HORNETSECURITY

FACT SHEET

SPAM AND MALWARE PROTECTION

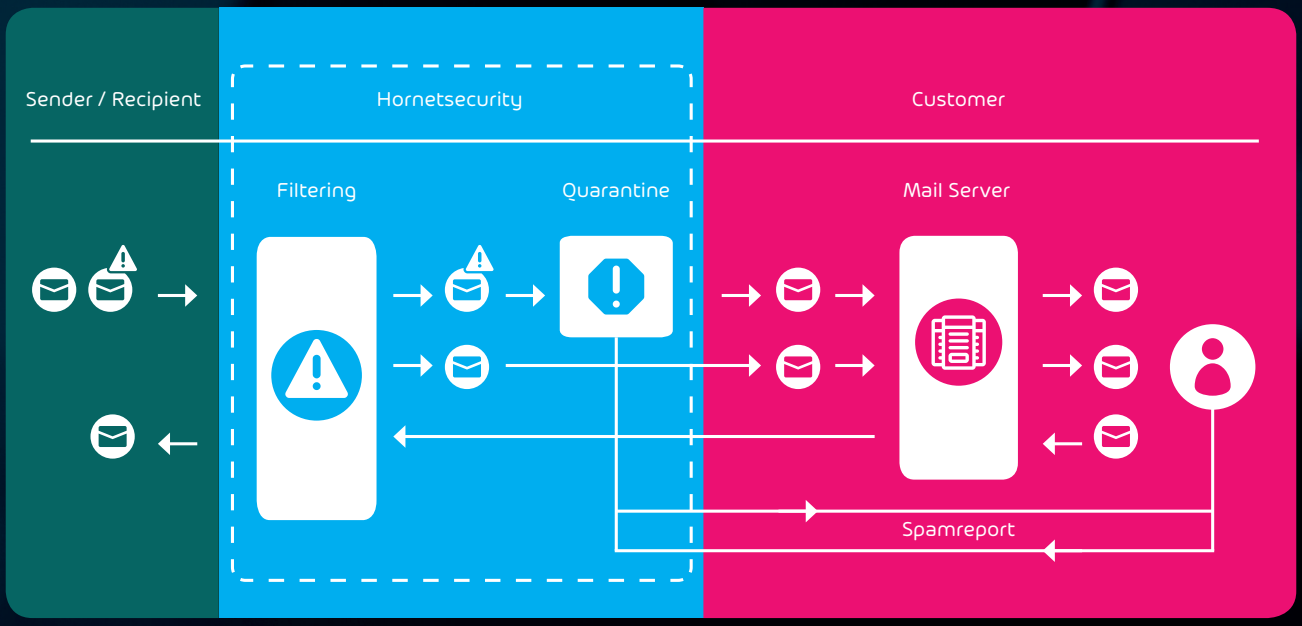
With a guaranteed 99.9% spam detection rate and 99.99% virus detection, Spam and Malware Protection offers the highest detection rates on the market.

Accounting for over 50% of all email traffic, spam is the most intrusive way cybercriminals try to introduce malware and viruses into corporate systems. The comprehensive features and thorough filtering mechanisms of Spam and Malware Protection keep your mailbox free of annoying and harmful spam.

Protection from:

- **Viruses**
- **DDoS attacks**
- **Backscatter**

INTEGRATION OF SPAM AND MALWARE PROTECTION IN THE EMAIL MANAGEMENT SYSTEM



Incoming emails go through two stages:

The majority of spam messages are rejected at the blocking stage.

The remaining emails move on to active analysis, where the email stream is cleaned by a variety of filter rules.

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PRECISE ANALYSIS MECHANISMS AND RELIABLE FILTERS:

Phishing filter: Link tracking and other mechanisms effectively protect against phishing emails. Among other things, reloadable malicious script commands are detected. This enables, for example, the detection of dangerous drive-by downloads.

Infomail filter: Newsletters not classified as spam and other info emails that interrupt the workflow unnecessarily are filtered out and stored for later retrieval. They are listed in the individual spam report and can be delivered and whitelisted by mouse click if required.

Link tracking: Incoming and outgoing emails are automatically scanned for malicious URLs.

Automatic virus signature update: The malware filters are constantly updated and are always up to date. Among other things, the company uses its own scanners, which are specialized in malware spread by emails.

Outbound filtering: Outgoing emails are checked for spam and viruses to prevent the customer from unintentionally sending or forwarding malware and spam emails.

Bounce management: Only genuine bounces reach the recipient in incoming mail traffic; bounces in response to spam with fake sender addresses are reliably filtered out.

Content filter for file attachments: Unwanted attachments can be rejected or moved to quarantine.

Dynamic virus outbreak detection: New and previously unknown viruses are stopped by the early warning system. Hornetsecurity permanently analyzes incoming emails on so-called honeypot accounts (email addresses whose sole purpose is to receive spam) for unusual attachments, links, senders or contents. The derivation of signatures from this is carried out within the shortest possible reaction time (usually <5 minutes).

Less than 0.00015 false positives: The number of regular emails inadvertently classified as spam is less than 0.00015.

EASILY MANAGE AND COMPLY WITH **COMPLIANCE POLICIES**

Spam report in configurable intervals: Users can adapt the delivery of their spam reports to their working methods and schedule them for specific times, even several times a day.

One-click release: Emails in quarantine can be delivered from the spam report with a click of the mouse, regardless of whether they are presumed spam messages or info emails.

Good overview thanks to blocking: The vast majority of all spam emails are blocked directly. This gives the user a quick overview of current emails in quarantine.

Eases the burden on the email server: Spam and Malware Protection only lets valid messages through, which significantly increases the performance of the customer mail server.