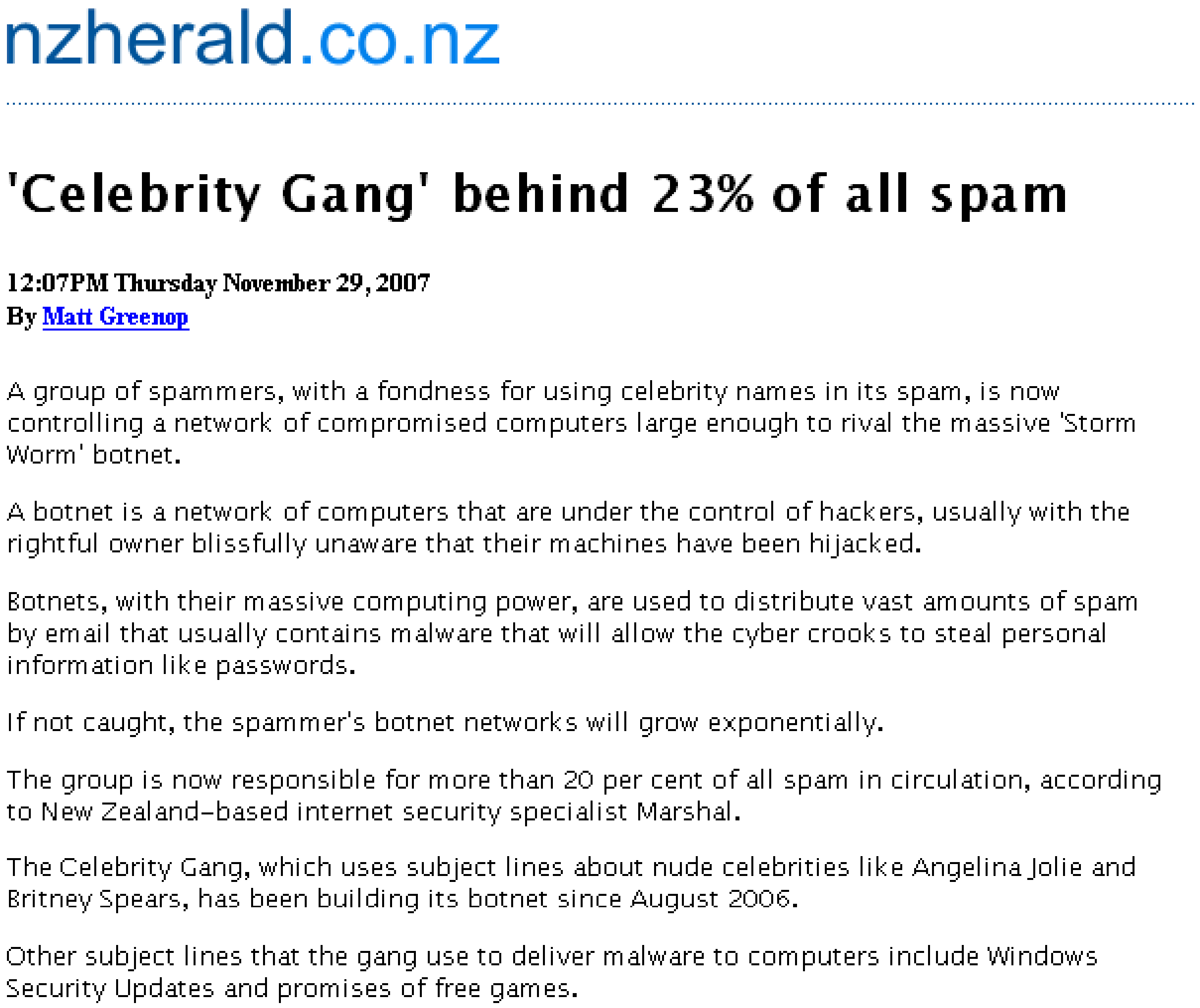
Ethical Hacking and Countermeasures

Version 6

Module XL

Spamming

News



nzherald.co.nz

'Celebrity Gang' behind 23% of all spam

12:07PM Thursday November 29, 2007
By Matt Greenop

A group of spammers, with a fondness for using celebrity names in its spam, is now controlling a network of compromised computers large enough to rival the massive 'Storm Worm' botnet.

A botnet is a network of computers that are under the control of hackers, usually with the rightful owner blissfully unaware that their machines have been hijacked.

Botnets, with their massive computing power, are used to distribute vast amounts of spam by email that usually contains malware that will allow the cyber crooks to steal personal information like passwords.

If not caught, the spammer's botnet networks will grow exponentially.

The group is now responsible for more than 20 per cent of all spam in circulation, according to New Zealand-based internet security specialist Marshal.

The Celebrity Gang, which uses subject lines about nude celebrities like Angelina Jolie and Britney Spears, has been building its botnet since August 2006.

Other subject lines that the gang use to deliver malware to computers include Windows Security Updates and promises of free games.

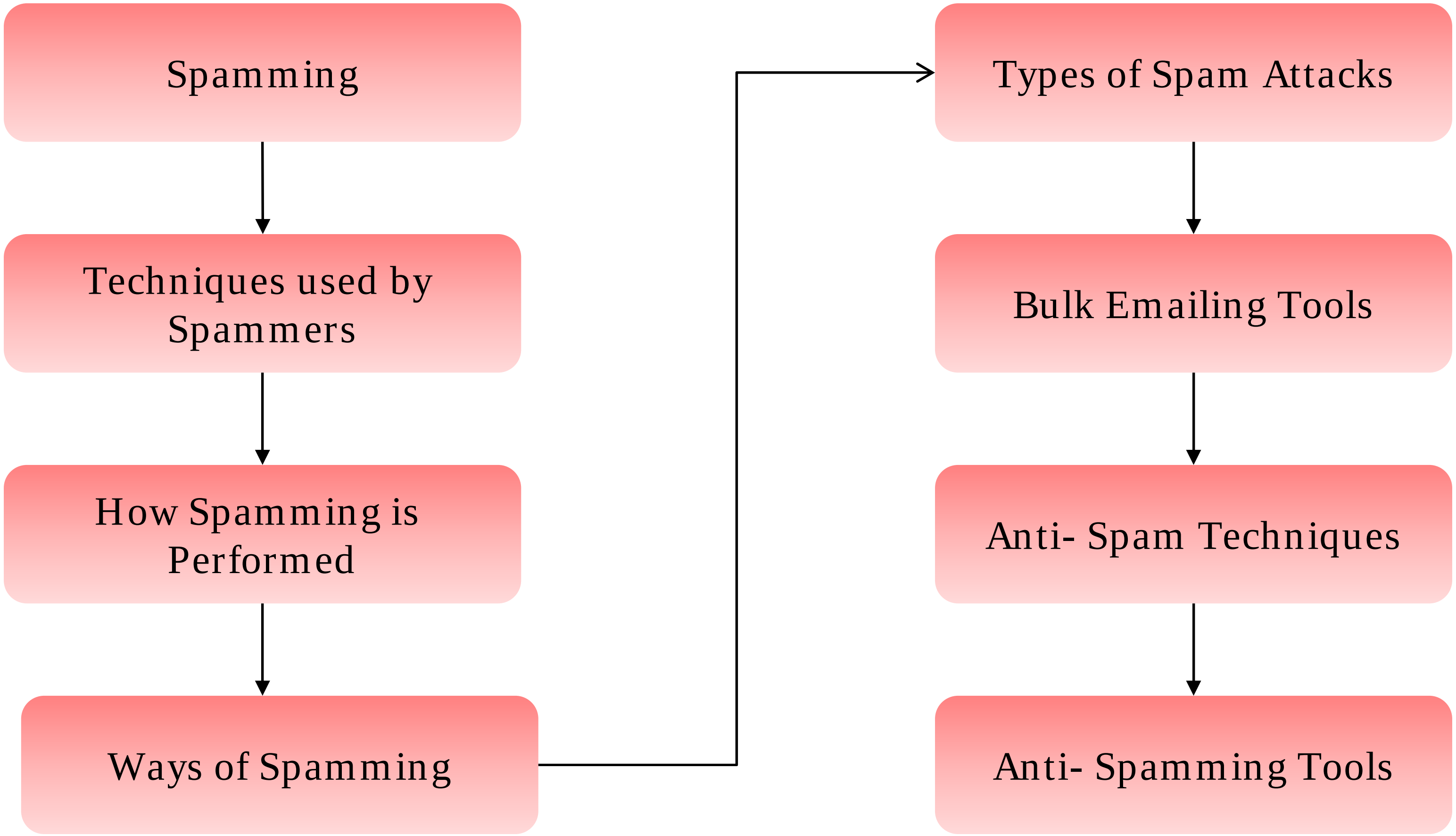
Source: *http://www.nzherald.co.nz/*

Module Objective

This module will familiarize you with:

- Spamming
- Techniques used by Spammers
- How Spamming is performed
- Ways of Spamming
- Types of Spam attacks
- Bulk Emailing Tools
- Anti-Spam Techniques
- Anti- Spamming Tools

Module Flow



Spamming

Techniques used by Spammers

How Spamming is Performed

Ways of Spamming

Types of Spam Attacks

Bulk Emailing Tools

Anti- Spam Techniques

Anti- Spamming Tools

Introduction

Spamming is populating the user’s inbox with unsolicited or junk emails

Spam email contains malicious computer programs such as viruses and Trojans which change the computer settings or track the system

Spamming is also used for product advertisements

C|EH™ Certified Ethical Hacker

Techniques Used by Spammers

Spoofing the domain:

- Message appears to be from user's own domain

Poisoning or spoofing filters:

- Addition of invisible text or numbering in message

Social Engineering:

- Used to manipulate people to perform actions or divulge confidential information

Directory harvesting:

- By sending messages to possible addresses and then building a list of valid email addresses through non-delivery reports

Phishing attacks:

- Convinces the user that the mail is sent by a trusted source

Techniques Used by Spammers (cont'd)

Sending virus attached files:

- It installs Trojan horse and viruses that malfunctions host computer

Database Poisoning:

- Using innocuous words (ham words)in a SPAM, thereby effectively poisoning the database in the long run

Junk Tags:

- Hiding spam words by inserting invalid HTML tags in between words

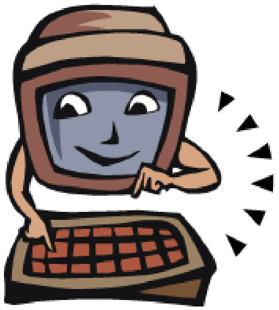
Invalid Words:

- Spam word like mortgage etc. are masked by inserting special characters or junk characters in between

How Spamming is Performed

Getting the email ID's

- Spammers get access to the email ID's when the user registers to any email service, forums, or blogs by hacking the information or registering as genuine users
- Spiders are used which searches the code in web pages that looks as email ID's and copies it to the database
- E-mail extraction tools that have built in search engines to find email ID's of companies based on the key words entered are used
- On-line Ad Tracking tools help the spammers to analyze details of the number of users who opened the spam mails, the responses to it, and which ad brought the best results



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How Spamming is Performed (cont’d)

How Spam is Relayed

- Rogue ISPs obtain their own network numbering and multiple domain names from the interNIC using which spammers manage to get across spam blocks
- On-the-fly Spammers - Spammers register as genuine users for trial accounts with ISPs and use forged identities to start spam hits
- Blind Relayers – Some servers relay a message without authentication which is send as genuine mail

Getting passed the anti spam softwares

- The subject line of the email is given as ‘Re: or Fw:’ assures the anti spam softwares that it is a genuine reply to users message
- The spam message is enclosed as an image in the mail to make the anti spam software trust the source

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Ways of Spamming

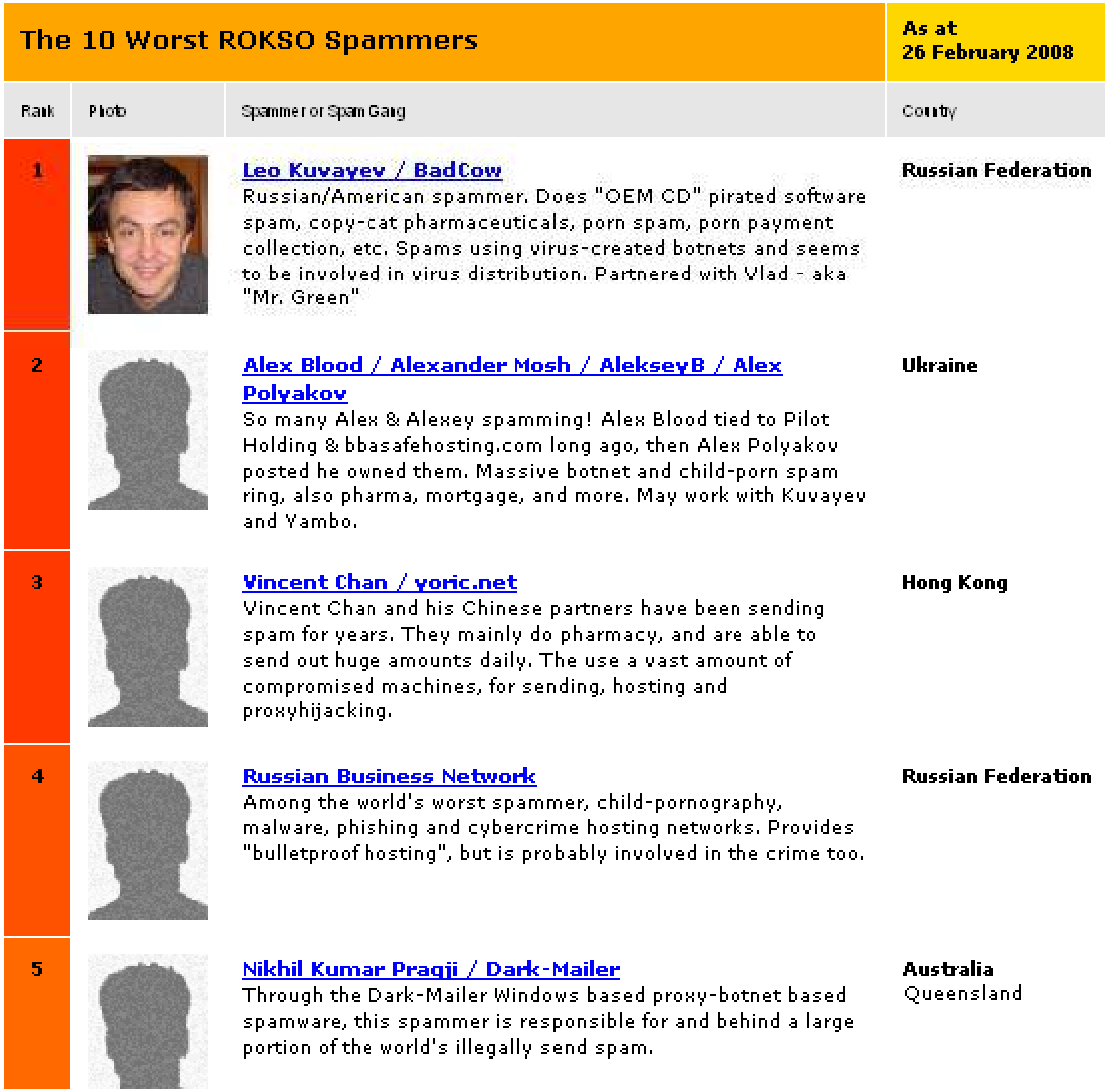
Usenet spam

- It is a single message sent to 20 or more Usenet newsgroups
- It robs users of the newsgroups by overwhelming them with a barrage of advertising or other irrelevant posts

Email Spam

- Email spam targets individual users with direct mail messages
- Email spam lists are often created by scanning Usenet postings, stealing Internet mailing lists, or searching the Web for addresses

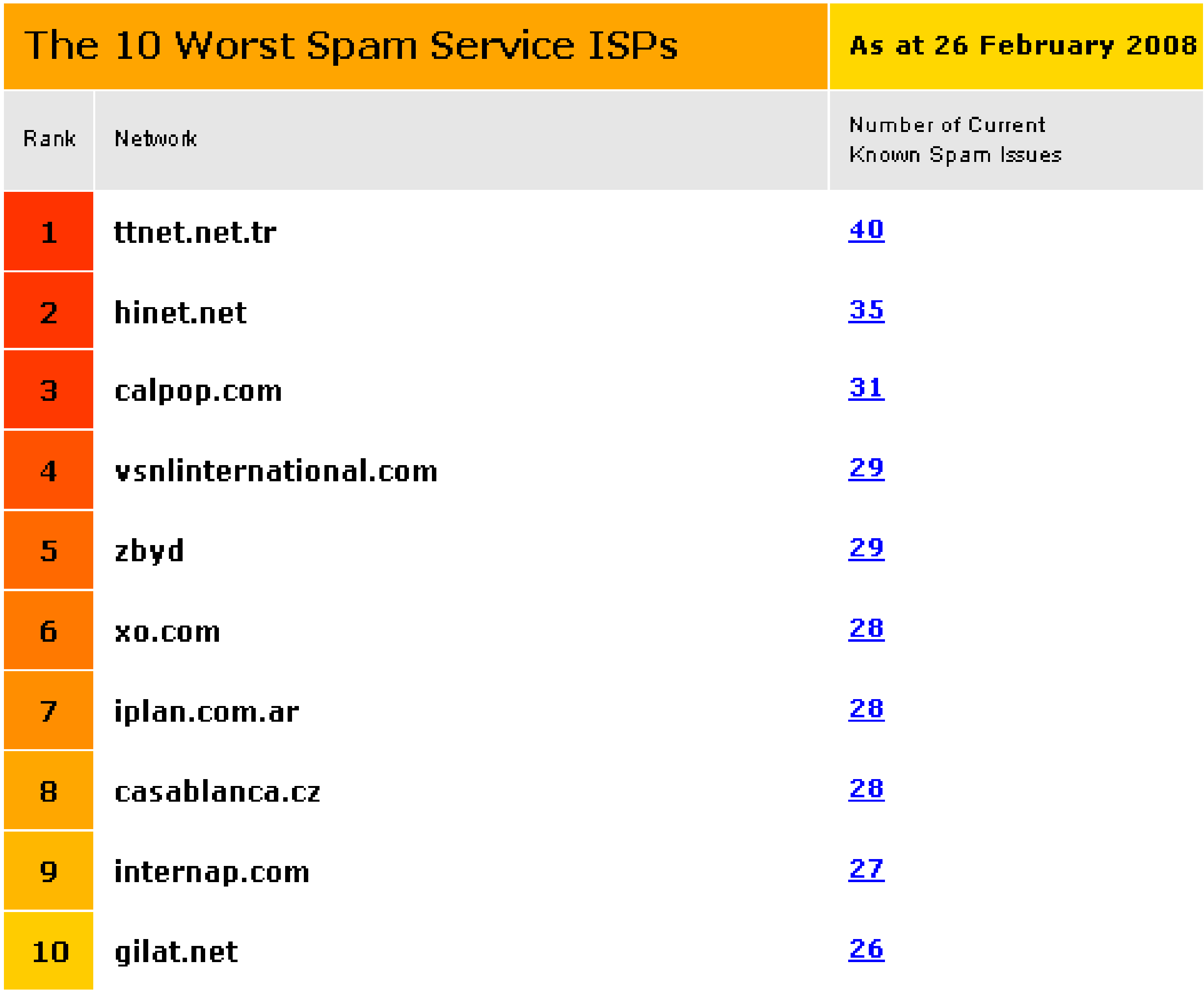
Spammer: Statistics



The 10 Worst ROKSO Spammers			As at 26 February 2008
Rank	Photo	Spammer or Spam Gang	Country
1		**Leo Kuvayev / BadCow** Russian/American spammer. Does "OEM CD" pirated software spam, copy-cat pharmaceuticals, porn spam, porn payment collection, etc. Spams using virus-created botnets and seems to be involved in virus distribution. Partnered with Vlad - aka "Mr. Green"	**Russian Federation**
2		**Alex Blood / Alexander Mosh / AlekseyB / Alex Polyakov** So many Alex & Alexey spamming! Alex Blood tied to Pilot Holding & bbasafehosting.com long ago, then Alex Polyakov posted he owned them. Massive botnet and child-porn spam ring, also pharma, mortgage, and more. May work with Kuvayev and Yambo.	**Ukraine**
3		**Vincent Chan / yoric.net** Vincent Chan and his Chinese partners have been sending spam for years. They mainly do pharmacy, and are able to send out huge amounts daily. The use a vast amount of compromised machines, for sending, hosting and proxyhijacking.	**Hong Kong**
4		**Russian Business Network** Among the world's worst spammer, child-pornography, malware, phishing and cybercrime hosting networks. Provides "bulletproof hosting", but is probably involved in the crime too.	**Russian Federation**
5		**Nikhil Kumar Pragji / Dark-Mailer** Through the Dark-Mailer Windows based proxy-botnet based spamware, this spammer is responsible for and behind a large portion of the world's illegally send spam.	**Australia** Queensland

Source: *http://www.spamhaus.org/*

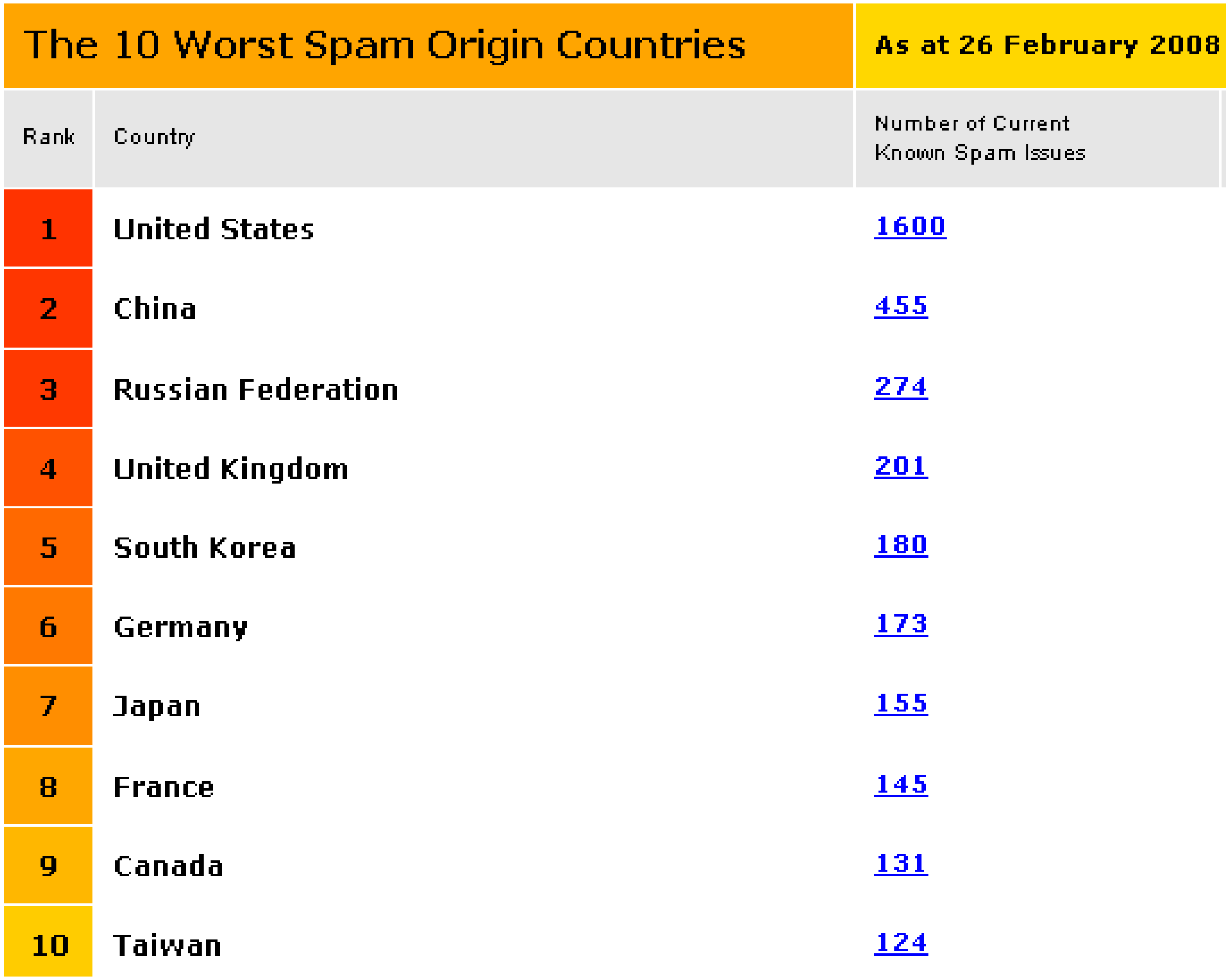
Worsen ISP: Statistics



The 10 Worst Spam Service ISPs		As at 26 February 2008
Rank	Network	Number of Current Known Spam Issues
1	ttnet.net.tr	40
2	hinet.net	35
3	calpop.com	31
4	vsnlinternational.com	29
5	zbyd	29
6	xo.com	28
7	iplan.com.ar	28
8	casablanca.cz	28
9	internap.com	27
10	gilat.net	26

Source: *http://www.spamhaus.org/*

Top Spam Effected Countries: Statistics



The 10 Worst Spam Origin Countries		As at 26 February 2008
Rank	Country	Number of Current Known Spam Issues
1	United States	1600
2	China	455
3	Russian Federation	274
4	United Kingdom	201
5	South Korea	180
6	Germany	173
7	Japan	155
8	France	145
9	Canada	131
10	Taiwan	124

Source: *http://www.spamhaus.org/*

Types of Spam Attacks

Hidden text & links

- Making the text look same as the back ground color

Double tags

- Giving duplicate title tags and Meta tags

Cloaking

- This is done by showing different pages to searchengine and users

Blog & Wiki spamming

- Wiki's are used to add or update the content of any page on the website
- This spamming allows the spammers to automatically run crawlers which hunt out blogs and then post keyword text links

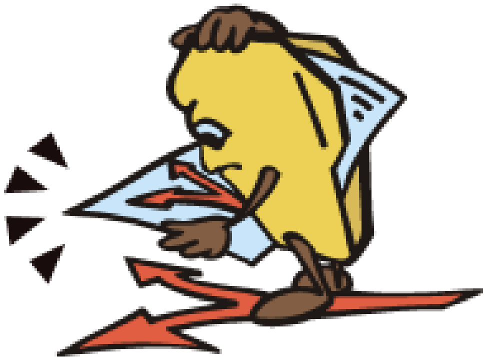
Types of Spam Attacks (cont'd)

Image Spam

- In this type of spamming, emailscontaining only images without any text are sent by spammers to evade security systems/ controls

Hijacking/ pagejacking

- Redirecting a page which improves the page rank of the redirected page



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Spam

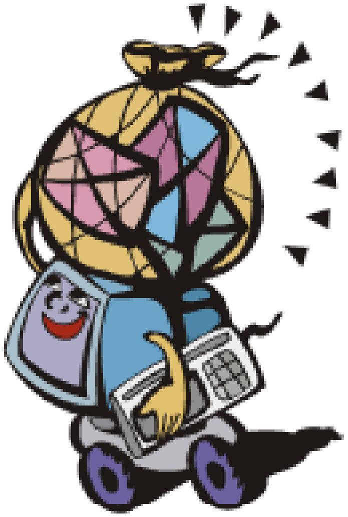
Bulk Emailing Tools

Fairlogic Worldcast

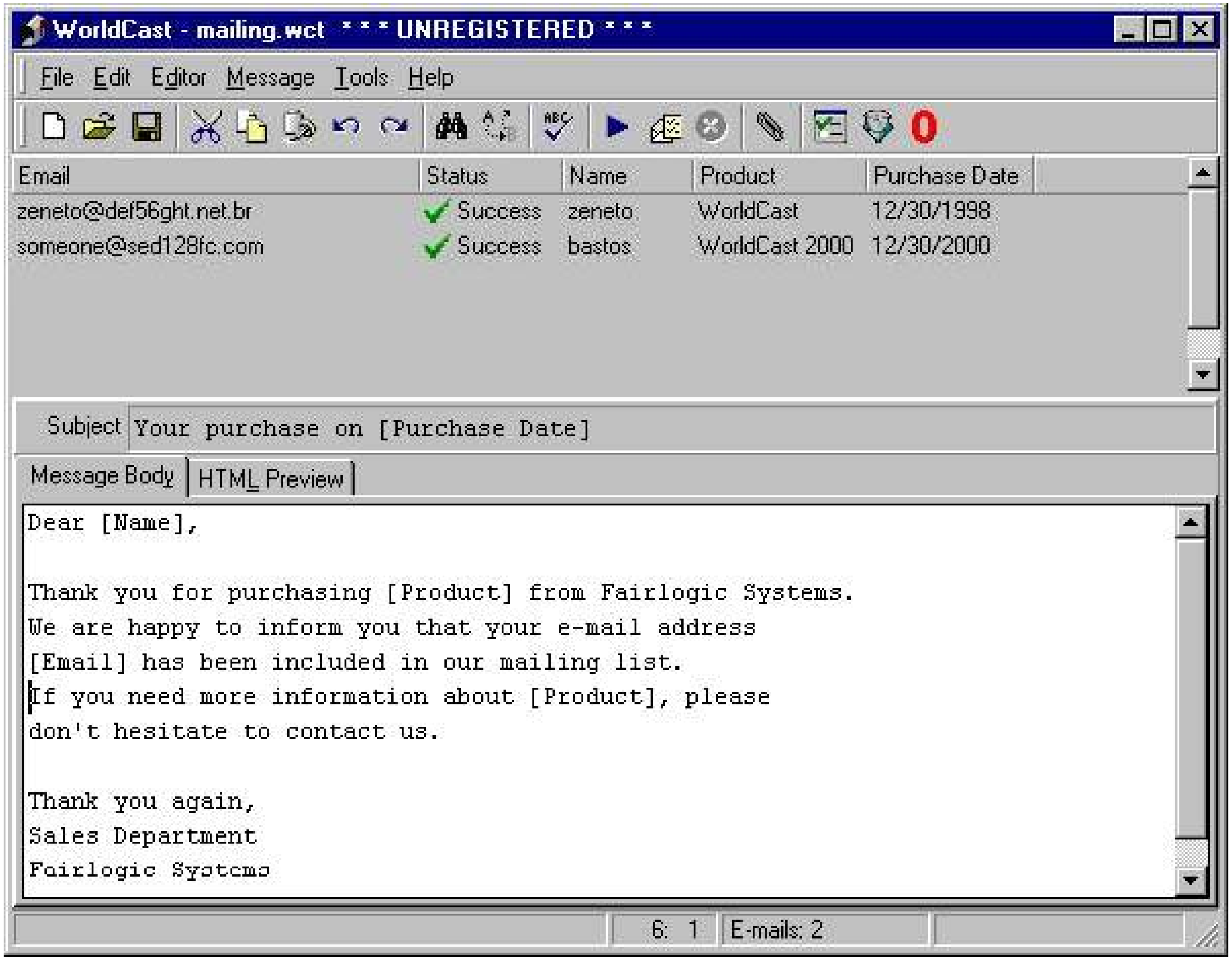
Fairlogic Worldcast bulk emailing tool is a customized mailer and also an address validator

It detects many common bad addresses existing on the mailing lists

It provides a detailed logs of the entire delivering process and reports if there is any kind of error



Fairlogic Worldcast: Screenshot


WorldCast - mailing.wct * * * UNREGISTERED * * *
File Edit Editor Message Tools Help
Message Body
HTML Preview

Email	Status	Name	Product	Purchase Date
zeneto@def56ght.net.br	✓ Success	zeneto	WorldCast	12/30/1998
someone@sed128fc.com	✓ Success	bastos	WorldCast 2000	12/30/2000

Subject: Your purchase on [Purchase Date]

```
Dear [Name],

Thank you for purchasing [Product] from Fairlogic Systems.
We are happy to inform you that your e-mail address
[Email] has been included in our mailing list.
If you need more information about [Product], please
don't hesitate to contact us.

Thank you again,
Sales Department
Fairlogic Systems
```

6: 1 E-mails: 2

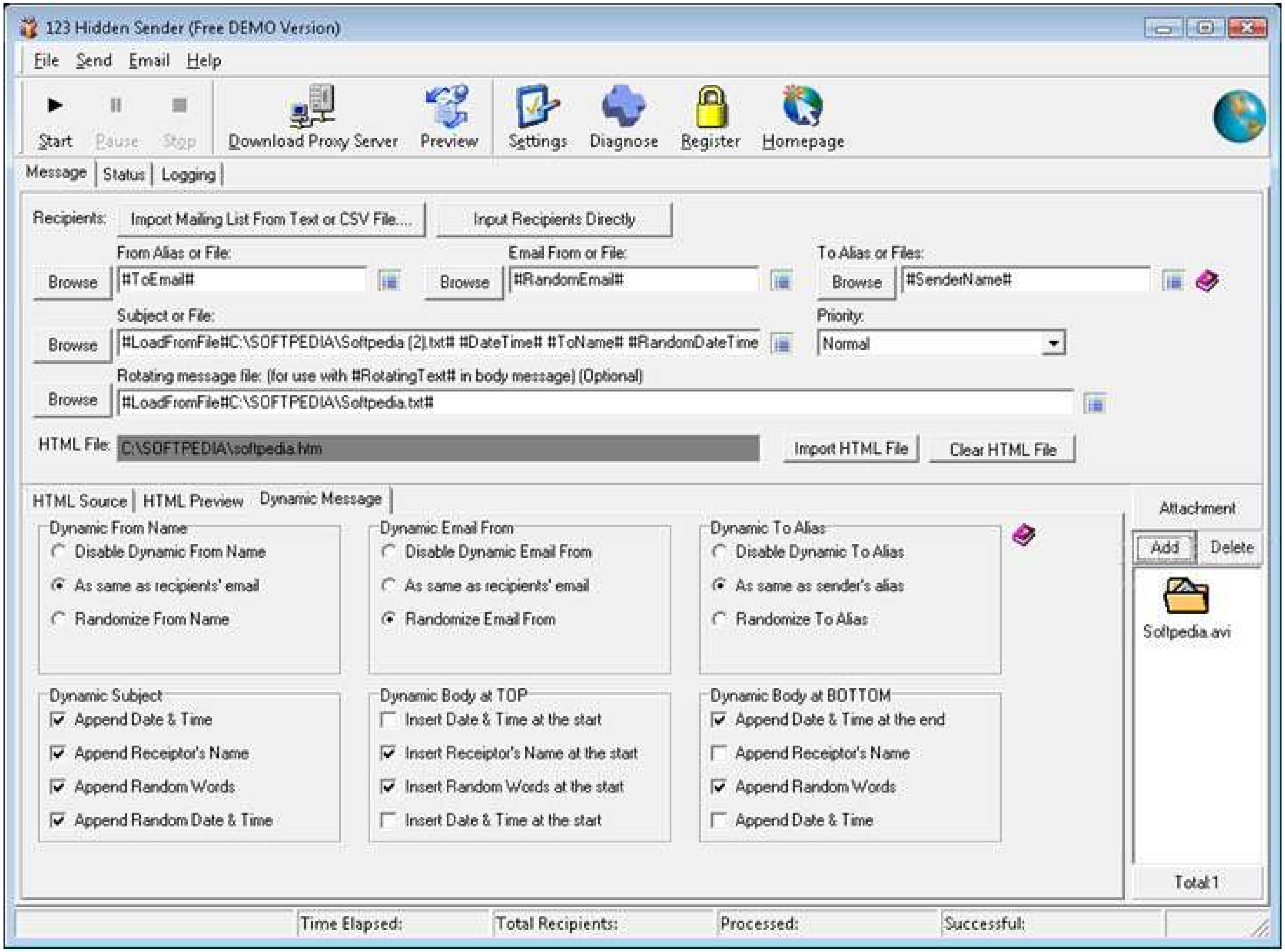
123 Hidden Sender

123 Hidden Sender sends absolute anonymous bulk emails

The IP address is not shown in the email headers

ISP service is not lost

123 Hidden Sender: Screenshot



123 Hidden Sender (Free DEMO Version)

Recipients: Import Mailing List From Text or CSV File.... | Input Recipients Directly

From Alias or File: #ToEmail#

Email From or File: #RandomEmail#

To Alias or Files: #SenderName#

Subject or File: #LoadFromFile#C:\SOFTPEDIA\Softpedia (2).txt# #DateTime# #ToName# #RandomDateTime

Priority: Normal

Rotating message file: (for use with #RotatingText# in body message) (Optional): #LoadFromFile#C:\SOFTPEDIA\Softpedia.txt#

HTML File: C:\SOFTPEDIA\softpedia.htm

Dynamic From Name
- ○ Disable Dynamic From Name
- ● As same as recipients' email
- ○ Randomize From Name

Dynamic Email From
- ○ Disable Dynamic Email From
- ○ As same as recipients' email
- ● Randomize Email From

Dynamic To Alias
- ○ Disable Dynamic To Alias
- ● As same as sender's alias
- ○ Randomize To Alias

Dynamic Subject
- ☑ Append Date & Time
- ☑ Append Receiptor's Name
- ☑ Append Random Words
- ☑ Append Random Date & Time

Dynamic Body at TOP
- □ Insert Date & Time at the start
- ☑ Insert Receiptor's Name at the start
- ☑ Insert Random Words at the start
- □ Insert Date & Time at the start

Dynamic Body at BOTTOM
- ☑ Append Date & Time at the end
- □ Append Receiptor's Name
- ☑ Append Random Words
- □ Append Date & Time

Attachment: Softpedia.avi

Total: 1

Time Elapsed: | Total Recipients: | Processed: | Successful:

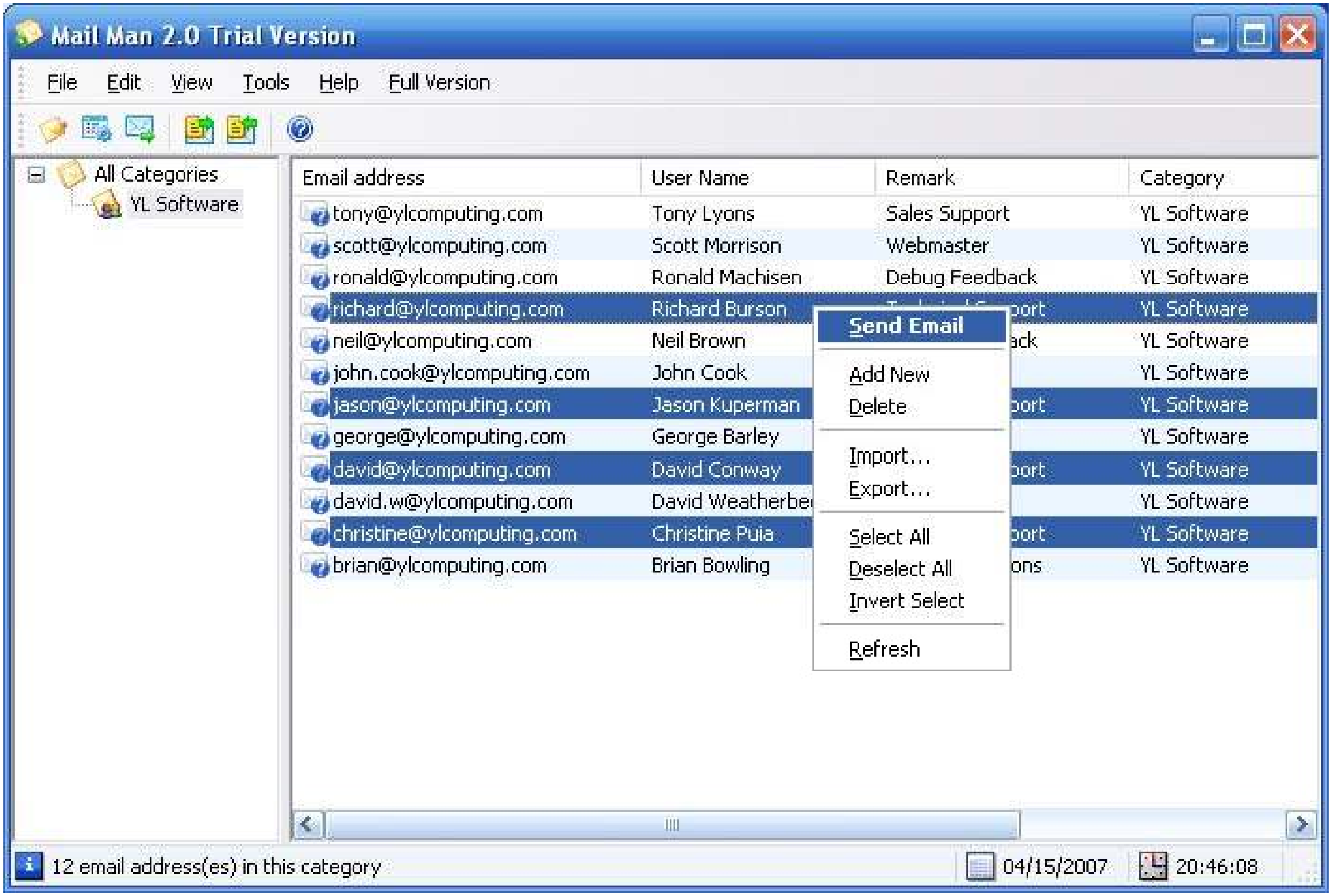
YL Mail Man

YL Mail Man is a flexible email addresses management and email delivering software

It helps companies or shareware authors to organize and manage large volumes of customer email addresses and contact them by email in simple steps

It also has import & export function and a duplicate email addresses remover

YL Mail Man: Screenshot



Email address	User Name	Remark	Category
tony@ylcomputing.com	Tony Lyons	Sales Support	YL Software
scott@ylcomputing.com	Scott Morrison	Webmaster	YL Software
ronald@ylcomputing.com	Ronald Machisen	Debug Feedback	YL Software
richard@ylcomputing.com	Richard Burson	port	YL Software
neil@ylcomputing.com	Neil Brown	ack	YL Software
john.cook@ylcomputing.com	John Cook		YL Software
jason@ylcomputing.com	Jason Kuperman	port	YL Software
george@ylcomputing.com	George Barley		YL Software
david@ylcomputing.com	David Conway	port	YL Software
david.w@ylcomputing.com	David Weatherbe		YL Software
christine@ylcomputing.com	Christine Puia	port	YL Software
brian@ylcomputing.com	Brian Bowling	ons	YL Software

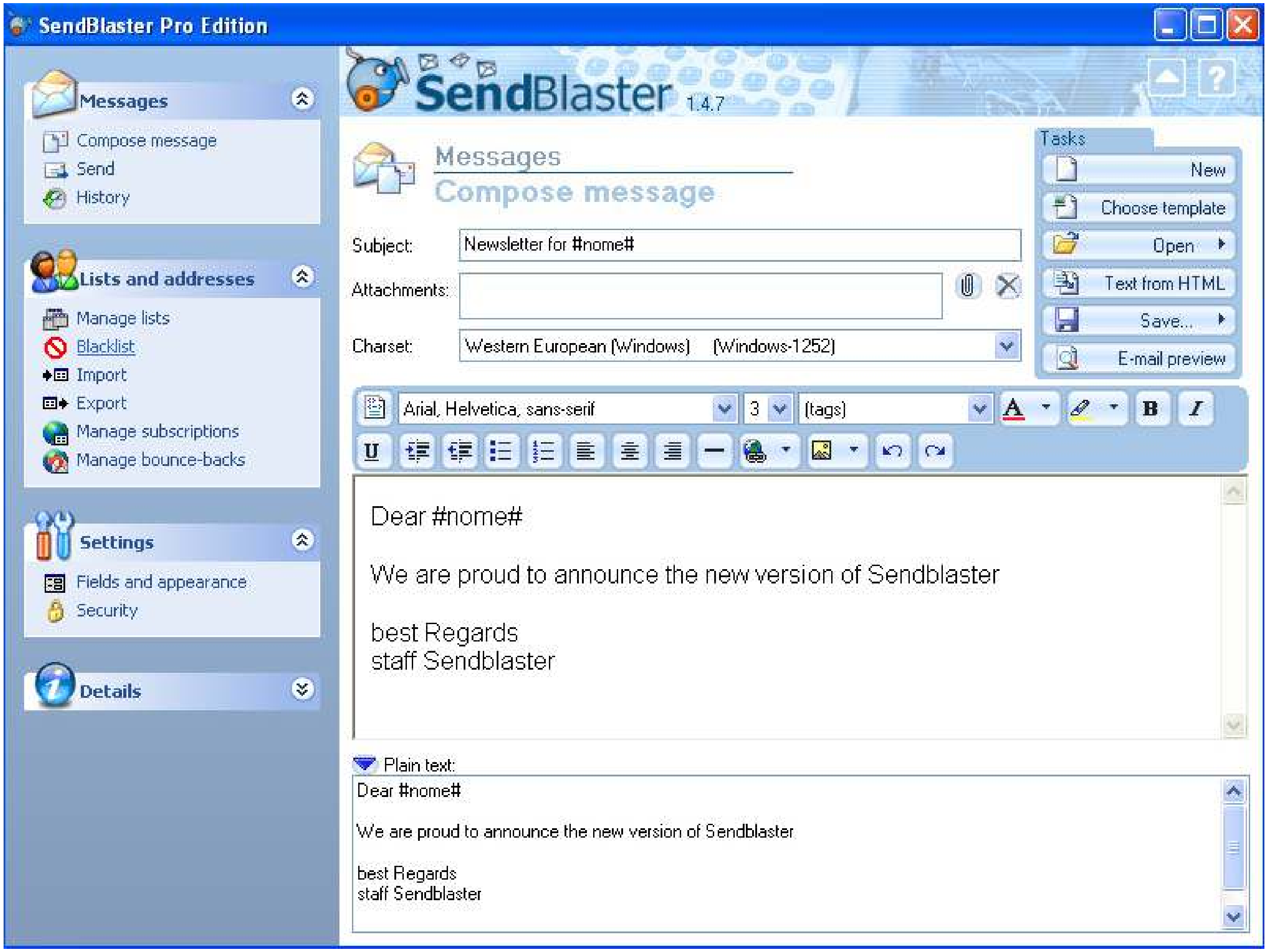
12 email address(es) in this category 04/15/2007 20:46:08

Sendblaster

Bulk email software for email marketing, which allows to communicate with customers and friends

It creates and sends customized e-mails using the spammers database and integrating with the web site mailing list

Sendblaster: Screenshot



Subject: Newsletter for #nome#

Attachments:

Charset: Western European (Windows) (Windows-1252)

Arial, Helvetica, sans-serif | 3 | (tags)

Dear #nome#

We are proud to announce the new version of Sendblaster

best Regards
staff Sendblaster

Plain text:

Dear #nome#

We are proud to announce the new version of Sendblaster

best Regards
staff Sendblaster

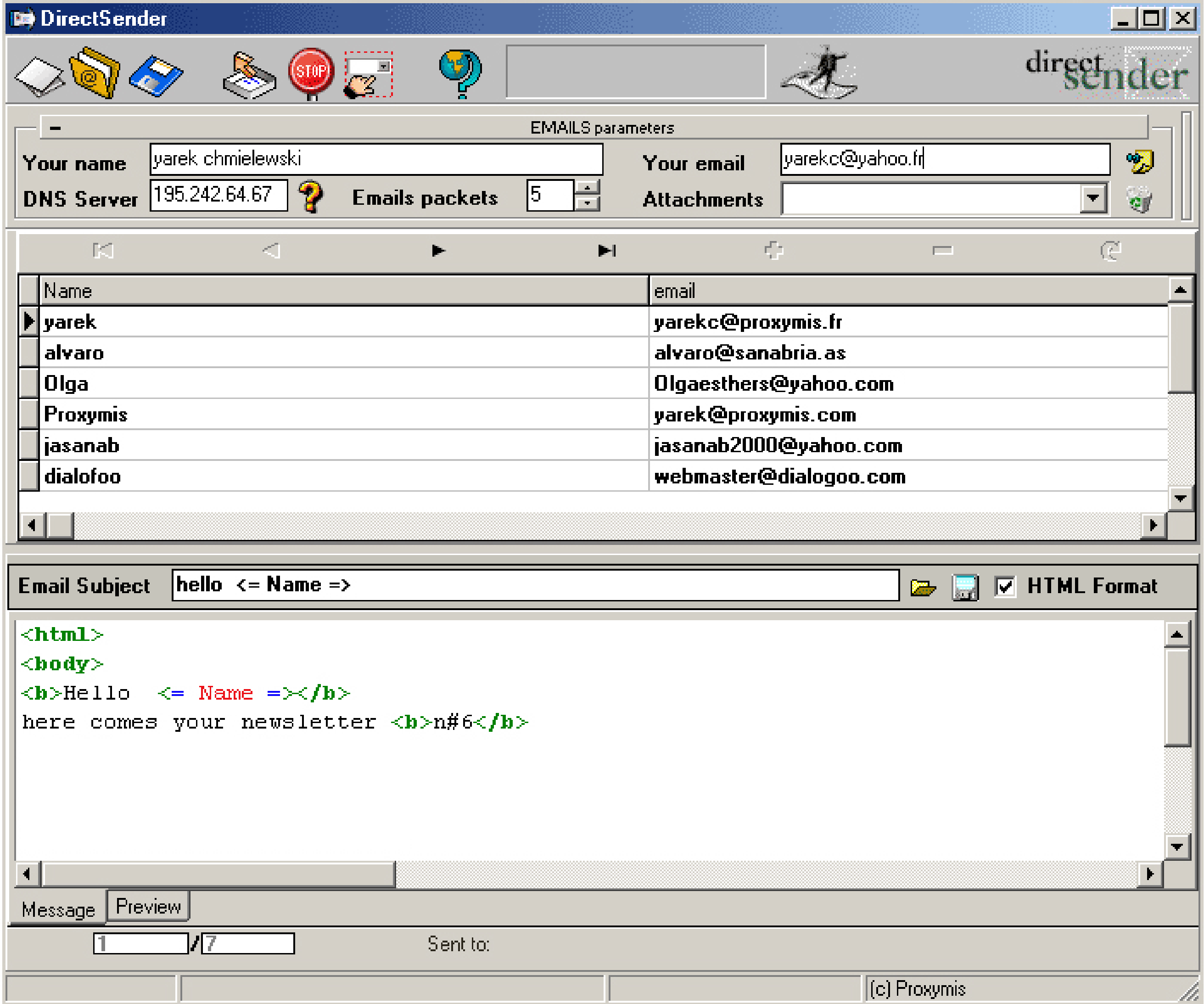
Direct Sender

Direct Sender allows to quickly and easily send unlimited numbers of personalized e-mail messages using any kind of database

The bulk process sends upto 100 simultaneous emails directly to recipients

Millions of customized emails in HTML or plain format can be send, with or without attachments and without overloading ISP's servers

Direct Sender: Screenshot



Your name: yarek chmielewski

Your email: yarekc@yahoo.fr

DNS Server: 195.242.64.67

Emails packets: 5

Attachments:

Name	email
yarek	yarekc@proxymis.fr
alvaro	alvaro@sanabria.as
Olga	Olgaesthers@yahoo.com
Proxymis	yarek@proxymis.com
jasanab	jasanab2000@yahoo.com
dialofoo	webmaster@dialogoo.com

Email Subject: hello <= Name =>

☑ HTML Format

```
<html>
<body>
<b>Hello  <= Name =></b>
here comes your newsletter <b>n#6</b>
```

Hotmailer

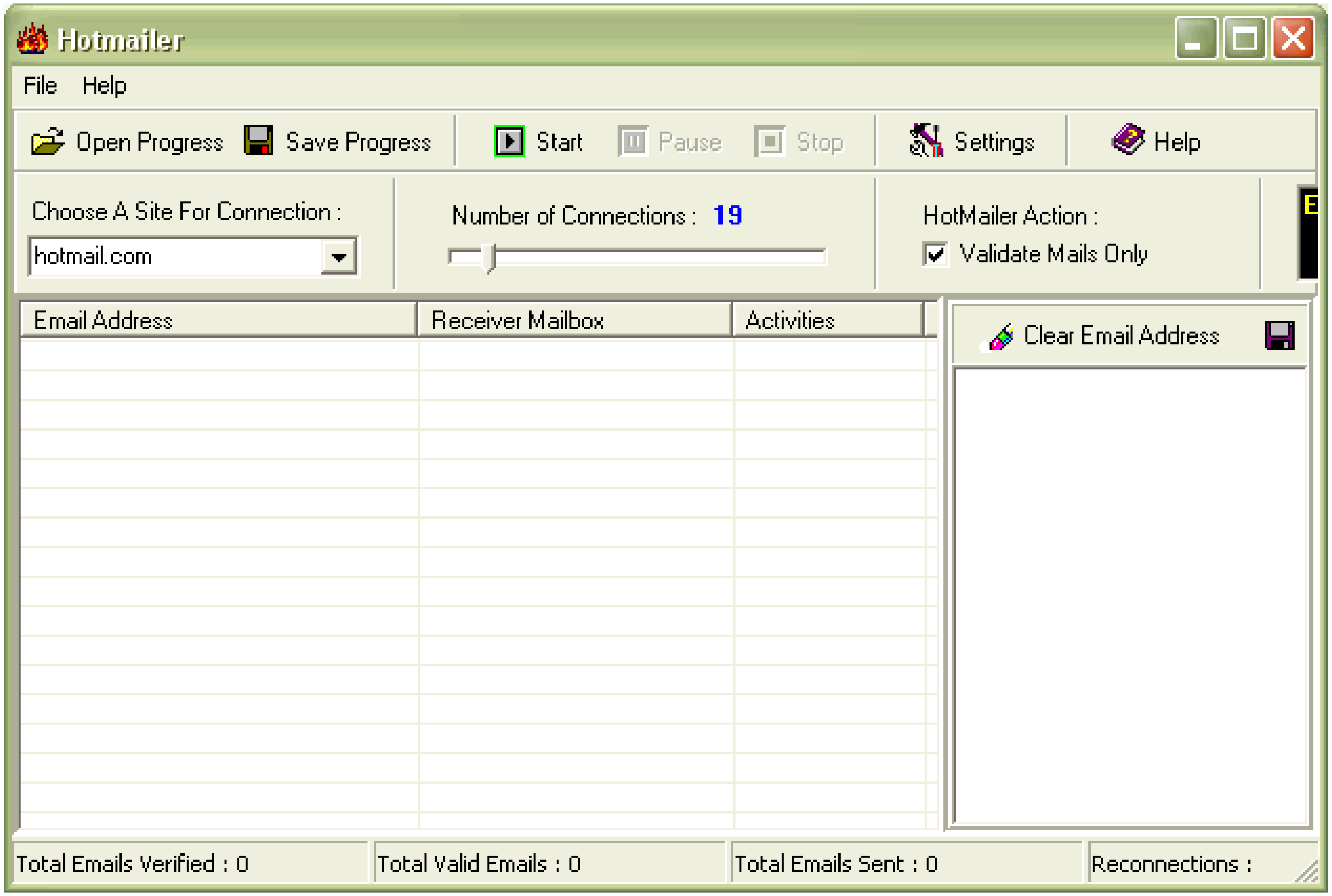
Hotmailer is a bulk email sender, email address finder, and verifier

It can efficiently search large amount of e-mail addresses from a mail server in a short time

With built in SMTP server, it will connect to the remote server and post email addresses for verification

If the email address is valid, Hotmailer will automatically send the mail

Hotmailer : Screenshot



Choose A Site For Connection : hotmail.com

Number of Connections : 19

HotMailer Action :
☑ Validate Mails Only

Email Address	Receiver Mailbox	Activities

Total Emails Verified : 0 | Total Valid Emails : 0 | Total Emails Sent : 0 | Reconnections :

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PackPal Bulk Email Server

PackPal Bulk Email Server is a safe and fast bulk email sender

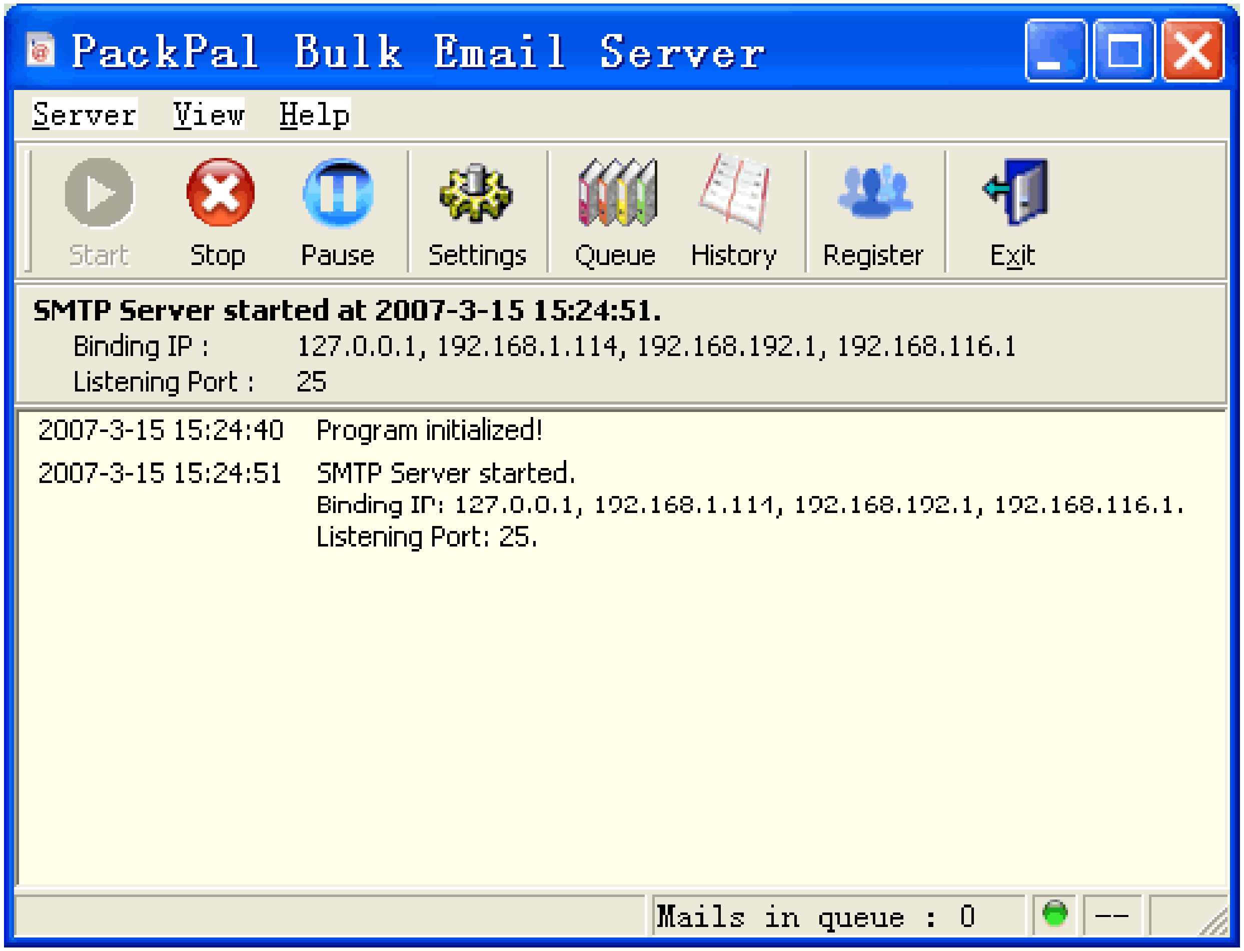
It can run as a background service

It can work with most mail clients

Features:

- Super Bulk Email Marketing tool
- The way to promote web presence
- There is no limit on the amount of messages send through the bulk email server

PackPal Bulk Email Server: Screenshot


PackPal Bulk Email Server
Server View Help
Start Stop Pause Settings Queue History Register Exit
Mails in queue : 0
--

SMTP Server started at 2007-3-15 15:24:51.
Binding IP : 127.0.0.1, 192.168.1.114, 192.168.192.1, 192.168.116.1
Listening Port : 25

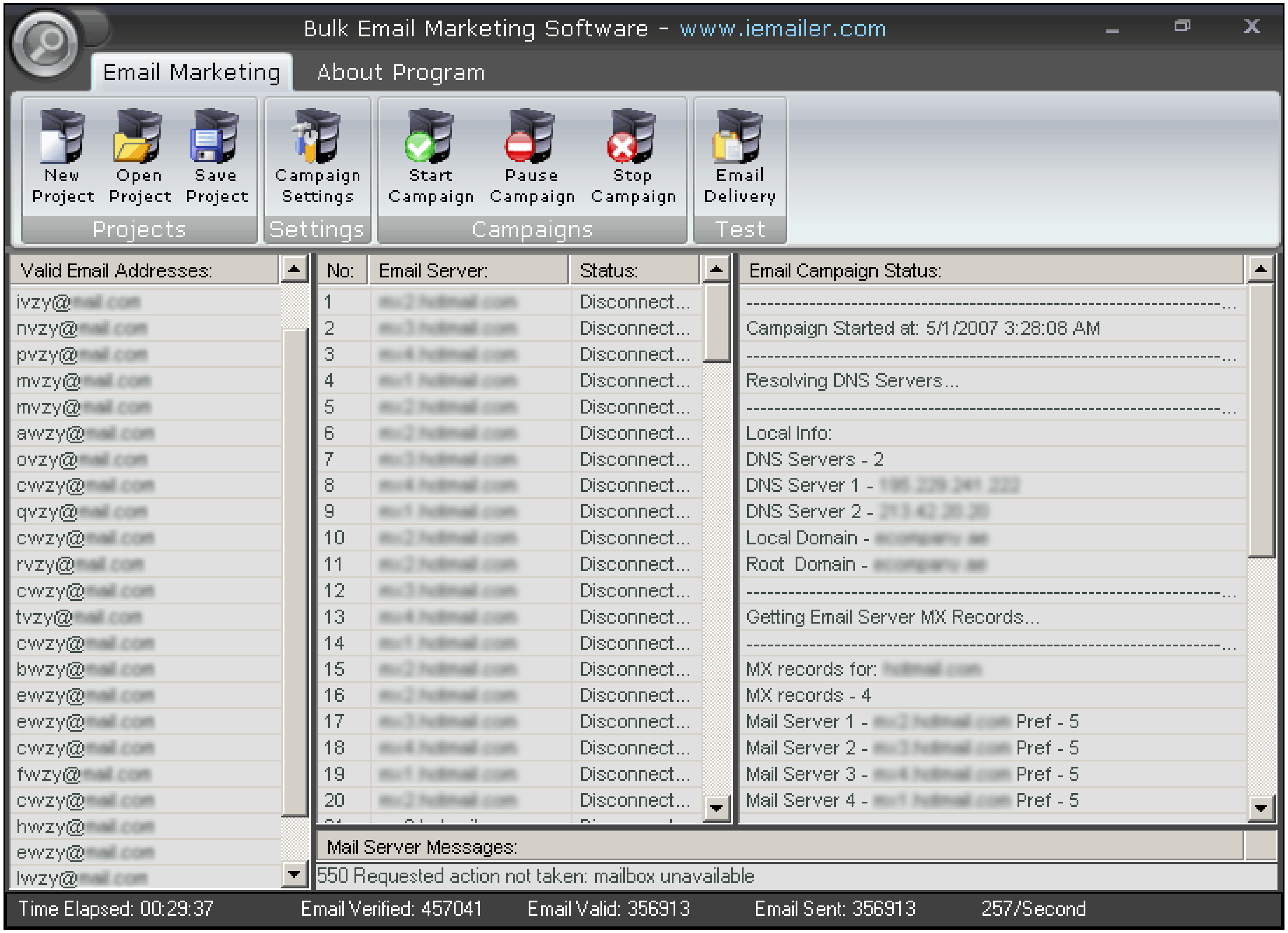
```
2007-3-15 15:24:40   Program initialized!
2007-3-15 15:24:51   SMTP Server started.
                     Binding IP: 127.0.0.1, 192.168.1.114, 192.168.192.1, 192.168.116.1.
                     Listening Port: 25.
```

IEmailer

IEmailer is a bulk email marketing software which is safe to use since it does not use or go through the local ISPs email server

It simulates the sending of the email messages to the server you choose, the same one you are verifying email addresses on

IEmailer: Screenshot



Valid Email Addresses:
ivzy@[redacted]
nvzy@[redacted]
pvzy@[redacted]
mvzy@[redacted]
mvzy@[redacted]
awzy@[redacted]
ovzy@[redacted]
cwzy@[redacted]
qvzy@[redacted]
cwzy@[redacted]
rvzy@[redacted]
cwzy@[redacted]
tvzy@[redacted]
cwzy@[redacted]
bwzy@[redacted]
ewzy@[redacted]
ewzy@[redacted]
cwzy@[redacted]
fwzy@[redacted]
cwzy@[redacted]
hwzy@[redacted]
ewzy@[redacted]
lwzy@[redacted]

No:	Email Server:	Status:
1	[redacted]	Disconnect...
2	[redacted]	Disconnect...
3	[redacted]	Disconnect...
4	[redacted]	Disconnect...
5	[redacted]	Disconnect...
6	[redacted]	Disconnect...
7	[redacted]	Disconnect...
8	[redacted]	Disconnect...
9	[redacted]	Disconnect...
10	[redacted]	Disconnect...
11	[redacted]	Disconnect...
12	[redacted]	Disconnect...
13	[redacted]	Disconnect...
14	[redacted]	Disconnect...
15	[redacted]	Disconnect...
16	[redacted]	Disconnect...
17	[redacted]	Disconnect...
18	[redacted]	Disconnect...
19	[redacted]	Disconnect...
20	[redacted]	Disconnect...

Email Campaign Status:

```
-----------------------------------------------------------------...
Campaign Started at: 5/1/2007 3:28:08 AM
-----------------------------------------------------------------...
Resolving DNS Servers...
-----------------------------------------------------------------...
Local Info:
DNS Servers - 2
DNS Server 1 - [redacted]
DNS Server 2 - [redacted]
Local Domain - [redacted]
Root  Domain - [redacted]
-----------------------------------------------------------------...
Getting Email Server MX Records...
-----------------------------------------------------------------...
MX records for: [redacted]
MX records - 4
Mail Server 1 - [redacted] Pref - 5
Mail Server 2 - [redacted] Pref - 5
Mail Server 3 - [redacted] Pref - 5
Mail Server 4 - [redacted] Pref - 5
```

Mail Server Messages:

```
550 Requested action not taken: mailbox unavailable
```

```
Time Elapsed: 00:29:37     Email Verified: 457041     Email Valid: 356913     Email Sent: 356913     257/Second
```

Anti-Spam Techniques

Anti-Spam Techniques

Techniques used to eliminate spam are:

Heuristic/ Signature-based Content Filtering

- Messages received are checked to match certain paterns
- Scores are assigned based on the patterns and if the score is higher, then the email is an undesired email

Bayesian Content Filtering

- It filters and sorts the emails into different fodlers based on the good and undesired mail feed to it

Collaborative Content Filtering

- Many users share their judgment about what is a desired mail and undesired mail
- Every time the user receives a mail, a special application suggest whether it is SPAM or not

Anti-Spam Techniques (cont'd)

Black Listing (RBL)

- It uses various spam detection tools, to report bad-behavior IP address as a list
- The information is collected and stored in a database to filter the spam email based on this information

White Listing

- It accepts all the emails from certain IP addresses
- No other filters can stop an email once it is accepted

Greylisting

- It does not accept the messages from IP address which are not previously successfully connected to the mail server

Anti-Spam Techniques (cont'd)

Sender Policy Framework

- To prevent the sender address forgery, SPF proposes valid email sender register i.e. the IPs of the machines they send email from, using extended DNS records

DNS-based Block Lists

- It is used to add the spam IP addresses to a local block list

MX Callbacks

- It supports callbacks which verifies the sender of a message with their MX server

Teergrubing

- It responds slowly to connected mail servers by using multi line SMTP responses

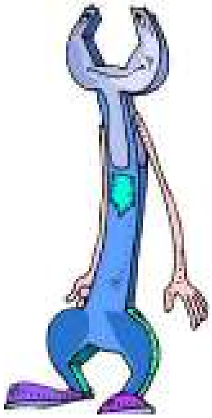
Anti-Spam Techniques (cont'd)

Reputation Control

- It analyzes the email sent by the sender and assigns a score
- If the email is found to be legitimate - score improves, if not - the score reduces

Transparent SMTP Proxy

- This software blocks SMTP sessions used by e-mail worms and viruses on the NA(P)T router
- It acts like proxy, intercepting outgoing SMTP connections and scanning session data on-the-fly



Anti-Spamming Tools

AEVITA Stop SPAM Email

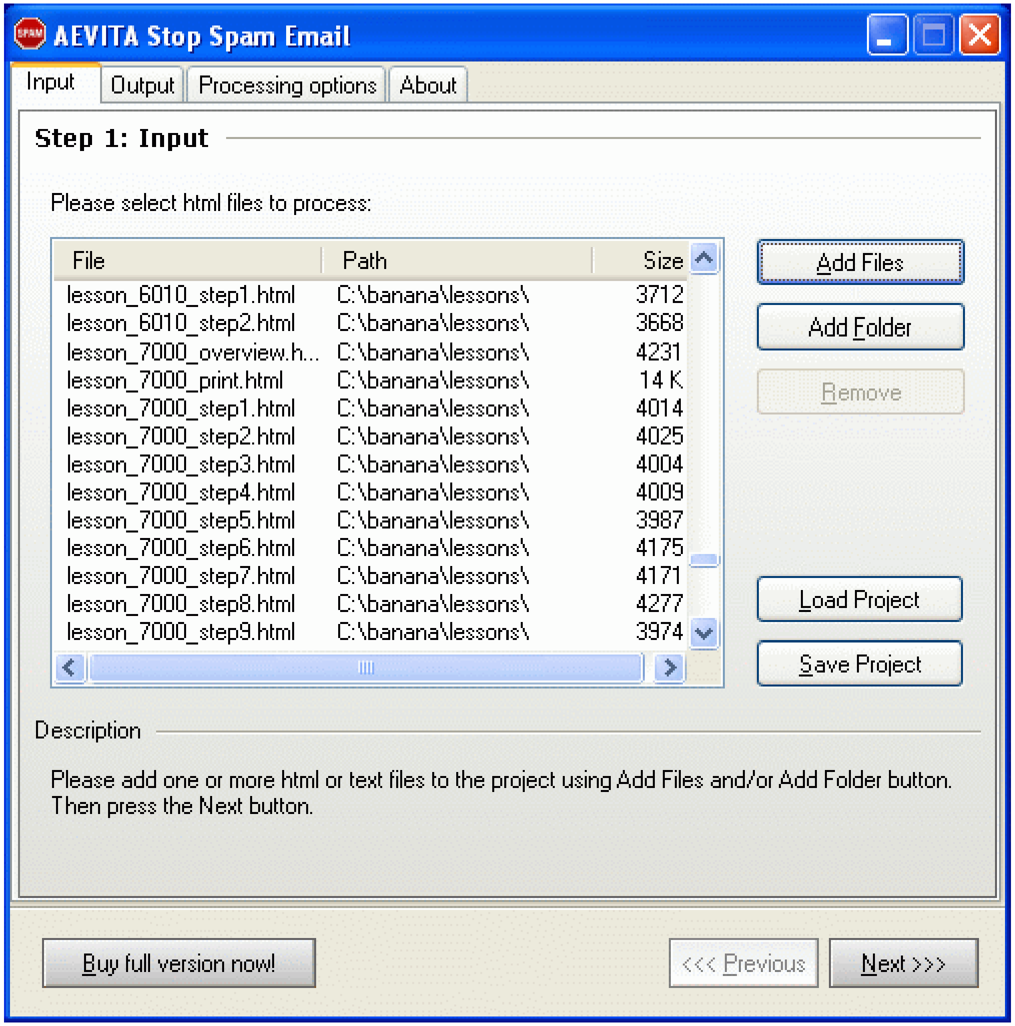
AEVITA Stop SPAM Email helps to hide email addresses from spambots

It will replace all the email addresses on the page with specifically encoded email addresses

It introduces codes that spambots block, which a normal mailing program ignores

It even stops spammers from getting a large list of email addresses

AEVITA Stop SPAM Email: Screenshot



Step 1: Input

Please select html files to process:

File	Path	Size
lesson_6010_step1.html	C:\banana\lessons\	3712
lesson_6010_step2.html	C:\banana\lessons\	3668
lesson_7000_overview.h...	C:\banana\lessons\	4231
lesson_7000_print.html	C:\banana\lessons\	14 K
lesson_7000_step1.html	C:\banana\lessons\	4014
lesson_7000_step2.html	C:\banana\lessons\	4025
lesson_7000_step3.html	C:\banana\lessons\	4004
lesson_7000_step4.html	C:\banana\lessons\	4009
lesson_7000_step5.html	C:\banana\lessons\	3987
lesson_7000_step6.html	C:\banana\lessons\	4175
lesson_7000_step7.html	C:\banana\lessons\	4171
lesson_7000_step8.html	C:\banana\lessons\	4277
lesson_7000_step9.html	C:\banana\lessons\	3974

Description

Please add one or more html or text files to the project using Add Files and/or Add Folder button. Then press the Next button.

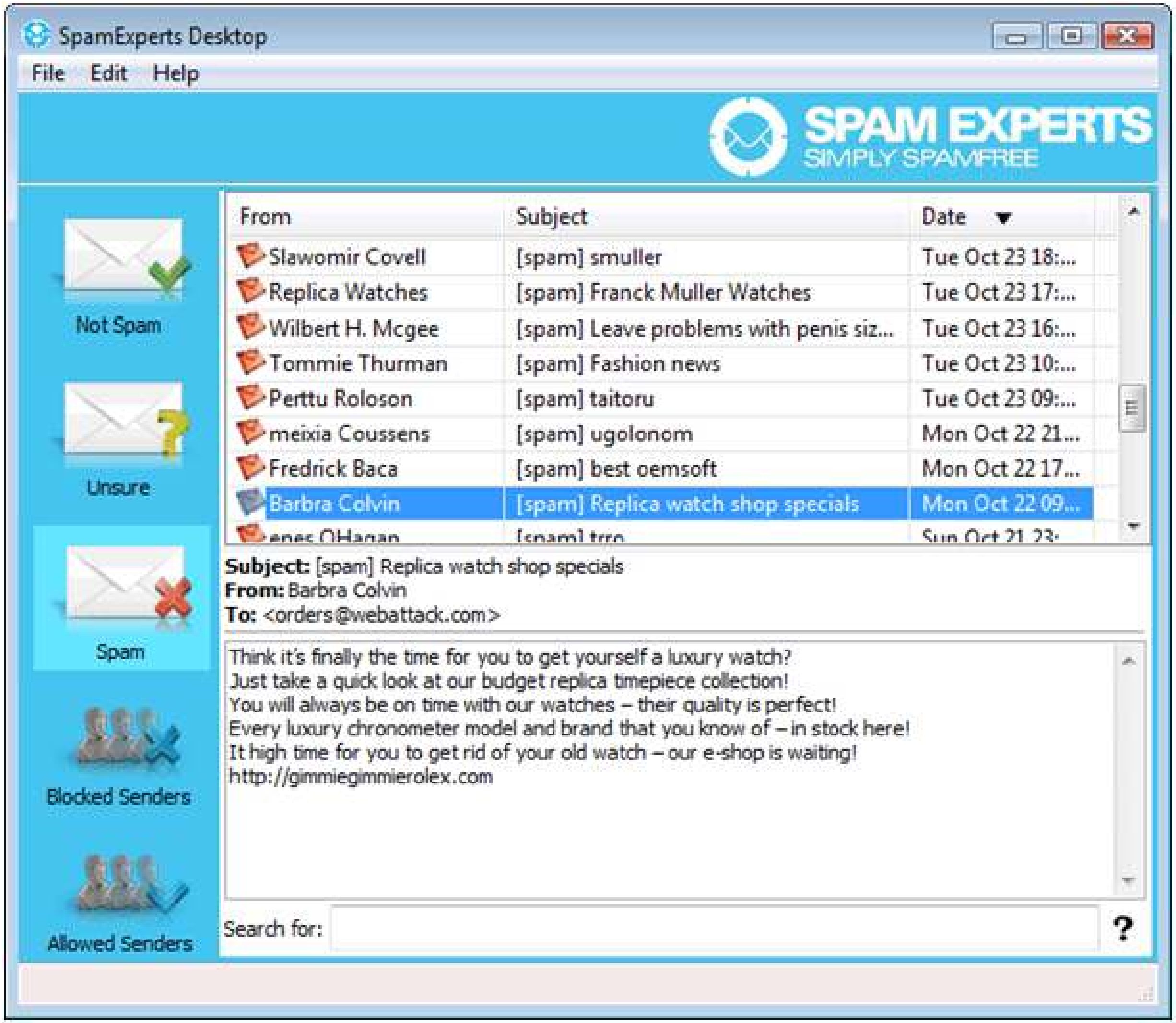
SpamExperts Desktop

SpamExperts Desktop works as a spam filter with any email program and automatically intercepts spam

It is not dependent on keywords list to detect spam, but checks the content of message whether accepted or rejected from user

It also checks for filtering spam in background, and also maintains list of blocked and accepted senders

SpamExperts Desktop: Screenshot



From	Subject	Date
Slawomir Covell	[spam] smuller	Tue Oct 23 18:...
Replica Watches	[spam] Franck Muller Watches	Tue Oct 23 17:...
Wilbert H. Mcgee	[spam] Leave problems with penis siz...	Tue Oct 23 16:...
Tommie Thurman	[spam] Fashion news	Tue Oct 23 10:...
Perttu Roloson	[spam] taitoru	Tue Oct 23 09:...
meixia Coussens	[spam] ugolonom	Mon Oct 22 21...
Fredrick Baca	[spam] best oemsoft	Mon Oct 22 17...
Barbra Colvin	[spam] Replica watch shop specials	Mon Oct 22 09...
enes OHagan	[spam] trro	Sun Oct 21 23:

Subject: [spam] Replica watch shop specials
From: Barbra Colvin
To: <orders@webattack.com>

Think it's finally the time for you to get yourself a luxury watch?
Just take a quick look at our budget replica timepiece collection!
You will always be on time with our watches – their quality is perfect!
Every luxury chronometer model and brand that you know of – in stock here!
It high time for you to get rid of your old watch – our e-shop is waiting!
http://gimmiegimmierolex.com

SpamEater Pro

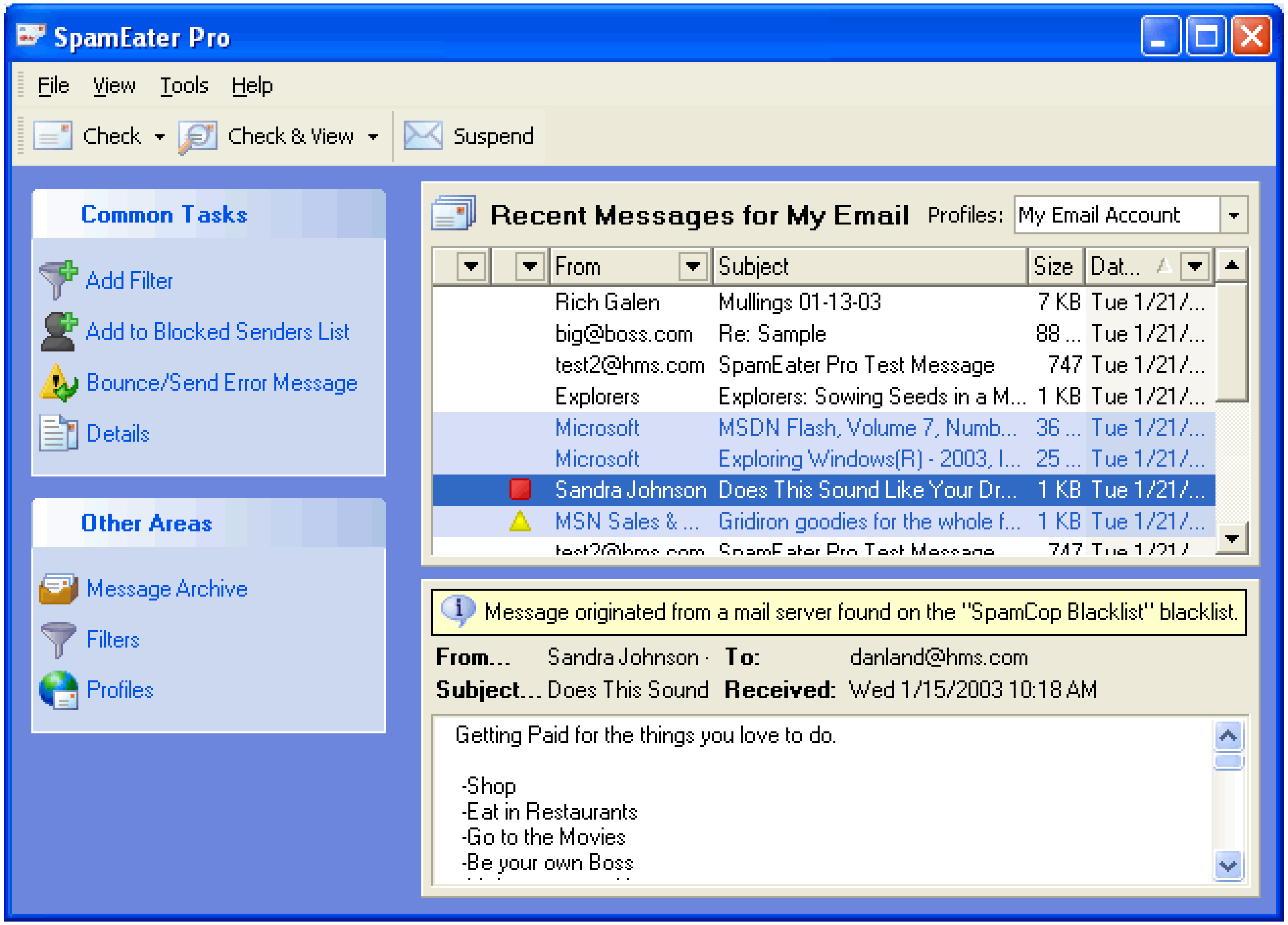
SpamEater Pro is an anti-spam and email notification system

It reduces the spam in the mailbox by 95 percent

SpamEater Pro notifies the waiting mails after clearing the spam using a popup window

It provides complex rule processing, a POP3 Profile Wizard, a Rules Wizard, and support for real-time Blacklist database lookups

SpamEater Pro: Screenshot



		From	Subject	Size	Dat...
		Rich Galen	Mullings 01-13-03	7 KB	Tue 1/21/...
		big@boss.com	Re: Sample	88 ...	Tue 1/21/...
		test2@hms.com	SpamEater Pro Test Message	747	Tue 1/21/...
		Explorers	Explorers: Sowing Seeds in a M...	1 KB	Tue 1/21/...
		Microsoft	MSDN Flash, Volume 7, Numb...	36 ...	Tue 1/21/...
		Microsoft	Exploring Windows(R) - 2003, I...	25 ...	Tue 1/21/...
	🟥	Sandra Johnson	Does This Sound Like Your Dr...	1 KB	Tue 1/21/...
	⚠	MSN Sales & ...	Gridiron goodies for the whole f...	1 KB	Tue 1/21/...
		test2@hms.com	SpamEater Pro Test Message	747	Tue 1/21/

Message originated from a mail server found on the "SpamCop Blacklist" blacklist.

From... Sandra Johnson · **To:** danland@hms.com
Subject... Does This Sound **Received:** Wed 1/15/2003 10:18 AM

Getting Paid for the things you love to do.

-Shop
-Eat in Restaurants
-Go to the Movies
-Be your own Boss

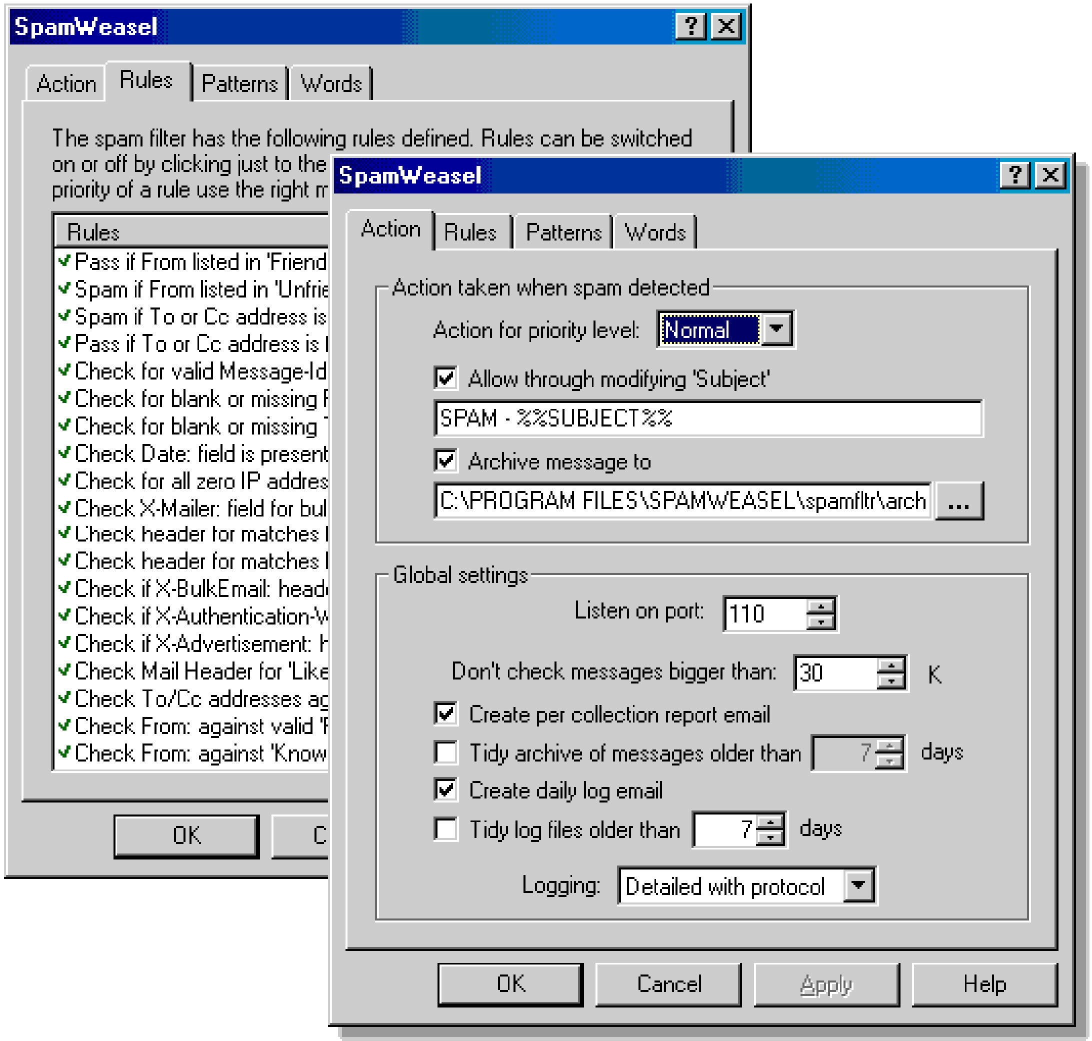
SpamWeasel

SpamWeasel removes the spam before it gets into the inbox

It either deletes or archives the suspected spam mail which enters user’s mailbox by placing a warning message

SpamWeasel supports multiple POP accounts

SpamWeasel: Screenshot



The spam filter has the following rules defined. Rules can be switched on or off by clicking just to the
priority of a rule use the right m

Rules
- ✓ Pass if From listed in 'Friend
- ✓ Spam if From listed in 'Unfrie
- ✓ Spam if To or Cc address is
- ✓ Pass if To or Cc address is l
- ✓ Check for valid Message-Id
- ✓ Check for blank or missing F
- ✓ Check for blank or missing T
- ✓ Check Date: field is present
- ✓ Check for all zero IP addres
- ✓ Check X-Mailer: field for bul
- ✓ Check header for matches l
- ✓ Check header for matches l
- ✓ Check if X-BulkEmail: head
- ✓ Check if X-Authentication-W
- ✓ Check if X-Advertisement: H
- ✓ Check Mail Header for 'Like
- ✓ Check To/Cc addresses ag
- ✓ Check From: against valid 'F
- ✓ Check From: against 'Know

Action taken when spam detected

Action for priority level: Normal ▼

☑ Allow through modifying 'Subject'

SPAM - %%SUBJECT%%

☑ Archive message to

C:\PROGRAM FILES\SPAMWEASEL\spamfltr\arch ...

Global settings

Listen on port: 110

Don't check messages bigger than: 30 K

☑ Create per collection report email

☐ Tidy archive of messages older than 7 days

☑ Create daily log email

☐ Tidy log files older than 7 days

Logging: Detailed with protocol ▼

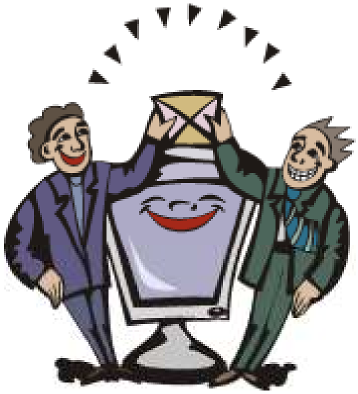
Spytech SpamAgent

Spytech SpamAgent is a powerful email monitoring and filtering tool which gets the emails according to users choice

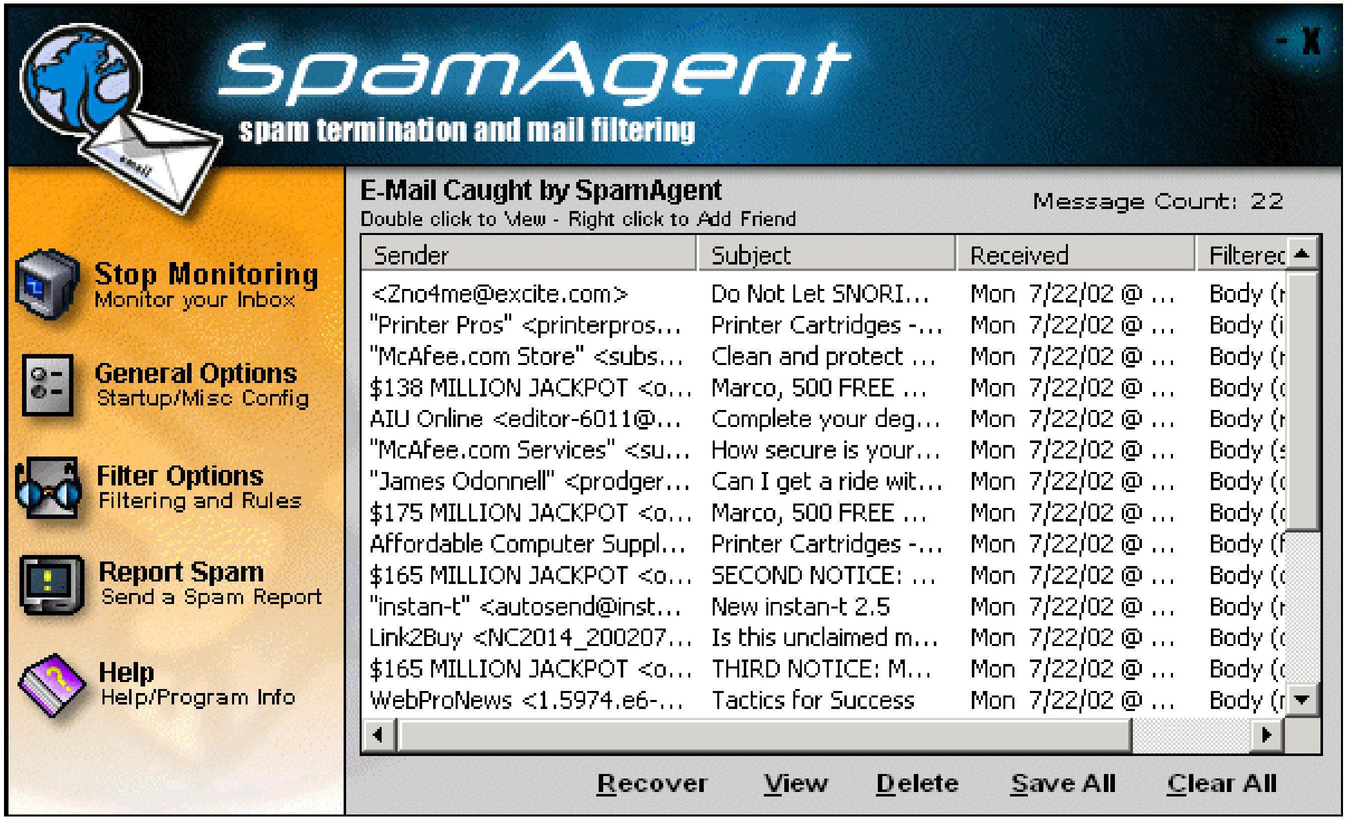
It contains filters which block unwanted and spam mails getting into the inbox

It filters based on the sender, recipient, subject, body, as well as attachment type, forwards, and more

Spytech SpamAgent removes the spam mails from the mailbox but deletes it only after user's acceptance



Spytech SpamAgent: Screenshot



E-Mail Caught by SpamAgent

Double click to View - Right click to Add Friend

Message Count: 22

Sender	Subject	Received	Filterec
<Zno4me@excite.com>	Do Not Let SNORI...	Mon 7/22/02 @ ...	Body (r
"Printer Pros" <printerpros...	Printer Cartridges -...	Mon 7/22/02 @ ...	Body (i
"McAfee.com Store" <subs...	Clean and protect ...	Mon 7/22/02 @ ...	Body (r
$138 MILLION JACKPOT <o...	Marco, 500 FREE ...	Mon 7/22/02 @ ...	Body (c
AIU Online <editor-6011@...	Complete your deg...	Mon 7/22/02 @ ...	Body (r
"McAfee.com Services" <su...	How secure is your...	Mon 7/22/02 @ ...	Body (s
"James Odonnell" <prodger...	Can I get a ride wit...	Mon 7/22/02 @ ...	Body (c
$175 MILLION JACKPOT <o...	Marco, 500 FREE ...	Mon 7/22/02 @ ...	Body (c
Affordable Computer Suppl...	Printer Cartridges -...	Mon 7/22/02 @ ...	Body (f
$165 MILLION JACKPOT <o...	SECOND NOTICE: ...	Mon 7/22/02 @ ...	Body (c
"instan-t" <autosend@inst...	New instan-t 2.5	Mon 7/22/02 @ ...	Body (r
Link2Buy <NC2014_200207...	Is this unclaimed m...	Mon 7/22/02 @ ...	Body (c
$165 MILLION JACKPOT <o...	THIRD NOTICE: M...	Mon 7/22/02 @ ...	Body (c
WebProNews <1.5974.e6-...	Tactics for Success	Mon 7/22/02 @ ...	Body (r

Antispam Sniper

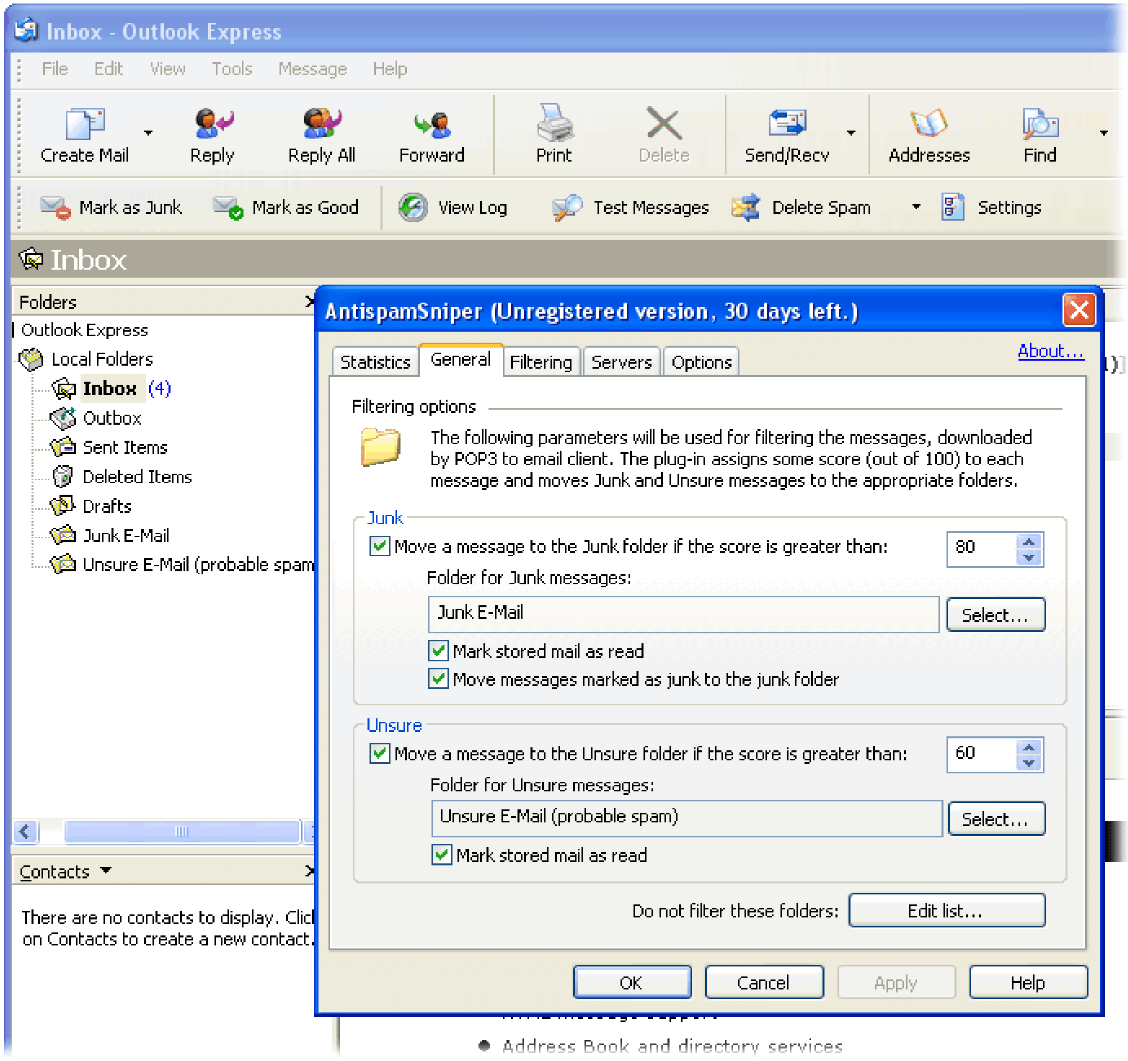
AntispamSniper integrates with Outlook Express to filter incoming mails

It moves the spam mails into junk mail folder which allows user to review and delete it later

Spam filtering techniques include filtering attachments, customizable spam rules, blocking of specific senders, and more

EC-Council

AntispamSniper: Screenshot



AntispamSniper (Unregistered version, 30 days left.)

Filtering options

The following parameters will be used for filtering the messages, downloaded by POP3 to email client. The plug-in assigns some score (out of 100) to each message and moves Junk and Unsure messages to the appropriate folders.

Junk

☑ Move a message to the Junk folder if the score is greater than: 80

Folder for Junk messages: Junk E-Mail

☑ Mark stored mail as read

☑ Move messages marked as junk to the junk folder

Unsure

☑ Move a message to the Unsure folder if the score is greater than: 60

Folder for Unsure messages: Unsure E-Mail (probable spam)

☑ Mark stored mail as read

Do not filter these folders:

There are no contacts to display. Clicl on Contacts to create a new contact.

- Address Book and directory services

EC-Council

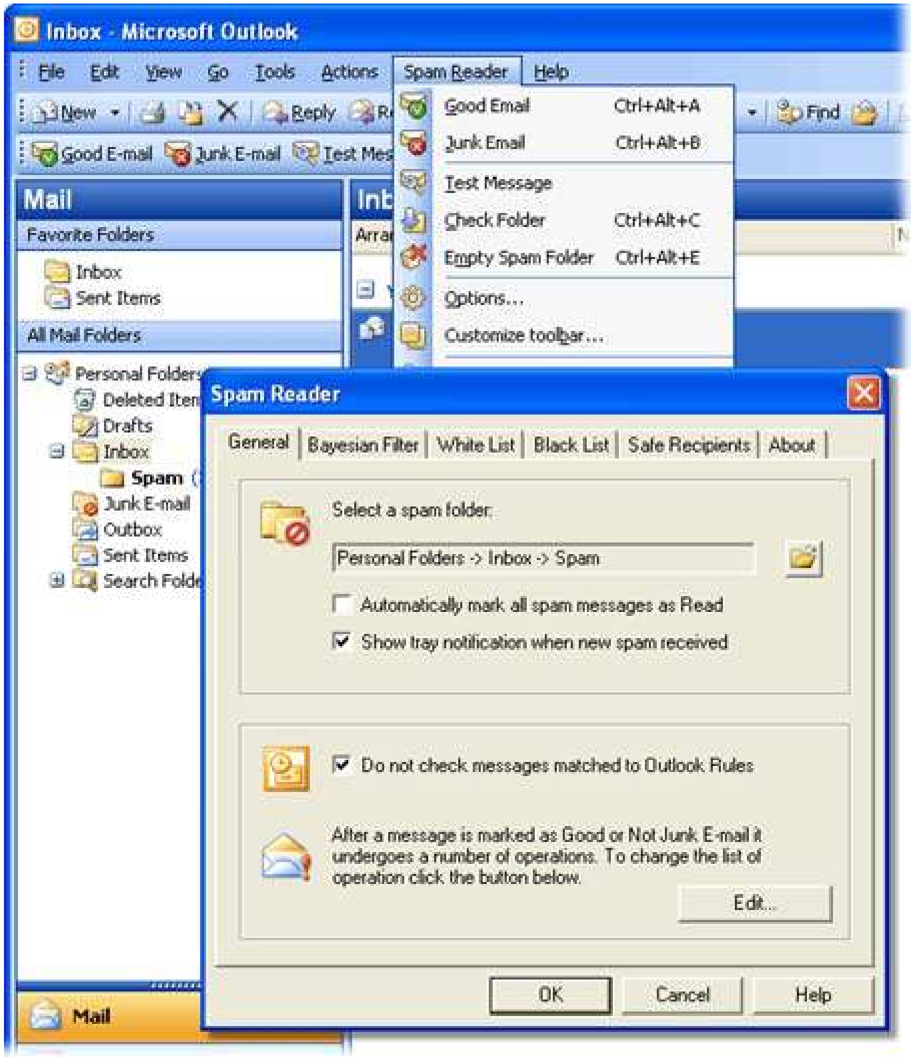
Spam Reader

Spam Reader is an anti-spam add-on for Microsoft Outlook

It automatically scans the inbox messages for spam and filters into the spam folder

Spam Reader uses a Bayesian engine which distinguishes between spam or good mails

Spam Reader: Screenshot



Select a spam folder:

Personal Folders -> Inbox -> Spam

☐ Automatically mark all spam messages as Read

☑ Show tray notification when new spam received

☑ Do not check messages matched to Outlook Rules

After a message is marked as Good or Not Junk E-mail it undergoes a number of operations. To change the list of operation click the button below.

Edit...

OK Cancel Help

Spam Assassin Proxy (SA) Proxy

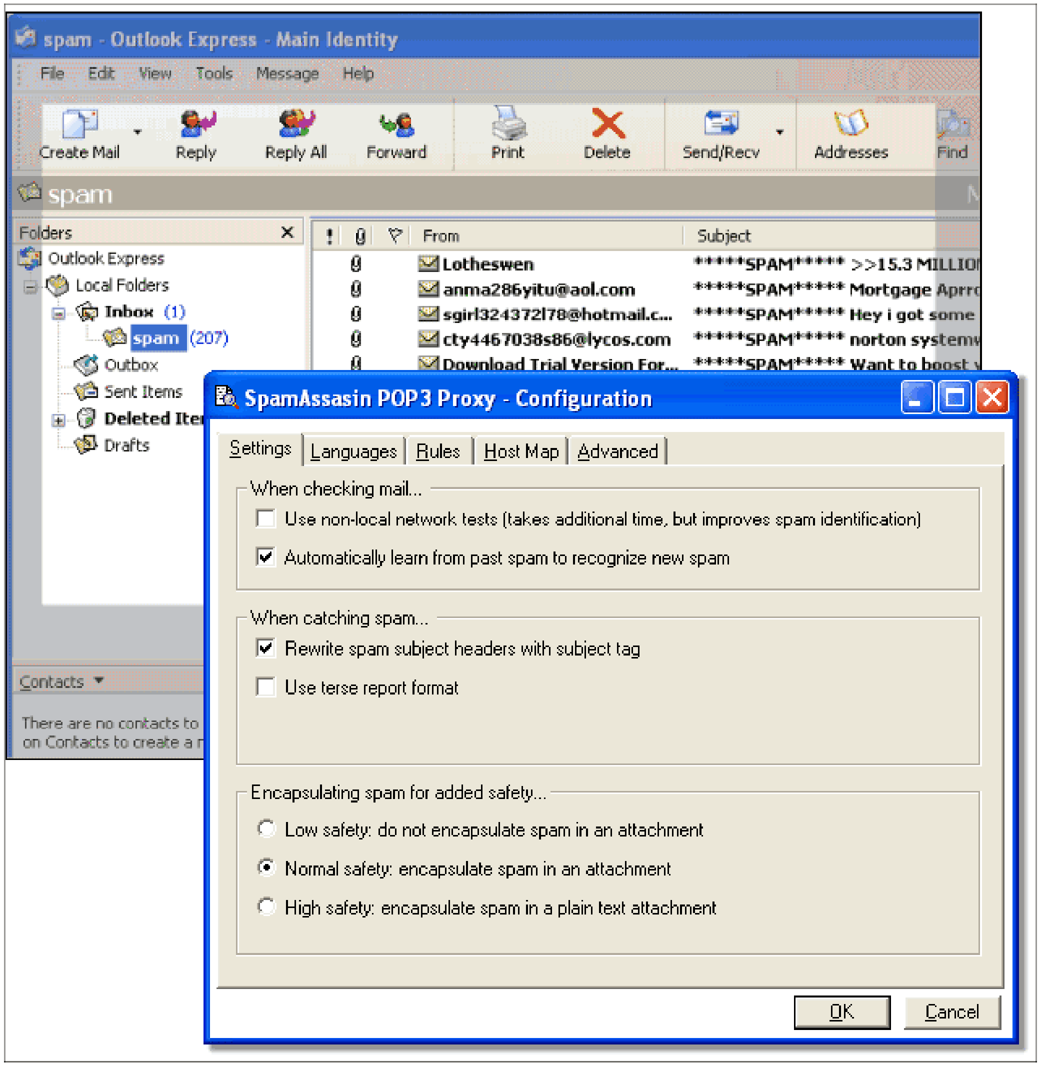
Spam Assassin Proxy is based on open source software

It runs on the local proxy server which is situated between email program and POP3 mail account

Spam Assassin Proxy uses Bayesian filtering which is accurate and detects new spam

It does not delete spam but marks it

SA Proxy: Screenshot



From	Subject
Lotheswen	*****SPAM***** >>15.3 MILLIO
anma286yitu@aol.com	*****SPAM***** Mortgage Aprr
sgirl324372l78@hotmail.c...	*****SPAM***** Hey i got some
cty4467038s86@lycos.com	*****SPAM***** norton system
Download Trial Version For...	*****SPAM***** Want to boost

SpamAssasin POP3 Proxy - Configuration

When checking mail...

- □ Use non-local network tests (takes additional time, but improves spam identification)
- ☑ Automatically learn from past spam to recognize new spam

When catching spam...

- ☑ Rewrite spam subject headers with subject tag
- □ Use terse report format

Encapsulating spam for added safety...

- ○ Low safety: do not encapsulate spam in an attachment
- ● Normal safety: encapsulate spam in an attachment
- ○ High safety: encapsulate spam in a plain text attachment

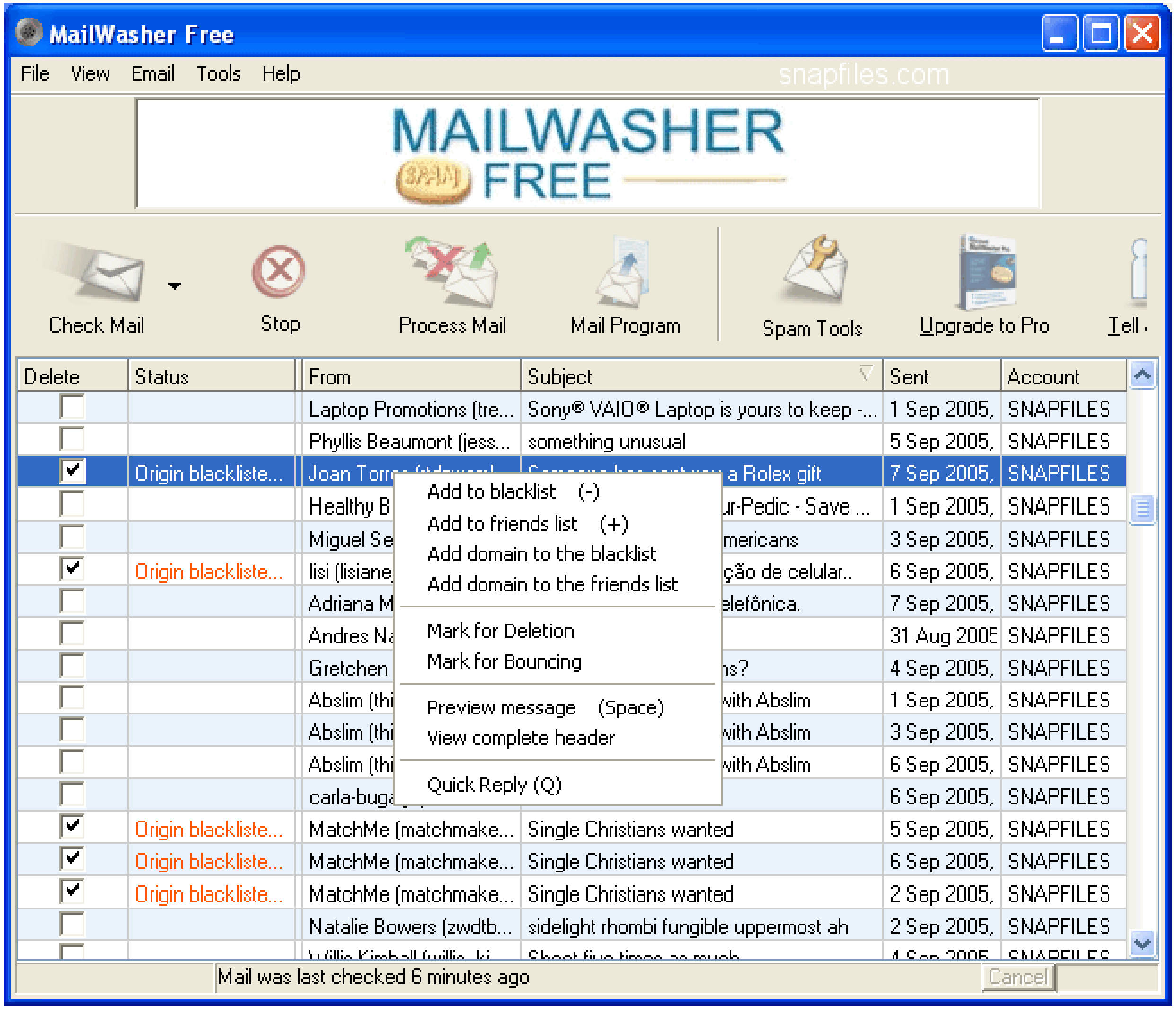
MailWasher Free

MailWasher Free is used as a spam detection and mail preview tool which allows the user to check mail on server and delete it if spam is found

There are 3 levels of spam detection where the user can specify his/ her own filters

It allows to create the user’s own spam filter

MailWasher Free: Screenshot



Delete	Status	From	Subject	Sent	Account
☐		Laptop Promotions (tre...	Sony® VAIO® Laptop is yours to keep -...	1 Sep 2005,	SNAPFILES
☐		Phyllis Beaumont (jess...	something unusual	5 Sep 2005,	SNAPFILES
☑	Origin blackliste...	Joan Torr	a Rolex gift	7 Sep 2005,	SNAPFILES
☐		Healthy B	ur-Pedic - Save ...	1 Sep 2005,	SNAPFILES
☐		Miguel Se	mericans	3 Sep 2005,	SNAPFILES
☑	Origin blackliste...	lisi (lisiane	ção de celular..	6 Sep 2005,	SNAPFILES
☐		Adriana M	elefônica.	7 Sep 2005,	SNAPFILES
☐		Andres Na		31 Aug 2005	SNAPFILES
☐		Gretchen	ns?	4 Sep 2005,	SNAPFILES
☐		Abslim (thi	with Abslim	1 Sep 2005,	SNAPFILES
☐		Abslim (thi	with Abslim	3 Sep 2005,	SNAPFILES
☐		Abslim (thi	with Abslim	6 Sep 2005,	SNAPFILES
☐		carla-buga		6 Sep 2005,	SNAPFILES
☑	Origin blackliste...	MatchMe (matchmake...	Single Christians wanted	5 Sep 2005,	SNAPFILES
☑	Origin blackliste...	MatchMe (matchmake...	Single Christians wanted	6 Sep 2005,	SNAPFILES
☑	Origin blackliste...	MatchMe (matchmake...	Single Christians wanted	2 Sep 2005,	SNAPFILES
☐		Natalie Bowers (zwdtb...	sidelight rhombi fungible uppermost ah	2 Sep 2005,	SNAPFILES
☐		Willie Kimball (willie_ki...	Shoot five times as much	4 Sep 2005,	SNAPFILES

Mail was last checked 6 minutes ago

Spam Bully

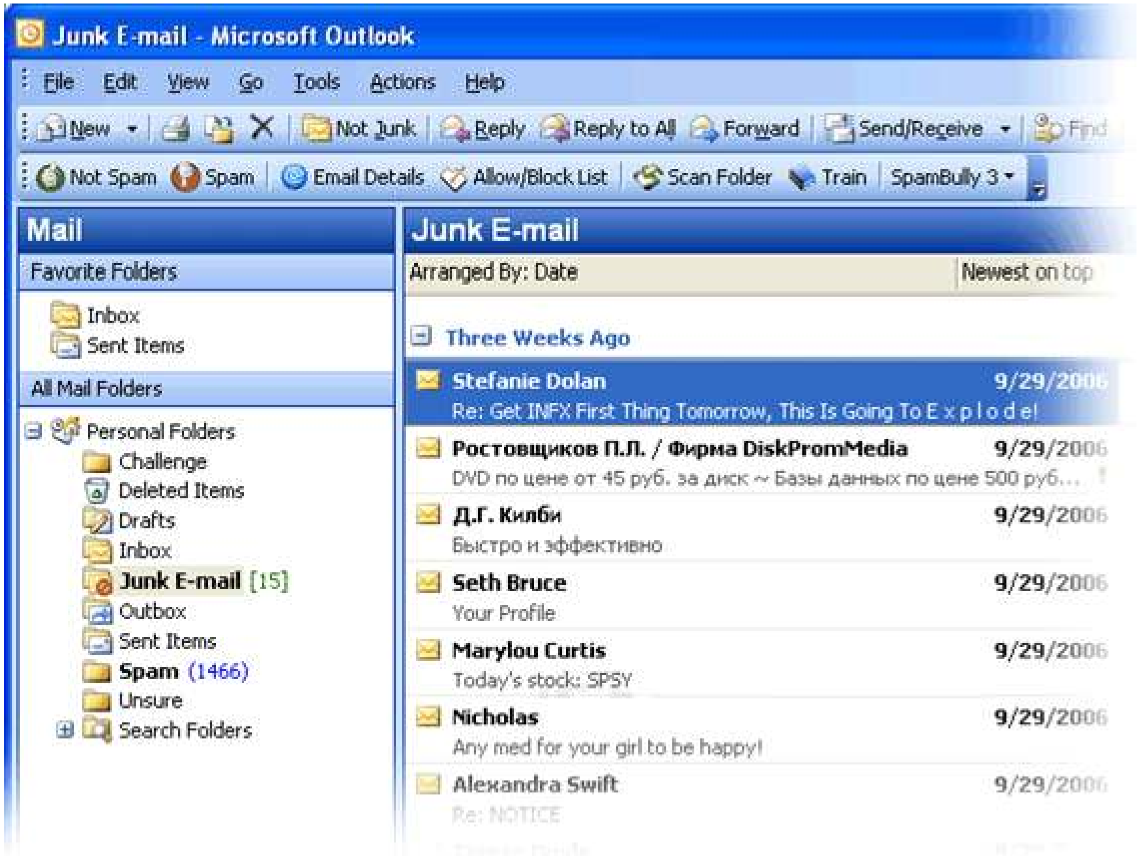
Spam Bully is an anti-spam tool for MS Outlook

It removes 99 percent of the spam mails from the inbox

Spam Bully moves all spam messages into the spam folder which can be permanently deleted

It can also bounce messages from known spammers, query emails sent from unfamiliar emails, block selected attachments types, and more

Spam Bully: Screenshot



Three Weeks Ago

Stefanie Dolan 9/29/2006
Re: Get INFX First Thing Tomorrow, This Is Going To E x p l o d e!

Ростовщиков П.Л. / Фирма DiskPromMedia 9/29/2006
DVD по цене от 45 руб. за диск ~ Базы данных по цене 500 руб…

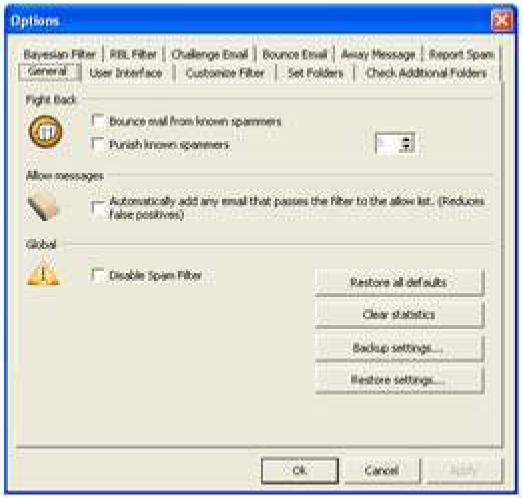
Д.Г. Килби 9/29/2006
Быстро и эффективно

Seth Bruce 9/29/2006
Your Profile

Marylou Curtis 9/29/2006
Today's stock: SPSY

Nicholas 9/29/2006
Any med for your girl to be happy!

Alexandra Swift 9/29/2006
Re: NOTICE


Options
Bayesian Filter | RBL Filter | Challenge Email | Bounce Email | Away Message | Report Spam
General | User Interface | Customize Filter | Set Folders | Check Additional Folders
Restore all defaults
Clear statistics
Backup settings...
Restore settings...
Ok
Cancel
Apply

Fight Back

□ Bounce email from known spammers

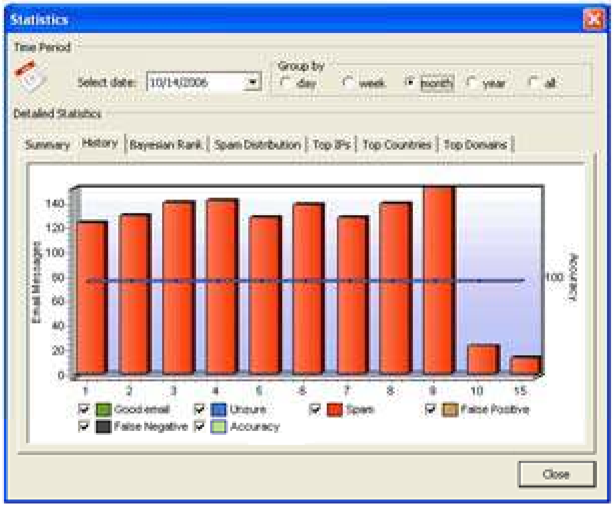
□ Punish known spammers

Allow messages

□ Automatically add any email that passes the filter to the allow list. (Reduces false positives)

Global

□ Disable Spam Filter



Time Period

Select date: 10/14/2006

Group by: ○ day ○ week ● month ○ year ○ all

Detailed Statistics

Summary

Spamming is all about populating the user's inbox with unsolicited or junk emails

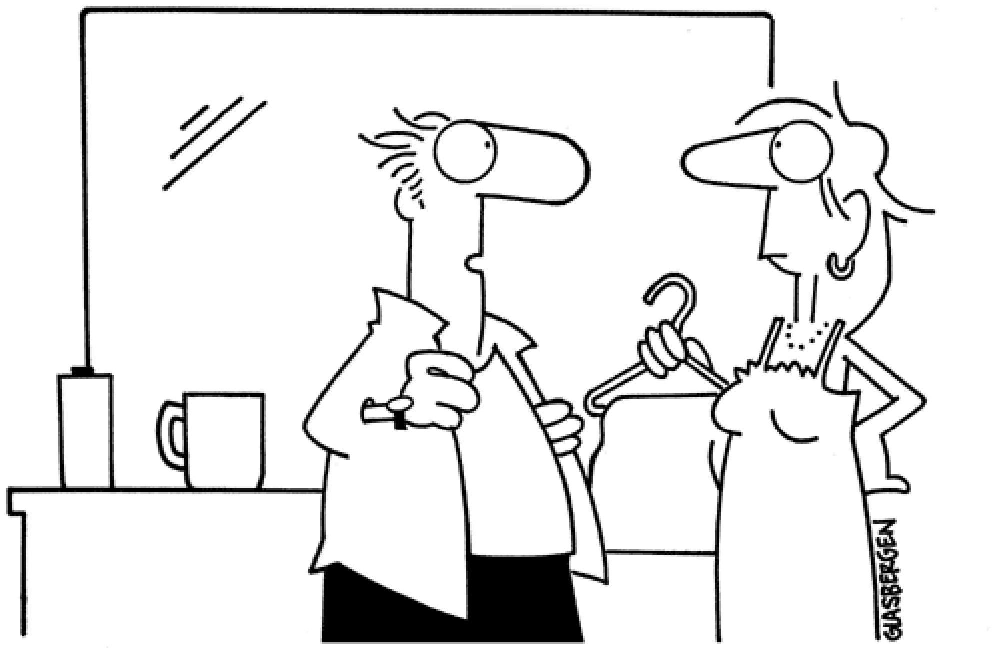
Spammers gets access to the email ID's when the user registers to any email service, forums, or blogs by hacking the information, or registers as genuine users

Spiders are used which searches the code in web pages that looks as email ID's and copy it to the database

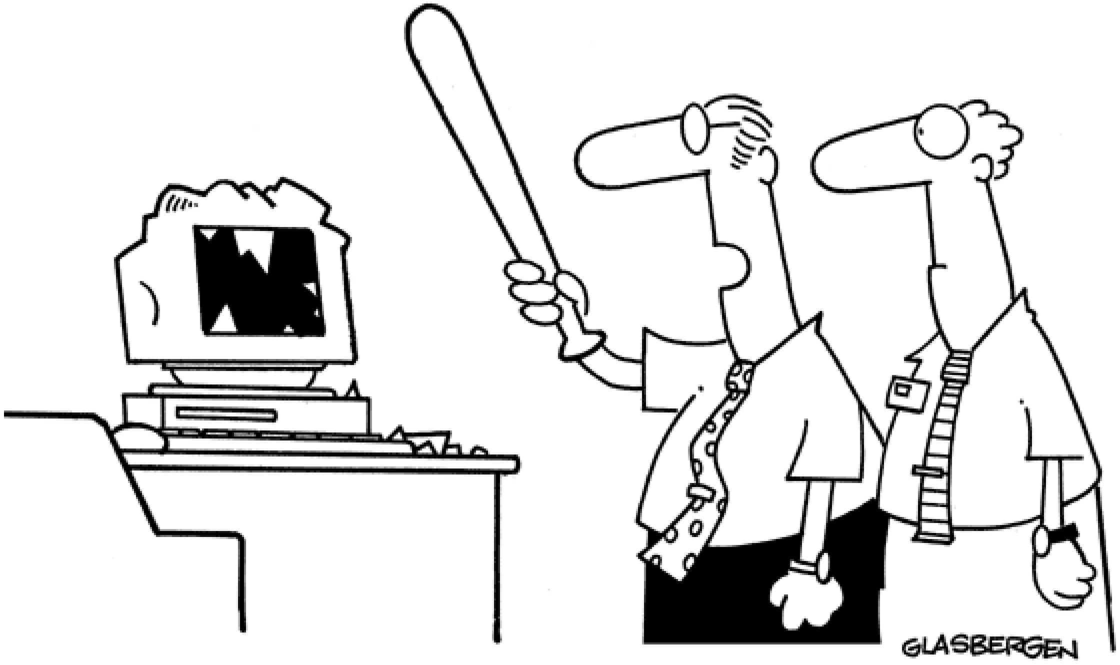
The spam message is enclosed as an image in the mail to make the anti spam software trust the source

AEVITA Stop SPAM Email helps to hide email addresses from spambots

Copyright 2003 by Randy Glasbergen. www.glasbergen.com



"I get to the office around 8:45, pour myself a cup of coffee, turn on my computer, delete all the spam, and then it's time to go home."



"It's not the most sophisticated Spam blocker I've tried, but it's the only one that works!"