ESET ENJOY SAFER TECHNOLOGY®

ESET THREAT INTELLIGENCE

Extend your security intelligence from local network to global cyberspace

Nowadays it's important for companies to get intelligence from the widest possible range of sources in order to adapt proactively to the ever-changing security environment. Targeted attacks, advanced persistent threats (APTs), zerodays and botnet activities are difficult to discover for security engineers with access only to information from within their own company networks—a bigger picture and deeper intelligence is needed.

ESET Threat Intelligence closes the gap between the cybersecurity information that security engineers get from their own networks and the cyberspace intelligence that ESET collects worldwide. It uses information gathered from more than 100 million sensors and sent to ESET's Cloud Malware Protection System via ESET LiveGrid®, then channeled through ESET's multiple award-winning ESET R&D centers, which are distributed worldwide and focus solely on cybersecurity. This allows ESET to provide its unique knowledge to customers to help them understand and manage business risk and turn unknown threats into known and mitigated threats, thereby improving the effectiveness of their defenses.

Real-time Data Feed and API

ESET Threat Intelligence Data Feeds utilize widely used STIX/TAXII format for threat intelligence information exchange. This makes it easy to integrate with existing SIEM tools of security service providers and deliver the latest information on the threat landscape, especially botnets, to predict and prevent threats before they strike. In turn, this proactively strengthens the security of their end customers. Moreover, ESET Threat Intelligence API is available for automation of reports, YARA rules and other functionalities with any other systems used on the customer side.

Cloud Malware Protection System

The ESET Cloud Malware Protection System is one of several technologies based on ESET's LiveGrid cloud system. Possible threats are monitored and submitted to the ESET cloud via the ESET LiveGrid Feedback System for automatic sandboxing and behavioral analysis.

*Suspicious unknown applications and potential threats are monitored and submitted to ESET cloud via the **ESET LiveGrid Feedback System**.*

*Collected samples are subjected to **automatic sandboxing and behavioral analysis**, which results in the creation of automated detections where malicious activity is confirmed.*

*ESET clients learn about these automated detections via the **ESET LiveGrid Reputation System** without the need to wait for the next module update.*

Reputation & Cache

When inspecting a file or URL, our products first check the local cache for known malicious or white-listed benign objects. This improves scanning performance. Afterwards, our ESET LiveGrid Reputation System is queried for the object's reputation.

***ESET LiveGrid cloud system** collects threat-related information from millions of ESET users to determine file age and prevalence.*

***Unknown, previously unseen threats** are submitted to ESET for further analysis and processing.*

***Our cloud server logic** automatically evaluates this data and provides rapid response via black- and white-listing.*

Targeted malware report

Our targeted malware report keeps the user informed about a potential attack that is in preparation, or an ongoing attack aimed specifically against their organization. Custom rules can be set up using YARA to obtain the company-specific information that security engineers are interested in. Based on the report, the user gets valuable details about ongoing or possible targeted malware campaigns, including the number of times they have been seen worldwide, URLs containing malicious code, malware behavior on the system, where it was detected, and more.

Botnet activity report

This delivers regular reporting and quantitative data about identified malware families and variants of botnet malware. Classified according to malware type, the report provides a list of known Command and Control (C&C) servers involved in botnet management, as well as a list of targets of this malware.

Automated sample analysis

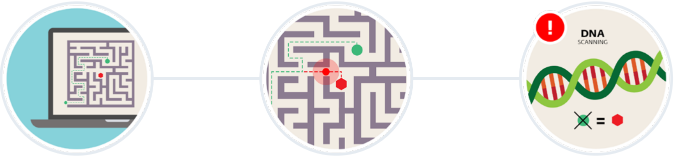
The more you know the less you believe. A custom report based on the submitted file or hash provides valuable information for fact-based decisions and incident investigation.

Extra security, even if you're not a current ESET customer

Security analysts recommend combining a range of security approaches in order to minimize the potential weaknesses that can arise from using a single-vendor security solution. ESET Threat Intelligence does not require that ESET endpoint or server solutions are deployed on the user's network. This means that it can be used by non-ESET customers as an additional layer of security to help alert them to imminent malware campaigns or targeted threats about which their existing security vendor may not be aware.

DNA Detections

DNA Detections are complex definitions of malicious behavior and malware characteristics. While malicious code can be easily modified or obfuscated, object behavior cannot be changed so easily. Therefore, DNA Detection can identify even previously unseen malware that contains genes that indicate malicious behavior.

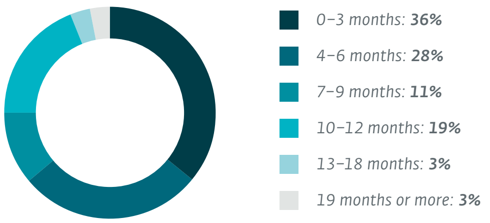


*Our **Advanced Heuristics** approach proactively detects malware we haven't come across before.*

***We detect malware based on its functionality** by uncovering the way it behaves.*

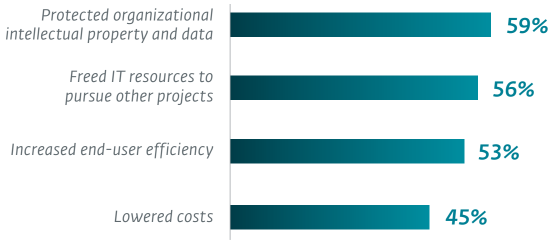
***Advanced techniques**, such as DNA-based scanning, identify threats based on the code structure.*

64% of ESET customers see ROI in less than 6 months, 75% within 9 months.



TechValidate survey of 552 users of ESET Security Solutions answering question: "Please estimate how long did it take to realize a return on your investment with ESET security solutions?"
Source > https://www.techvalidate.com/product-research/eset-security-solutions/charts/3DB-C32-72B

What are the operational benefits you have seen from deploying ESET security solutions?



TechValidate survey of 1,213 users of ESET Security Solutions.
Source > https://www.techvalidate.com/product-research/eset-security-solutions/charts/159-B6C-752

AV comparatives ADVANCED+ HEURISTIC / BEHAVIOURAL TEST MAR 2015

ESET received the most "Advanced+" awards in Proactive Tests by AV-Comparatives.

AV comparatives ADVANCED+ REAL WORLD PROTECTION TEST DEC 2015

ESET received the "Advanced+" award in the AV-Comparatives Real-World Protection Test.

vb VERIFIED SPAM virusbtn.com

ESET has the longest unbroken run of VB100 awards for malware detection of any IT security vendor. We've been excelling at VB100 tests since 2003.

vb March 2016 VERIFIED SPAM + virusbtn.com

ESET holds the top mark for spam detection, as awarded by Virus Bulletin.

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About ESET: Since 1987, ESET® has been developing award-winning security software that now helps over 100 million users to Enjoy Safer Technology. Its broad security product portfolio covers all popular platforms and provides businesses and consumers around the world with the perfect balance of performance and proactive protection. The company has a global sales network covering 180 countries, and regional offices in Bratislava, San Diego, Singapore and Buenos Aires. **www.eset.com**