Cyberbit Endpoint Protection
EDR, Ransomware Protection, and Advanced Malware Prevention

Detection is Paramount

"The most critical EDR capability is the ability to detect sophisticated hidden threats, ideally without requiring externally fed IOCs"
(Gartner, Market Guide for Endpoint Protection and Response Solutions, 9 November 2017)

Despite numerous security tools, cyber threats manage to penetrate networks, making detection the key capability to keeping organizations secured. Yet, the majority of detection devices use signatures or IOCs, detecting only threats that were seen before. Cyberbit Endpoint Protection uses machine learning and analytics to detect new attacks and attack permutations that were never seen before, so organizations don't have to compromise on their most important capability.

Cyberbit Endpoint Protection – Revolutionary Threat Detection and Response

Trusted by highly targeted organizations around the world, Cyberbit Endpoint Protection combines machine learning and behavioral analytics over big data. These combined detection mechanisms allow it to detect the most evasive threats, including file-less attacks, while keeping low false positives. Cyberbit Endpoint Protection does not rely on IOCs for detection, and does not require external connectivity for analysis, response or blocking. All data is analyzed locally, and never sent out of your organization.

Cyberbit Endpoint Protection incorporates EDR, NGAV and ransomware prevention - all in one agent.

Detect unknown threats without relying on IOCs

Block ransomware automatically

No dependency on connectivity

Improve threat visibility

Accelerate investigation and response

Improve analyst productivity

Cyberbit Endpoint Protection

EDR

Malware Prevention

Anti-Ransomware

Cyberbit Endpoint Protection - 3 components, 1 installation

EDR – Detection and visibility of advanced threats

Automatic visualization of attack story - WannaCry 2017

Cyberbit EDR continuously records kernel-level endpoint activity. This data is sent to a big-data repository for behavioral analysis. Behavioral analytics, leveraging expert threat analysis research, together with machine learning algorithms that tailor detection to the specific characteristics of the customer's network, detect threats and anomalies while minimizing false positive alerts. Cyberbit EDR's detection mechanism is independent of IOCs, able to detect threats that were never seen before. Cyberbit EDR automatically visualizes the attack story in a graph view, saving hours of analyst investigations and facilitating quick identification of root cause and threat propagation. Data stored in the big data repository can also be used for hunting, using natural language. Remediation and response measures are initiated with a click, supporting a variety of actions to block the threat and allow quick remediation.
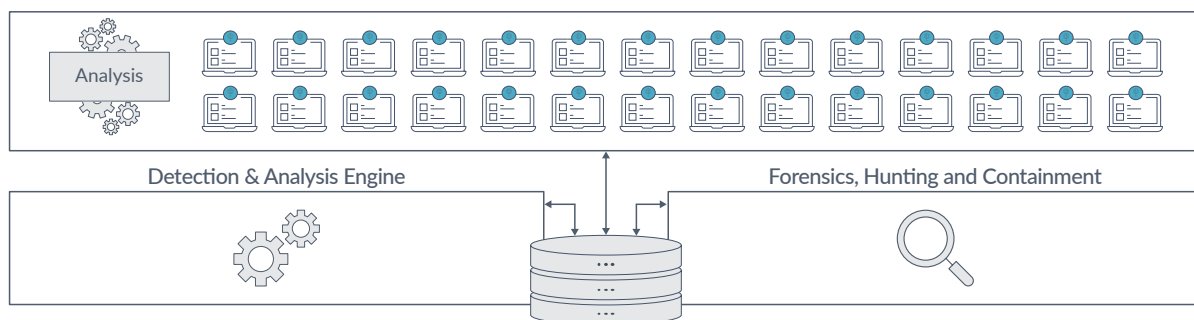
Cyberbit EDR, detection, analysis, hunting and response

Malware prevention – Prevention of known and unknown threats

Cyberbit Malware Prevention is a NGAV that automatically identifies and blocks unknown and known threats pre-execution.

Anti-Ransomware – Prevention and remediation of ransomware

Cyberbit Anti-Ransomware blocks known and unknown ransomware from executing and propagating by using advanced deception techniques such as decoys. It automatically prevents file encryption, and restores valuable files.

Optimized architecture

Cyberbit Endpoint Protection provides 3 capabilities in 1 installation. Its open APIs and SDKs allow it to easily integrate to 3rd party tools, while its secured design assures data will be kept safe and untampered, reliable and available.

ABOUT CYBERBIT™

Cyberbit provides a consolidated detection and response platform that protects an organization's entire attack surface across IT, OT and IoT networks. Cyberbit products have been forged in the toughest environments on the globe and include: behavioral threat detection, incident response automation and orchestration, ICS/SCADA security, and the world's leading cyber range. Since founded in mid-2015 Cyberbit's products were rapidly adopted by enterprises, governments, academic institutions and MSSPs around the world. Cyberbit is a subsidiary of Elbit Systems (NASDAQ: ESLT) and has offices in Israel, the US, Europe, and Asia.

CYBERBIT
PROTECTING A NEW DIMENSION