

ESET DYNAMIC THREAT DEFENSE



What it is

ESET Dynamic Threat Defense (EDTD) is a cloud-based sandboxing technology that adds a powerful layer of security to your existing ESET endpoint protection.

EDTD detects and analyzes never-before-seen threats to protect against ransomware, targeted attacks, advanced persistent threats (APTs), zero-days and other sophisticated malware.

EDTD will automatically identify a suspicious program, execute it in a secure sandbox and analyze it, then block it if it's malicious—all before the malware can reach your network, endpoints or users.

Why you need it

- **Advanced threats designed to spread ransomware and other attacks** proliferate as criminals seek new ways to circumvent security for huge financial rewards. With ~\$1.5 trillion in cybercrime revenues annually and cybercriminals earning upwards of \$166,000 per month*, developing APTs and malware becomes more lucrative.
- **Blocking these threats requires a behavioral approach to detection.** While endpoint protection calculates what a file might do, EDTD runs it in a real operating system with AI and machine learning to uncover its true purpose.
- **Combining the intelligence of ESET Endpoint Security's layered protection** with fast, cloud-based sandboxing keeps your business armed against advanced threats and leaves day-to-day operations uninterrupted.

Key benefits

- Fully cloud-based technology, able to analyze files in under five minutes
- Vital layer of security on top of endpoint protection and mail security to shield against new advanced threats
- Simple setup and management via ESET PROTECT management console
- Analyzes files from web browsers, mail clients, compressed files and removable media

\$3.92M: Global average total cost of a single data breach in 2019

(IBM Security Cost of a Data Breach Report 2019)

\$1.42M: Average cost to a company of lost business due to data breach

(IBM Security Cost of a Data Breach Report 2019)

51% of data breaches in 2019 were caused by malicious attacks (as opposed to human error)

(IBM Security Cost of a Data Breach Report 2019)

* "Into the Web of Profit: Understanding the Growth of the Cybercrime Economy," by Dr. Michael McGuire.

	ESET PROTECT Entry	ESET PROTECT Advanced	ESET PROTECT Complete	ESET PROTECT Enterprise	ESET PROTECT Mail Plus
Cloud console	✓	✓	✓	✓	✓
On-premises console	✓	✓	✓	✓	✓
Endpoint Protection (EES+EEA+EFS)	✓	✓	✓	✓	
Cloud Sandboxing (EDTD)		✓	✓	✓	✓
Full Disk Encryption (EFDE)		✓	✓	✓	
Mail Security (EMSX)			✓		✓
Cloud Office Security (ECOS)			✓		
EDR (EEI)				✓*	

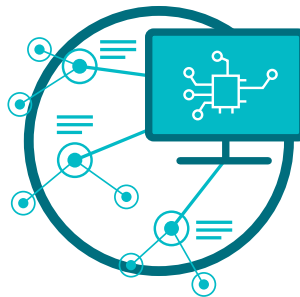
*EEI currently available in the on-premises console only

Our products and technologies stand on 3 pillars



ESET LIVEGRID®

Whenever a zero-day threat such as ransomware is seen, the file is sent to our cloud-based malware protection system—LiveGrid®, where the threat is detonated and behavior is monitored. Results of this system are provided to all endpoints globally within minutes without requiring any updates.



MACHINE LEARNING

Uses the combined power of neural networks and handpicked algorithms to correctly label incoming samples as clean, potentially unwanted or malicious.



HUMAN EXPERTISE

World-class security researchers sharing elite know-how and intelligence to ensure the best round-the-clock threat intelligence.