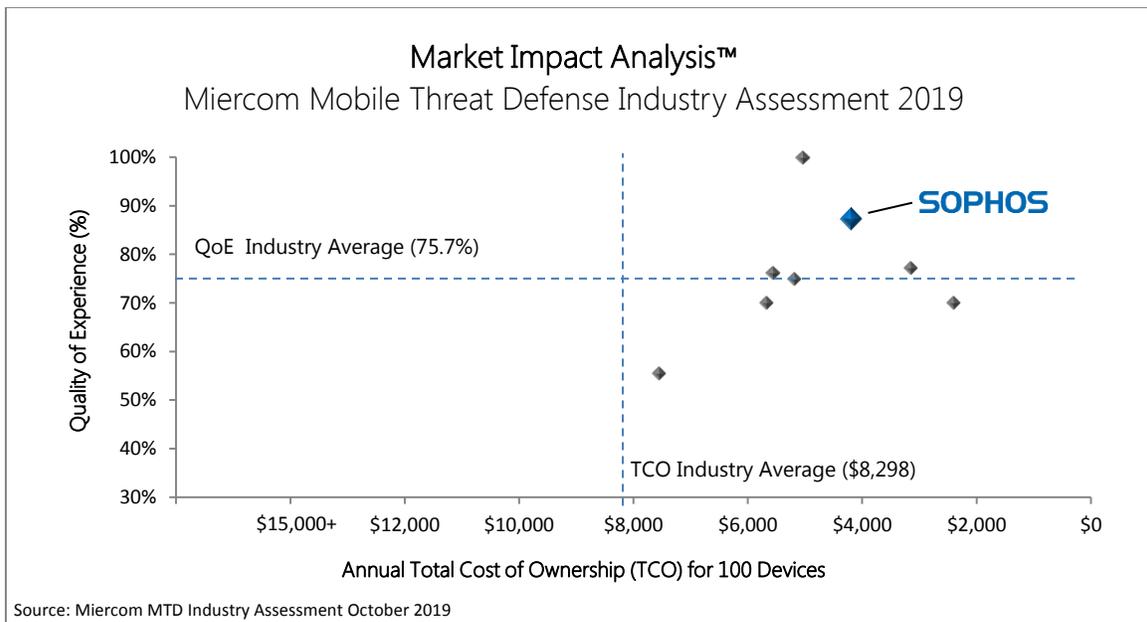


# SOPHOS

## Sophos Mobile

Sophos Mobile combines Unified Endpoint Management (UEM) and Mobile Threat Defense (MTD) is a single solution to reduce the effort needed to both manage and secure mobile endpoints in a BYOD network with Android and iOS devices. Uniform policies ensure consistency to guard business data and its users on any mobile platform. Further protecting private information, Sophos provides a Container-only Management to prevent intrusion of email and documents containing corporate data. Remote management can install, remove or review applications to control, whitelist, blacklist and configure. Its deep learning anti-malware, PUA, phishing and web protection, and URL filtering can be enforced and viewed in reports to increase simplicity of mobile visibility.

For more information, visit: <https://sophos.com/mobile>.



The Market Impact Analysis™ Graph (MIA Graph) for MTD is derived from first-hand testing and/or comparative observations, previous reports, and other sources for vendors Miercom identifies as market leaders for enterprise MTD. The graph is a summary of the evaluation providing an overall view of projected value for showing the relationship between product overall effectiveness and the total cost of ownership for one year to protect 100 mobile devices. Quality of Experience (QoE) is measured using the average rates of detection and prevention efficacy, as well as scored ease of use and remediation action options, and other criteria. Total Cost of Ownership (TCO) includes the costs for licensing, for support, time of installation and deployment, and management and maintenance for 100 licensed users. This chart combined with evaluation notes included for each vendor's product can help customers make informed purchasing decisions and provide insight to the MTD competitive landscape. Other vendor solutions not shown in this chart are included in the calculations of the Industry Average QoE and TCO. These averages presented are a snapshot of the state of the market at the time of publishing the MTD Industry Assessment 2019.

## Key Strengths

- 90% malware prevention
- 100% detection of zero-day malware, false positives and sideloaded malware
- 80% prevention against persistent malware
- 100% detection of sensitive file system access, unsecure network traffic and cloud services
- 100% prevention of data exfiltration
- 100% detection of known and zero-day phishing sites, malicious URLs and
- 100% high quality content-based browsing filtering
- Easy client installation, user action and intuitiveness
- Supports Mobile Device Management (MDM) integration-based remediation

## Features Not Verified

The following are features were not observed during testing:

- Sensitive information collection detection
- Command & control communication detection
- Prevention of dynamic code downloads
- Application privacy detection
- Man-in-the-Middle attack detection and prevention
- Enterprise developer certificate detection
- Unsecure device settings
- Policy Compliance and conditional access

## Suggested Recommendations

- Improve sensitive application permission detection

## Analysis

### **Recommended Buy:** High Quality and Excellent Cost

Sophos Mobile proved superior security efficacy and achieved a QoE score of 87 percent, 12 percent higher than other products evaluated. This score reflects its ability to detect malware, network threats and device vulnerabilities, while providing appropriate and easy to use interfaces for immediate visibility, control and remediation. Considering it is one of the most affordable solutions for MTD products, Sophos provides an impressive defense that will protect enterprise BYOD networks.

We did not receive a response from Sophos to participate in this MTD industry study. Our results are based off our own observations with publicly available resources and feedback from customers currently using this product. Sophos Mobile is recommended to resubmit their current product for evaluation and receive feedback from Miercom engineers and prove unverified features.

## About Miercom MTD Testing

Each product that was tested independently in the Miercom Industry Assessment was evaluated using sets of malware, network attacks and device vulnerabilities in a controlled environment. To test MTD features, the smartphones and tablets were removed from all Internet connections and threat samples were introduced via USB drive. The mobile security program was directed to scan for threats and, upon completion, the results were recorded as a percentage detected and/or blocked from the total samples sent. Any and all anomalies which may have occurred during testing were noted as well. All software used to conduct these threats were obtained on the Internet, Google Play Store and/or Apple AppStore.

Every vendor is afforded the opportunity to represent their product in our Industry Assessment product reviews, free of charge. Any vendor included in our studies has had opportunity to review results before publishing and has opportunity to resubmit a product for test review if they do not agree with the results.

Some vendors opted to not actively participate in our study. Regardless, Miercom reserves the option to review products through open source means, through customer deployments and feedback, or by using data from previous product reviews.

Miercom is an editorial publishing company and reserves the right to publish and print editorial opinion on vendor products. We never agree to overly restrictive EULAs or other legalese of unconscionable terms that suppress free speech or limit the comparing and contrasting of products or services which impede customers from making informed purchasing decisions.