96.234	8
COMODO Mobile Security	96.098%	0	96.098	9
Dr.Web anti-virus Light	95.599%	0	95.599	10
Malwarebytes Anti-Malware Mobile	53.811%	0	53.811	11
Zoner AntiVirus Free	15.245%	0	15.245	12

4.2 月度奖项

厂商	最终得分	奖项
Kaspersky Lab	99.909	
Tencent	99.909	
Trend Micro	99.501	
TrustGo	99.410	
Baidu	98.911	
AVAST	98.775	
F-Secure	98.584	
Quick Heal	96.234	
COMODO	96.098	
Dr.Web	95.599	
Malwarebytes	53.811	
ZONER	15.245	

最终得分=病毒侦测率\*100-0.1\*误报数

## 5. 测试方简介

嘉兴市辰翔信息科技有限公司，位于浙江省嘉兴市，作为一家专业的计算机安全软硬件及 IT 软硬件的咨询测试公司，为用户选择 IT 产品提供参考。公司将在传统的 PC 端安全软件咨询测试的基础上逐步开展 PC 端通用软件、服务器安全软件及其他通用软硬件的咨询与测试工作。

## 6. 权利说明

除非另有说明，嘉兴市辰翔信息科技有限公司（简称“辰翔科技”，下同）拥有本报告的版权，未经辰翔科技事先书面授权许可，任何机构或个人无权擅自更改本报告内容或以任何方式以商业目的而使用本报告（包括但不限于发送、传播、复印、摘编等）。

本报告中所使用的辰翔科技商标、服务标识及标记，除非另有说明，均为辰翔科技的商标、服务标识及标记，辰翔科技对此拥有版权，任何侵犯辰翔科技版权之行为，均为违法行为，辰翔科技将对此依法追究侵权人相关法律责任。

Unless otherwise stated, Jiaxing Chenxiang Information Technology Co., Ltd. (hereinafter referred to as “Chenxiang Information Technology” ) owns the copyright of this report. Without prior written consent of Chenxiang Information Technology , no other unit or individual shall have the right to alter the contents of this report and use this report for commercial purposes by any means (including but not limited to transmission, dissemination, reproduction, excerpt, etc.).

Unless otherwise stated, Chenxiang Information Technology shall be the rightful owner of the trademarks, service marks of Chenxiang Information Technology used in the report. Any action of infringing upon the legal rights of Chenxiang Information Technology is prohibited, Chenxiang Information Technology shall have the right to pursue the legal liability of the infringer in accordance with the law.

## 7. 免责声明

辰翔科技在此特别提醒，在使用本公司报告前，请认真阅读、充分理解本声明中各条款，包括免除或限制辰翔科技责任的免责条款及对用户的权利限制，如果您对本声明中的任何条款表示异议，可以选择不使用本报告，您使用本报告的行为将被视为对本声明全部内容的认可，并同意接受本声明全部条款的约束。

1、本报告由辰翔科技向读者提供，所载全部内容仅系提供读者参考之用，并不构成对其选择、购买、使用产品之建议，也不构成对其选择、购买、使用报告中所涉产品的邀请或保证。辰翔科技不担保内容的绝对准确性和完整性，读者不应单纯依靠本报告而取代个人的独立判断，辰翔科技建议读者如有任何疑问，应当咨询国家相关部门并进行独立选择、购买或使用判断。

2、本报告所载内容为辰翔科技在报告发表日当日对有关产品性状的判断，在其它不同日期辰翔科技可发出与本报告内容不一致或有不同结论的报告，但辰翔科技无义务或责任为此将原报告涉及内容及及时更新并由此通知读者，在此情形下辰翔科技不对读者因使用本报告所产生的损失负任何责任。

3、本报告可能附带其它网站的地址或超级链接，目的纯粹是为了读者使用方便，所链接网站的内容不构成本报告的任何部分，读者需自行承担浏览该类网站的风险、费用或者损失。同时辰翔科技不对此类网站的内容（包括但不限于广告、产品或其他资料）的真实性、完整性、准确性及合法性负责或保证，读者使用或依赖任何此类网站或经由此类网站获得的任何内容、商品或服务所产生的任何损害或损失，辰翔科技不承担任何直接或间接法律责任。

4、辰翔科技可能与生产本报告涉及产品的公司间已存在或将存在业务关系，但无需事先或在将来建立业务关系后通知其他读者。

5、读者接收本报告并不视为和辰翔科技建立业务关系，辰翔科技无需因此而对其承担类似客户关系情形下的任何法律责任。

6、所有辰翔科技报告测试对象之产品样品，系辰翔科技于正规合法销售渠道购买之产品，故本报告内容仅适合于从正规合法渠道购买之产品，而不适于从其他渠道所得之产品，读者使用非正规合法销售渠道产品所产生的任何风险或损失，与辰翔科技无关，在此情形下辰翔科技概不承担任何法律责任。

7、本报告可能会涉及公司或个人所有的商标或其相关照片、图案，若任何单位或个人认为涉嫌侵犯其合法权益，可及时与辰翔科技联系，以便辰翔科技迅速作出处理。

对上述声明的解释、修改及更新权属辰翔科技所有。



Notice that before using the report issued by Jiaxing Chenxiang Information Technology Co. Ltd ( hereinafter referred to as “Chenxiang Information Technology” ), please carefully read and fully understand the terms and conditions of this disclaimer (hereinafter referred to as “Disclaimer ” ), including the clauses of exclusion or restriction of the liabilities of Chenxiang Information Technology and the limitation the rights of users. If you have any objection to the terms and conditions of this Disclaimer, you have the right not to use this report, the act of using this report will be regarded as an acceptance and the recognition of the terms and conditions of this Disclaimer, so by using this report, you agree to the following terms and conditions:

- 1、 The report is provided by Chenxiang Information Technology, all the contents contained herein are for reference purpose only, but will not be regarded as the suggestion, invitation or warranty for readers to choose, purchase or use the products mentioned herein. Chenxiang Information Technology will not guarantee the absolute accuracy and completeness of the contents of the report, you should not rely solely on this report or substitute the viewpoints of the report for your independent judgment. If you have any queries, please consult the relevant departments of the State and then choose, purchase or use products by your independent judgment.
- 2、 The contents contained herein is the judgment made by Chenxiang Information Technology to the product characteristics as of the date of the report published, in the future Chenxiang Information Technology will have the right to issue the new reports which contain different contents or draw different conclusions, but Chenxiang Information Technology has no obligation or responsibility to update the original report or inform readers of the update of it, in this case, Chenxiang Information Technology will bear no responsibility for readers’ loss of using the original report .
- 3、 The report may contain links to other websites, which are provided solely for readers’ convenience to use, the contents of the linked websites are not any part of this report. Readers shall assume the risks and losses or bear the costs when visiting such websites, Chenxiang Information Technology will not guarantee the authenticity, completeness , accuracy and legitimacy of the contents of such websites (including but not limited to advertising, products or other information). Chenxiang Information Technology does not accept any liability (direct or indirect) for readers’ damages or losses arising from their clicking on or viewing such websites to obtain some information, products or service.

4、Chenxiang Information Technology may have or will have a business relationship with the companies which produce the products mentioned in this report, but has no obligation to notify readers about it, no matter there has already been or there will be such business relationship in the future.

5、The act of readers' receiving this report are not regarded as the establishment of the business relationship between readers and Chenxiang Information Technology, so there is no customer relationship existing, Chenxiang Information Technology does not accept any legal liability as the readers' customer .

6、The products which are used to be tested as the samples by Chenxiang Information Technology are bought through official way and legal means, so the report is proper for products bought through official way and legal means, not for products bought through unofficial way and illegal means. Therefore it' s the users buying such products who will be responsible for any risk or loss arising therefrom. Chenxiang Information Technology will not have or accept any liability whatsoever for any such risk or loss.

7、Some trademarks, photos or patterns owned by units or individuals will probably be used in this report, if you think your legal right and interests are infringed, please contact Chenxiang Information Technology promptly, Chenxiang Information Technology will handle the matter as quickly as possible.

Chenxiang Information Technology reserves the rights to interpret, modify and update the Disclaimer.