

SafeSquid™

Content Filtering Internet Proxy

⊗ *Unrestricted and unfiltered access to Internet can cause downloads of undesirable **spyware, worms and trojans**, and render your computer systems useless*

⊗ *Wasted time and Bandwidth due to needless browsing and downloads can cause you severe **productivity losses**.*

Such productivity loss translates to tremendous financial losses – the minimum being the cost-per-hour to the company for its employee;.

*The Productivity loss increases manifold if such **wasted time causes delays in important business tasks**.*

SafeSquid™ can prevent such misuse, productivity and Financial losses.

SafeSquid™ is backed by a team of dedicated and experienced professionals. You can always rely upon the SafeSquid™ support technicians to turn your most complex policy requirement into a manageable reality.

SafeSquid™ on-line training programme produces hundreds of technicians capable of delivering technical support, world-wide.

SafeSquid™ has been reviewed, tried and tested the world over, by various software integrators, beta-testers, consultants, network administrators.

There is presently over 10,000 installations of SafeSquid™ world-wide

It is indeed the favourite tool of the Enterprise Administrators for enforcing the Corporate Internet Use Policy.

In every Internet enabled enterprise -

- a **virus** or security related incidence occurs atleast 3 times in a year;
- atleast 20% of Internet Bandwidth is wasted due to **needless surfing and downloads**;
- atleast 3% of business hours are lost due to leisurely surfing for **pornography, job hunting**, personal emails and chat.
- **Spywares** can completely choke Internet Bandwidths.
- Unauthorised use of **automatic music, image, pornography, screensaver crawlers & downloaders** can increase the Internet Bandwidth utilisation by over 50%



STOP

- ⊗ computers from getting damaged by viruses , dangerous scripts, ActiveX Downloads contained in innocent looking web-sites;
- ⊗ The nuisance caused by SpyWare and AdWares
- ⊗ employees from wasting office hours for - leisurely surfing, personal chats and emails, searching new jobs etc;
- ⊗ loss of confidentiality, because important documents get uploaded to unauthorized web-sites;
- ⊗ employees from wasting bandwidth, by downloading needless software like music and pornography and causing more important tasks to be hampered;
- ⊗ serious embarrassments caused by unwanted advertising pop-ups getting displayed on the computer;
- ⊗ Wasting precious hours, trying to ensure safe and reliable distribution of Internet Access across your enterprise

Prevent -

- Financial Losses
- Productivity Losses

APPLICATION LAYER
FIREWALL



All the features you need to enforce the Corporate Internet Use Policy

**Get it quick...
Serve it fast.**

Pre-fetching
Multi-threaded pre-fetching, allows you to download multiple web-objects simultaneously.

Content Caching
Advanced Cache management allows you to cache recently downloaded images, pages, files, etc.

Cache Array Routing Protocol
Advanced Cache management allows you to cache across multiple folders or hard drives on the server.

Internet Caching Protocol
Advanced Cache management allows you to use remotely located web-caches.

**Advanced Features...
Simple Management**

Multi-proxy configuration
Configure all proxies across the enterprise to use configurations from master proxy. Configure your master, slaves will follow!

Customisable Templates
Change the Warning messages to a language, that your users understand.

Browser Based GUI
Manage your corporate policy remotely, with your favorite browser.

Log Reports
Review and analyse the usage of Internet Access. Check if your policy configurations are delivering the desired results.

Customisable Filtering Logic
Open and easily modifiable Filtering rule-sets. Build your own profiles and rules for content filtering and access control.

**Secured Gateway...
Productive Network**

Bandwidth Management
Allocate Bandwidth Quota and Connection speed per category or per web-site, per user / computer.

Request Forwarding
Forward requests through firewalls and other proxy servers.

Reverse Proxy
Application layer security for your Internet / Intranet sites. Block upload of dangerous stuff, to your web-site.

Word Filtering
Advanced Weighted Scoring Keyword Filter to block access to pornographic web-sites.

Cookie Filter
Block cookies, that steal your confidential information, from all or specific web-sites.

Content ReWrite
Block pop-ups that drive you crazy. Eliminate malicious ActiveX Controls that install toolbars, spyware or any other dangerous software.

Categorised Surfing.
Pre-Set one or more white-lists of web-sites to individuals or groups.

Header Filter
Hide your identity from web-sites. Define which web-applications can access the internet

MiMe Type Filter
Block download of movies, images, audio, flash, files from one or specific web-sites.

URL Filter
Block content from undesirable sources like chat servers, banner servers, ad-rotators, Instant Messengers, etc.

Virus Control
Plug-and-play connectivity to use Clam AntiVirus. Point-and-click function to create new Virus Signatures. Optional API connection to ClamAV. Set one or more virus scanners to simultaneously scan all that is downloaded. SafeSquid™ offers install-to-use connectivity to F-Prot AV, Kaspersky AV.

Virus Control - ICAP
Built-in ICAP client gives you install-to-use capability to connect any third-party ICAP based security software like Symantec or Dr. Web's ICAP AV ScanEngines.

Pornographic Image Filter
Blocks images based on their content

**In God, we Trust.....
The Rest, we Filter.**

Internet Access Increases Productivity *Abuse* Increases Losses

- ☑ SafeSquid™ helps you to enforce a comprehensive Internet Use Policy for your enterprise. It gives you the freedom to set a highly granular policy, that accommodates all the variations you need for individual usage profiles, without compromising on security.
- ☑ SafeSquid™ gives you the freedom of choosing one or more of your favourite third party security software, like - Symantec's ICAP based Virus ScanEngine, ClamAV's Daemon or API libraries, Kaspersky AntiVirus or F-Prot AntiVirus Daemon or command-line scanners, etc. to scan everything uploaded or downloaded from your Internet Gateway.
- ☑ You can very easily customize SafeSquid™'s built-in security profiles, for content scanning and content re-write, to block any new form of advertisement pop-up windows, and other harmful content, for all or any specific web-site.
- ☑ You can create individual user / department / network based internet access profiles; restricting their access to only specific web-sites or disallowing access to only specific web-sites. You can even time-schedule these profiles! You can also use SafeSquid™'s advanced bandwidth management with these profiles to granularly define the bandwidth allocation for each access profile, for data upload and download.
- ☑ SafeSquid™ has a sophisticated content caching system, that can dramatically enhance the web-surfing experience, and reduce the bandwidth usage in your enterprise.
- ☑ SafeSquid™ has a browser based secured user interface, for remote management. With SafeSquid's sophisticated nulti-proxy configuration you have to configure only one installation of SafeSquid in your enterprise, if you need multiple installation points, they can share the same set of configuration!

SafeSquid™

- ◆ TOTAL CONTENT CONTROL
- ◆ TOTAL ACCESS CONTROL

Total Access Control
Define the complete Internet Access Profile per user / usergroup / computer / network.
For example - Steven can the web-sites in the "business research" category any time of the day, and will have the best possible Internet connectivity. However he will **not be able to upload any files**, to these web-sites. However cookies, and Activex Controls that cause **automatic installation of software or spyware**, served by any of these sites will be blocked. All header content will also be stripped, to ensure privacy.
Steven can access the web-sites in the "personal mails" category only during **lunch hours and after-business hours**. However he will not consume more than 100 MB of this in a month, provided he has **not exceeded 25 MB in that week**. Besides Steven's speed will be limited to not more than **10Kb/sec** for accessing sites in this category.
Steven can access the web-sites in the "business applications" category, as much as he wants at the best available internet connection speed, any time of the day and can even upload files, to these sites.

**It's Your Business.
Save it
from
Productivity
Losses.**

Design time-based rules for individual user / usergroups / network / computer / web-site.

- ◆ Map the Usergroup / Network / Application that will be allowed Internet Access
 - Basic Set(s) of Universally Allowed or Denied Internet Access
 - * Keywords; Users, IPs; MiMe types; Web-site Categories, Domains, pages; time-schedule
 - Define the profiles of every purpose that requires Internet Access -
 - * The purpose of the Internet Access for each Usergroup / Network / Application -
 - ⇒ Allowed / Denied Website Categories & Data Types for - Business Applications
 - ⇒ Allowed / Denied Website Categories & Data Types for - Leisure Surfing
 - ⇒ Allowed / Denied Website Categories & Data Types for - Personal Emails
 - * Allocate Internet access resource for each purpose -
 - ⇒ Hourly / Daily / Weekly Data Transfer Quota per user for each purpose
 - ⇒ Speed Limits / Quality of Service per user for each purpose
 - ⇒ Time-schedule per user for each purpose.
- ◆ Map the permissible mechanisms of Internet Access for each connection resource.
 - For each user, IPs, Protocol, Purpose
- ◆ If no explicitly defined purpose-profile is included in the IUP -
 - Define the default guiding principle.

SCALABILITY • MANAGEABILITY • GRANULARITY



Authentication

PAM

External Databases

NTLM

Chains with other Proxy or Security

Request Forwarding

Transparent Proxying

ICAP / CARP / ICP

Enhanced Surfing

Content Caching

Pre-fetch Embedded Objects

Browse FTP Servers

Block Advertisement Pop-Ups

Supports All Browsers

Customizable Templates

Gateway Level Content Filtering

Advanced Management

Browser Based Secured Access GUI

Multiple Proxy Configuration Sharing

Full compatibility for Regular Expressions

Time - Feature - User - Network Profiles

Configuration Import & Export

Extensive Log Reports

Proxy Behavior Testing

Bandwidth Management

User / Network based policies

Web-Site based policies

Time-based policies

Surfing Quota Allocation policies

Quality of Service policies

Security

Allow / Deny Protocol Policies

Header Rewriting

Cookie Control

Content Script Control

Virus Scanning

Secured Internet Gateway

Web-page / Web-Site Blocking

Weighted Key-Word Scoring

Categorized Web-Site White / Black Lists

Block / Redirect domains and URLs

MiMe type White / Black Lists

DNS Blacklists

Value-for-Money

Free Edition has no User / Time Limits

Unlimited user Perpetual Server Licenses

Comprehensive Documentation

Dedicated Support

SafeSquid™

Corporate Internet Usage Policy Manager

- ◆ Use **one or more AntiVirus** Software of your choice-
 - * F-Prot AntiVirus
 - * Kaspersky AntiVirus
 - * Symantec
 - * Clam AntiVirus
 - * *Many Others*
- ◆ Use **URL Databases** created in a flat-file architecture or MySQL Tables.
- ◆ Exhaustive and modifiable built-in **content filtering templates**.
- ◆ Use **Perl Compatible Regular Expressions** to create complex profiles and filters.
- ◆ Use SafeSquid™ **Software Development Kit** to create custom add-on modules.
- ◆ Technical Support Forum for knowledge sharing, **quick help**, and trouble-shooting.
- ◆ **Exhaustive support** for implementation, bench-marking and proof-of-concept evaluation.
- ◆ Modular design to facilitate **application customisation**.
- ◆ Simple Export / Import of **Internet Access Policies**
- ◆ Universally Compatible with all **log-analyzers**

SafeSquid™ is a multi-threaded software, with an extremely tiny memory foot-print. It has been bench-marked for performance on various hardware architectures and operating systems. The latest versions are released only after comprehensive testing on contemporary Distributions of various Operating Systems.

The CPU and RAM requirements depend upon the Internet & LAN Connection Speeds, acceptable latencies, number of concurrent

users, complexity of the employed rules, number of desired connection threads, third-party security software like antivirus, URL Databases, etc.

Minimal System Requirements

CPU - Intel® Celeron® 433 MHz or higher

RAM - 128 Mb or more

Operating System -

Linux / BSD / Sun Solaris®

Microsoft® Windows



SAFESQUID™ IS PRODUCED AND MAINTAINED BY
OFFICE EFFICIENCIES (INDIA) PRIVATE LIMITED
Tel # +91 - (22) - 2577 - 2222
Fax # +91 - (22) - 2577 - 0110
eMail # information@safesquid.net
Web # <http://www.safesquid.com>

Over 100,000 users, world-wide