



OVERVIEW

MAIL SECURITY

Protect your users and their email,
the most exploited threat vector.

Progress. Protected.

What is a **mail security solution**?

A mail security product is designed to prevent threat actors from using email to enter the network. Email is one of the most vulnerable vectors, with over 90% of ransomware being delivered via email. In addition to protecting against threats, it also protects against spam and phishing.

ESET Mail Security provides an additional layer of security to organisations that are interested in stopping threats from ever reaching their users. It provides multilayered security for the host itself.

ESET Mail Security solutions

- ✓ ESET Mail Security for Microsoft Exchange Server
- ✓ ESET Mail Security for IBM Domino



"THE BIGGEST THING THAT STANDS OUT IS ITS STRONG TECHNICAL ADVANTAGE OVER OTHER PRODUCTS IN THE MARKETPLACE. ESET OFFERS US RELIABLE SECURITY, MEANING THAT I CAN WORK ON ANY PROJECT AT ANY TIME KNOWING OUR COMPUTERS ARE PROTECTED 100%."

Fiona Garland, Business Analyst for Group IT,
Mercury Engineering (Ireland), 1,300 seats



"CENTRALLY MANAGED SECURITY ON ALL ENDPOINTS, SERVERS AND MOBILE DEVICES WAS A KEY BENEFIT FOR US. YET, MONITORING CAPABILITIES, EFFECTIVENESS AND LOWER COST THAN OTHER SECURITY PRODUCTS WAS ALSO CONSIDERED AS PROS."

IT Manager; Diamantis Masoutis S.A., Greece; 6,000+ seats

The ESET difference

ROBUST QUARANTINE MANAGEMENT

Users are sent emails when messages have been quarantined and can handle the message management themselves. In addition, administrators can have summary reports sent to them on a regular basis. However, if ever someone is waiting for an email message, an administrator can easily decide to delete or release messages from a central quarantine.

MULTILAYERED PROTECTION

The first layer works with our proprietary antispam technology, which filters spam messages with almost 100% accuracy as shown by 3rd party testing. On the second layer is our antimalware scanner, which detects suspicious attachments. An additional layer can be implemented in the form of advanced threat defence with ESET LiveGuard Advanced.

PROPRIETARY TECHNOLOGY

ESET Mail Security solutions use in-house developed antispam, anti-phishing and host server protection, combining machine learning, big data and human expertise into one, award-winning mail security platform.

CLUSTER SUPPORT

ESET solutions support the ability to create clusters, which allows products to communicate with each other and exchange configuration, notifications, greylisting database info and more. In addition, this supports Windows Failover Clusters and Network Load Balancing (NLB) clusters to allow for Enterprise-grade protection.

SPEED

Performance and stability are among the most important capabilities for a mail product. Companies need assurances that their email is going to be processed without delay. ESET features a true 64-bit product that allows for clustering to ensure that speed is never a concern for organisations of any size.

HUMAN EXPERTISE, BACKED BY MACHINE LEARNING

The use of machine learning to automate decisions and evaluate possible threats is a vital part of our approach – but it is only as strong as the people who stand behind the system. Human expertise is paramount in providing the most accurate threat intelligence possible, due to the threat actors being intelligent opponents.

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.

Use cases

Ransomware

PROBLEM

Ransomware tends to enter unsuspecting users' mailboxes through email.

SOLUTION

- ✓ ESET Mail Security evaluates the attachment to determine whether it is malicious, unknown or safe.
- ✓ ESET Mail Security evaluates whether specific email rules were entered by an administrator to prevent certain attachment types or sizes from being sent to users.
- ✓ If ESET Mail Security is unsure of the potential threat, it can forward the attachment to the additional solution – ESET LiveGuard Advanced for analysis.
- ✓ LiveGuard Advanced analyses the sample in a cloud sandbox, then submits the result back to Mail Security within minutes.
- ✓ If the file is found to be malicious, ESET Mail Security automatically destroys the email that contained the malicious content.

Stop phishing in its tracks

PROBLEM

Users are constantly targeted via phishing campaigns that may contain other malicious components.

SOLUTION

- ✓ An early warning system such as ESET Threat Intelligence notifies about a phishing campaign.
- ✓ Rules can be implemented in ESET Mail Security to prevent emails from being received from known malicious countries and domains.
- ✓ ESET Mail Security uses a sophisticated parser that searches message body and subject line to identify malicious links.
- ✓ Any email containing malicious files or links is quarantined and prevented from being received by the users.

Prevent business continuity issues by reducing spam

PROBLEM

A single user risks being overwhelmed by having to sift through emails to decide if they are legitimate or not. In addition, every spam email may be forwarded to the IT department to confirm legitimacy.

SOLUTION

- ✓ ESET Mail Security analyses email using proprietary technology to determine if an email is legitimate or spam.
- ✓ Emails that are determined to be spam are quarantined, and users are delivered a message indicating that emails have been quarantined.
- ✓ Administrators, in addition to the user who received the email, have the ability to release emails or delete them from being delivered.

ESET Mail Security technical features

ANTISPAM

Using our own proprietary award-winning engine, spam is prevented from ever reaching your users' mailboxes. Includes SPF and DKIM validation, backscatter protection and SMTP protection.

ANTIMALWARE

Our second layer of protection built into ESET Mail Security provides detection of suspicious or malicious attachments to prevent users from being infected.

ANTI-PHISHING PROTECTION

Prevents users from accessing web pages known for phishing by parsing message bodies and subject lines to identify URLs. URLs are then compared against the phishing database and rules to decide whether it is good or bad.

HYBRID OFFICE 365 SCANNING

Supports businesses that utilise Microsoft Exchange in a hybrid setup.

RULES

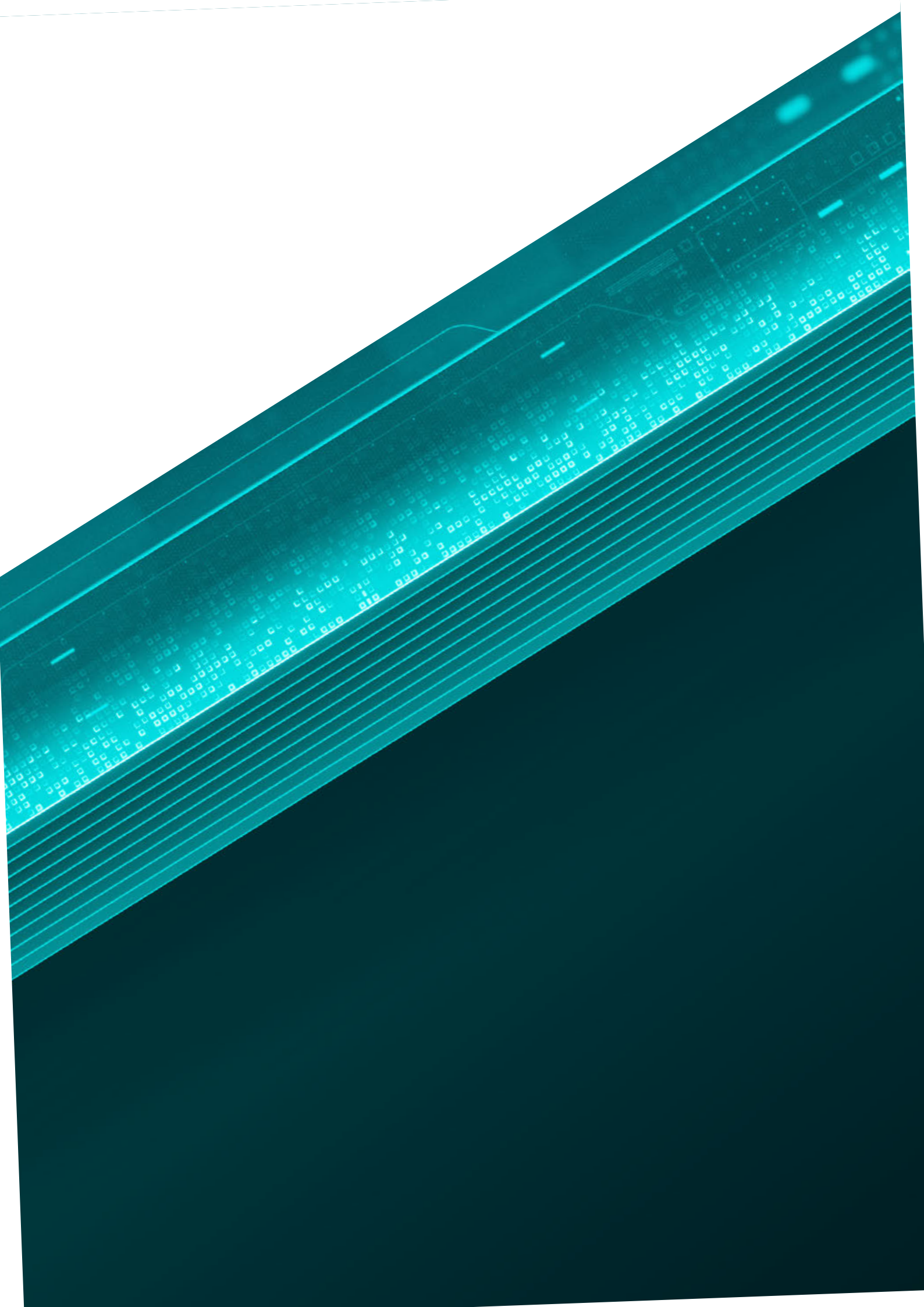
ESET's comprehensive rules system allows administrators to manually define email filtering conditions and actions to take with filtered emails.

WEB-BASED QUARANTINE

Emails are automatically provided to users about their spam emails that were quarantined. Then users have the ability to log in and manage their own spam rather than being managed solely by the admin.

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ESET Mail Security uses a sophisticated parser that searches message body and subject line to identify malicious links.



About ESET

Next-gen digital security for business

WE DON'T JUST STOP BREACHES—WE PREVENT THEM

Unlike conventional solutions that focus on reacting to threats after they've been executed, ESET offers an unmatched AI-powered prevention-first approach backed by human expertise, renowned global Threat Intelligence, and an extensive R&D network led by industry-acclaimed researchers—all for the continuous innovation of our multilayered security technology.

Experience unparalleled protection from ransomware, phishing, zero-day threats and targeted attacks with our award-winning, cloud-first XDR cybersecurity platform that combines next-gen prevention, detection, and proactive threat hunting capabilities. Our highly customisable solutions include hyperlocal support. They offer minimal impact on endpoint performance, identify and neutralise emerging threats before they can be executed, ensure business continuity, and reduce the cost of implementation and management.

In a world where technology enables progress, protect your business with ESET.

ESET IN NUMBERS

1bn+

protected
internet users

400k+

business
customers

200

countries and
territories

13

global
R&D
centres

SOME OF OUR CUSTOMERS



protected by ESET since 2017
more than 9,000 endpoints



protected by ESET since 2016
more than 4,000 mailboxes



protected by ESET since 2016
more than 32,000 endpoints



ISP security partner since 2008
2 million customer base

RECOGNITION



ESET received the Business Security APPROVED award from AV - Comparatives in the Business Security Test in July 2023.



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



ESET has been recognised as a 'Top Player' for the fourth year in a row in Radicati's 2023 Advanced Persistent Threat Market Quadrant.