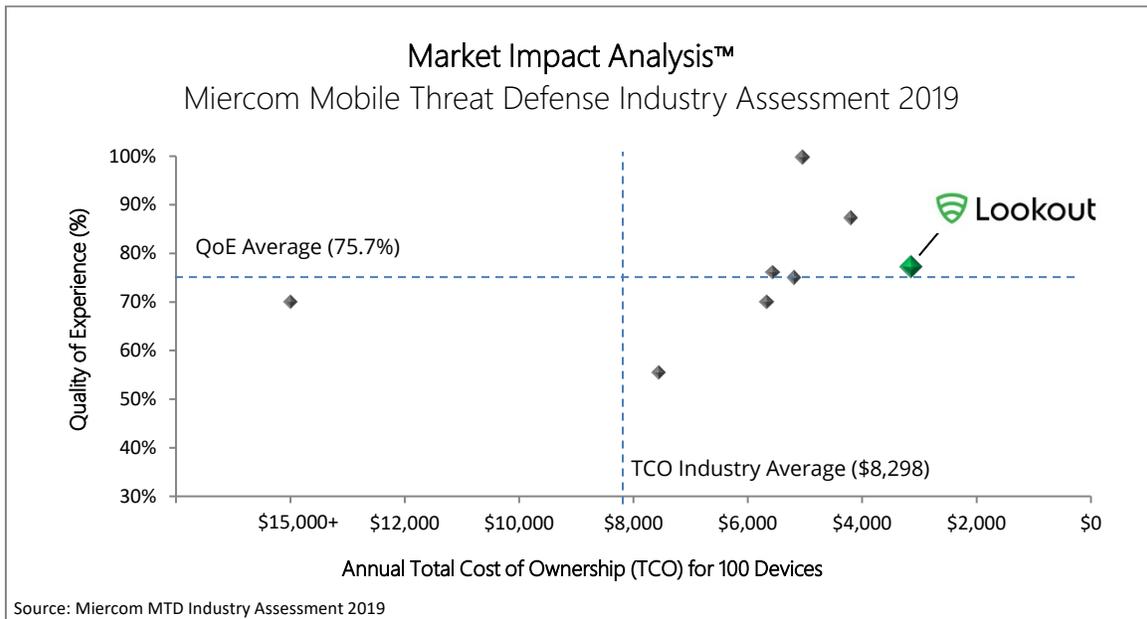


## Lookout

### Mobile Endpoint Security (Premium)

Lookout provides security against device and network attacks for your Android or iOS mobile device in a single application. With Lookout, enterprises have visibility of endpoint risk, policy-based remediation and the ability to integrate with current network security and mobile management. The admin console provides real-time display detected threats using Lookout Security Cloud, organizing behavior based on data collected daily from millions of devices and applications around the world. Its machine intelligence helps identify patterns that indicate malicious activity and protect BYOD networks from being compromised.

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



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.

There are different versions of Lookout Mobile Endpoint Security available: Free, Premium and Enterprise. This review focuses on the expected functionality of the Enterprise version from what we tested using Lookout Mobile Premium. TCO analysis was researched for the Enterprise version.

## Key Strengths

- 100% detection of unsecure network traffic and cloud services
- 100% zero-day phishing site detection
- 100% malicious profile prevention
- Easy client installation and effective user actions
- Most affordable MTD product when compared to similar products

## Features Not Verified

The following are features were not observed during testing:

- Detection of known and sideloaded malware
- Sensitive information collection detection
- Prevention of command & control communication and dynamic code downloads
- URL filtering
- Application privacy
- Man-in-the-Middle attack detection and prevention
- Detection of rooted devices, enterprise developer certificates and unsecure device settings
- User action and intuitiveness
- Policy compliance, conditional access and reporting

## Suggested Recommendations

- Improve detection of zero-day malware and false positives, and persistent threat prevention
- Expand behavioral detection of sensitive application permissions, sensitive file system access and prevention of data exfiltration
- Improve known phishing site and malicious URL detection

## Analysis

### **Recommended Buy: Average Quality but Excellent Cost**

Lookout Mobile Endpoint Security Premium has a QoE score of 77.2 percent, slightly 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. Considering we tested the Premium version, we expect the Enterprise version to provide an impressive defense that will protect most of the enterprise BYOD network. This version was previously tested with Miercom and scored quite well for efficacy in mobile-based threats and since then has improved its prevention of malicious profiles from 0 to 100 percent.

Lookout Mobile is recommended to submit their Enterprise version for evaluation to receive feedback from Miercom engineers and prove unverified features to increase their QoE score. We understand the Enterprise version is its most functional offering, with a configurable dashboard. As shown in our Miercom Market Impact Analysis™, the Enterprise version is the most affordable option of all MTD vendors.

We did not receive a response from Lookout 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.