



# THE BARRACUDA WEB FILTER ADVANTAGE

## #1 Web Filtering Solution

Barracuda Networks' investment and development of the Barracuda Web Filter has resulted in the world's best Web Filtering solution. Leading analyst firm IDC has named Barracuda Networks the unit volume leader in the content security appliance market, capturing 13 percent of the overall units sold worldwide. In a recent corporate profile (**Barracuda Sinks Its Teeth In; excerpt from IDC # 215333, December 2008**), IDC reports that Barracuda Networks has nearly twice the market share of any competitors.

## Value Proposition

### Protects your network

- Gateway malware protection
- Desktop spyware detection
- Integrated Spyware Removal Tool

### Enforces Internet Usage Policy

- URL content filtering
- Application filtering
- Powerful reporting

### Deploys Easily

- Plug-and-play deployment
- Integrated reporting engine
- Supports WCCP, inline or forward proxy deployments

### Affordable

- Single appliance with fully integrated functionality
- Appliance and subscriptions cost less than renewals of competing products
- No per user fees

## Key Features

- Best-of-breed gateway spyware and virus protection
- Detection of spyware infections on desktop clients
- Integrated tool for removal of spyware infections from desktop clients
- Comprehensive Content filtering based on domain, URL, category, expressions
- Application filtering for IM, P2P, streaming media, proxies, software updates
- File Type based filtering
- User, Group, IP and Time based policy management
- Integration with search engines to enforce safe search
- Single-sign-on user authentication
- Integrated reports

## Feature Insights

### Proactive Content Categorization

- Barracuda Networks' content categorization process employs several mechanisms including extensive human review, automatic crawlers and public and proprietary directories. Combining automation technologies along with human review enables a high level of comprehensiveness and accuracy with a low rate of false positives.
- The Barracuda Web Filter URL database has more than 99.9% accuracy with respect to the websites categorized. Unlike competitors who rely on anecdotal evidence, this is a metric that is measured and published daily by Barracuda Networks.
- Barracuda Central, the security team within Barracuda Networks, employs a dedicated team of Internet security experts who are continuously categorizing the latest web sites to ensure that Barracuda Web Filters are current and up to date.
- Barracuda Networks continually gathers feedback on uncategorized web-sites from devices installed worldwide. This completely transparent and automated process ensures that any web site that is not in the content database is reported to Barracuda Central in real-time and immediately categorized.

### Malware Protection

- The Barracuda Web Filter offers industry leading anti-malware capabilities. It was originally designed as a Spyware Firewall and has a very strong foundation in malware protection.
- Barracuda Central collects emails, URLs and other data from tens of thousands of collection points located in more than 80 countries. In addition, Barracuda Central collects data contributions from more than 80,000 Barracuda Networks customers and analyzes the data collected to develop defenses, rules and signatures to defend your network.
- The Barracuda Web Filter employs several layers of Malware protection ranging from file type and signature based detection to deep packet inspection techniques to ensure that malware does not cross the gateway into your network.

- Barracuda Networks successfully leverages its worldwide leadership position in Spam Firewall and Web Filtering appliances to gather information on the latest Spyware threats as they emerge. The Spyware signature databases on Barracuda Web Filters are constantly updated with defenses against these threats to provide zero-hour protection.

### **Outbound Spyware detection and removal**

- From inside the network, the Barracuda Web Filter identifies and blocks communications from infected systems to the Internet. Once an infected machine is identified, the Barracuda Web Filter intercepts Web browsing sessions and presents the user with the Barracuda Spyware Removal Tool in the form of an ActiveX control.

### **Application Filtering**

- P2P, IM and streaming media applications are bandwidth intensive and can also be used to spread malware. More effective than a standard HTTP proxy, the Barracuda Web Filter regulates Internet application usage for public IM clients, Internet music applications, software updaters, Skype and SkypeOut and popular browser toolbars.
- In addition, the Barracuda Web Filter also provides IP address and port based blocking. As always, all the functionality is integrated into the appliance with no additional software or clients and at no additional cost.

### **Anonymous Proxy Blocking**

- Barracuda Networks approach to security is to stop at the source. Barracuda Central maintains an extensive database of proxy sites that allow anonymous browsing to circumvent content filtering. The Barracuda Web Filter blocks access to these Web sites as part of its content filtering capabilities. In addition the Barracuda Web Filter also blocks anonymous proxy tools as part of its application filtering capabilities.
- The content and application proxy databases are built by a combination of techniques including human reviewed classification and automatic inspection to provide complete protection against anonymous proxies. The Barracuda Web Filter also provides other controls such as blocking IP based browsing for proactive measures against Anonymous proxies.

### **HTTPS Filtering**

- Unlike traditional content filtering techniques that depend on reading URL data, the Barracuda Web Filter can block encrypted SSL traffic at layer 3. Since secure content is not decrypted for inspection, this technique ensures that the Barracuda Web Filter does not expose any sensitive data to risk of theft or corruption.

### **Safe Search**

- The Barracuda Web Filter offers SafeSearch capabilities for Google, Yahoo, Dogpile, Bing and MSN through URL rewriting.

### **Terminal Services Integration**

- The Barracuda Web Filter provides several methods of integration with Citrix/Terminal services environments. The Barracuda Web Filter can seamlessly integrate with LDAP/Active Directory, NTLM and Kerberos authentication mechanisms to provide single-sign-on authentication in a variety of network environments.
- Terminal Services users have a choice of using LDAP/Active Directory with Virtual IP support or native Windows Authentication through NTLM or Kerberos integration. This will allow per-user/per-group policy management and reporting in both CITRIX and Windows Terminal Services environments.

### **Reporting and Monitoring**

- The Barracuda Web Filter offers nearly 50 distinct types of reports. Unlike solutions that require dedicated reporting clients or database servers, the Barracuda Web Filter reports are generated natively without the need for additional software management. The Barracuda Web Filter also records each Web traffic request processed in syslog messages that can be directed to a remote syslog server for further processing.
- Besides reports, the Barracuda Web Filter also provides real-time views of content and application filtering activity. The Barracuda Web Filter offers real time views of both Web and Application traffic. This can also be filtered for specific users or domains and exported to a CSV file for further processing or archiving.

### **Centralized Management**

- Centralized management and delegated administration features are available through Barracuda Control Center. Barracuda Control Center can be used to centrally manage multiple Barracuda Web Filters, delegate administrative privileges and aggregate reports.

### **Alerts**

- The Barracuda Web Filter will automatically send out email alerts when Infection activity crosses specified threshold. This allows Administrators to quickly identify infected machines and take corrective action. Administrators can also configure rules to monitor specific domains or URL Categories and schedule automatic delivery of reports on monitored activity.