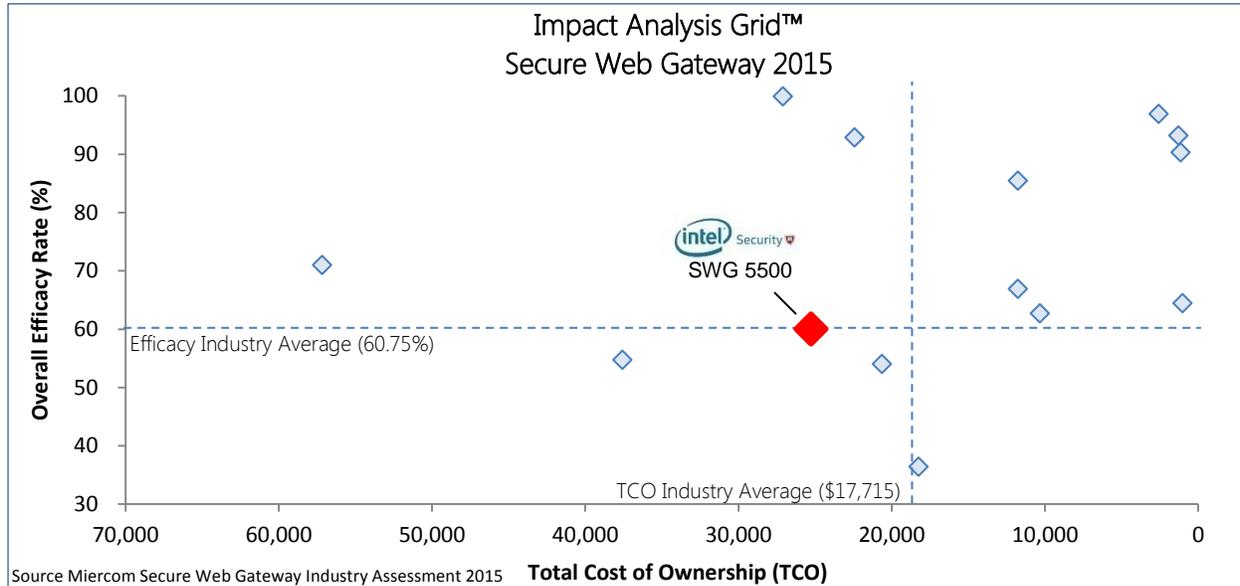


intel Security Web Gateway 5500 Appliance

Web Gateway 5500 appliance protection comes on a single platform with its McAfee Gateway Anti-Malware Engine, for local malicious content protection, and its cloud-based Global Threat Intelligence (GTI) protection. GTI protection provides an always-on, real-time protection that safeguards and secures you from emerging threats. Local protection allows the product to scan and understand all data coming through to prevent active threats as they reach the security perimeter. The platform provides URL categorization, web reputation, and outbound malware detection identification.



Buyer Considerations

The Intel McAfee Web Gateway 5500 Security Appliance falls right on the efficacy industry average. With an above average in both malware and malicious URL detection this product would appeal to those looking to invest in a quality product, being it is above the average cost of security products.

Miercom Industry Assessment Impact Analysis Grid™ SWG 2015

Data collected from both individual product reports and comparative reports are used to create the Impact Analysis Grid™ for Miercom's 2015 Secure Web Gateway Industry Assessment.

The Impact Analysis Grid™ presents a visual evaluation of the relationship between effectiveness and value of security products over the course of one year. Each quadrant illustrates a characteristic based on the amount of effectiveness relative to cost projected of tested products, enabling enterprises to assess their purchase options based on their needs and budget.

Performance/Efficacy Score

The performance and efficacy score are averages formed by taking the total number of blocked malware sample sets and the total number of malware sets. This average shows the overall performance in SWG testing.

Total Cost of Ownership Evaluation

Using the Total Cost of Ownership (TCO), instead of the product purchase price, allows us to factor in the costs of managing and maintaining the product. Factors that were considered in the TCO were installation, maintenance, upkeep and tuning of the device. This information was used to calculate the cost of security over a one year licensed with 100 users. The benefits of this analysis are that within a given range of performance, additional insight is provided as to where the product falls within the average of its competitors.

What We Tested

Malicious software, or “malware”, is any software used to disrupt computer or network operations, gather sensitive information, or gain access to computer systems. Legacy malware can be in circulation anywhere from a month to several years, while other malware utilizes techniques that adapt to networks or computers vulnerabilities.

Malicious URLs are advanced security threats that require the most updated software to be detected, blocked and mitigated.

Miercom used sample sets, developed in cooperation with numerous security professionals and experts, to create a realistic environment to test the security appliance.

The McAfee SWG5500 detected malware and malicious URLs at a rate that is above both industry averages for products in this category.

About the Sample Set

The threat samples were independently collected from various research sources, including threats validated and collected by and saved in a network of honeypots and malware analysis servers. Both automated and manual analysis of the samples was performed and only samples that achieved a consistent composite score of malicious rating across all the analysis methods were included in the test.

A significant amount of effort manually and automated processes went into the validation of the samples used. The manual verification was done using bare-metal server analysis. The samples were also tested utilizing several hundred combinations of user agent (UA) strings in an effort to verify consistent delivery of malware code and/or payloads.

Results v Industry Average

