

# The problem

Spam is a problem that just hasn't gone away. It's evolved from resource draining 'affiliate spam' used to send high volumes of unsolicited marketing messages to the current state where cyber criminals use email to deliver targeted malware and ransomware. They are determined to steal data, commit fraud and exploit your networks. Cyber criminals rely on volume and velocity so **real-time threat intelligence** from Spamhaus, drawn from **live sources** across the internet, is your **best, first line of defence**.

**What to do now**  
 Existing Spamhaus users can enable by contacting their usual local re-seller.  
 Users who are new to Spamhaus can sign up for a free 30-day trial at [www.spamhaustech.com/free-trial](http://www.spamhaustech.com/free-trial)

## 90% of the world's email traffic is spam



## Spamming trends



**Hailstorm**  
 High volume, high velocity sudden spam from a single IP



**Snowshoe**  
 Low volume, low velocity spam but from multiple IPs

## Spam operators



Just **100 spam operations** account for **80% of spam** in North America and Europe, traced via aliases, addresses, redirects, locations of servers, domains and DNS setups

# [ Email security: the Spamhaus approach ]

## It's global! Spamhaus index of top ten countries with active spam operations



## Spam isn't just unwanted email



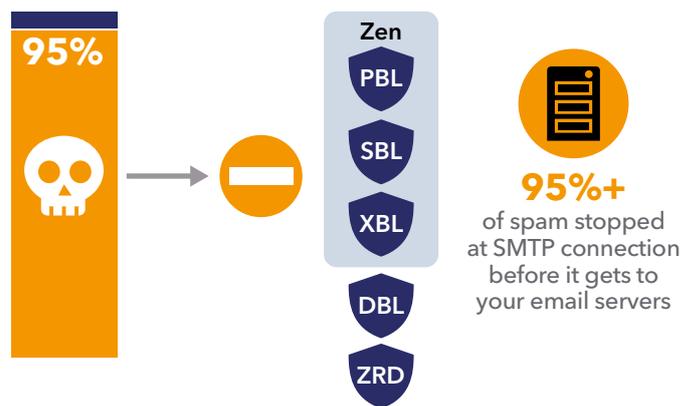
Industry estimates are that at least **40% of cyber security threats** come via email

## Proactive protection

Spamhaus data feed services provide the information you need to block spam before they become active threats

- Zen  
PBL
**Policy Block List**  
 End-user devices that should not send email e.g. smart TVs, home routers
- SBL
**Spamhaus Block List**  
 IP address ranges involved in distributing unsolicited emails
- XBL
**eXploits Block List**  
 Devices infected by malware, worms etc or controlled by Botnets
- DBL
**Domain Block List**  
 Domain based info identifying spammers
- ZRD
**Zero Reputation Domain**  
 Blocks new domains for 24 hours until their reputations can be established

## 3,000,000,000+ mailboxes protected by Spamhaus every day



Real-time threat intelligence, our goal – zero false positives