

# Other very important functions of TotalBlock

## Harvesting

TotalBlock will detect attempts at email address harvesting and deliberately slow the response.

## Storming

TotalBlock will detect excessive email transactions i.e. denial of service attack, and will reject the unwanted attention freeing up network capacity.

## Email Delivery

Advanced techniques to ensure delivery of corporate email.

## Anti-Virus, Corporate Standards, Archiving and Networks

All of these systems need concern themselves only with wanted email, so you don't waste valuable resources on anything else.

# Technical Information

## TotalBlock

- ∅ runs on a Windows 2000, 2003 or XP Pro server directly behind a corporate firewall
- ∅ can communicate with SMTP servers that can be any software on any platform
- ∅ interfaces with LDAP for authentication

The user email software can be any software on any platform. Users access their settings via a web interface.

Think you have solved the problem of unwanted email? You better THINK AGAIN! There's a lot better way to handle it.

## IF YOU, YOUR STAFF OR YOUR CLIENTS ARE DEALING WITH THE FOLLOWING TASKS EVERY DAY:

- ∅ Searching through quarantine folders for email that you want OR Not searching through quarantine folders for email because of the effort involved;
- ∅ Tweaking filter levels;
- ∅ Archiving four out of five of your emails that you will never retrieve because they are SPAM;
- ∅ Handling client issues about email

## YOU ARE WASTING VALUABLE TIME AND RESOURCES.

DON'T LET SPAM INVADE YOUR PRIVACY!  
**TOTALBLOCK**<sup>®</sup>

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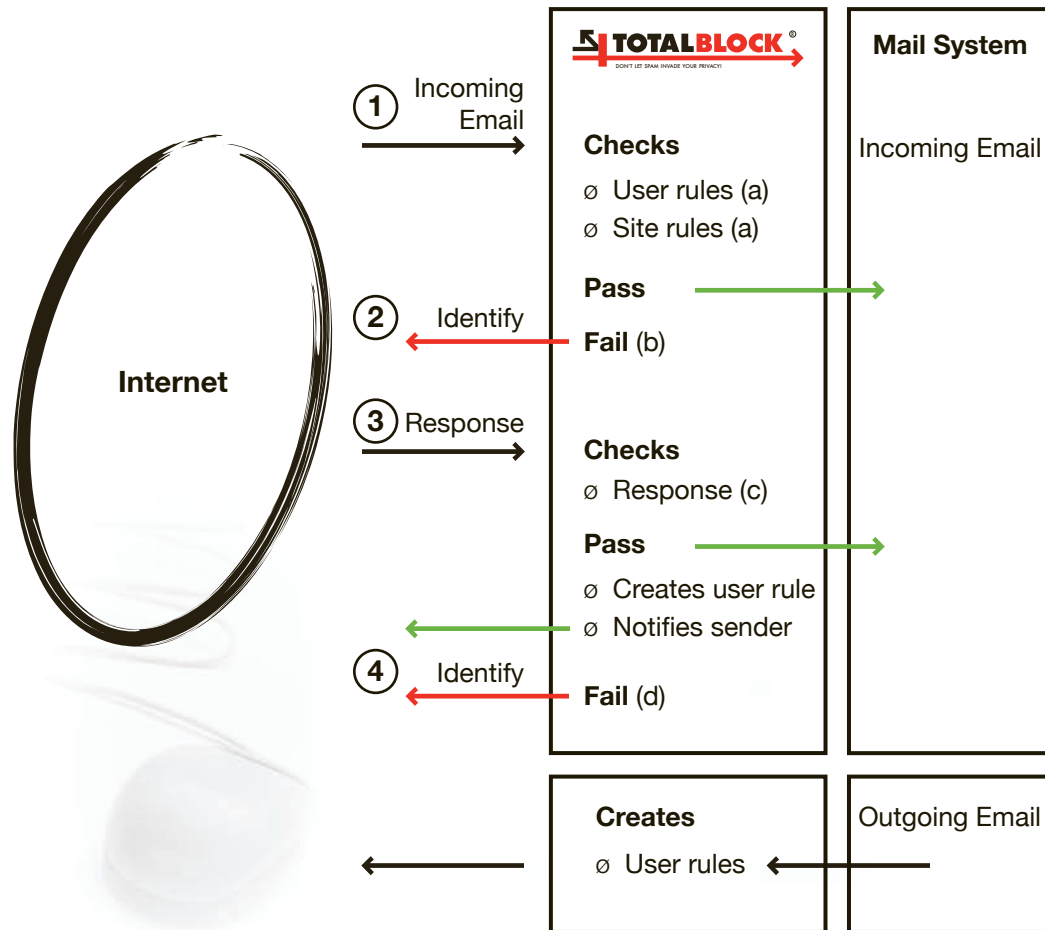
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Read on and find out how TotalBlock can help you solve these problems. Satisfied users – COMPANY MANAGERS, IT MANAGERS, AND SECURITY MANAGERS – are one in saying that they've made the right choice!



- (a) Rules are email, domain and IP addresses; you can block or allow
- (b) SPAM will usually fail at this point; the server will not respond
- (c) The response can be characters from an image, or simply a reply
- (d) TotalBlock will reply to an invalid response i.e. wrong character from an image

# How TotalBlock Works

The diagram at left shows:

1. TotalBlock checks incoming email against its allowable and prohibited lists. These lists are managed at both a site and a user level.
2. If TotalBlock does not identify the sender, then the "Identify Yourself" message is issued.
3. TotalBlock waits for a response. If the user responds correctly, then the incoming email is forwarded to the inbox and a user rule is added.
4. If the identification fails, the sender is notified. If a correct reply is not received, the original email is logged and trashed.

TotalBlock uses Identify-Authorize technology. It requires a first time sender to identify themselves as a person in order to send email to any recipient protected by TotalBlock. Identification is a simple process and involves TotalBlock sending an "Identify Yourself" email to the sender. The response from the sender can either be a simple reply or the identification of characters from an image. You choose which method and the "Identify Yourself" message is completely customizable. (This approach is now widely used for Internet based communications. It requires the sender to take steps to identify that the sender is a person, not a computer). Once the sender successfully identifies themselves, they are permanently authorized to send emails to the recipient.

Once a sender is authorized, they need only go through the Identify-Authorize process again if they change their email address!

TotalBlock makes life easy for you, the recipient. Not only can you load your address book, you can also choose that any receiver of an email from you will automatically be authorized.

You can identify senders from the same domain or IP address, so that whole groups of people can automatically be authorized and never know that you are running a SPAM-blocker. You can do this manually; in fact, you can intervene with TotalBlock at any time to authorize or block individuals or groups, or suspend blocking for a period if you are expecting email from an unknown source, such as a confirmation email for a product or service that you may have just bought over the internet.

Finally, TotalBlock keeps a full history of its actions, so you can see what has happened to all incoming email and easily release any emails you want to see.