

Blue Coat WebFilter

An organization's Internet users face a dizzying array of good, bad, inappropriate and even dangerous Web content. Users can unintentionally or intentionally violate acceptable use policy, waste bandwidth, or download all manner of spyware and malware. The potential for costly legal liabilities, help desk tickets, and security breaches are considerable.

Blue Coat provides a complete answer. Blue Coat SG™ appliances provide the world's fastest proxy platform with the most granular, powerful policy engine. Web content filtering runs up to 10 times faster on Blue Coat SG Appliances. Blue Coat WebFilter™ provides the most dynamic and effective Web filtering solution, optimized to leverage Blue Coat SG appliances.

Comprised of the most frequently accessed sites on the Web, the Blue Coat WebFilter database contains fifteen million website ratings representing billions of web pages, published in more than 50 languages, and organized into 61 useful categories.

WebFilter is backed up by Blue Coat's unique Dynamic Real-Time Rating (DRTR™) ecosystem. DRTR accurately categorizes up to 98% of unrated sites "on the fly" as a user attempts to access them to better enforce an organization's policy.

WebFilter is also the most relevant and efficient database. Only sites users actually visit get added to the database, ensuring resources are focused where actually needed. Conversely, no site mining or Web crawlers are used (except for hunting malware) to prevent useless URLs from bloating operation. High relevancy maximizes the usefulness and effectiveness of WebFilter's 15 million ratings.

Key Blue Coat WebFilter Strengths:

Coverage

- **94% average coverage rate of all requested sites in enterprise deployments**
- **98%+ coverage of objectionable sites**
- **#1 in filtering coverage according to Broadband-Testing June 2005 Report**

Accuracy

- **Allows multiple categories per site for more accurate and useful ratings and reduced false positives**
- **Fastest dispute resolution in industry (averages less than 1 day)**
- **#1 in filtering accuracy, Broadband-Testing February 2006 Report**

Dynamic Protection

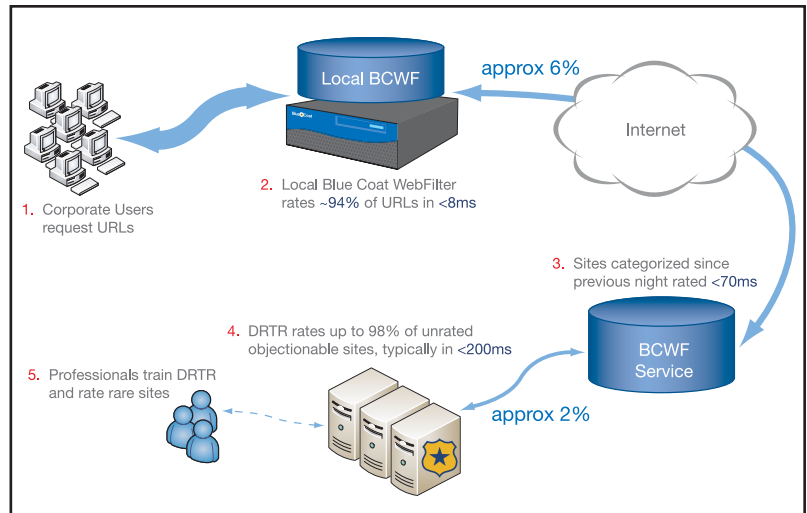
- **DRTR service rates new/unknown Web pages "on the fly"**
- **Rates up to 98% of URLs in an average of 200 ms**
- **Large ecosystem processes 50+ million rating requests per day**

Effectiveness and Security

- **Best coverage and accuracy ensure policies are enforced, productivity is preserved, and the newest spyware and phishing attacks are prevented.**
- **Dynamic Real Time Rating provides zero-day protection from new objectionable sites, spyware, etc.**
- **Powerful proxy policy allows additional non-URL-based prevention of new and unknown spyware, Bots, Trojans, Phishing attacks, etc.**
- **All benefits derive from easily deployed and easily maintained gateway proxy appliances**

Rates New Sites On-The-Fly

Hundreds of thousands of new Web pages are created each week. Blue Coat's efficient use of domain rating instantly covers many pages added under those domains. 94% of URLs requested by corporate users are already covered "on proxy" with ratings returned in less than 8 milliseconds. Optionally, WebFilter can be configured to instantly submit new/uncategorized URLs to Blue Coat's Dynamic Real-Time Rating ecosystem for rating on-the-fly. DRTR learning machines evaluate site language, links, and metrics to return a rating when confidence of accuracy is high. DRTR rates up to 98% of new URLs in about 200 milliseconds. Many objectionable sites are high risk for spyware, so DRTR enhances zero-day spyware prevention as well.



Blue Coat's unique ratings architecture (including DRTR) rates new Web pages on-the-fly, typically in less than 200 milliseconds, to ensure the highest coverage, accuracy and security.

Powerful Proxy + Powerful Web Filtering = Ultimate Web Security Solution

The Blue Coat SG and Blue Coat WebFilter enable organizations to accelerate, secure and control Web-based content. The Blue Coat solution allows organizations to effectively extend gateway URL filtering beyond traditional site blocking through the following capabilities:

Accelerate

- Accelerate Web traffic and eliminate latency with proxy caching
Reduce bandwidth usage an average 30-50%
- Run Web filtering up to 10X faster on proxy than off proxy
- Simplify installation, management and administration of URL filtering with an appliance solution
- Conserve more bandwidth by integrating content filtering with bandwidth shaping and throttling policy

Secure

- Prevent new/unknown spyware downloads from millions of high risk sites, yet allow users to see data on page
- Block the most widely used spyware installation techniques, regardless of URL, via policies that stop vulnerability exploits and prevent all unauthorized drive-by downloaders
- Stop phishing attacks in zero day with policy that prevents users from posting to sites with fraudulent SSL certificates, alerts about suspicious traits and coaches users to reduce risk
- Integrate Blue Coat AV appliances for up to 285 Mbps virus, worm, Trojan and spyware scanning
- View configurable dashboards, drill down on data, and review more than 150 comprehensive reports.

Control

- Control HTTP, HTTPS, FTP, Telnet, SOCKS, P2P, TCP-Tunnel, ICP, IM, Windows Media, Real Media, Quicktime, DNS, MAPI, CIFS with powerful protocol termination, application-layer visibility, policy enforcement, and reissue capability
- Define policies via point-and-click Visual Policy Manager (or command line) leveraging more than 500 trigger-action combinations.
- Control IM from Microsoft, AOL and Yahoo! to log, monitor for key words, disable attachments or deny based on user, group etc. Block any and all IM by type, user or group.
- Manage P2P and Skype usage by user and group
- Advise, Coach, Enforce by educating users with contextual splash pages, warnings and alerts to communicate the company's Internet access policy
- Enable authentication through existing security infrastructures including NTLM, LDAP, RADIUS and certificates. Multi-realm and forms-based support available.
- Implement Web access policies based on any combination of users, groups, time of day, location, network address, user agent, file type, header, protocol, bandwidth caps, and other attributes to meet unique business requirements
- Utilize the most common policy deployments. Refer to Blue Coat's TechBrief library at www.bluecoat.com/resources