

# Web Protection Service

## Comprehensive cloud-based web security for a safe, secure network

The web opened the door to infinite business opportunity. For your business – and the business of cybercrime. Each web connection provides an entry point for infection, malicious infiltration, and corporate risk. By applying risk assessments updated 24/7 by McAfee Global Threat Intelligence, Dimension Data Web Protection offers easy, feature-rich, vital defences against dynamic web-based malware attacks. Managed by experts in cloud security, you gain effective and economical control over threats and undesired Internet access.

The dynamic content and interactivity of Web 2.0 can increase the delivery of sophisticated web-borne threats that evade detection by traditional security measures. To protect your employees, clients, network, and intellectual property, your organisation needs proactive web security. That means a solution that doesn't just block "known bad" URLs, but also unknown and hidden attacks, blended threats, and spyware.

Unfettered use of the web can also lead to unproductive users and legal issues. Managing safe, appropriate Internet access can be a big resource drain for any company, but the consequences of not doing so can be severe.

Dimension Data Web Protection offers exceptional web security through a reliable, hands-free Security-as-a-Service deployment model. There's no more easy or effective way to keep your company connected while taking charge of online security.

With no hardware or software to install, Dimension Data Web Protection is speedy and simple to implement. In addition, near-zero latency, industry-leading uptime, and enterprise-class scalability ensure the performance and reliability you need to secure even the most demanding and distributed environments. If you already have on-premises

web filtering, our service is a good way to add anti-malware or secure branch offices and mobile users.

## Complete inbound and outbound protection

Dimension Data Web Protection secures all aspects of Web 2.0 traffic. It enforces your organisation's Internet use policy by automatically applying access rules to all policy-controlled web traffic. Traffic that violates your policy is blocked before it can enter your network. For permitted traffic, Dimension Data Web Protection uses sophisticated techniques to analyse the nature and intent of all content and active code on the requested web pages. It provides immediate protection against malware and other exploits.

## Automatic protection updated in real time

Websites and content change frequently, and cybercriminals have learned how to disguise their locations and actions. Traditional static URL blocking isn't enough. The McAfee Global Threat Intelligence network collects real-time data from 100 million sensors and correlates activities across key threat vectors, including email, web, vulnerabilities, and host and network intrusions. More than 400 dedicated threat researchers at McAfee Labs™ develop advanced analytics and reputation services to infer intent and risk and act to protect you.

## Content analysis to detect changing malware

Malware on websites can download silently to unsuspecting visitor machines, resulting in keyloggers that "phone home" with logins and client data, or a zombie that joins a global botnet. By scanning a web page's active content and understanding its intent or predicted behavior, we proactively protect against unknown malware, blended threats, phishing sites, and targeted attacks. We can also strip out objectionable or regulated content, such as pornography.

## Flexible control based on categories and users

Categories make it easy to set policies against offensive, undesired, and unproductive use of the web. With 100 categories to choose from, our web filtering is unmatched in flexibility, accuracy, and security. It provides easy control over inappropriate Internet use that saps productivity and can present legal liability.

In addition, categories can be matched to content and user communities for more targeted control. For instance, bandwidth-intensive video-sharing sites might be blocked during peak business hours for everyone except the marketing staff. Client care teams can be allowed to access news and shopping sites – but not gambling portals – during the lunch hour. Granular controls like these are more effective than indiscriminate blocking of Internet access and allow you to foster a productive and secure online experience.

### Key Advantages

Continuous updates protect the whole network, even roaming users, against fast-changing malware, spyware, and phishing

Enforces Internet usage policies and provides visibility to web usage through detailed reports by user group

Over 100 content categories allow flexible content control to help protect your business against legal liability

Substitutes a predictable, seamlessly scalable subscription for escalating on-premises capital equipment and staffing demands

Replaces uncertainty with proven protection: globally, this solution already safeguards web usage for more than 2,000 client organisations with over 100,000 users

### Key Motivators

#### Malware

Cumulative malware collected in 2007: 5.8 million; in 2009: 33.3 million; CAGR = 146 percent

#### Web

Malicious URLs in 2006: 173,983; in 2009: 4,261,353; CAGR=190 percent

(Source McAfee Labs)

### Savings come standard with our security

In addition to the savings gained by using our proactive control to strip malware and restrict risky sites, you will reduce the costs and IT overhead associated with clean-up and replacement of infected PCs. Surfing and access controls also free up network bandwidth for legitimate work, putting off network upgrades while reducing wasted employee productivity.

### Rapid service activation with minimal costs

Security-as-a-Service offers the most cost-effective way to implement and maintain effective Internet safeguards. Simply redirect your web traffic to our load-balanced data centres, where the traffic is scanned using state-of-the-art security technologies. Your web traffic is automatically routed to our nearest data center – architected with the capacity and performance to instantaneously handle all requests. As a result, users browse securely without noticeable latency.

Since our experts take care of all the hardware and software, you can be up and running fast with virtually no upfront costs. Ongoing costs are affordable and predictable. Without on-site equipment, client components, or security updates to manage, you also save on IT administration – freeing your staff and budget for other mission

### Web threats and malicious content span the globe, so research must be global, too:

In North America spam URLs make up 41 percent of all web threats, followed by malicious sites and suspected malicious sites

Within Europe/Middle East/Africa, spam and phishing URLs each make up 31 percent of the total, with malicious sites filling out another 29 percent

In Latin and South America, 36 percent of malicious URLs are associated with spam hosting, while 30 percent host phishing sites, and 25 percent host other sorts of malicious websites

In Asia/Pacific, 31 percent of the total is made up of questionable sites – those servers registered in such a way that the site should be closely monitored; spam URLs make up the next largest group at 29 percent, followed by malicious sites at 24 percent

(McAfee Threats Report, Fourth Quarter 2009, page 15)

critical IT needs. Our solution is scalable to meet the needs of the most demanding environments and supports all standard web technologies and browsers.

As a subscription service, Dimension Data maintains defences constantly and enhances protection features regularly, totally transparently, with no impact on your business.

### Convenient administration and reporting

Customisable dashboards help each administrator monitor trends and gain better understanding of how the organisation uses web and email resources. From any browser, you can isolate problems, document inappropriate activity, comply with regulations, and fine-tune filtering settings to enforce web usage policies. Tailored notifications alert users to policy violations and blocked web content. Administrative alerts provide instant knowledge about important security events.

### For More Information

More information about Dimension Data Security Solutions, please contact:

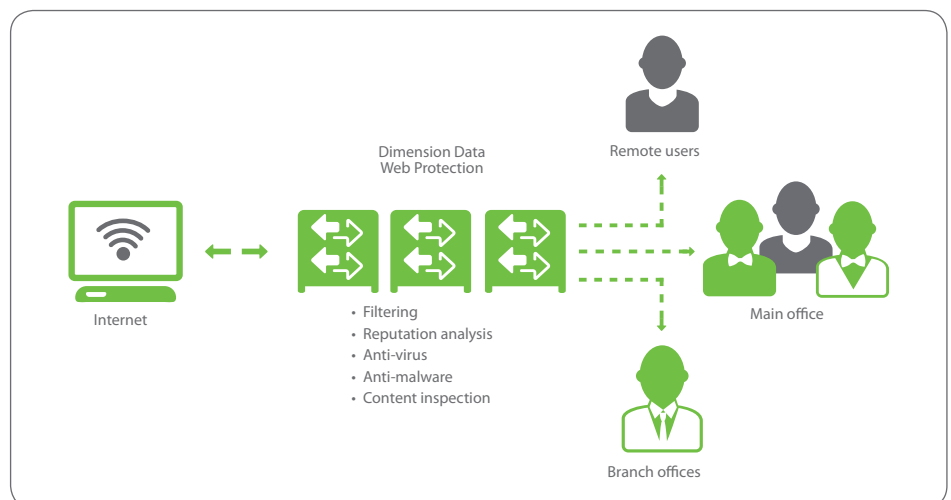
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features	benefits
Cloud-based web protection	Reduces capital requirements, ongoing expenses, and management time, enabling IT to focus on business-enabling projects
True reputation-based filtering	Dynamic policy updates incorporating up-to-the-moment intelligence
Active web security	Real-time scanning of web content to defend against both known and unknown threats
Transparent user identification	Seamless and automatic enforcement of policies
Content compression	Reduces bandwidth requirements and improves throughput
Granular policies	Customised rules based on employee needs and requirements
Active Directory/LDAP integration	Simplifies policy management by leveraging existing user groups



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