

8e6[®] R3000G R3000S



Dedicated Filtering Appliance Optimized for Speed and Scalability

KEY FEATURES:

Real-Time Probes

Allows an administrator to monitor a user's Internet usage in real-time to determine if that user is using the Internet appropriately. Reports generated by the probe can be e-mailed for further review.

"X-Strikes" Blocking

Administrators can set criteria for blocking a user's access to "unacceptable" Internet sites and lock-out a user's workstation from accessing the Internet after the user makes a specified number of attempts to access such sites.

Google SafeSearch

Can block access to inappropriate content within the Google search engine by forcing the Google SafeSearch mode 'on' for all searches, including images.

Customer Feedback Module (CFM)

This "auto learning" feature sends the most frequently visited non-categorized URLs from participating customers back to 8e6 Technologies on a daily basis. The selected URLs will be reviewed and added to 8e6's standard library categories.

SNMP

SNMP compliance allows network administrators to use Simple Network Management Protocol (SNMP) to monitor R3000s in their networks. SNMP can monitor: traffic sent/received, CPU load, amount of free disk space, time since last reboot, and memory use.

Unmonitored Web surfing, Instant Messaging and Peer-to-Peer file sharing bring risks related to productivity, security, legal liability and network performance. Software-based solutions attempt to address these issues, but require integration on an existing firewall, proxy or cache. This results in poor network performance and traffic jams.

8e6 Technologies' R3000G and R3000S provide scalable, high-speed filtering solutions designed to support up to 30,000 users with a single appliance. Optimized as a stand-alone 1U rack-mountable server appliance, the R3000G or R3000S can easily and reliably integrate into any network, without bottlenecks and downtime.

Improves Productivity

- Manage end-user access to the Internet, eliminating time wasted on unauthorized Web sites, Instant Messaging (IM) and Peer-to-Peer (P2P).
- Free up IT management for mission-critical projects, rather than constantly addressing issues at the firewall or proxy.

Reduces Liability

- Provide management with a tool to enforce an organization's Acceptable Use Policy (AUP).
- Comply with filter-enforcing laws such as CIPA, HIPAA and Sarbanes-Oxley.
- Avoid damaging and costly legal liabilities due to sexual harassment and hostile environment lawsuits.
- Secure confidential information against spyware and phishing agents.

Preserves Network Resources

- Conserve bandwidth by limiting access to broadband sites, including multimedia (MP3s, JPGs, Flash presentations), shareware & program download sites and streaming media (MPEG).
- Keep firewall, proxy or cache available for their core functions.

HIGHLIGHTED FEATURES

Unparalleled Performance & Scalability

Unlike competitive software offerings that require shared server functionality and possibly several separate server installations, the 8e6 R3000 achieves enterprise-strength filtering with its dedicated server appliance approach combined with "pass by" filtering technology. Designed to filter and filter only, the R3000 "watches" rather than "stops & checks" traffic as it goes by, eliminating the need to touch packets unless necessary. The result is a robust and scalable filtering solution supporting up to 30,000 users with a single appliance.

Easy to Install, Setup & Configure

As an appliance and OS-independent, 8e6's Ethernet-compatible R3000 can be integrated into any network quickly, easily and reliably. The user interface provides intuitive navigation for simple and efficient setup.

Instant Messaging (IM) and Peer-to-Peer (P2P) Blocking

Blocks users from accessing/sharing media files, software, viruses, etc. using unauthorized IM and P2P applications.

User Authentication

The R3000 makes use of your existing directory based authentication and is designed to validate identities of users on the network based on their user profiles.

The following authentication methods are supported in invisible, router or firewall mode:

- Windows Active Directory
- Windows NT
- Novell eDirectory
- ...and most other servers with LDAP support

The R3000S includes an SSL Accelerator card for increased Web-based authentication performance.

Comprehensive Human-Verified URL Database

Implementing high-speed artificial intelligence to collect Web sites on a 24/7 basis, 8e6 employs Internet Analysts and Content Verifiers to individually verify and categorize each site. Utilizing this methodology since 1995 has allowed 8e6 to build a database of 80 categories containing several million Web sites from which the R3000 can filter.

Customization

Users have the ability to create customized profiles based on 8e6's extensive database of 80 content categories, augmented by an organization's additions or deletions. In addition, customizable block pages can be generated and tailored to your organization's needs.

Robust and Stable OS Platform

The 8e6 R3000 is based on Red Hat Linux — a stable, fast and resource efficient OS that provides an excellent base for higher throughput. It is a solid baseline for improved global support, industry standard technology advancements such as GigE and technological acceptance within our target user base.

Time-based Filtering

This function provides control over permitting or denying a user access to Internet resources during specified times. It saves on productivity and bandwidth during peak usage hours, while providing flexibility to allow user access to selected/permitted sites during breaks, lunches or after hours.

User/Group Profiles

Administrators have the option to select different profiles for different individuals or groups. Based on the selected profile, users/ groups are given "allowed," "monitored" or "blocked" access.

Remote Administration

This feature allows setup and administrative screens to be accessed and managed remotely via a standard Web browser. This permits management of the R3000 to be integrated into a network's existing control panels.

Multi-level Administration

For easier management in multi-layer organizations, this feature allows administrators to assign IP ranges to multiple sub administrators, who can then log in and manage their group remotely, providing the advantage of a centrally installed Internet filter. This is ideal for school districts and departmental organizations.

Manage Internet Traffic

The 8e6 R3000 is capable of filtering by:

- URL and IP addresses
- HTTP, HTTPS
- FTP
- Newsgroups (NTTP)
- Search Engines
- Anonymizers
- TCP Port Blocking

Excellent Service & Support

Standard technical support is available to 8e6 customers 6am-5pm PST Mon-Fri through our highly experienced support staff. 24/7 support options are also available. Additional help, technical support and documentation are also available online.

8e6 DATABASE CATEGORIES

- Pornography
- Child Pornography
- R-Rated
- Explicit Art
- Obscene & Tasteless
- Alcohol
- Drugs
- Spyware/Phishing/Malicious Code
- Hacking
- Hate & Discrimination
- Militant/Extremist/Terrorist
- Cults
- Instant Messaging
- P2P/File Sharing
- Web-based Proxies/Anonymizers
- Art
- Banner Ads
- Books & Literature/Writings
- Chat
- Comics
- Community Organizations
- Criminal Skills
- Education
- Educational Games
- Employment
- Entertainment
- Fashion
- Financial
- Fitness
- Free Hosts
- Gambling
- Games
- General Business
- Government
- Health/Medical
- Holistic
- Humor
- Information Technology
- Internet Radio
- Internet Service Providers
- Legal
- Lifestyle
- Local Community
- Message Boards
- Military Appreciation
- Military-Official
- Movies & Television
- Music Appreciation
- News
- Online Classes
- Online Greeting Cards
- Outdoor Recreation
- Paranormal
- Personals/Dating
- Political Opinion
- Real Estate
- Recreation
- Reference
- Religion
- Religious Opinion
- School Cheating
- Search Engines
- Self Defense
- Self Help
- Shopping
- Social Opinion
- Sports
- Streaming Media
- Theater
- Tickets
- Tobacco
- Travel
- Unsavory/Dubious
- Vehicles
- Weapons
- Weather & Traffic
- Web-based E-mail
- Web-based Newsgroups
- Web-based Storage
- Web Logs (Blogs)