

Complete managed email security

Email has become a business critical application for many businesses and when email performs badly, so do they. However, in recent years email has come under attack from viruses and spam. Email communications have been hijacked by viruses and spam sources to the extent that the rest of us are struggling to use the medium for what it was originally intended.

MailDefender provides unrivalled email protection from all email borne threats without requiring you to invest in hardware or software on your network.

BATTLING THE VIRUS PROBLEM:

You've heard the expression, 'closing the stable door after the horse has bolted'. Yet most Anti-Virus software is designed to stop 'known' viruses.

What happens then, to viruses which fall into the 'unknown' category?

What happens if you've not updated your Anti-Virus database for a few hours, or days, or even weeks?

This reliance on knowing what viruses exist in order to provide effective protection is only really half a solution. In today's fast-moving environments, what's really required is a solution that can protect from the unknown element too.

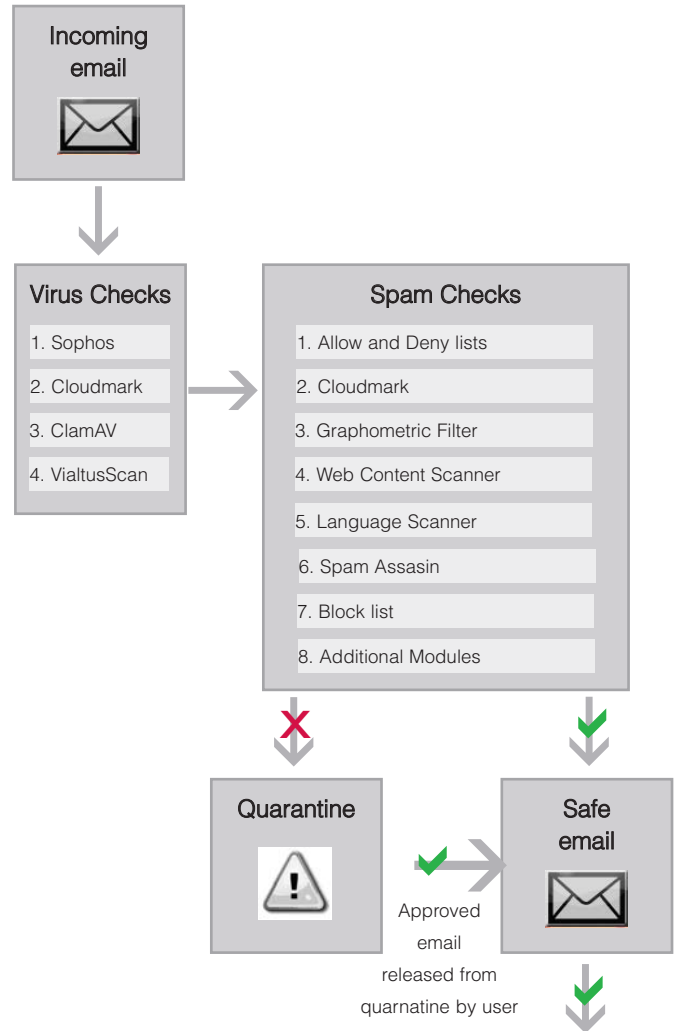
THE SPAM PROBLEM:

Spammers have amassed vast databases of email addresses using a number of different methods. These databases are available to anyone who wishes to pay the spammer for the privilege of sending a message to the list. With the costs of doing so being as attractive as they are, there will always be enough people willing to send another Viagra email.

In addition, phishing emails, which contain no actual malicious software, are typically designed to lure email users into giving their personal data to fake banking web sites or their PC becoming infected simply by browsing a compromised website.

So, what's the answer to the growing problem? Do we stop using email altogether and revert to traditional methods or do we combat the problem with a solution that's proven to work?

At Vialtus Solutions, we decided that we were not going to be beaten by the virus writers and spammers.



MailDefender stops unwanted email from entering your network using a number of methods:

ANTI-VIRUS

MailDefender uses multiple methods to identify virus emails. The first method is heuristic scanning, which analyses email payloads for suspicious signs that might indicate that an email is carrying a new form of virus. On passing this test email is then passed across to the Sophos Anti-Virus engine to be analysed for the presence of known viruses. The Sophos Anti-Virus engine checks for the latest updates from Sophos every 5 minutes, meaning that it is always up-to-date. In the same way, the email is then passed to the Clam and Cloudmark Anti-Virus engines for further scanning.

ANTI-SPAM

Identifying spam requires a more modular approach. This is because the interpretation of what makes a virus is standard, whereas what is spam to one person may be another's must have email.

MailDefender utilises the following methods to identify spam email, each of which can be modified or turned on or off by individual users:

- **Allow and deny lists** users can override the system to ensure that specific email addresses are always blocked or always allowed through the system.
- **Cloudmark** based on feedback from over 100 million email users; Recommended by Paypal to combat phishing emails.
- **Web content scanner** checks URL links database.
- **Graphometric scanner** A precise filter using qualified databases of unique spam characteristics and URLs.
- **Language scanner** checks the character-set used.
- **Spam Assassin** allows the user to make use of a plug-in service for MailDefender.
- **Block lists** checks source of email against databases of known spammers and open-relay checks.

KEY FEATURES:

- **Internet-level system**, protecting your network from infection and freeing your Internet connection from the burden of spam.
- **Automatically updated every 5 minutes** against the latest viruses.
- **Requires no hardware or software** installation and is fully supported.

BENEFITS OF MAILDEFENDER

- **Internet-level:** stops viruses and spam email before they reach the local network.
- **Quarantine:** suspected spam is placed in an easy to administer area away from the local network.
- **Automatically updated:** requires no effort on behalf of end-user to maintain effectiveness.
- **Saves bandwidth usage:** - ensures bandwidth is used for legitimate email only.
- **Password protected** web-based management reporting.
- **MailDefender** quarantine summary sent out daily.
- **Online management console** allows end users to manage their filter settings - minimises false positives.
- **Multiple tiers of scanning** to stop spam and viruses.
- **Reduces the legal liability** risks associated with inappropriate content being sent via email.
- **Highly experienced technical support team** ready to answer any queries.
- **Anti-virus software is automatically updated** every 5 minutes using industry-leader Sophos, Clam, Cloudmark and Vialtuscan.

THREE DEFENCE SYSTEMS, ONE COMPLETE OFFERING...

In the fight against online threats, it pays to place multiple lines of defence around your systems and data. That's why we recommend businesses select the triple protection:

- **DeskDefender:** Maximum protection for your workstations
- **MailDefender:** Defending businesses from email threats
- **WebDefender Enterprise:** Safeguarding companies from web viruses and inappropriate internet use



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