

MessageLabs Web Protect

"The single-minded focus, expertise and scale of managed email sanitization services bring immediate value to businesses by solving a difficult problem that they no longer have time for: fighting email pollution. Web traffic filtering represents a next logical step for managed services. Business will increasingly look to specialized vendors to help them solve problems associated with web-based malware, spyware and inappropriate content."

Andrew Jaquith, Senior Analyst,
Yankee Group

An overview

The convergence of email and web threats presents a fundamental risk to your business. Malware authors are increasingly targeting the web, sabotaging URLs, to direct users to sites where viruses and malware can be inadvertently downloaded and executed. The average survival expectancy of an unprotected PC on the Internet is currently less than 30 minutes (SANS July 2005).

Spyware, adware and phishing attacks all monitor desktop activity for competitive or financial gain. Forrester estimates that 25 percent of business computers will be infected by spyware during the next 12 months (Anti-Spyware Adoption, 2005), so effective web security is critical.

The majority of spyware attacks occur as a result of browsing unsecured sites which have been targeted by malicious code writers in order to compromise personal and corporate networks. The growing sophistication of these threats, combined with browser vulnerabilities, means that they are difficult to identify and remove once infected. It is essential therefore that you apply the same level

of proactive protection, security and control to web traffic as your email. A managed service with the combined power of Internet level protection for both email and web-based traffic allows you to mitigate these converged threats.

Uncovering the issues

Threats to information and infrastructure integrity

Web risks compromise your ability to meet the business continuity demands of your clients and partners, not to mention ever-increasing regulatory and legislative requirements. The availability of key information and data can be seriously affected by:

- Worms or spyware, which may cause a machine to be removed from service whilst it is cleaned
- Software, which degrades performance of the host machine
- Trojans, which impair the ability to access corporate systems via the net.

It is vital that you measure your organization's vulnerability to web-based attack and secure the integrity of key information by operating and enforcing a comprehensive security policy and business continuity plan.

Targeted attacks

The prevalence of targeted web attacks has grown dramatically as malware authors strive to develop more sophisticated techniques to gain financial advantage, including stealth programs that are designed to work unchallenged in your network. This leaves your organization exposed to data theft, broken software, unnecessary network traffic and the distraction of staff.

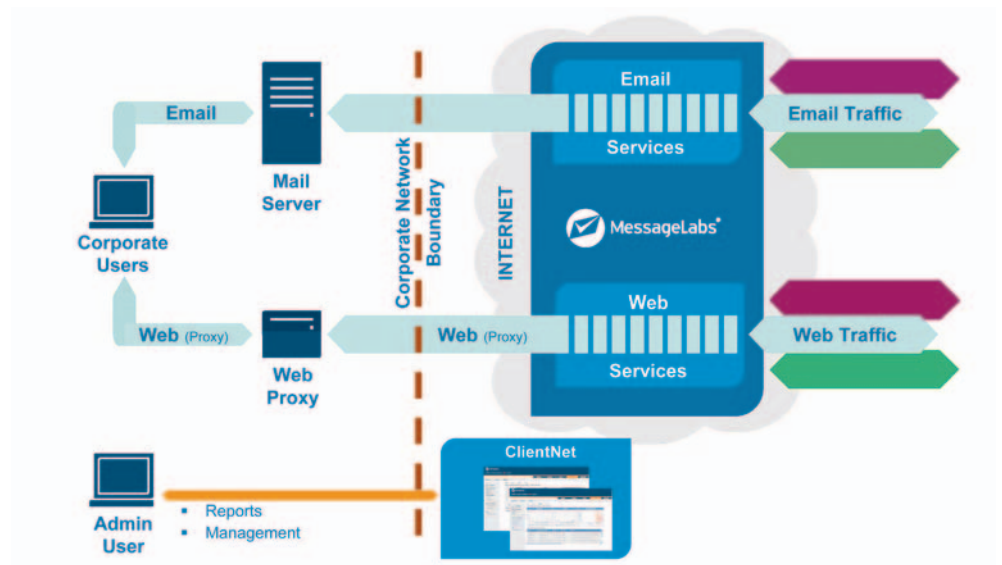
Threats to confidentiality

Spyware, hackers, Trojans and pharming could all lead to unauthorized individuals viewing sensitive client, partner or employee information, resulting in a loss of confidence in your systems.

Web Protect

MessageLabs Web Protect helps keep your organization safe, protecting you from malicious web content at Internet level before it gets near your network. Web Protect incorporates our Web Anti-Virus and Web Anti-Spyware services to provide security against web-borne malicious code and spyware respectively. This ensures the integrity of your electronic communications infrastructure and critical business information.

Our managed service approach provides a complete security solution without the hassle, inconvenience or additional cost of traditional software or hardware solutions. MessageLabs is unique as the only major provider of web and email security services.



How web scanning works

Benefiting your business

Protect business continuity

MessageLabs Web Protect allows you to mitigate the risks associated with known and unknown web-based threats to your business.

Protect business productivity

MessageLabs minimizes the impact of web threats to your employees' productivity by preventing them from reaching your network.

Protect employees and information

MessageLabs helps to safeguard key information, protecting your organization from identity theft, phishing and social engineering, enabling you to fulfil a duty of care to your employees by ensuring that they are protected from malicious, targeted attacks.

Protect your corporate reputation and brand

By employing one world-class vendor to protect your email and web communication, you can guarantee your brand will not be compromised by malicious third party malware.

"The success of the MessageLabs email virus scanning and spam filtering solutions made us very receptive to outsourcing web scanning too. The Internet is so crucial to our business that we couldn't afford to delay in finding a solution. With 650 machines connected to the network, the managed Web Services were a cost-effective and easily deployable choice."

Lauraine Turner, IT Director,
Condé Nast Publications

Features:

Web Anti-Virus

- Multiple commercial virus scanning engines to identify known viruses
- Real-time scanning of web traffic – no noticeable delay
- Analysis of web content
- Protection against unknown web viruses with Outbreak Intelligence™ proactive web heuristics
- Using advanced algorithms and data analysis, Outbreak Intelligence™ scans traffic to identify features associated with suspicious activity
- Once detected Outbreak Intelligence™ automatically propagates the heuristics to the scanning layer, where the threat is neutralized before it can reach your network

User experience

- Full management portal access for monitoring and reporting
- 24/7 support
- Easy to deploy
- Set and enforce web policy (adware etc.)
- Ability to configure the administrator email alert policy.

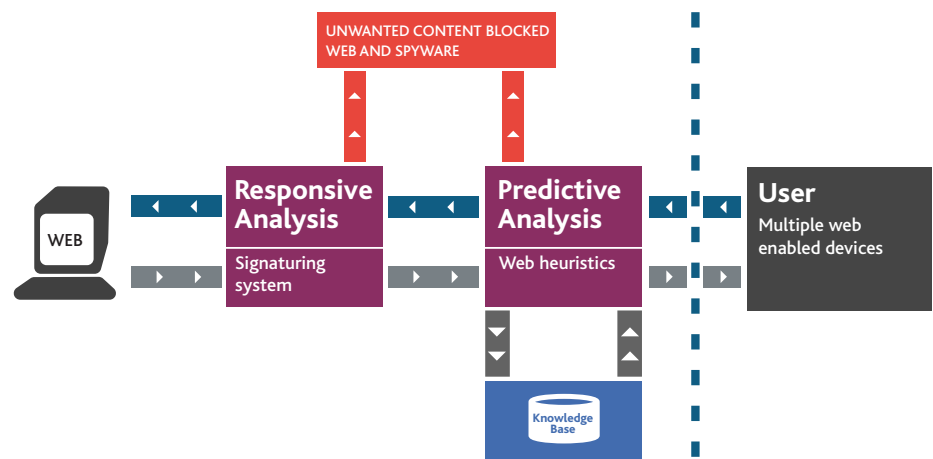
Web Anti-Spyware

- Comprehensive list of spyware blocked
- Create and modify policy from stringent to more flexible access (e.g. allow non-malicious adware)
- Spyware, adware and phishing databases selected and used for their accuracy
- Protection against unknown spyware using Outbreak Intelligence™ web heuristics
- Accurate scanning and policy enforcement with multi-tier processing
- Customize user notification when spyware detected
- Granular reporting by type, user or group
- Single solution for multiple sites
- Detection of outbound spyware.

How it works

- Client points proxy configuration to MessageLabs
- Client web traffic directed through MessageLabs service
- Known viruses and spyware intercepted through signaturing system
- Unknown viruses and spyware intercepted through Outbreak Intelligence™ web heuristics
- Malicious or unwanted content blocked
- Automatic update of statistics and events in user interface
- Threats managed away from the client's network.

Web Protect



About MessageLabs

MessageLabs is the world's leading provider of messaging security and management services, with more than 12,000 clients in more than 70 countries around the world. Delivered at Internet level, across a global network of data centers, MessageLabs managed service scans a billion business emails each week, protecting companies from email threats, securing confidential information and enforcing email policies. MessageLabs services enable businesses to ensure the integrity of electronic communications and regulatory compliance, help manage and reduce risk, secure critical infrastructure and maintain the confidentiality of information.

For more information on the global leader in messaging security and management, please visit www.messagelabs.com