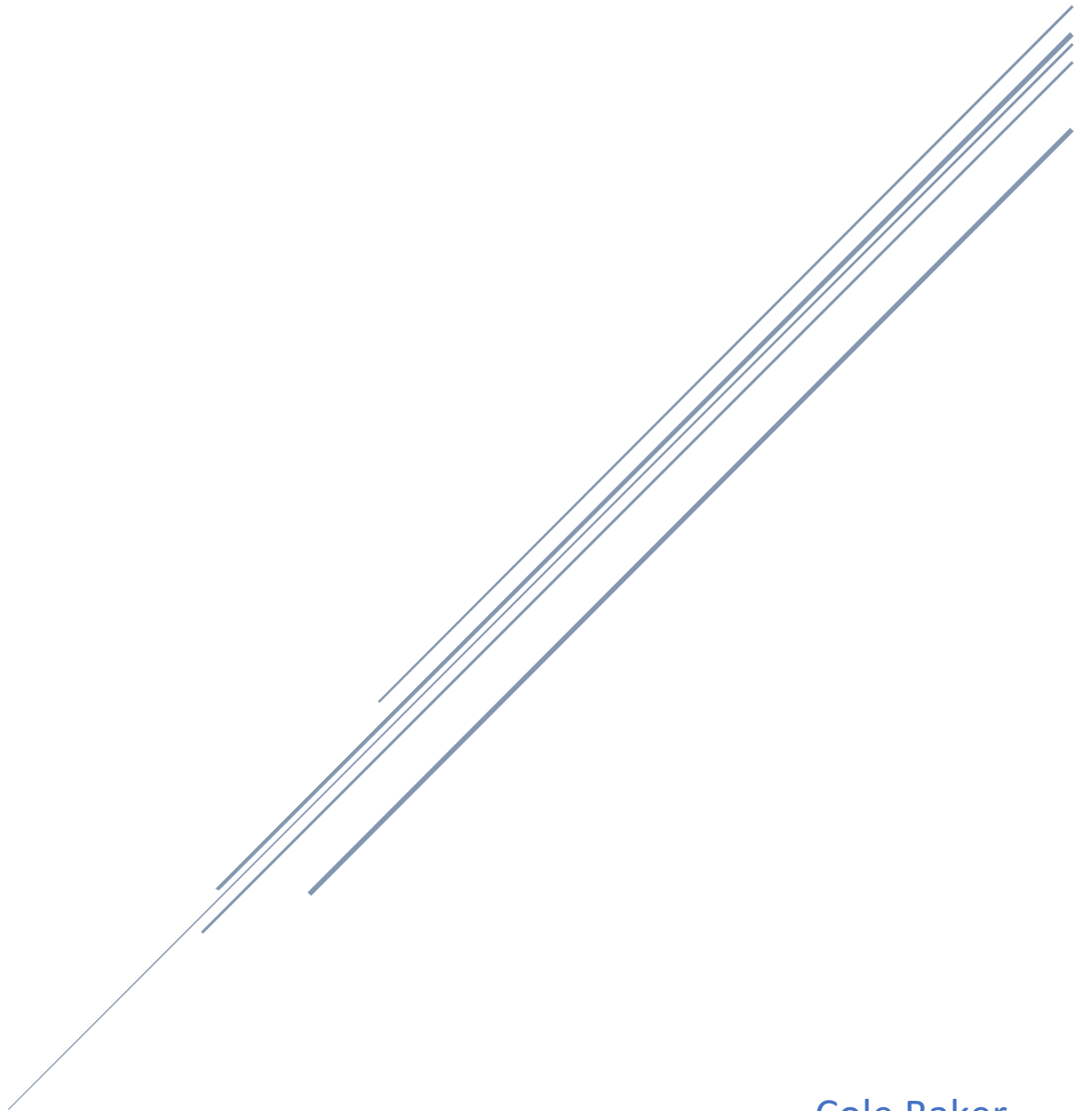


COMPARING ENDPOINTS SECURITY SYSTEMS



Cole Baker

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Comparing Carbon Black, FireEye and Symantec Endpoint Systems

Features	Carbon Black	FireEye	Symantec
Agent based or Agentless	CB endpoint system uses a Single Agent based system. (Black, 2019)	FireEye endpoint system uses a Single Multi-Engine Agent. (FireEye, FireEye Endpoint Security, 2019)	Symantec endpoint system uses a Single Agent. (Symantec, Symantec Endpoint Protection, 2019)
Offers Network Traffic Monitoring to and from Endpoints	CB endpoint system offers the ability to monitor traffic to and from each endpoint. (Black, 2019)	FireEye endpoint system offers a network traffic monitor for each endpoint. (FireEye, FireEye Endpoint Security, 2019)	Symantec endpoint system monitors traffic on each endpoint for suspicious behavior. (Symantec, Symantec Endpoint Protection, 2019)
Offers a Command and Control features to control remote functions	CB offers a command and control feature based through their cloud and user console which can be access remotely. I could not find specifics of what exactly can be controlled remotely. (Black, 2019)	FireEye endpoint system allows for cloud based or virtual environments to setup to allow for remote command and control features. (FireEye, Endpoint System - Data Sheet, 2018)	Symantec allows for remote command and control features with the ability to lockdown systems or specific processes. (FireEye, Endpoint System - Data Sheet, 2018)
Offers some form of Application Control	CB endpoint system offers application blacklisting, whitelisting and the ability to terminal applications and processes. (Black, 2019) (UpGuard, 2018)	FireEye offers the ability to blacklist, whitelist, or terminate application or isolate them as well as isolate specific endpoints. (FireEye, FireEye Endpoint Security, 2019) (FireEye, Endpoint System - Data Sheet, 2018)	Symantec offers the ability to isolate applications, as well as whitelisting. There was no reference to blacklisting. (Symantec, Symantec Endpoint Protection 15 - Data Sheet, 2018)
Offers Anti-Malware	CB offers Anti-Malware through their Cloud Service. (Black, 2019)	FireEye offers Anti-Malware (only on newer versions). (FireEye, Endpoint System - Data Sheet, 2018)	Symantec offers multiple different versions of Anti-Malware. (Symantec, Symantec Endpoint Protection 15 - Data Sheet, 2018)
Requires use of manufacturers cloud or can be setup independently	CB endpoint system requires the use of their Security Cloud service for the system to function at full capacity. (Security, 2018)	FireEye endpoint system can be setup and configured with a cloud service independent from FireEye. (FireEye, FireEye Endpoint Security, 2019) (FireEye, Endpoint System - Data Sheet, 2018)	Symantec endpoint system requires the of their cloud service due to that us how they deliver their services. (B, 2018) (Symantec, Symantec Endpoint Protection, 2019)

Market Presence	<p>CBs market presence is that it's the last endpoint system you'll ever need, and that it has every feature needed for the most secure endpoint protection. As well as they highly promote their response time.</p> <p>(Black, 2019) (Architect, 2018)</p>	<p>FireEyes market presence shows that it's more focused on user controls and giving the user more control over their endpoint protection. They also promote a lot of user reviews to give potential buyers and idea of what others think.</p> <p>(ThreatProtect, 2018)</p>	<p>Symantec is highly focused on promoting their ratings and awards won for their protection. They also show off a lot of different variations of their endpoint system as to show that there's one for everyone.</p> <p>(Symantec, Symantec Endpoint Protection, 2019)</p>
Product Pricing	<p>I was unable to find specific values for CB however, multiple article and customer reviews stated that it is one of the most expensive endpoint options. There were a few sources that stated CB charged \$420/3-year license.</p> <p>(UpGuard, 2018) (Security, 2018)</p>	<p>FireEye bases their costs on endpoints with starting costs at around \$30 per endpoint which works out to about \$40,000 for around 100,000 endpoints as well as their control systems.</p> <p>(Robb, 2017)</p>	<p>Symantec offers multiple different pricing options> I was able to come across a value that stated they charge \$3.50 for each licence per month or \$110.0/3-year license.</p> <p>(UpGuard, 2018)</p>
Product Rank	<p>Rank 1 – CB get ranked the highest due to their vast amount of feature and customer support, the cost is a little high, but from my research, I think its worth it for what they provide.</p> <p>(Architect, 2018)</p>	<p>Rank 2 – FireEye receives my rank of 2 because of their level of user control. As well as their cost is around the middle range between the other two considered.</p> <p>(Robb, 2017)</p>	<p>Rank 3 – Although Symantec's cost is the lowest of the considered. Their customer support and user control isn't up to par with the other two as well as not really having done anything innovative recently.</p> <p>(B, 2018) (UpGuard, 2018)</p>

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