

Quality Bytes Mail Security

High-performance mail security system

Electronic mail (e-mail) makes today's most important communication requirement. Millions of mail messages are exchanged worldwide everyday. Virtually every person has at least one e-mail address. Unfortunately, this advantage benefits both the users and the misusers. Mass-mail worms use the same mail system to propagate themselves by sending bulk email to their victims' contacts. The increasing number of unsolicited mail messages (a.k.a "Spam") is increasing even more, causing users to lose faith in the e-mail system. With today's assessment of around 40% of messages considered as spam, users have to disregard almost half of what they receive in their inbox.

The writing is on the wall - something has to stand by the gateway and protect these inboxes!

Enters **Quality Bytes Mail Security**. This product introduces a leading-edge software package that combines high-performance security with surprising ease of use.

Enterprise Class Solution

Targeted at mail security, this system is designed from ground up to deal with ever-growing business demands to increase Internet e-mail connectivity while dealing with the security threats this connectivity comes with.

It allows its administrator both a straight-forward approach and a highly adaptable system at the same time. It also introduces a user-level graphical user interface that allows end-users to handle their own mail blocking preferences, thus relieving the administrator from chasing mail messages every day and improving the overall service to its end-users.

Each message is scanned with the following filters:

- Virus check with archive extraction
- 3rd-party scan engines (optional)
- Heuristic spam examination
- 3 Online block tests
- Bayesian probability checker
- Global black/whitelist
- Personal black/whitelist
- User-specified message manipulation

This extensive test scheme has been combined to provide an enterprise-class gateway-level mail security system that attacks spam and virus messages. Being a gateway-level solution, Quality Bytes Mail Security relieves the internal mail sever from actually containing these spam and virus messages, which may even lead to improved performance on the internal mail system.

Ease of Use

It is a well known fact that in order to implement a security system effectively, it also has to be effectively simple to implement. The system is designed to require minimal administration from while providing security in a transparent fashion. The system allows end-users to maintain their mail preferences, including their own black/whitelists. Automatic updates allow the system to be kept with the most recent spam and anti-virus rules, enabling maximum protection while eliminating administrative overhead.

From the installation, through its configuration to its everyday use, the system is designed to bring a user-friendly front end for both the administrator and the end users. Even without logging in, the system allows the end-user to release held messages, report messages as spam, and add future messages to the black/white lists. Scheduled reports are mailed to the users containing a list of messages block by the system.

Cost Effective

As a software package **Quality Bytes Mail Security** is extremely cost effective, both for small businesses and for medium to large enterprises.

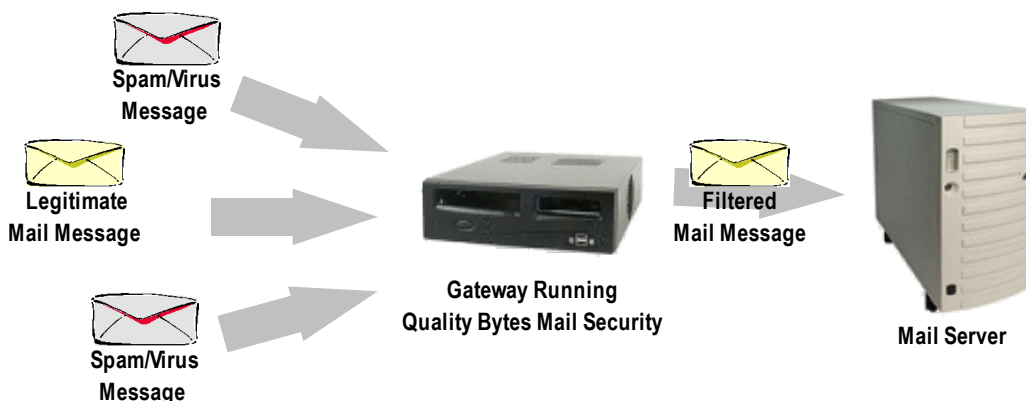
Even when incorporated with an existing mail security system, the product presents an important add on as an anti-spam and advanced mail filter that saves time and effort to end-users.

Key Points

- > Enterprise Class Mail Gateway Security
- > Anti Spam
- > Anti Virus
- > Mail Access Controls
- > Personal Black/Whitelists
- > Scheduled Block Reports to End Users
- > Easy to Use
- > Automatic Updates

Availability Options

- > Appliance – On the Server Express Platform – A Quality Bytes Product
- > Software – Runs on Red Hat Enterprise Linux and Fedora Core



Key Features

Anti Spam

- Heuristic Mail Scanner
- 3 Online Database RBL Checkss
- Bayesian Filter
- Global and Personal Whitelists and Blacklists.
- Scheduled Block Report to End Users

Anti Virus

- 1 Bundled anti virus engine.
- Supports multiple scan engines to increase security level
- High-sensitivity mail disassembler
- True file-type identification
- Archive Extraction

Mail Filter

- Text Find/Remove/Replace
- Mail Archiving
- Message Tagging

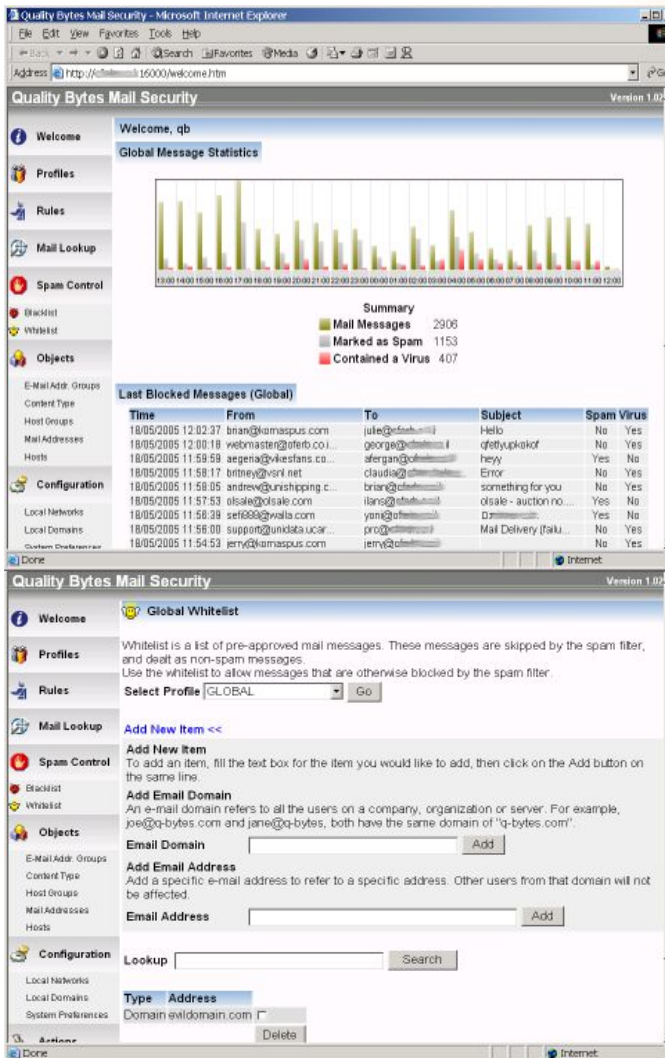
Web Interface

- Administrative and End-User Web Interface
- Support for HTTP and HTTPS
- Supports MSIE 5.5+

Complementary Options*

- Firewall
- QoS and Bandwidth Management
- POP-3 Local Mailbox Support

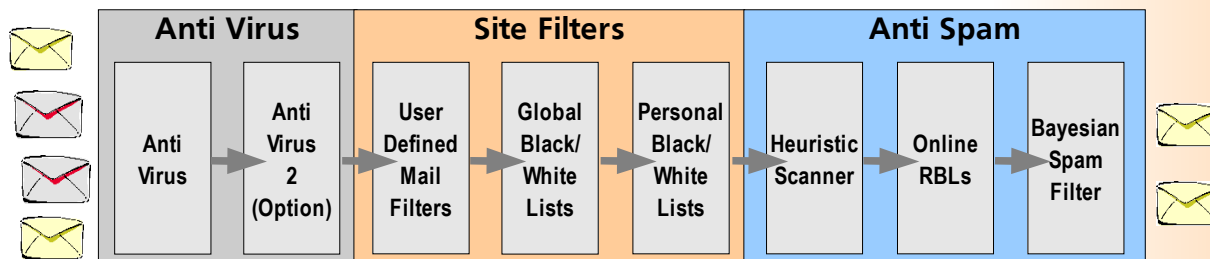
* Avialable through the Server Express appliance



Sample Screenshots

Interesting Features

- > Mail Archive – Archive all of your mail transport for reference
- > Block Report – The system sends a scheduled block report to end users listing the blocked messages with action links to release and whitelist
- > Text Replace – This feature allows the parts of the mail body to be modified using regular expression rearch and replace
- > Mail Lookup – Powerful search and reporting tool allows extensive drill down



Scan Layers on Quality Bytes Mail Security

Requirements & Specifications

| | Minimum Software Requirements |
|------------------|-------------------------------------------------------------|
| Operating System | Red Hat Linux 7.3 and Above, Fedora Core 1 and Above |
| Database | MySQL 4.0, Postgres 7,8 |
| Mailer Daemon | Postfix 2.0, 2.1 |
| Mail Server | Any mail server supporting SMTP (virtually any mail server) |
| Disk Space | 200MB + archive space per installation requirement |
| Processor | 2GHz Pentium 4 (for 500 users with 10000 messages per day) |
| RAM | 512 MB |
| | Specifications |
| Maximum Users | Up to 1,000 mailboxes |
| Mail Capacity | Up to 50,000 messages per day |
| Pattern Updates | Hourly updates of virus and spam database |
| Web Service | HTTP and HTTPS(SSL) |
| Standards | SMTP, POP-3, MIME, SSL |

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