

# ESET LIVEGUARD ADVANCED



## What it is

**ESET LiveGuard Advanced (ELGA)** is a proactive cloud-based technology that uses advanced adaptive scanning, cutting-edge machine learning, cloud sandboxing and in-depth behavioral analysis to add a powerful layer of security to your existing ESET endpoint detection.

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

ELGA 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, ELGA 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.

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

## 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
- Protects your entire workforce, both remote and on-premises.

**Every 40 seconds**, a business falls victim to ransomware.

(CyberRisk Alliance)

2021 U.S. average cost of a data breach: **\$8.46 million.**

(IBM Cost of a Data Breach Report 2021)

In 2021, the overall cost of remediating a ransomware attack jumped to **\$1.85 million**, up from \$761,106 in 2020.

(ENISA Threat Landscape 2021)

	ESET PROTECT Entry	ESET PROTECT Advanced	ESET PROTECT Complete	ESET PROTECT Enterprise	ESET PROTECT Mail Plus
Remote management via cloud or on-premises console	✓	✓	✓	✓	✓
Endpoint protection	✓	✓	✓	✓	
Server security	✓	✓	✓	✓	
Full disk encryption		✓	✓	✓	
Cloud sandbox		✓	✓	✓	✓
Mail security			✓		✓
Cloud app protection			✓		
EDR				✓*	

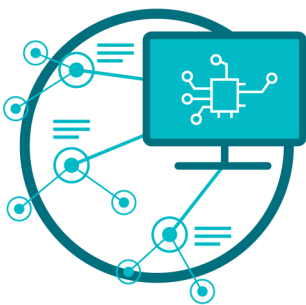
\* Currently available on-premises only

# 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.

