TUDORVALE

OVERVIEW

SERVER SECURITY

Protect your servers using a reliable, multilayered, no-compromise solution

Progress. Protected.

What is a **file security solution?**

A file security product is designed to protect the central servers of an organisation from threats. This product should be installed on any non-specialised server to ensure that organisational resources are not infected. Companies nowadays can put themselves at risk by allowing users to save files to shared drives without adequately protecting their networks from malicious files. A single user saving a malicious file to a network drive can instantly cause a cascade effect that renders your organisation's files inaccessible.

ESET Server Security provides advanced protection to all general servers, network file storage, and multi-purpose servers. It pays special attention to ensure the servers are stable and conflict-free in order to minimise maintenance windows and restarts, so that business continuity is not disrupted.

Windows 11 vmware

ESET Server Security solutions

- ✓ **ESET Server Security for Microsoft Windows Server**
- ✓ **ESET Server Security for Linux**

The ESET Difference

MULTILAYERED PROTECTION

ESET combines multilayered technology, machine learning and human expertise to provide our customers with the best level of protection possible. Our technology is constantly adjusting and changing to provide the best balance of detection, false positives and performance.

CROSS-PLATFORM SUPPORT

ESET Server Security solutions support multiple OSes and platforms including Windows Server, Office365 OneDrive, Linux/FreeBSD and Microsoft Azure. All ESET solutions can be fully managed from a single pane of glass.

UNPARALLELED PERFORMANCE

Countless times, an organisation's biggest concern is the performance impact of an endpoint protection solution. ESET products continue to excel in the performance arena and win third-party tests that prove how light their impact is on users' systems.

WORLDWIDE PRESENCE

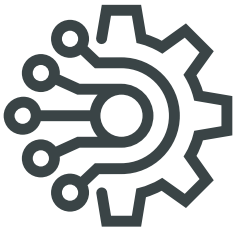
ESET has offices in 22 countries worldwide, R&D labs in 13 and a presence in over 200 countries and territories. This helps to provide us with data to stop malware prior to it spreading across the globe, as well as prioritise new technologies based on the most recent threats or possible new vectors.

Our unique, multilayered approach to security

ESET LiveSense technology, combined with our machine learning expertise, cloud reputation system, and our people, together power the world's most formidable cyber threat prevention, detection and response platform.

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 its behaviour is monitored. The results of this system are provided to all endpoints globally within minutes without requiring any updates.



MACHINE LEARNING

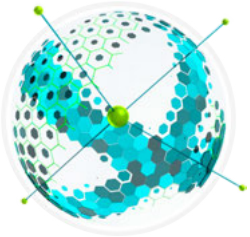
Uses the combined power of neural networks and handpicked algorithms to correctly label incoming samples as clean, potentially unwanted or malicious.

HUMAN EXPERTISE

ESET's world-class security researchers share elite know-how and intelligence to ensure our users benefit from optimum, round-the-clock threat intelligence.

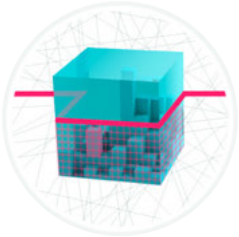
BRUTE FORCE ATTACK PROTECTION

A security feature that protects devices against potential guessing of credentials and illegitimate establishment of a remote connection. Protection can be easily configured through a policy directly from the console, and exclusions can be created when something is blocked but shouldn't be.



NETWORK ATTACK PROTECTION

This technology improves detection of known vulnerabilities on the network level. It constitutes another important layer of protection against the spread of malware, network-conducted attacks, and exploitation of vulnerabilities for which a patch has not yet been released or deployed.



AMSI/SCRIPT SCANNING

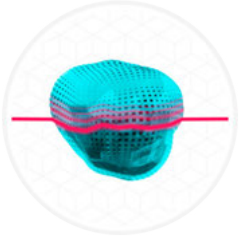
ESET solutions leverage the Antimalware Scan Interface (AMSI) to provide enhanced malware protection for users, data, applications, and workload. In addition, it uses the protected service interface that is a new security module built into Windows that only allows trusted, signed code to load and better protect against code injection attacks.

MACHINE LEARNING

All ESET endpoint products have been using machine learning in addition to all other layers of defence since 1997. ESET currently uses machine learning in conjunction with all of our other layers of defence. Specifically, machine learning is used in the form of consolidated output and neural networks.

RANSOMWARE SHIELD

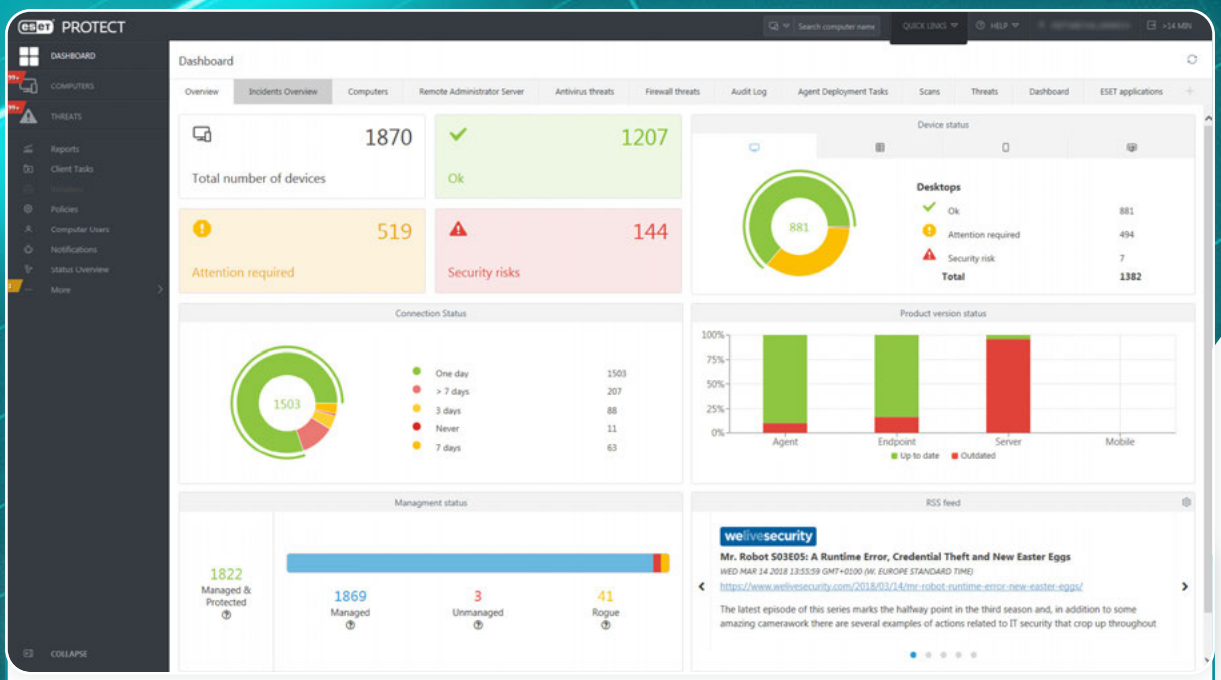
ESET Ransomware Shield is an additional layer protecting users from ransomware. This technology monitors and evaluates all executed applications based on their behaviour and reputation. It is designed to detect and block processes that resemble the behaviour of ransomware.



ADVANCED MEMORY SCANNER

ESET Advanced Memory Scanner monitors the behaviour of a malicious process and scans it once it decloaks in memory. Fileless malware operates without needing persistent components in the file system that can be detected conventionally. Only memory scanning can successfully discover and stop such malicious attacks.

These are some of ESET LiveSense's core technologies and indicate approximately when and where they detect and block threats, covering the entire threat lifecycle in the system—from its pre-boot to resting state. Learn more



ESET PROTECT

All ESET endpoint solutions are managed from a single-pane-of-glass cloud console, ESET PROTECT, ensuring a complete overview of your network.

Additional features to fortify your servers

SERVER HOST FIREWALL

Keep all communications on your Windows server under control by enabling the ESET Server Security firewall, specifically tailored for server environments.

VULNERABILITY AND PATCH MANAGEMENT

Extend Vulnerability and Patch Management capabilities to servers. Fully manageable via the ESET PROTECT Platform, this functionality reduces the attack surface by actively tracking vulnerabilities in operating systems and common applications, enabling efficient patching.

Use cases

Fileless malware

PROBLEM

File-less malware is a relatively new threat. It exists only in memory, so requires a different approach compared to traditional file-based malware.

SOLUTION

- ✓ A unique ESET technology, Advanced Memory Scanner, protects against this type of threat by monitoring the behaviour of malicious processes and scanning them once they decloak in memory.
- ✓ If ESET Server Security is unsure of a potential threat, it has the ability to upload the sample to ESET's Advanced Threat Defence, ESET LiveGuard Advanced, to make the highest quality decision on whether something is malicious.
- ✓ If a threat is confirmed, reduce data gathering and investigation time by uploading it into ESET Threat intelligence to provide information on how the threat functions.

Zero-day threats

PROBLEM

Zero-day threats are a major concern for businesses due to them not knowing how to protect against something that they have never seen before.

SOLUTION

- ✓ ESET Threat Intelligence provides data on the newest threats and trends as well as targeted attacks to help businesses predict and prevent them.
- ✓ ESET endpoint products leverage heuristics and machine learning as part of our multi-layered approach to prevent and protect against never-before-seen malware.
- ✓ ESET's cloud malware protection system automatically protects against new threats without the need to wait for the next detection update.

Ransomware

PROBLEM

Some businesses want extra insurance that they will be protected from ransomware attacks. In addition, they want to ensure their network drives are safe from unauthorised encryption.

SOLUTION

- ✓ Network Attack Protection has the ability to prevent ransomware from ever infecting a system, by stopping exploits at the network level.
- ✓ Our multilayered defence features an in-product sandbox that has the ability to detect malware that attempts to evade detection by using obfuscation.
- ✓ Leverage ESET's cloud malware protection system to automatically protect against new threats without the need to wait for the next detection update.
- ✓ All products contain post-execution protection in the form of Ransomware Shield to ensure that businesses are protected from malicious file encryption.
- ✓ If ESET Server Security detects a potential ransomware sample, it can upload it to ESET LiveGuard Advanced for an even more comprehensive judgement.

This is ESET

Proactive defence. Minimise risks with prevention.

Stay one step ahead of known and emerging cyber threats with our AI-native, prevention-first approach. We combine the power of AI and human expertise to make protection easy and effective.

Experience best-in-class protection thanks to our in-house global cyber threat intelligence, compiled and examined for over 30 years, which drives our extensive R&D network led by industry-acclaimed researchers.

ESET PROTECT, our cloud-first XDR cybersecurity platform, combines next-gen prevention, detection, and proactive threat hunting capabilities with a broad variety of security services, including managed detection and response.

Our highly customisable solutions include local support and have minimal impact on performance, identify and neutralise known and emerging threats before they can be executed, support business continuity, and reduce the cost of implementation and management.

ESET protects your business so you can unlock the full potential of technology.

ESET IN NUMBERS

1bn+
protected internet users

400k+
business customers

200
countries and territories

13
global R&D centres

SOME OF OUR CUSTOMERS

MITSUBISHI MOTORS
Drive your Ambition

protected by ESET since 2017
more than 9,000 endpoints

Allianz Suisse

protected by ESET since 2016
more than 4,000 mailboxes

Canon
Canon Marketing Japan Group

protected by ESET since 2016
more than 32,000 endpoints

ISP security partner since 2008
2 million customer base

RECOGNITION

AV comparatives APPROVED Business Security DEC 2023

ESET is a consistent **top-performer in independent tests** by AV-Comparatives and achieves best detection rates with no or minimal false positives.

G2 Leader WINTER 2024

ESET consistently achieves top rankings on the global G2 user review platform and its solutions are **appreciated by customers worldwide**.

kuppingercole ANALYSTS

ESET is **recognised as a Market Leader** and an Overall Leader in MDR, according to the KuppingerCole Leadership Compass 2023.

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