

SecuriON

Mobile Antivirus Solution OnAV

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2024.10

AI based Cyber Security Mobile-IoT-5G SECaaS Provider



A machine learning based anti-virus
OnAV



A comprehensive IoT and mobile security protection
OnTrust



An Automatic analysis of malicious application
OnAppScan

* Supported platforms : Android, Linux, Gooroom

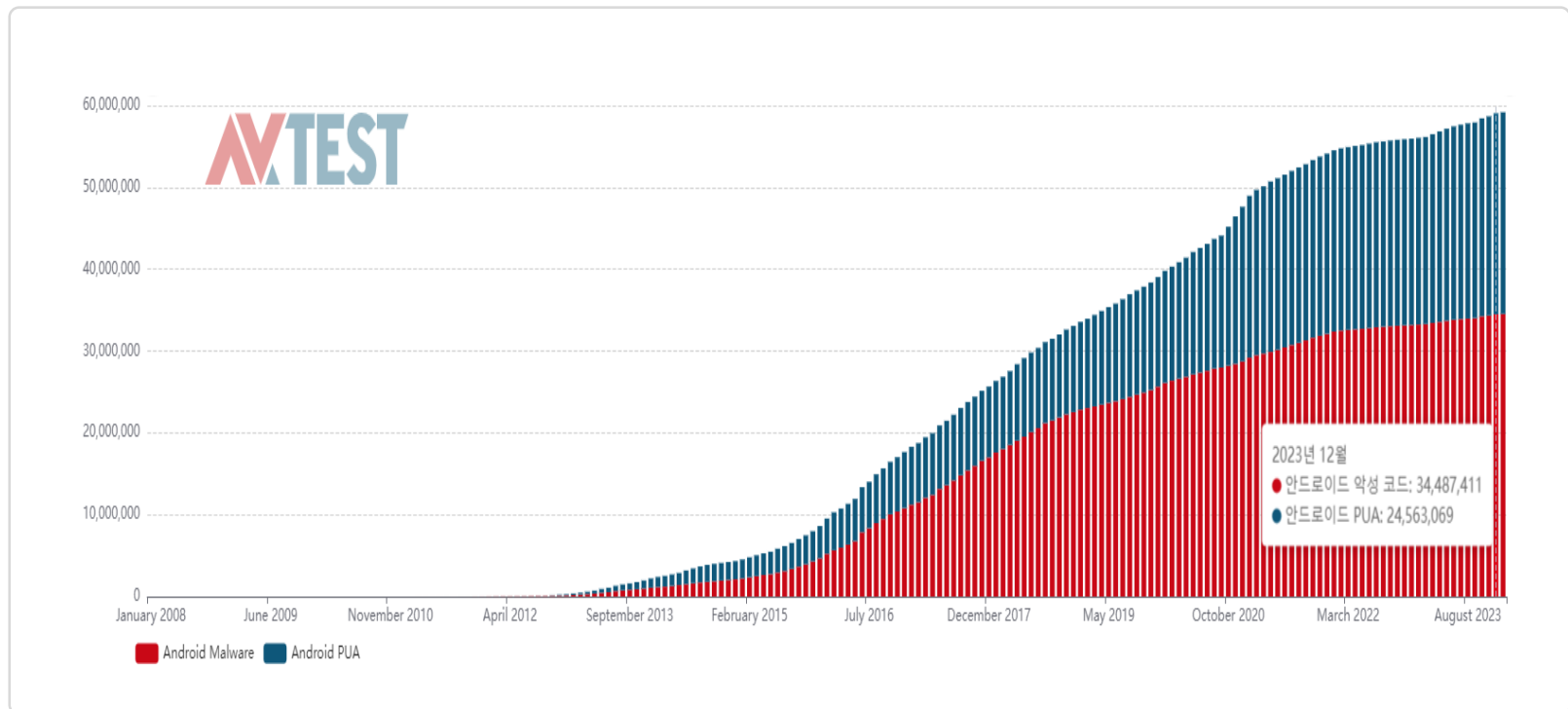
» SecuriON, Inc

CEO	Yu Dong hun
Flagship business	AI-based cyber security
Address	Songpa Road 201, Songpa-gu, Seoul Build No.A, Songpa Terra Tower 2, G12 9-2 OS-33
establishment	2019.05.15
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Homepage	http://www.securion.co.kr/

» Milestone

2024	OnTrust, 2024 Excellent Information Protection Technology (Product) Designation
2023	Release of OnAppScan V2.0 for detecting voice phishing malware ISO 9001 Quality Management System Certification OnTrust wins the 2023 Second Half Information Security Product Innovation Award
2021	Release of OnTrust, a comprehensive mobile and IoT security protection CEO Yoo Dong-hoon received a commendation from the Minister of Education
2019	Establishment of SecuriON Corporation (5.15) OnAV/OnAppScan launched

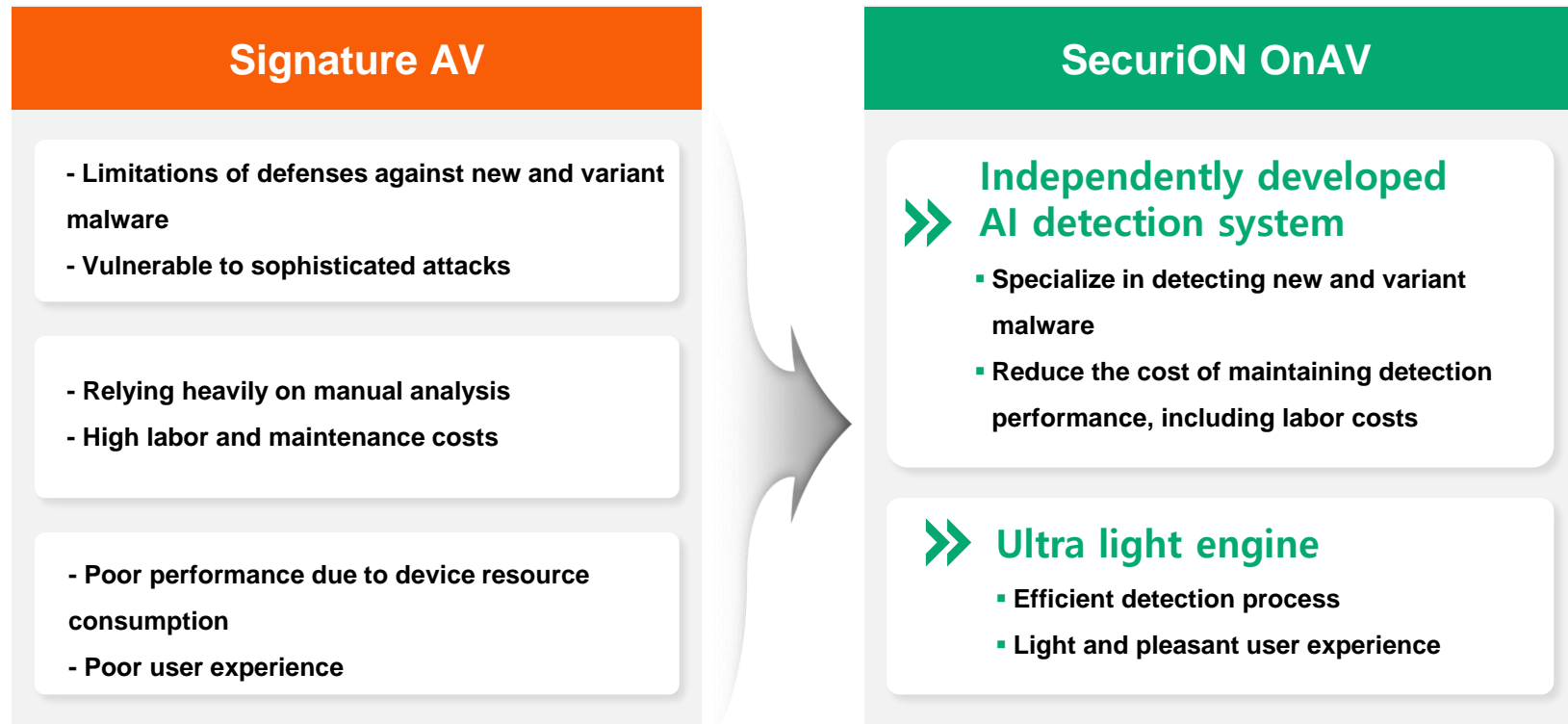
Android Malicious Apps and Potential Malicious Apps Increase



2. Background (2) Limitations of the Existing Technology

AI security solution OnAV with 100% detection rate

Advanced threat response at a reasonable cost

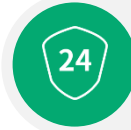


OnAV, Annual License (SaaS) Sales



Malware scanning

- Pattern Scanning
- AI(machine learning) scanning
- Review on reputation



Real-time monitoring



Malware Treatment



Inspection for device rooting

Administrator Dashboard

Type of Sales

Provide SDK

Add features to corporate services

Light re-branding (OEM)

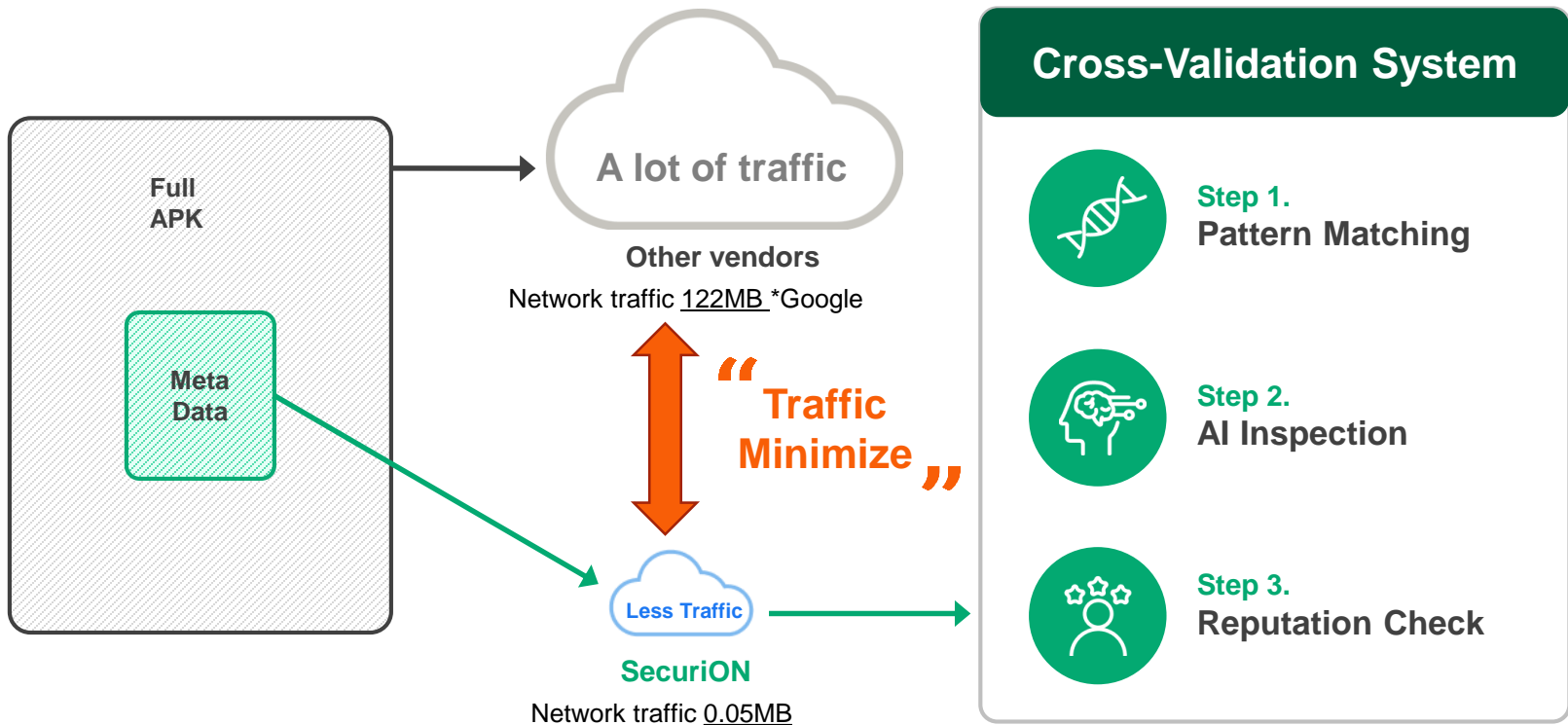
Change of product name and logo

Perfect re-branding (OEM)

Customized protection

ML-based malicious app detection system 'CVS'

Achieve high detection rates and low resource consumption



3. OnAV (3) Strengths

Validated by the international organization AV-TEST

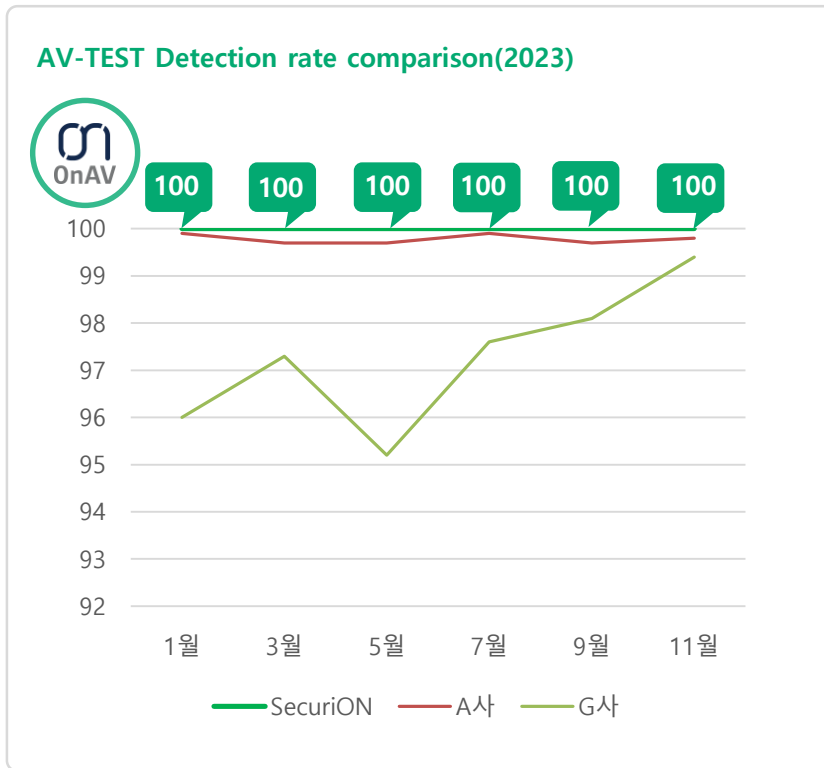
OnAV delivers faster, lighter performance than the competition

Category				
	Securion	A	G	A
Malware detection rate of more than 99%	100	99.8	97.2	99.9
Uses less than 1MB of download data for installing the application	0.40M	12.33M	1152.33M	15.38M
Within 1MB of Traffic Usage rate (when the screen is off)	0.05M	0.68M	122.01M	0.06M

※ AV-TEST analysis results (a total of 6 times)

3. OnAV (3) Strengths

Acquired global certifications & high detection rate



Android security apps in an endurance test
How successfully malware is detected

AV-Test May to October 2023

Manufacturer	Product	Detection Rate Real-Time Testing	Detection Rate Reference Set
SecuriON	OnAV	100%	100%
Avast	Antivirus & Security	100%	100%
AVG	AntiVirus FREE	100%	100%
Bitdefender	Mobile Security	100%	100%
Kaspersky	Plus for Android	100%	100%
Norton	Norton 360	100%	100%
Trend Micro	Mobile Security	100%	100%
Sophos	Intercept X for Mobile	99.9%	100%
Avira	Antivirus Security	99.8%	100%
F-Secure	Total Security & VPN	99.8%	100%
ESET	Mobile Security	99.8%	99.9%
G DATA	Mobile Security	99.6%	100%
McAfee	Mobile Security	99.6%	100%
AhnLab	V3 Mobile Security	99.6%	99.9%
TTB	Antivirus : Mobile Security	99.4%	99.9%
Protected.net	Total AV	96.9%	100%
Google	Play Protect	94.9%	98.9%

출처 : AV-Test

4. System Requirements & Specification

Offer different SDK types based on customer needs

Division	OnAV for Endpoint		OnAV for App	
	SDK Stand alone	SDK Cloud	SDK	App
Operating System	Android 4.1(16) +	Android 4.1(16) +	Android 4.1(16) +	Android 5.0(21) +
Service link type	Built in	Built in	Built in	App to App/Web to App
Providing module	AAR file, sample project	AAR file, sample project	AAR file, sample project	Agent sample project
Size	5MB or less (AAR)	5MB or less (AAR)	5MB or less (AAR)	10MB or less (APP)
Pattern size	7MB or less	7MB or less	7MB or less	7MB or less
Features	Pattern+Reputation Inspection (Pattern+(ML)Rep) Fast and affordable	Cloud-based ML scanning Real-time AI Specialized in new and variant malware detection	Integrated built-in product Suitable for re-branding	App to App linkage A real-time protection for customer's app

Response to inconveniences and obstacles at all times

» Inconvenience reception channel

- 24/7 reception by phone and e-mail
- Operation of emergency contact network

» Response by level of failure situation

- Response actions based on general/urgent priority

» Report

- Complaint handling results provided by email
- Provide response result report according to problem grade and type

Category	How to use the product / maintenance policy
Department in charge	SecuriON Technical Support Team
Phone	070-4365-5938, 02-575-3339
Fax	02-575-3340
Email	support@securion.co.kr
Operating time	10:00 ~ 17:00 (Korean time, closed on weekends/holidays)
Home page	www.secursion.co.kr
Free maintenance	Free maintenance support for 1 year after purchase
Paid maintenance	Support for paid maintenance contract after 1 year of purchase

6. Certifications and Awards

OnAV received the top 3 global certifications



Germany



Austria



England



South Korea



China



China



OnTrust wins the Information Security Product Innovation Award in the second half of 2023



OnTrust and OnAV for Gooroom certified by Korea Intelligence and Information Society Agency



OnTrust, 2024 Excellent Information Protection Technology (Product) Designation



SecuriON obtained ISO 9001 Quality Management System Certification



OnTrust, SMB Technology Market Certification (Small and Medium Business Technology Market Council)

7. Patent

Securing Korean intellectual property rights for key technologies



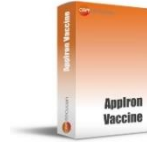
1. Linux Kernel Integrity Check and Data Recovery
2. Malware diagnosis and removal on mobile devices
3. Memory management technology consisting of a vulnerability detection architecture
4. Binary patch device to supplement vulnerabilities

8. References



SK Shieldus 'Mobile Guard'

-14.24 million downloads, 720,000 MAUs
 -Implemented security features that reflect the latest attack types



Secucen 'Appron'

-30 enterprise and institutional app services
 -Flexible issue response and reliable service support

National Disaster Safety Communication Network

8. References

Public sector



Private sector



Thank you

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