



introduction to barricademx plus systems
documentation for system and domain administrators

What is BarricadeMX Plus?

BarricadeMX Plus is high capacity anti-spam and anti-virus and content filtering application for use on ISP or Enterprise site e-mail gateways. It provides a very accurate, easy to maintain email protection solution at an affordable price. BMX Plus is suitable for both very high volume sites and for smaller sites that want a low cost, hands-off and trouble free solution.

BarricadeMX Plus is configured using separate end user, domain administrator and site administrator web interfaces. The interfaces provide monitoring interfaces which allow your customers full control of their e-mail filtering, and quarantine while providing substantially enhanced reporting capabilities.

Typical Email Filtering Solutions

Most email filtering solutions use the same basic architecture and suffer from the same problems:

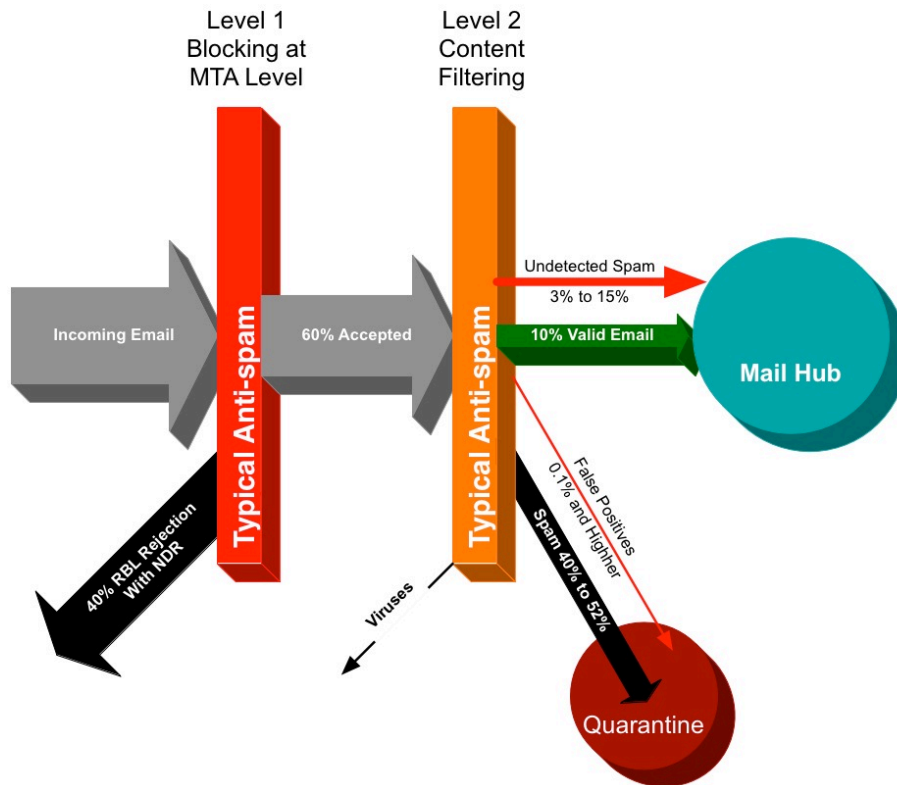


Figure 1 Traditional Spam Filtering

BarricadeMX Plus Filtering

BarricadeMX Plus filtering improves on the traditional filtering architecture by moving the 80% to 95% of the spam filtering to the Level 1, MTA level, blocking. This approach provides substantial improvements such as:

- Much more efficient filtering. Since the computer and network intensive SpamAssassin and Virus scanning processes are not used in Level 1 filtering, many more messages may be processed using the same hardware.
- Most rejected emails may be safely returned to the sender without allowing the spammer to use your system to create “Reflected Spam” attack.
- The number of quarantined messages will be much smaller since almost all detected spam will be returned to the sender.

Problems

- Most filtering takes place at level 2 Content Filtering, which is very computer intensive
- Only the rejections that are done at the MTA level may senders safely be sent a Non-Delivery Receipt (NDR). Rejecting at the level 2, Filter Content stage, may get your site listed as a source of “Reflected Spam”
- A Quarantine is required for all rejected messages
- Spam detections rates vary from 80 to 97%

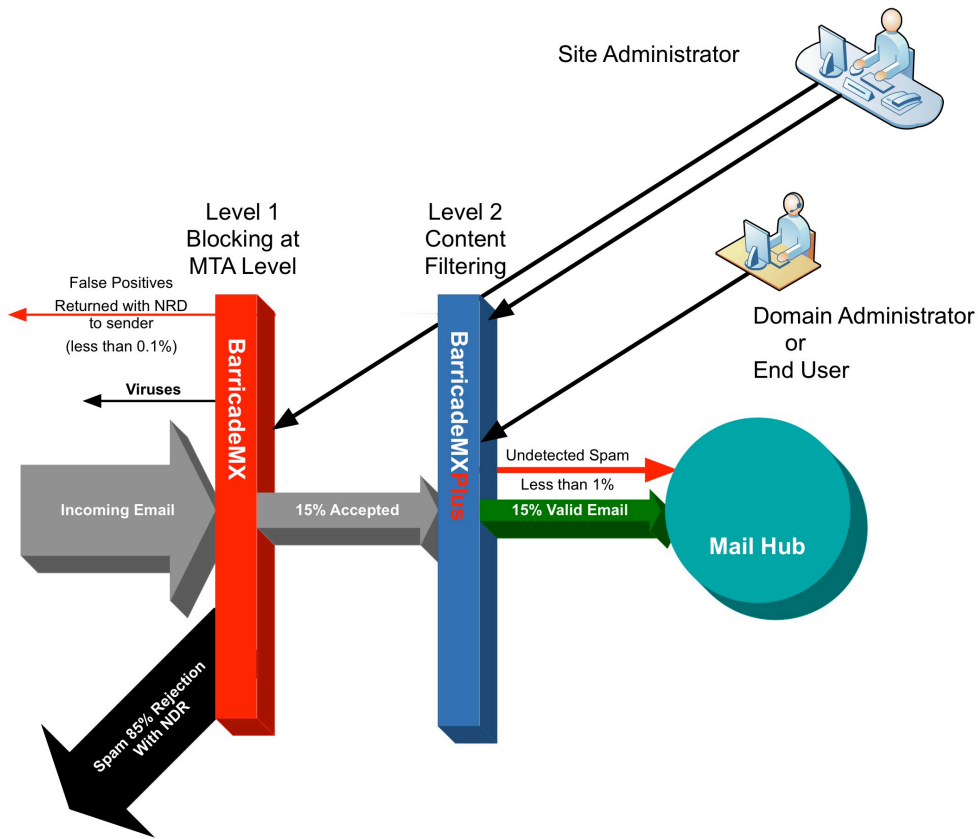


Figure 2. BarricadeMX Plus Spam Filtering

BarricadeMX Plus introduces three levels of configuration controls allowing most of the configuration options to be delegated to Domain Administrators or even End Users.

Site Administrators can control

- ISP level Mail Routing and Domain Control
- Site White / Black listing
- Site Quarantine Release
- Site Spam Settings
- Attachment Control
- Phishing detection
- MailWatch reporting

While Domain Administrators can control:

- Domain White / Black listing
- Domain Quarantine Release
- Domain Spam Settings
- Domain MailWatch reporting

And End Users can control:

- Personal White / Black listing
- Personal Quarantine Release
- Personal Spam Settings

Additional Advantages

BarricadeMX Plus also provides many additional advantages:

- Guaranteed Spam detection rate of 99% with less than 0.1% false positives
- Very little white or black listing is required
- Detailed and highly configurable MailWatch reporting
- Real-time monitoring and statistics are available
- Support for over 28 additional Virus Scanners
- Complete content control over attachments and other dangerous content
- Little system maintenance is required.
- Automated operating system and application updates