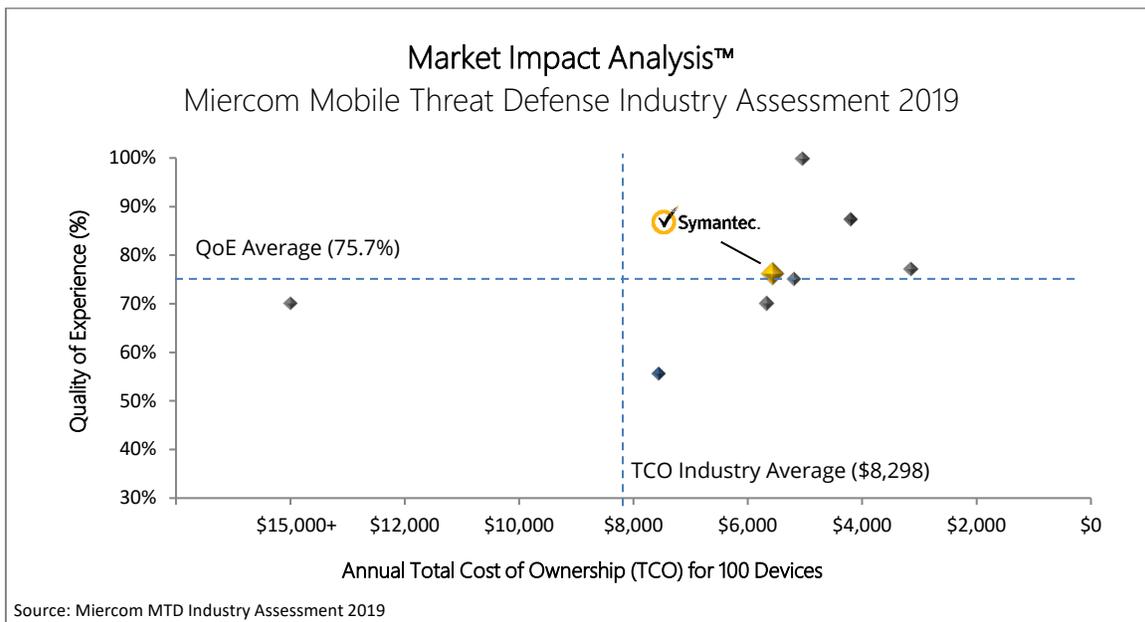




## Symantec Endpoint Protection Mobile

Symantec Endpoint Protection (SEP) Mobile provides real-time protection for mobile devices using predictive and multi-sourced machine learning intelligence, automated asset protection, policy enforcement, multi-platform integration and visual activity logs. This enterprise-grade solution can be quickly deployed on iOS and Android while being easy to manage and resource efficient. SEP Mobile has instant defense against malware, network attacks, device vulnerabilities and physical loss – such as compromised or lost devices.

For more information, visit: <https://www.symantec.com/products/endpoint-protection-mobile>.



Using collected data from our observations, comparative test reports and other sources, we formed the Market Impact Analysis™ map of current enterprise MTD products. This visual evaluation presents the relationship between product quality and value over the course of one year. 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. Total Cost of Ownership (TCO) factors in the costs of installation, management and maintenance into product purchase price for 100 licensed users.

The graph shows a quick view of product effectiveness relative to projected total costs, allowing enterprises to make better informed purchasing decisions and providing insight to vendors as to where their product is in the competitive landscape.

## Key Strengths

- 100% detection of both zero-day and sideloaded malware
- 80% detection of sensitive application permission and unsecure network traffic
- 100% application privacy detection
- 100% detection of rooted devices, enterprise developer certificates and unsecure device settings
- 100% ease of use for client installation
- 85% ease of use for user action and intuitiveness
- 90% policy compliance functionality
- 80% reporting functionality

## Features Not Tested

The following are features were not observed during testing:

- Man-in-the-Middle attack detection and prevention
- Conditional access capabilities

## Suggested Recommendations

- Improve threat defenses: detection of known malware and false positive malware; prevention of malware downloads and persistent malware attempts
- Strengthen behavioral detection of sensitive information collection, sensitive file system access, cloud services and command & control communication; as well as prevention of data exfiltration and dynamic code downloads
- Improve detection of known phishing sites, malicious URLs and ability to filter URLs
- Add ability to detect zero-day phishing sites
- Add malicious profile detection

## Analysis

### Affordable Solution but Average Quality

Symantec Endpoint Protection Mobile has a QoE score of 76.1 percent, 0.4 percent above the average of other products in the industry. 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. While it is an affordable option, Symantec lacks an impressive defense that will protect most of the enterprise BYOD network.

Symantec is recommended to resubmit their current product for evaluation and receive feedback from Miercom engineers to prove or improve the vendor deficiencies listed above.

We did not receive a response from Symantec to participate in this MTD industry study. We reserve the right to interpolate previous efficacy scores if newer data does not exist.

## 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.

Symantec's most recent product version could not be tested due to overly restrictive EULA legalese which censors the publishing of test results about their product.