

## Unparalleled Anonymizer Defense

### The Only Multi-Layered Solution that Stops UltraSurf and Similar Sites

The iPrism Web Filter employs an unparalleled multi-layered approach that combines human-reviewed URL classification, deep packet inspection and unique proxy blocking to deliver the most effective anonymizer protection on the market.



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### iPrism Web Filter's powerful anonymizer defense surpasses all competitors:

- **Spoofed SSL:** iPrism detects and blocks anonymizer traffic that tries to spoof secure traffic. This can occur because HTTPS (SSL) traffic on Port 443 is strictly enforced by default.
- **Concealed Surfing:** Administrators always know where users are going on the Web because HTTPS traffic is reported using domain names, instead of IP addresses.
- **Dynamic Proxy Detection:** With iPrism's on-the-fly proxy detection administrators can run reports to show what anonymizers were blocked including proxy blocking of:
  - UltraSurf domain
  - The Google-web-accelerator domain
  - The http-proxy domain
- **Real-time Updates:** Proxy URLs are collected and message groups are monitored daily for new anonymizers. These results are distributed via iGuard URL database updates as prequalified websites.
- **Active Domain IP Address Mapping:** The ability to circumvent iPrism using IP addresses is blocked with this mapping feature. iPrism dynamically cross-references each IP address to its corresponding domain thwarting even the most sophisticated attempts to obscure Web surfing and access forbidden sites.

## Stronger Defense with Deep Packet Inspection

iPrism Web Filter employs artificial intelligence agents in the iPrism operating system to analyze patterns in the request URL. When the data forensics detects a suspicious pattern, it dynamically blocks access to the site. The iGuard team also actively identifies unique and consistent patterns to assist in dynamic real-time classification. iGuard's current pattern list provides excellent coverage for proxy packages such as PHPProxy and CGIProxy. Pattern updates are published in the critical hourly filter updates to all iPrism customers.

## iPrism's Unrivalled URL Blocking

iPrism's multilayered approach includes the powerful iGuard 100% human-reviewed database, which includes thousands of anonymizer sites that you can block through a simple category check. And because the iGuard database is continuously being updated, new anonymizer sites are identified and downloaded to your iPrism daily.

## What are Anonymizers?

Anonymizers are web-based proxy servers that forward client requests to other servers. Their popular appeal lies in the fact that they remove identifying information of the user before they take them to a site.

## The Threats Posed by Anonymizers

- In schools and libraries, anonymizers are the most popular tool students use to access top social Web destinations such as YouTube, MySpace and Facebook, typically blocked by school IT staffs
- CIPA violations resulting from anonymizer use by students can jeopardize a school qualifying for critical e-Rate funds
- In the workplace, anonymizers give employees access to offensive or illegal content by making end-runs around corporate network defenses. Even if these events are isolated, they can precipitate costly and public lawsuits if co-workers are exposed to content
- Violations of acceptable use and security policies can have serious legal and regulatory consequences for organizations that fail to protect their workers from inappropriate content or data theft
- Anonymizers create huge network security holes, hacker portals for data theft, spyware, viruses and worms
- Anonymizer sites and fringe sites that offer illegal or offensive content often covertly deliver malware. Even if the original computer user logs off, the machine can start delivering offensive popups to other users who log on to that computer.



## About EdgeWave

The EdgeWave portfolio of Web, Email and Data Protection Technologies deliver comprehensive secure content management to 6,500 customers worldwide. Our award-winning iPrism Web Security and EdgeWave Email Security (powered by Red Condor) products are now complemented by Email Archiving and Data Protection Solutions, delivered as hosted, on-premises, and hybrid services. EdgeWave solutions protect your organization's bottom line with unrivalled ease of deployment and the lowest TCO on the market.

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