

Total Traffic Control

Datasheet

Protecting information and securing networks is very important during unsettled economic times. Network security has no Return On Investment and is a prime candidate for cost savings. The problem for IT managers is both statements are true. How can organisations manage network security costs while ensuring comprehensive protection and enhancing control?

Total Traffic Control from Lightspeed Systems has been designed to solve the security problems facing organisations that deal with ever evolving technology on tighter budgets. From stopping data leakage and monitoring user behaviour to ensuring bandwidth is used effectively, Total Traffic Control gives organisations a unique combination of power and price.

Knowledge is Power

The foundation of true security is knowing what is happening on the network - when it happens. Many organisations struggle with staying one step ahead and often discover security breaches only after it is too late to stop them.

Simple reports facilitate instant knowledge of suspicious use of IT resources. Drill down reports allow specific user details to be discovered with a few clicks. Forensic reports permit legal evidence to be collected and stored securely.

The first step to control unwanted behaviour is to know immediately it is happening and to prove when and by whom. Total Traffic Control gives you the power of knowledge.

Control is Freedom

All technology is double-edged, and many organisations 'lock down' useful technology for fear of it being misused by malicious or naive users. Comprehensive control allows users the freedom to access IT and the Internet safely.

Different users or groups can have role appropriate controls. IT staff can run network tools, but no one else. Social networking can be allowed, but only at lunch time. Memory sticks and other removable media can be monitored and controlled.

Integration with Microsoft Active Directory and other networks makes control easy. Both Windows and Macs are catered for. Policies can

be enforced even when laptops leave the corporate network. Total Traffic Control gives organisations the freedom to use IT to its full potential while ensuring online behaviour is controlled.

Security for All

The priority for IT spending right now is core business applications, and rightly so. However this often leaves security essentials such as anti-virus, spam and firewalls under-funded and the network not well defended. This situation is made even worse by using many different security products with various support and upgrade cycles.

What is needed is simple but comprehensive security that protects both PCs and the gateway. Security that protects PCs from viruses, spyware, malware and other unwanted programs. Security that protects email from spam, phishing, adult language and inappropriate web links. Security that protects the gateway from hacking and other attacks.

Total Traffic Control combines powerful desktop and gateway security in a single easy to administer product that frees up time and budgets for business.

Unlike many other so-called security suites, Total Traffic Control is not various products acquired over time and simply branded as a single solution. Total Traffic Control has been designed by a single team to provide organisations with everything they need to monitor staff, control unwanted behaviour and secure the network from attack and threats.

This single comprehensive approach has many advantages for organisations feeling the pinch. Problems with unwanted behaviour is more visible and can be dealt with much earlier. IT resources can be used to their full potential and new technology controlled quickly. IT Support can spend more time focusing on business and not security problems. IT budgets can be reduced in areas such as hardware, maintenance and training.

Total Traffic Control is transforming how many organisations approach security. They finally have tools designed for the unique challenges facing business today, from a company that understands how important technology is while ensuring it is used safely.

Product Features

Network

Web Content Filter
Spam Management
Message Journal
Bandwidth Control
Gateway Security

Desktop

Antivirus & spyware
Application Control
USB Control
Power Management

Reports

Web Sites
Downloads
Search Engines
Instant Messages
Spam and Email
Email Content
Suspicious Traffic
USB Activity
Programs Used
Software Inventory
Power Usage
Hardware Audit

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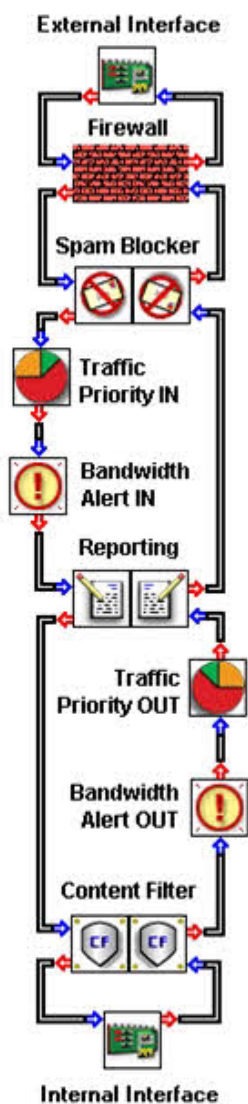
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Object Configuration

Powerful packet processing objects can be configured simply by drag-and-drop

Choose from over 30 objects such as Spam Blocker, Content Filter, Firewall and Bandwidth Control

No further installation or setup is required, power and simplicity together at last!



Total Traffic Control is a single product from a single company. Unlike many 'suites' that were originally different products from different companies, Total Traffic Control has been created from the ground up by a single team. This means money can be spent on developing new features instead of acquiring companies and integrating disparate products. Customers benefit from reduced cost as well as easier administration and training.

IP Magic

At the heart of the Total Traffic Control server is our unique and powerful packet processing engine we call IP Magic. Stateful Inspection, Class Based Queuing and Packet Filtering are only a few of the advanced capabilities of this engine. We have over thirty objects such as Spam Blocker, Content Filter, Firewall and Bandwidth Control that can be 'plugged into' the IP Magic engine to provide almost unlimited flexibility and control.

The IP Magic engine allows capabilities far in advance of other single point solutions. For example the content filter object uses deep packet inspection to see and block anonymous proxy traffic even when it is encrypted! The best part is that IP Magic runs on any industry standard server from Dell or HP (and many others), so no expensive 'black box' appliance is needed.

It is often true in IT that the more powerful a product is, the more difficult it is to administer. Total Traffic Control is the exact opposite, with one of the easiest management tools you are likely to see. Our unique drag-and drop interface allows you to quickly configure objects to adapt to your changing needs. Imagine being able to implement a major new feature like bandwidth control without any new hardware or installs, just drop the object and double click!

Security Agent

While gateway security and network control are important, desktops and laptops make up most of the computers on any network. Total Traffic Control has a unique kernel level, WinAPI inspection engine that forms the heart of our Security Agent. The Security Agent not only provides protection from multiple classes of threats (virus, spyware, malware, adware, keylogger, etc), but also provides zero-hour protection from new and unknown threats.

The Security Agent also provides application control, including browser plug-ins and toolbars, with policies set by categories, users, time, etc. For example a policy may be created to block games for users except during lunchtime. The Security Agent also allows control of all removable media from memory sticks to digital cameras.

Total Traffic Control doesn't stop when a laptop

leaves the network. All policies still apply and can even be updated when the laptop is away from the office. Reporting on user activity also works outside the network. For example web filter policies are still enforced over holidays and web sites visited will be recorded, without the user connecting to the network!

With energy costs rising and computers forming a significant part of a overall power usage, PC power management is more important than ever. Total Traffic Control monitors PC energy use and allows policies based on usage or time for PC/monitor sleep, hibernate or shutdown. Reports show savings based on your actual cost per Kw. Many customers realise energy savings greater than the cost of the product!

The Archive

An important part of any security product is data. From virus definitions to URL categorisation, comprehensive and current data is central to security. Many security vendors simply aggregate existing data and rely on their customers to provide them with new information. Lightspeed Systems has a very different philosophy that is intensely pro-active.

Rather than relying on existing sources and customers for our information, Lightspeed Systems has invested millions in creating a system we call the Archive. Search spiders constantly scour the Internet for new URLs, IPs, programs, threats and other information while self learning algorithms analyse every link, word, binary, etc.

The Archive is the largest security database on the Internet and is updated all day every day by hundreds of our dedicated servers discovering, analysing and categorising new information as it is published. For example when we find a new web site we download every page and analyse every word and follow every hyperlink, as well as cross-referencing other sites that link to it.

Only after we analyse both the content and the context do we assign an 'movie style' content rating as well as one of over 120 categories. Similar care is taken with discovering and categorising applications from Excel to iTunes. With over 1.4 million 'known programs', we can automatically analyse new executables and compare binaries to ensure quick and accurate categorisation. This technology also allows us to be intensely pro-active in identifying new threats.

Lightspeed Systems understands the network security and control problems facing IT departments today. Unlike most other security products, we have designed Total Traffic Control to be both powerful and cost effective. Our all-in-one philosophy allows granularity and flexibility greater than most 'enterprise' systems, while reducing installation and administration time. We provide all this and reduce total cost of ownership.