

## Third Party Reviews

Independent testing authorities that test and evaluate IT security solutions

Test Performed	Category	ESET	Avast	Source
<p><b>In the Wild 360 / Full Spectrum Test</b> Most of the malicious URLs used in this test were compromised legitimate websites, serving malware. We believe that such URLs pose the greatest danger to users, as these are places where they least expect to get infected, and any URL-based protection fails on them.</p> <p>These ratings show the detection rates of the security products for 398 ITW samples.</p>	Miss	0.00%	0.25%	<p><a href="#">MRG-Effitas 360 Degree Assessment &amp; Certification Test Period: Q1 2020</a></p>
	Detected	0.00%	0.00%	
	Blocked in 24h	0.00%	0.25%	
	Behaviour Block	1.01%	9.30%	
	Auto Block	98.99%	90.20%	
	<b>Total Blocked</b>	<b>100.00%</b>	<b>99.75%</b>	
<p><b>Ransomware Samples Test</b> These ratings show the detection rates of the security products for 8 ransomware samples.</p>	Miss	0.00%	0.00%	<p><a href="#">MRG-Effitas 360 Degree Assessment &amp; Certification Test Period: Q1 2020</a></p>
	Blocked in 24h	0.00%	0.00%	
	Behaviour Block	0.00%	0.00%	
	Auto Block	100.00%	100.00%	
	<b>Total Blocked</b>	<b>100.00%</b>	<b>100.00%</b>	
<p><b>Financial Malware Samples Test</b> These ratings show the detection rates of the security products for 70 financial malware samples.</p>	Miss	0.00%	0.00%	<p><a href="#">MRG-Effitas 360 Degree Assessment &amp; Certification Test Period: Q1 2020</a></p>
	Blocked in 24h	0.00%	0.00%	
	Behaviour Block	0.00%	8.57%	
	Auto Block	100.00%	91.43%	
	<b>Total Blocked</b>	<b>100.00%</b>	<b>100.00%</b>	

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<p><b>PUA/Adware Samples Test</b></p> <p>The PUA samples used in this test are deceptive, or potentially unwanted applications (PUA), that are not malicious, but are generally considered unsuitable for most home or business networks. They usually contain adware, install toolbars or have other unclear objectives.</p> <p>These ratings show the detection rates of the security products for 20 PUA/Adware samples.</p>	Miss	0.00%	5.00%	<p><a href="#">MRG-Effitas</a>  <a href="#">360 Degree Assessment &amp; Certification</a>  <a href="#">Test Period: Q1 2020</a></p>
	Blocked in 24h	0.00%	0.00%	
	Behaviour Block	5.00%	0.00%	
	Auto Block	95.00%	95.00%	
	<b>Total Blocked</b>	<b>100.00%</b>	<b>95.00%</b>	
<p><b>Exploit/Fileless Samples Test</b></p> <p>The main purpose of this test is to see how security products protect against a specific exploitation technique.</p> <p>These ratings show the initial detection rates of the security products for 10 different exploitation techniques.</p>	Miss	0.00%	10.00%	<p><a href="#">MRG-Effitas</a>  <a href="#">360 Degree Assessment &amp; Certification</a>  <a href="#">Test Period: Q1 2020</a></p>
	Detected	0.00%	20.00%	
	Signature Block	10.00%	10.00%	
	Behaviour Block	0.00%	20.00%	
	Auto Block	90.00%	40.00%	
<b>Total Blocked</b>	<b>100.00%</b>	<b>90.00%</b>		
<p><b>False Positive Samples Test</b></p> <p>In many cases, all malware blocking is a result of a very aggressive filter which can block non-malicious legitimate applications as well as prohibit everyday work by blocking legitimate, perhaps newly developed in-house software. In order to test this feature, we tested the security applications against completely clean, recently created applications.</p> <p>These ratings show the initial detection rates of the security products for 1,186 false positive samples.</p>	False Block	0.00%	0.00%	<p><a href="#">MRG-Effitas</a>  <a href="#">360 Degree Assessment &amp; Certification</a>  <a href="#">Test Period: Q1 2020</a></p>
	Detected	0.00%	0.00%	
	Allowed to Run	100.00%	100.00%	
	<b>Total Score</b>	<b>100.00%</b>	<b>100.00%</b>	

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<p><b>Performance Test Results</b>                      A security product’s usefulness does not solely depend on the level of protection it provides, but also on its resource footprint and its effect on the overall operating system performance.</p> <p>These scores are sorted from highest to lowest score, where the <b>highest score denotes the lowest impact on the system.</b></p>	System Impact	17.5	16.6	<p><a href="#">MRG-Effitas</a>  <a href="#">360 Degree Assessment &amp; Certification</a>                      Test Period: Q1 2020</p>
<p><b>Malware Protection Test (March)</b>                      In the Malware Protection Test, malicious files are executed on the system. While in the Real-World Protection Test the vector is the web, in the Malware Protection Test the vectors can be e.g. network drives, USB or cover scenarios where the malware is already on the disk.</p>	<p>Malware Protection Rate</p> <p>False Alarms on common business software</p>	<p>99.90%</p> <p>0</p>	<p>99.80%</p> <p>0</p>	<p><a href="#">AV-Comparatives</a>  <a href="#">Business Security Test</a>                      Test Period: Mar – Apr 2020</p>

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## Feature Comparison

Source: [Business Security Test 2019 \(August – November\)](#)

Available Console Types	ESET	Avast	Features - Vulnerability Prevention	ESET	Avast
Cloud-based console	✓	✓	Anti-Malware	✓	✓
On-premise server-based console	✓	✓	Detection notifications are shown on the client	✓	✓
Virtual appliance	✓	✓	Web access control/web filter	✓	✓
Client Software Deployment Methods	ESET	Avast	Phishing protection	✓	✓
Creation of .exe or .msi installer package	✓	✓	Firewall	✓	✓
Email a link to remote users to install the software themselves	✓	✓	Anti-Spam	✓	✓
Push installation from the console	✓	✓	Data or email encryption	--	--
Supported Operating Systems	ESET	Avast	<b>Data backup</b>	✓	--
Microsoft Windows	✓	✓	Settings & Uninstall protection	✓	✓
Virtual environments (such as VMware, HyperV)	✓	--	Cross-platform central management	✓	✓
Apple macOS	✓	✓	Registers as AV product in Windows Security Center	✓	✓
Linux	✓	--	Protection settings are enabled by default	✓	✓
Google Android	✓	--	Right-click on-demand scan of files/folders	✓	✓
Apple iOS	✓	--	Can clean up a previously infected system	✓	✓
			<b>Splunk support</b>	✓	--
			<b>The online malware detection rate is the same as the offline rate</b>	✓	--
			EDR (Endpoint Detection and Response)	--	--
			Scans files only on execution	--	--

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## Key Highlights

Key Highlights	Test Performed	Test Category	ESET	Avast	Source
Malware Protection	In the Wild 360/Full Spectrum Test	Total Blocked	100.00%	99.75%	<a href="#">MRG-Effitas (Q1 2020)</a>
	Ransomware Samples Test	Total Blocked	100.00%	100.00%	<a href="#">MRG-Effitas (Q1 2020)</a>
	Financial Malware Samples Test	Total Blocked	100.00%	100.00%	<a href="#">MRG-Effitas (Q1 2020)</a>
	Malware Protection Test (March)	Malware Protection Rate	99.9%	99.8%	<a href="#">AV-Comparatives (Mar – Apr 2020)</a>
	Conclusion	<ul style="list-style-type: none"> <li>ESET Endpoint Security has achieved <b>100%</b> protection against In-the-Wild malware, Ransomware and Financial malware. (Reported by <b>MRG-Effitas</b>)</li> <li>ESET Endpoint Security has achieved better malware protection against Avast Business Antivirus Pro Plus. (Reported by <b>AV-Comparatives &amp; MRG-Effitas</b>)</li> </ul>			

Key Highlights	Test Performed	Test Category	ESET	Avast	Source
Potentially Unwanted Applications (PUA) Detection	PUA/Adware Samples test	Total Blocked	100.00%	95.00%	<a href="#">MRG-Effitas (Q1 2020)</a>
	Conclusion	<ul style="list-style-type: none"> <li>ESET Endpoint Security has achieved <b>100%</b> detection against PUA that contain adware, install toolbars or have other unclear objectives. (Evaluated by: <b>MRG-Effitas</b>)</li> <li>ESET Endpoint Security provides better detection of PUA than Avast Business Antivirus.</li> </ul>			

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## Key Highlights

Key Highlights	Test Performed	Test Category	ESET	Avast	Source
Exploit Detection	Exploit/Fileless Samples Test	Total Blocked	100.00%	90.00%	<a href="#">MRG-Effitas (Q1 2020)</a>
	Conclusion	<ul style="list-style-type: none"> <li>ESET Endpoint Security has achieved <b>100%</b> no failure/breach of security against specific exploitation techniques. (Evaluated by: <b>MRG-Effitas</b>)</li> <li>ESET Endpoint Security is more resilient against software vulnerabilities than Avast Business Antivirus.</li> </ul>			

Key Highlights	Test Performed	Test Category	ESET	Avast	Source
False Positive	False Positive Samples Test	Total Score	100.00%	100.00%	<a href="#">MRG-Effitas (Q1 2020)</a>
	Conclusion	<ul style="list-style-type: none"> <li>ESET Endpoint Security has achieved a perfect score of <b>100%</b> in detecting legitimate applications and not reporting them as threats, which improves user experience. (Evaluated by: <b>MRG-Effitas</b>)</li> <li>ESET Endpoint Security's reliability in detecting false positives is on par with that of Avast Business Antivirus.</li> </ul>			

Key Highlights	Test Performed	Test Category	ESET	Avast	Source
Performance	Performance Test	System Impact	17.5	16.6	<a href="#">MRG-Effitas (Q1 2020)</a>
	Conclusion	<ul style="list-style-type: none"> <li>ESET Endpoint Security has achieved a <b>lower</b> impact on system performance as compared to Avast Business Antivirus. (Evaluated by: <b>MRG-Effitas</b>)</li> <li>ESET Endpoint Security is more efficient in retaining the computer system performance than Avast Business Antivirus.</li> </ul>			

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## Security Products tested

### MRG-Effitas 360 Degree Assessment & Certification

- ESET Endpoint Security 7.1.2045.5
- Avast Business Antivirus 20.1.2581

### AV-Comparatives Business Security Test

- ESET Endpoint Protection Advanced Cloud 7.2 | 7.2
- Avast Business Antivirus Pro Plus 19.7 | 20.1

### AV-comparatives Feature Comparison - Business Security Test 2019 (August – November)

- ESET Endpoint Protection Advanced Cloud 7.2 | 7.2
- Avast Business Antivirus Pro Plus 19.6 | 19.6 | 19.7 | 19.7