AV-COMPARATIVES MALWARE PROTECTION TEST FACT SHEET

DeepArmor® Results
September 2019

In September, independent test lab, AV-Comparatives, completed their second Business Malware Protection Test of 2019. This testing includes 19 market-leading endpoint security solutions that are assessed on their ability to protect a system against infection by malicious files before, during, and after execution.

"We are pleased to see that the AI detection engine in SparkCognition's DeepArmor® solution is so effective, with the product detecting 100.0% of threats in our Malware Protection Test."

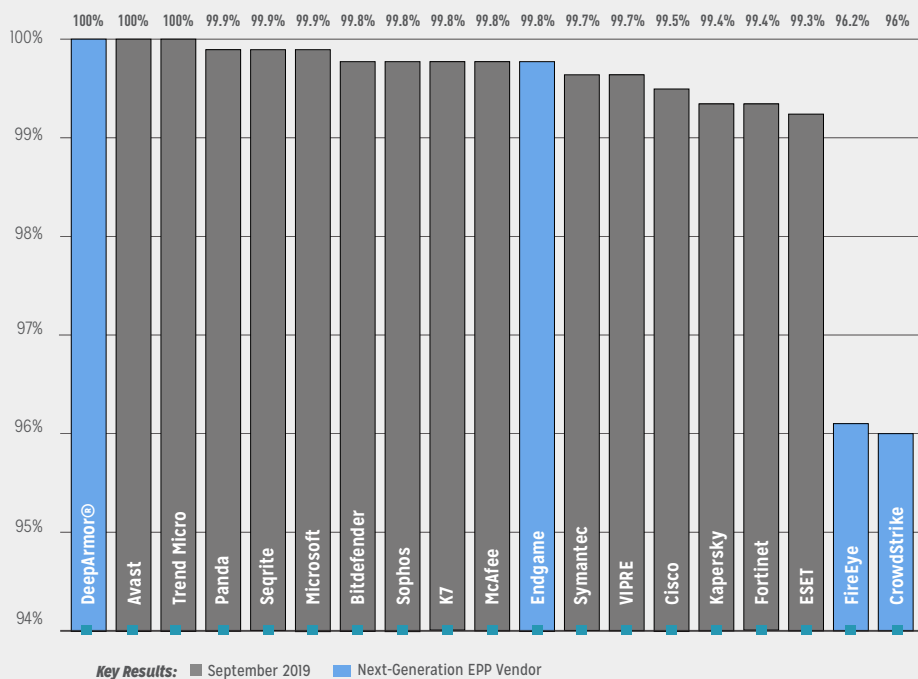—ANDREAS CLEMENTI, FOUNDER & CEO, AV-COMPARATIVES

DEEPARMOR® MALWARE TEST RESULTS

SparkCognition's DeepArmor® Endpoint Protection Platform scored a 100.0% protection rate with zero false positives on common business applications. DeepArmor tied for the highest overall score among the nineteen security solutions that participated in the test and was the top score among next-generation solutions that participated.

> *Independent third party testing is essential to helping customers trust that a vendor can deliver the protection they expect. SparkCognition is advancing the science of AI in order to stop the world's most advanced attacks and this is another data point that we are on the right track.*

—BRYAN LARES,
DIRECTOR OF PRODUCT MANAGEMENT
SPARKCOGNITION

- **100.0% Malware Protection Rate**
- **Zero False Positives**
- **Tied for the #1 score among 19 total endpoint protection solutions, achieving the top over all score for the second consecutive test.**
- **#1 Malware Protection Score among Next Generation Endpoint Protection Solutions including CrowdStrike, Endgame, FireEye**

AV Comparatives Malware Protection Test– September 2019

VENDOR	SEP. RANKING	CHANGE FROM MARCH
DeepArmor	1	<->
Avast	1	<->
Trend Micro	1	↑ +5
Panda	4	↓ -3
Seqrite	4	↑ +6
Microsoft	4	↑ +8
Bitdefender	7	↓ -6
Sophos	7	↓ -6
K7	7	↑ +2
McAfee	7	↑ +2
Endgame	7	↑ +6
Symantec	12	↓ -6
VIPRE	12	<->
Cisco	14	↓ -8
Kapersky	15	↑ +1
Fortinet	15	↑ +3
ESET	17	↑ +2
FireEye	18	↓ -7
CrowdStrike	19	↓ -7

Key Results: ■ September 2019   ■ Next-Generation EPP Vendor

TEST METHODOLOGY

Prior to execution, all the test samples are subjected to on-access scans (if this feature is available) by the security program (e.g. while copying the files over the network). Any samples that have not been detected by the on-access scanner are then executed on the test system, with internet/cloud access available, to allow e.g. behavioral detection features to come into play. If a product does not prevent or reverse all the changes made by a particular malware sample within a given time period, that test case is considered to be a miss. For this test, 1,278 recent malware samples were used. In addition, a false alarm test done with common business software was also performed. As expected, all the tested products had zero false alarms on common business software.

ABOUT AV-COMPARATIVES

AV-Comparatives is an independent organization offering systematic testing that checks whether security software such as PC/Mac-based antivirus products and mobile security solutions, lives up to its promises. Using one of the largest sample collections worldwide, it creates a real-world environment for truly accurate testing. AV-Comparatives offers freely accessible results to individuals, news organizations, and scientific institutions. To learn more, visit www.av-comparatives.org