



## Barracuda Purewire Web Security Service

### Cloud-based content filtering for distributed environments

Advances in social networking like Facebook, Web applications like Twitter, and commerce sites like Craigslist and eBay present new security challenges to protecting users while interacting online. Barracuda Networks brings security and trust back to these platforms. The Barracuda Purewire Web Security Service, a SaaS-based secure Web gateway, protects users from malware, phishing, identity theft, and other harmful activity online – in effect, providing a pure wire to the Internet. The service sits between an organization's network and the Internet to protect users as they conduct business-critical activities on the Web. Specifically, the Barracuda Purewire Web Security Service:

- Inspects outbound Web traffic for safety and compliance
- Analyzes Web site response traffic for malicious programs and untrustworthy users
- Provides global visibility through comprehensive and flexible reporting
- Protects users accessing the Web in the workplace, on laptops and via mobile devices

### Advanced Real-Time Threat Protection

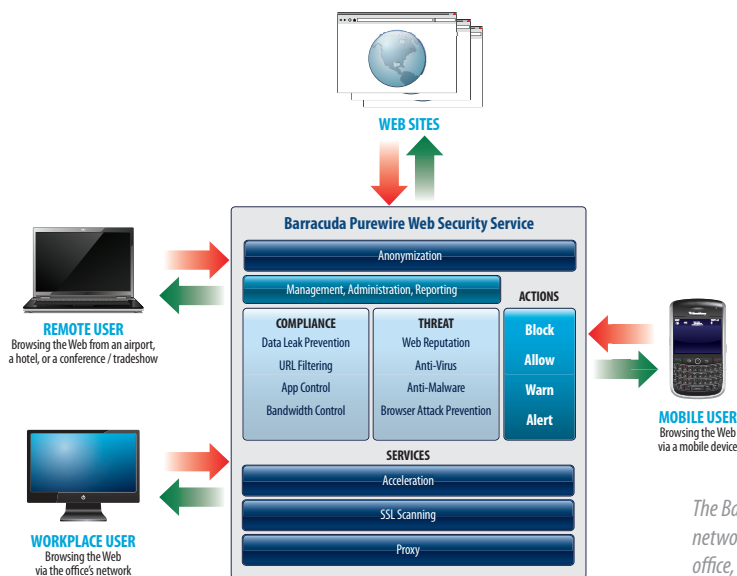
Barracuda Purewire Web Security Service integrates multiple layers of advanced threat protection to provide real-time defenses against a quickly evolving threat landscape. The service combines industry-leading anti-virus signatures that are updated continuously to provide a rapid response to new and known security threats. Using string scanning and advanced heuristic technology, unknown Web-based viruses and spyware are blocked before gaining access to the network. AJAX-aware analysis detects malicious Web applications and script-based attacks, while HTTP-focused behavior analysis and intrusion detection identify and block botnet communication, spyware and rogue anti-virus.

### Easy Administration, Flexible Deployment

Barracuda Purewire Web Security Service offers flexible deployment options to protect users online, no matter where they are or how they access the Web. Administrators manage and monitor the service using an intuitive Web-based interface that provides a blend of enterprise-ready features such as directory integration for group or user-based policies, as well as predefined security policies, and a comprehensive set of security, compliance and usage reports. The flexible deployment options range from simply configuring a Web browser to more advanced configurations using transparent proxy, remote agent software or virtual adapters.

### Comprehensive Compliance Enforcement and Reporting

The service enforces compliance across all users with centralized control of Web usage and global visibility of real-time, consolidated reporting. The URL database is enhanced with immediate reputation scoring and content analysis. In addition, the Barracuda Purewire Web Security Service offers content filtering based on file or content type as part of its data leak prevention capabilities. The service also provides application and bandwidth control to manage access to various Web applications, including non-browser based programs such as instant messaging, VoIP, P2P file sharing and streaming media applications.



*The Barracuda Purewire Web Security Service protects users and the network from threats whether the Web is accessed from a computer in the office, remotely from a laptop, or via a mobile device.*



BARRACUDA PUREWIRE WEB SECURITY SERVICE



## TECHNICAL SPECIFICATIONS

### Key Features

#### POLICY MANAGEMENT

- Rules apply globally or to users, groups, IP addresses
- Complex rules combining multiple restriction and exception types
- User-controlled rule execution order
- Customizable block pages and alerts
- Blocking override by password
- Coaching, or soft-blocking, to warn users
- Establish usage thresholds by schedule, bandwidth, requests or browsing time

#### URL AND CONTENT FILTERING

- Real-time page content analysis and reputation scoring
- 67 categories organized in 7 supercategories
- Whitelist and blacklist by domain
- File type/extension and Web content type filtering

#### APPLICATION CONTROL

- Control and reporting of over 50 Web-based applications
- Communications and instant messaging clients
- Peer-to-peer/file sharing software
- Streaming media
- Control of various browsers

#### WEB ACCELERATION

- Collaborative Caching in the service for shared savings across all customers
- Local object caching for local bandwidth savings

#### BARRACUDA WEB SECURITY AGENT

- Enforces Web traffic through Barracuda Purewire for policy enforcement and security protection
- Tamper-resistant to prevent user bypass or reconfigure
- Silent install for enterprise deployment
- Supports user- and group-based policies

#### DEPLOYMENT OPTIONS

- Software-less option via direct proxy or transparent forwarding
- Barracuda Purewire Adapter – hardware appliance for enterprise integration and caching
- Barracuda Purewire Virtual Adapter – virtualized adapter
- Barracuda Web Security Agent – enforced control and protection for laptops
- Barracuda Purewire for BlackBerry – integration with BlackBerry Enterprise Server
- Barracuda Purewire for ISA Server – plug-in for seamless integration with Microsoft ISA Server

#### REPORTING

- Comprehensive Web-based reporting across entire organization
- Graphical dashboard summary
- Customizable summary and detailed reports
- Immediate interactive reports or scheduled delivery
- User-based browsing time reports
- Real-time, interactive forensics log reporting
- Exportable to PDF, XML, CSV
- Drill-down reporting to navigate to more detail

#### VIRUS AND MALWARE PROTECTION

- Signature-based anti-virus detection
- Heuristic malware analysis
- Real-time script interpreting and AJAX analysis
- Monitors HTTP traffic for bot signatures
- Threat Intelligence detection of botnets, exploit kits and rogue anti-virus

#### ENTERPRISE INTEGRATION

- Integrated authentication and group look-up
- Transparent user identification
- Role-based administration
- Directory service integration with Active Directory and LDAP
- Automated or manual directory upload
- Multiple proxy configurations – direct/explicit or transparent
- ICAP, WCCP, policy-based routing