

Business Product Comparative

ESET Smart Security vs. Kaspersky Business Space Security

(Source: "Fast and Effective Endpoint Security for Business"; Comparative Analysis by PassMark Software; June 2010)

PassMark Grades ESET Smart Security "Fastest, Best Overall Performance"

Ratings and Summary

PassMark Software has given each security product a rating which reflects its overall performance, ease of use, design, features and level of excellence in that category. Categories represent major functions or feature sets common to the sphere of business security.

| | ESET | Kaspersky |
|------------------------------|---------|-----------|
| Overall Rating | ☆☆☆☆1/2 | ☆☆☆☆ |
| Installation & Configuration | ☆☆☆☆ | ☆☆☆☆1/2 |
| Migration | ☆☆☆☆1/2 | ☆☆☆☆1/2 |
| Default Policies | ☆☆☆☆1/2 | ☆☆☆☆ |
| Client Installation | ☆☆☆☆ | ☆☆☆☆1/2 |
| Interface Design | ☆☆☆☆ | ☆☆☆☆1/2 |
| Client & Policy Management | ☆☆☆☆ | ☆☆☆☆ |
| Remote Management | ☆☆☆☆1/2 | ☆☆☆☆1/2 |
| Updates | ☆☆☆☆ | ☆☆1/2 |
| Common Use Cases | ☆☆☆☆ | ☆☆☆☆ |
| Effectiveness | ☆☆☆☆ | ☆☆☆☆1/2 |
| Performance | ☆☆☆☆1/2 | ☆☆☆☆ |

Performance

The following performance categories have been selected as 'real-life' metrics which may impact heavily on endpoint system performance and responsiveness. These benchmarks allow the comparison of the level of impact that business security software products may have on endpoint machines. Products with good performance will have less impact on business activities, workflow and productivity.

| | ESET | Kaspersky | ESET Advantage |
|-------------------------------------|--------|-----------|---|
| Install size (MB) | 284 | 408 | Requires 30% less disk space for installation |
| Memory usage commit charge (MB) | 102.46 | 153.55 | Uses 33% less system resources to perform tasks |
| Word document launch time (ms) | 7,488 | 7,993 | Launches Word documents 6% faster |
| Word document restart time (ms) | 2,151 | 2,231 | Restarts Word documents 3% faster |
| File copy time for small files (s) | 25.35 | 29.81 | Copies documents 15% faster |
| File copy time for large files (s) | 83.70 | 89.00 | Copies media files 6% faster |
| Client signature database size (MB) | 28.62 | 67.90 | 58% smaller footprint on the local disk drive |
| Boot time (s) | 27.72 | 41.17 | Takes 32% less time to start your machine |
| Machine restart time (s) | 78.20 | 77.20 | Takes 1% less time to restart your machine |
| Daily network traffic (MB) | 4.06 | 14.82 | 72% smaller impact on corporate network |

Features and Functions

Evaluation categories were determined prior to testing and were chosen as a set of expected features or functions which define business security products. Below is a list of ESET's advantages over Kaspersky's solution.

ESET's Advantages:

- The Remote Administrator console is highly compatible with most variants and legacy versions of ESET security products, all of which can be managed simultaneously from a single platform
- Endpoints can be automatically sorted into extremely powerful parametric groups as they join the network
- Signature updates are transportable (feature advantageous for administrators managing machines on isolated networks)
- Fast and streamlined installation process
- Basic set up guide is extremely user focused
- Default policies provide a good balance for most deployments

Kaspersky's Disadvantages:

- The typical installation, configuration and update process for management components takes 2-3 hours (compared to ESET's 1 hour)
- Relatively time consuming to deploy clients across the network
- Initial server repository update may be slow to perform
- The content in the technical guides lacks definition with some content duplicated across guides
- Initial server updates take more than 2 hours, and the Kaspersky client solution takes approximately 20 minutes to update

Effectiveness

This category rates the anti-malware effectiveness of a security product based on information from recently published material at reputable, third party testing sites. The sources we have used for this category are VB100 and AV Comparatives.

| | ESET | Kaspersky |
|--|---------|-----------|
| VB100 awards (#/success ratio) | 62/ 97% | 54/75% |
| # of Advanced+ awards in proactive/retrospective tests | 13 | 0 |

Ease of Use

This category examines the relative ease of use and handling for three common management use cases. The scenarios are: conducting an 'on-demand' scan of selected endpoints; creating and viewing a malware report 'on-demand'; and creating, assigning and deploying a new policy.

| Task | ESET | Kaspersky |
|--|--------|-----------|
| Conducting an 'on-demand' scan of selected endpoints | Simple | Simple |
| Creating and viewing a malware report 'on-demand' | Simple | Simple |
| Creating, assigning and deploying a new policy | Simple | Simple |