

8e6 Professional Edition

Enhanced with Real-Time Threat Management

Managing Internet Threats:

Improves Productivity

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

Reduces Liability

- Provide management with tools to enforce an organization's Acceptable Use Policy.
- Comply with filter-enforcing laws such as CIPA, HIPAA and Sarbanes-Oxley.
- Avoid damaging and costly legal liabilities due to exposure to inappropriate or offensive Web content.
- Secure confidential information against spyware, phishing agents and Peer-to-Peer transfers.

Preserves Network Resources

- Control access to bandwidth-intensive sites.
- Keep firewall, proxy or cache available for their core functions.



8e6 Professional Edition is the most comprehensive solution available to protect organizations from threats inside the network. Integrating best-in-class URL filtering, forensic Web usage reporting and real-time monitoring and mitigation of insider threats, the Professional Edition's award-winning performance delivers power, ease of use and unmatched scalability.

The Professional Edition suite includes:

- R3000 Internet Filter:** Offers high-performance, enterprise-level filtering optimized for speed and scalability. Filters URLs, anonymous proxies, spyware, botnets, Instant Messaging, Peer-to-Peer and other emerging threats utilizing the 8e6 100+ Category Database enhanced by Intelligent Footprint Technology.
- Enterprise Reporter:** Processes and displays Internet filtering logs without impacting filtering and network functions. Built on a dedicated MySQL database, it uses a graphical interactive data-mining interface to generate detailed or summarized reports.
- Threat Analysis Reporter:** Delivers up-to-the-minute graphical snapshots of Internet traffic and is supported by real-time management tools to identify and control user-generated Web threats.



Real-time Threat Dashboard

8e6 Professional Edition Key Advantages:

Dedicated and Scalable Appliance-based Solution: The 8e6 Professional Edition uses high-performance appliances specialized to only monitor, filter and report. Housed in rack-mountable 1U hardware, it features powerful configurations such as quad-core Xeon processors, hot swappable hard drives (RAID) and are designed to support as few as 1,500 to more than 30,000 workstations while maintaining consistent and dependable service.

Pass-by Technology: 8e6 solutions are installed outside the flow of network traffic in a "transparent mode," rather than "stop and check" mode, delivering zero network impact and fail-safe operation.

Single-source Provider: 8e6 "owns," designs, configures, supports and maintains every aspect of the solution. This includes the secured/hardened operating system; the Web monitoring, filtering and reporting applications; and the hardware platform. Unlike software-based solutions, 8e6 eliminates performance or incompatibility issues due to third-party integrations.

8e6 URL Database: 8e6 Technologies pioneered today's technology for developing and building URL databases. Built from the ground up utilizing the most advanced search tools and employing Internet analysts and content verifiers to review, analyze and categorize Web sites, the 8e6 database is regarded as the most complete and accurate ever compiled. In addition, Customer Feedback Modules (CFM) track and collect clients' most frequently visited, uncategorized sites for inclusion in the 8e6 database.

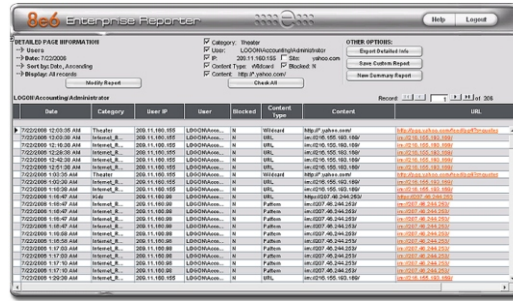
Best in Value, Lower Total Cost of Ownership:

Appliance-based solutions require no additional software or hardware purchase — one price covers the total solution. "Pass-by" deployment and single-source support add up to the most value and lowest cost of ownership available today.



Internet Content Filtering

- Filters the Internet:** Including URLs and/or IP addresses, file types (e.g. MP3, MPEG, .zip), HTTP, HTTPS, FTP, Newsgroups (NNTP), and TCP Ports.
- Blocks Internet Threats:** Including spyware, malicious code, phishing sites and botnets (IRC, command-and-control).
- Blocks Instant Messaging and Peer-to-Peer:** Utilizing 8e6's Intelligent Footprint Technology (IFT) to block IM and P2P servers by signature or pattern.
- Real-Time Probes:** Allow administrators to monitor user Internet activity as it occurs.
- "X-Strikes" Blocking:** Locks down a user's workstation when administrator-defined thresholds for accessing inappropriate Web sites are exceeded.
- Proxy-Pattern Blocking:** Blocks anonymous proxies using unique signature-based/pattern detection.
- SafeSearch Enforcement:** Forces the SafeSearch mode "on" for all searches, including images within search engines (Google, Yahoo, AOL and Ask).
- Customer Feedback Module:** Sends frequent, non-categorized URLs from participating customers back to 8e6 on a daily basis. Selected URLs are reviewed and added to 8e6's standard library categories.
- Synchronization Central Management Console (SCMC):** Allows administrators to synchronize and manage multiple R3000s without independently configuring each unit.
- Directory-based Authentication:** Utilizes directories such as Windows Active Directory, Windows NT and LDAP.
- Customizable User and Group Profiles:** Can be created using 8e6's extensive database of 100+ categories, encompassing tens of millions of URLs and IP addresses.



Enterprise Reporter Interface

- Report Memorization, Scheduling and Distribution:** Ensures specific data inquiries can be saved or "memorized" for immediate or future access. Custom reports can be scheduled, executed and automatically distributed via e-mail at a preferred frequency (e.g. daily, weekly, monthly).
- Archiving:** For large installations or networks that generate significant Web traffic, 8e6 offers attached storage solutions for collecting historical data for future inquiries.

Real-Time Threat Monitoring and Remediation

- Real-Time Threat Dashboard:** Offers up-to-the-minute graphical "gauge view" of online activity, displaying an organizational snapshot of multiple threat categories and "top offenders" based on predefined thresholds and policies. Gauges are easily customizable to monitor different groups and threats.
- Alert Notification:** Displays information regarding the user in violation. The 8e6 Alert Manager delivers automatic, predefined notifications via e-mail, SNMP, or as an alarm in the system tray.
- Real-Time Remediation:** Locks out policy violators or users engaging in potentially threatening activity. The lockdown mechanism activated manually or automatically can be set to varying levels of restriction, from category lockout to complete quarantine prohibiting network access.
- Bandwidth Reporting:** Provides real-time monitoring of inbound and outbound bandwidth activity by protocol, port and user.
- Trend Charting:** Displays historical trending of Web activity, based upon predefined categories, enabling optimization of threat gauge settings.

Historical Forensic Reporting

- Intuitive Graphical Dashboard Reports:** Quickly identify anomalous Internet activities through easy-to-read graphical reports, including the top blocked users, top categories, top sites, etc.
- Custom or "Canned" Reports:** Generate "canned" reports using pre-set templates for quick reference, then drill-down for more detail.
- Detailed Forensic Reporting:** Provides detailed drill-down reporting utilizing several unique criteria that help organizations build compelling forensic reports. "User intent" is gauged by documenting the full length URLs visited, as well as the "search string" used within a search engine text box.

SC MAGAZINE RATING	
Features	★★★★★
Ease of use	★★★★★
Performance	★★★★★
Documentation	★★★★★
Support	★★★★★
Value for money	★★★★★
OVERALL RATING	★★★★★
Strengths Flexible; good for large- and medium-sized organizations; solid documentation	
Weaknesses None that we could find.	
Verdict For its solid performance, flexibility and value we rate the R3000 and Enterprise Reporter our Best Buy.	

Recommended Products:

8e6 Mobile Client

A filtering software that works in conjunction with the R3000 Mobile solution to filter remote/off-site users. It works with PC and Mac laptops and offers centralized reporting with the 8e6 Enterprise Reporter.

8e6 ProxyBlocker

An appliance specifically designed to work in environments not utilizing an 8e6 filtering solution, it detects and blocks Web-based proxies/anonymizers on the fly using "Proxy-Pattern Detection."



8e6 Technologies is the leading independent provider of Web filtering and insider threat management solutions for mid-size to large enterprise, protecting millions of users worldwide. Recognized for its real-time analysis, reporting capabilities and unmatched forensics; 8e6 helps reduce security, legal and compliance risks. A Web filtering pioneer since 1995, the company maintains headquarters in Orange, California, and has a network of channel partners worldwide.

Corporate Office
 828 West Taft Avenue
 Orange, CA 92865, U.S.A.
 T: 714.282.6111 • F: 714.282.6116
 Toll Free: 1.888.786.7999
 www.8e6.com

Specifications are subject to change without notice.
 © Copyright 2008 8e6 Technologies. All rights reserved.
 8e6 is a registered trademark of 8e6 Technologies. All other product and company names mentioned herein are trademarks or registered trademarks of their respective companies. Printed in U.S.A.