

Web Virus Scanning

Spyware Screening

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NONSTOPIT SERVICES - OVERVIEW

nonstopIT's suite of managed services provides businesses of all sizes with complete security and control over Web and instant messaging (IM) use. Through a simple configuration change, your traffic is routed through our upstream high capacity datacenters and scanned in real time, enforcing policies and blocking malware threats before they can reach your network.

Our services protect enterprise customers from the security and productivity threats they face today and evolving new malware threats of tomorrow.

nonstopIT Services

- **WEB VIRUS SCANNING:** Eliminates harmful Web-borne viruses at the Internet level before they can enter and infect your network. Browser vulnerabilities are on the increase and ever-faster exploits are designed to harm your business before patches become available. Web Virus Scanning is powered by our proprietary heuristics technology, to provide true defense-in-depth protection against these zero-hour virus threats.
- **SPYWARE SCREENING:** Providing targeted protection against malware threats that use deception, particularly stealth spyware, adware and phishing attacks. Spyware is the fastest growing threat vector facing organizations today, and unlike other desktop anti-spyware solutions we adopt a 'prevention is better than cure' approach, blocking all types of malware before they can enter the network.
- **WEB FILTERING:** An easy-to-use service to create, enforce and monitor Web usage policies. Layering real time rule-based filters with up to date and accurate categorization databases, Web Filtering enforces your organization's acceptable usage policy, protecting you from the legal liabilities of inappropriate content, reducing bandwidth congestion and improving employee productivity.
- **IM CONTROL:** The first integrated Web and IM security service enabling your organization to control the fast growing use of public IM solutions in the enterprise including AOL, Yahoo! and MSN. With a simple configuration change, outbound and inbound IM traffic is scanned in real time and managed to provide your business with enhanced security, control and compliance over employees' IM use.

nonstopIT's Approach

ABOUT OUTBREAK INTELLIGENCE

Most anti-virus products rely primarily on signatures to stop viruses. These signatures are based on known viruses. Relying solely on this method leaves a dangerous window between the time a virus first appears and the time a signature is developed and deployed. Every passing minute until a signature arrives is enough time for a virus to multiply and further compromise your network.

Outbreak Intelligence leverages nonstopIT's position at the Internet-level, at the center of all Web traffic from our customer network, to proactively identify threats, quickly develop heuristics, and test these against real data to quickly ensure accuracy and effectiveness. nonstopIT's ability to analyze threats proactively ensures that Outbreak Intelligence heuristics are created and updated 24x7 for immediate protection.

OUTBREAK INTELLIGENCE - SUMMARY

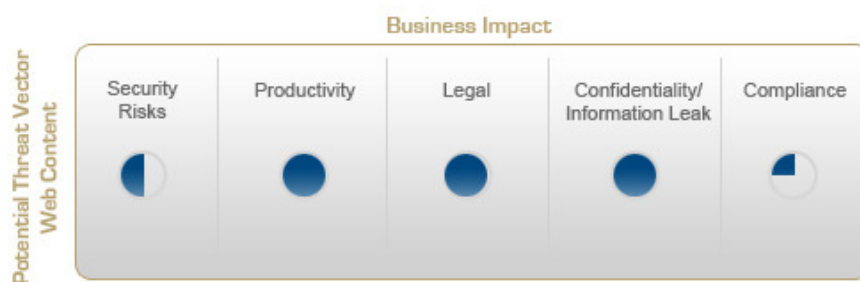
nonstopIT's Outbreak Intelligence™ heuristics system detects threats before there is a signature by evaluating suspect behaviour, and blocking it until nonstopIT is sure it is not malicious.

- nonstopIT delivers the industries most robust zero hour protection.
- Outbreak Intelligence™ is the most effective and reliable heuristic technology for Web and IM as it uses the world's largest amount of Web and IM traffic to identify and protect against threats.
- 1 in 6 threats detected by NonstopIT are from Outbreak Intelligence™.

nonstopIT Services Detail

WEB FILTERING

Are you enforcing your Internet access policy?



Statistics

- Unnecessary time spent online impacts productivity (~50% of time is spent on recreational surfing), slowing the network, and opening up legal liability
- Non-productive use adds to bandwidth congestion, reducing efficiency of investment in infrastructure
- Employers have legal liabilities for the content that their staff are exposed to. Adequate filtering will decrease your legal liability
- "Up to 40% of internet use in the workplace is not business related" – IDC Research
- "Browsing is definitely a point of risk" – Bill Gates, Microsoft Corporation
- "The information security breaches surveys [ISBS] reports web misuse as the number 2 security threat overall" – ISBS

Why Web Filtering?

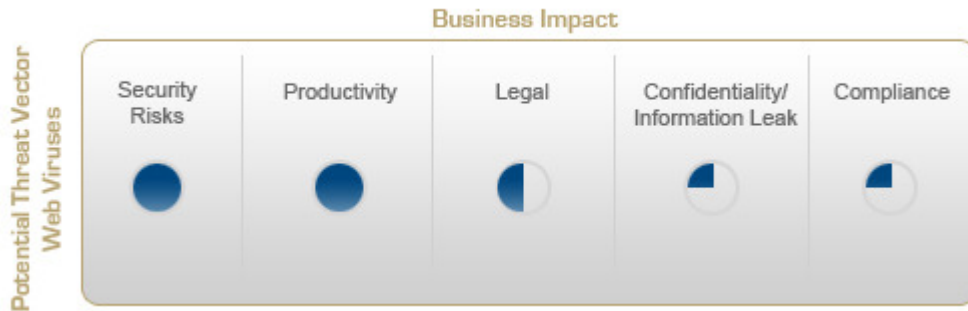
- Protect your network and staff from undesirable and inappropriate web content
- Drive productivity by limiting time spent on recreational surfing
- Optimize network resources by reducing bandwidth congestion
- Comprehensive online reporting for detailed monitoring of online activity

Service Features

- Easily create different access policies to suit different areas of your business using a visual dashboard
- Policies based on URL categories, content types and file types
- Flexible URL red lists and green lists to provide access to specific content, or block all
- Enable recreational access at defined times of the day, or quotas by data transmitted
- Customize message to user when access is denied
- Comprehensive activity reporting including Forensic Auditing by user, department or whole organization

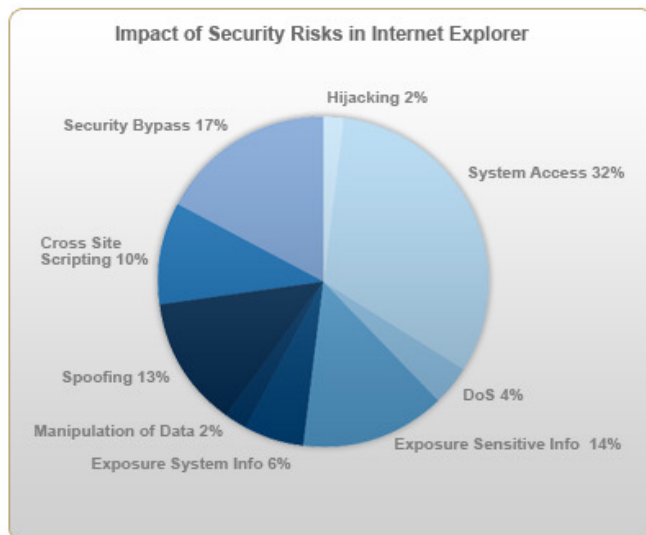
WEB VIRUS SCANNING

Is your network protected from tomorrow's web viruses?



Statistics

- Average survival expectancy for unprotected PC on Internet is under 30 minutes (SANS Institute).
- 6% of sites with downloads contained infected executables in Oct 2005 (University of Washington)
- 80% of PC's are infected with malware (NCSA)
- "36.8% of companies were plagued by one or more browser-based attacks in the last six months" – Computer Technology Industry Association
- "Surge in Web-based viruses up 25% from last year" – Computer Technology Industry Association



Source: ScanSafe Threat Center

Internet Explorer Security Risks

Why Web Virus Scanning?

- Proactive scanning of Web viruses before they reach your network
- Eliminate downtime and cleanup costs
- Reduce patching and updates

Service Features

- Outbreak Intelligence™ heuristics scanner
- Multiple leading signature based virus engines
- Customized alert messages

SPYWARE SCREENING

Is your network infected with Spyware?



Statistics

- What started as opportunism and a show of skill has turned into organized crime
- 12% of PC support calls are Spyware related (Dell)
- 55% of corporate PCs infected with spyware (Webroot)
- Increase of 214% in Spyware 'Calling Home' in H2 2005 (NonstopIT Global Threat Report)
- "Two of the top four IT security concerns include phishing attacks and spyware"- Gartner
- "Cyber criminals taking £2.5bn from UK business" – National High Tech Crime Unit

Why Spyware Screening?

Protect your network and employees against:

- Theft of sensitive corporate data and personal information
- The creation of unnecessary network traffic
- Broken software and the high costs of Spyware clean up
- The loss of employee confidence in your systems

Service Features

- Up to date protection from latest phishing, adware and spyware
- Specify allow from comprehensive list
- Forensic audit of infected computers to improve detection and clean up rates

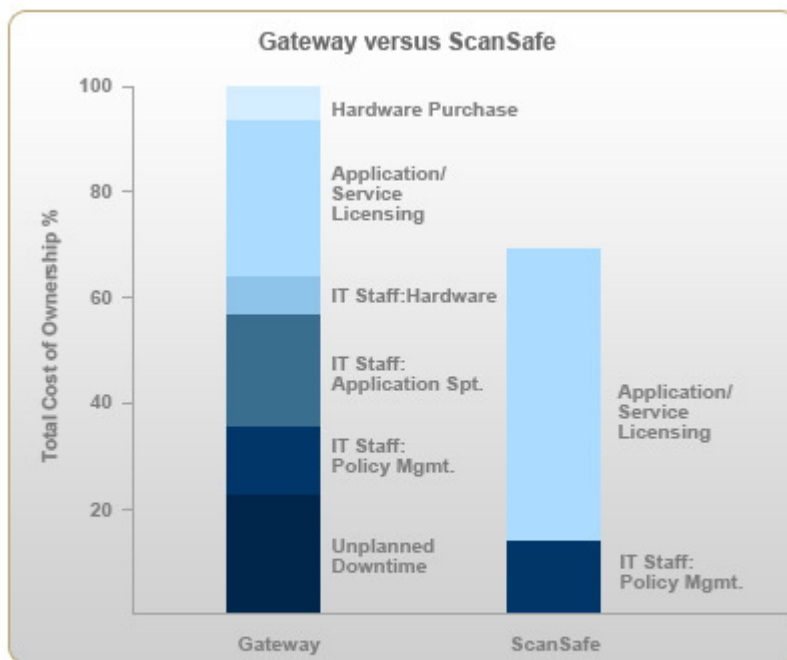
nonstopIT Benefits

UNPARALLELED SECURITY

nonstopIT offers true defence in depth security through Outbreak Intelligence, our proprietary heuristics engine which is an integral part of our multi-tier protection. Operating at the heart of the network traffic, Outbreak Intelligence provides immediate protection against zero-hour threats, and is supported by layering leading industry signature and categorization databases. nonstopIT enables your business to trust its Web security to experts knowing that you have built in protection and round the clock response to new and emerging threats.

LOWER TOTAL COST OF OWNERSHIP

nonstopIT security services are delivered at a fixed annual cost which allows for easy budgeting ensuring a predictable price for an unpredictable problem. Without the need for hardware, software or maintenance expenditures come out of your operating budget not capital expenditure. Most importantly our services free up your valuable IT resources to focus on other business critical projects. Our customers typically experience total cost of ownership (TCO) savings of 30-40% as detailed show in figure 6-1.



Source: ScanSafe Threat Center

The Total Cost of Ownership with nonstopIT

A manufacturing customer of the nonstopIT services located in the U.S. has documented the following benefits through independent analysis:

- ROI: 208%
 - Payoff: 6 months
 - 3 year benefit value: \$111,023
- **Increased Productivity** - 30 hours a week saved by IT support not having to deal with Spyware. Employees also more efficient as no longer able to access content unrelated to their job descriptions
 - **Recovered Bandwidth** - By reducing unnecessary Internet traffic, the bandwidth demands have decreased – by more than expected by the company, removing the need to add additional T1 capacity
 - **Improved Data Sharing** - Prior to switching, insufficient bandwidth made it difficult to transfer data between offices. The recovered bandwidth means it's faster to share data, so employees are now doing so more often.

INSTANT SCALABILITY

Our suite of managed services is infinitely scalable allowing you to add users instantly at fixed cost. Simply add a new service or users, turn on and go. Additional capacity planning is not required for corporate expansion or reduction, enabling you to roll out the services across multiple international locations or branch offices with no lead times or additional capital expenditure, configuration or administration cost. All services have redundancy, availability and disaster recovery built-in saving you the resource and costs of unplanned or planned downtime.

EFFORTLESS MANAGEMENT

Management, control and administration of your Web security becomes effortless. All our services have been designed for ease, simplicity and speed of deployment, taking you as little as 1 hour to route live traffic through our scanning infrastructure. The services require zero maintenance and all signature and security updates are continuous and automated on your behalf. Our Web-based management portal, ScanCenter, allows you to administer, control and monitor performance in real-time across multiple locations and geographies accelerating your reporting productivity, and all services are supported 24/7/365 by our teams of dedicated network and security experts.

UNRIVALLED SERVICE LEVEL AGREEMENTS (SLA'S)

We take our commitment to the security and performance of our services very seriously and provide the most comprehensive SLA's for our customers in the industry.

- We guarantee that our service will be available to scan your traffic 99.999%.
- We provide commitments against scanned false negatives and false positives (web requests that were blocked but should not have been)
- We provide guarantees for latency or speed of service by measuring additional load time attributable to our service.

'ZERO' LATENCY

Our network is designed from the ground up specifically for Web traffic, using highly parallelized processing for optimal throughput that minimizes scanning time and dramatically increases scalability. Performance is independently monitored for uptime and speed of scanning. Highly redundant provisioning ensures all customers are provisioned with a minimum of 100% head room on every server. All data is locally load balanced between two distributed data centres to minimize latency and maximise uptime.

SUMMARY

- ✓ **Unparalleled Security** – multiple scanning engines and propriety Outbreak Intelligence heuristics engine
- ✓ **Lower Total Cost of Ownership** – typical savings of 30 – 40% with no hardware or software, allowing you to focus on other IT priorities
- ✓ **Instant Scalability** – for more users, new offices, new countries, no capacity planning required
- ✓ **Effortless Management** – maintenance, 24*7 support and continuous updates outsourced to Web security experts
- ✓ **Unrivalled Service Level Agreements (SLA's)** – the most comprehensive in the industry for latency, availability, false positives and negatives
- ✓ **'Zero' Latency** – designed from the ground up specifically for Web traffic, parallelized processing for optimal throughput, performance and uptime