ESET®

MAIL
SECURITY

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

What is a
mail security
solution?

A mail security product is designed to protect the email vector from threats entering 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 organizations who are interested in stopping threats from ever reaching their users – multilayered security of the host itself.

Why **a mail security solution?**

RANSOMWARE

Ransomware has been a constant concern for industries across the world ever since Cryptolocker in 2013. Despite ransomware existing for far longer, it was never a major threat that businesses were concerned about. However, now a single incidence of ransomware can easily render a business inoperable by encrypting important or necessary files. When a business experiences a ransomware attack, they quickly realize that the backups they have are not recent enough, so the business feels as though they must pay the ransom.
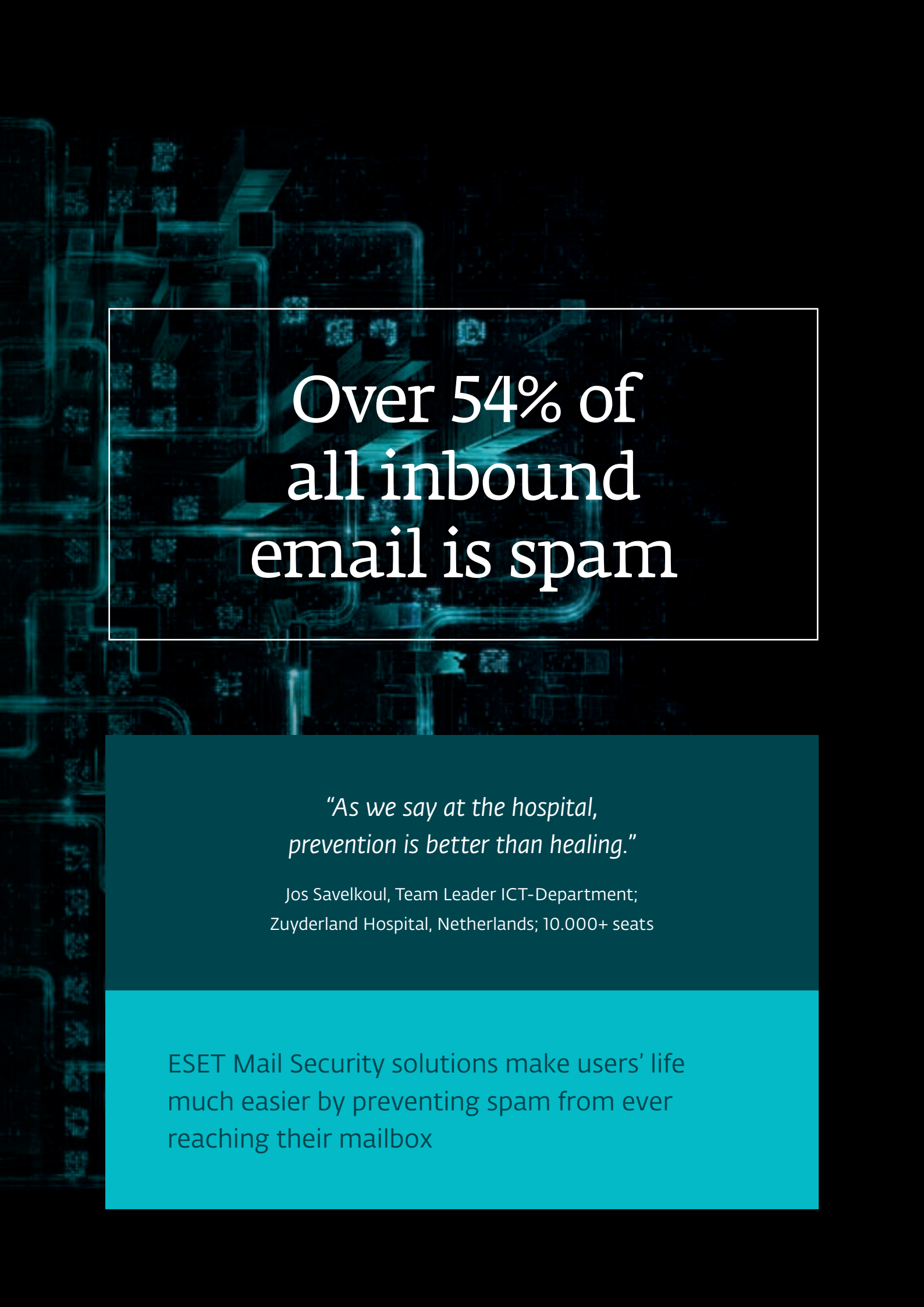
ESET Mail Security solutions provide an additional layer of defense to prevent ransomware from ever getting to the users' mailboxes. In addition, the ability to block certain attachment types or all attachment types further limits the organization's exposure to ransomware.

SPAM PROTECTION

Most organization's users have enough work to do without having to sift through large amounts of spam to find the most important emails. In fact, over 54% of all inbound email is spam. Users will have trouble being efficient if every other email they receive they have to determine if it is spam or not.

ESET Mail Security solutions make users' life much easier by preventing spam from ever reaching their mailbox. Leave the decision whether something is good or bad to a mail security product rather than the user. In addition to increasing the organization's efficiency it will increase security because users will not have the opportunity to accidentally or purposely click links in spam emails.

The ability to block certain attachment types or all attachment types further limits the organization's exposure to ransomware.

Over 54% of all inbound email is spam

"As we say at the hospital, prevention is better than healing."

Jos Savelkoul, Team Leader ICT-Department;
Zuyderland Hospital, Netherlands; 10.000+ seats

ESET Mail Security solutions make users' life much easier by preventing spam from ever reaching their mailbox

Exchange   Office 365   IBM   KERIO

ESET's Mail Security solutions

ESET Mail Security for Microsoft Exchange Server
ESET Mail Security for Linux / FreeBSD
ESET Mail Security for IBM Domino
ESET Security for Kerio

"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 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 a cloud sandbox with ESET Dynamic Threat Defense.

PROPRIETARY TECHNOLOGY

ESET Mail Security solutions use in-house developed anti-spam, 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 organizations 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 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 prioritize new technologies based on the most recent threats or possible new vectors.

Use cases

Ransomware

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 Dynamic Threat Defense for analysis.

✓ Dynamic Threat Defense then analyzes the sample in a cloud sandbox, then submits the result back to Mail Security within minutes.

✓ If the file was found to be malicious, ESET Mail Security automatically destroys the email that contained the malicious content.

Stop phishing in its tracks

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

SOLUTION

✓ 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

A single user will not be efficient due to having to sift through whether emails are legitimate or not. In addition, every spam email may be forwarded to the IT department to confirm legitimacy.

SOLUTION

✓ ESET Mail Security analyzes 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 messages body and subjects to identify URLs. URLs are then compared against phishing database and rules to decide whether it is good or bad.

HYBRID OFFICE 365 SCANNING

Supports businesses who utilize Microsoft Exchange in a hybrid setup.

RULES

ESET's comprehensive rule 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 solely being managed by the admin.

ESET Mail Security analyzes email using proprietary technology to determine if an email is legitimate or spam.

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

About ESET

For more than 30 years, ESET® has been developing industry-leading IT security software and services, delivering instant, comprehensive protection against evolving cybersecurity threats for businesses and consumers worldwide.

ESET is privately owned. With no debts and no loans, we have the freedom to do what needs to be done for the ultimate protection of all our customers.

ESET IN NUMBERS

110m+
users worldwide

400k+
business customers

200+
countries & territories

13
global R&D centers

SOME OF OUR CUSTOMERS

MITSUBISHI MOTORS
Drive your Ambition

protected by ESET since 2017
more than 14,000 endpoints

Canon
Canon Marketing Japan Group

protected by ESET since 2016
more than 9.000 endpoints

Allianz
Suisse

protected by ESET since 2016
more than 4,000 mailboxes

ISP security partner since 2008
2 million customer base

Why choose ESET

ESET is compliant with ISO/IEC 27001:2013, an internationally recognized and applicable security standard in implementing and managing information security. The certification is granted by the third-party accredited certification body SGS and demonstrates ESET's full compliance with industry-leading best practices.

ESET AWARDS

AV comparatives
APPROVED
Business Security
JUL 2020

SE Labs
AAA
JAN-MAR 2020
ENTERPRISE ENDPOINT PROTECTION

AV TEST 2019
av-test.org
AWARD
Best Usability
ESET
Endpoint Security

G2
Leader
SUMMER
2020

Gartner peer insights
customers' choice
2019

canalys
CYBERSECURITY
CHAMPION
2020

ANALYST RECOGNITION

Gartner

ESET was named the only Challenger in 2019 Gartner Magic Quadrant for Endpoint Protection Platforms, for the second year running.

FORRESTER®

ESET was rated a Strong Performer in the Forrester Wave(TM): Endpoint Security Suites, Q3 2019.

THE RADICATI GROUP, INC.
A TECHNOLOGY MARKET RESEARCH FIRM

ESET was rated 'Top Player' in the 2019 Radicati Endpoint Security report according to two main criteria: functionality and strategic vision.