

# M86 Web Filtering and Reporting Suite

## Internet Filtering, Reporting and Real-time Threat Monitoring

The M86 Web Filtering and Reporting Suite (M86 WFR Suite) provides organizations with comprehensive, powerful protection from Web security threats as well as policy control to ensure optimal productivity. This best-of-breed, appliance-based solution integrates Internet filtering, detailed forensic and executive reporting, and real-time monitoring of Web traffic and bandwidth use. It delivers reliability, unmatched scalability and ease-of-use in one affordable solution. Its Pass-by/SPAN port deployment options enable the solution to integrate with any network infrastructure easily—without causing downtime or bottlenecks.

### KEY BENEFITS

#### Improves Productivity

- Manages end-user access to the Internet, eliminating time wasted on social networking sites, streaming media, gaming, Instant Messaging (IM) and Peer-to-Peer (P2P) applications
- Enables IT administrators to focus on mission-critical projects instead of filtering or reporting issues
- Allows multi-location/delegated administration to streamline system and policy management

#### Reduces Liability

- Provides management with tools to enforce an organization's Acceptable Use Policy (AUP)
- Prevents legal liabilities resulting from exposure to inappropriate or offensive Web content
- Secures confidential information from spyware, phishing agents and P2P transfers

#### Preserves Network Resources

- Monitors bandwidth use in real time
- Controls access to bandwidth-intensive sites and applications by user and groups
- Maintains firewall, proxy or cache for core functions

### Deployment Options

M86 WFR Suite appliances can be deployed in-line or in pass-by/SPAN port mode. When installed outside the flow of network traffic in a "transparent mode", rather than "stop and check mode", the solution delivers zero network impact and fail-safe operation.

### M86 Web Filter Database

M86 pioneered today's technology for developing and building URL databases. The M86 Web Filter Database, regarded as the most complete and accurate ever compiled, was built from the ground up. Content verifiers from M86 Security Labs review, analyze and categorize Web sites using the most advanced technology.

Additionally, Customer Feedback Modules (CFM) track and collect clients' most frequently visited uncategorized sites for inclusion in the database.

### Best Value, Low Total Cost of Ownership

Appliance-based solutions require no additional software or hardware purchases, so one price covers the total solution. "Pass-by" deployment and single-source support enable M86 to offer the most value and lowest cost of ownership available today.

### Scalable Appliance Options

Companies can choose the solution that best meets their needs:

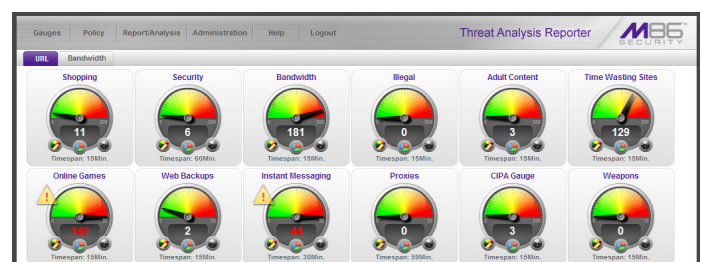
- Small to midsize organizations: An affordable, single, integrated M86 Web Filter and Reporter appliance housed in rack-mountable 1U hardware.
  - Supports up to 7,000 workstations
- Large organizations: One scalable, dedicated M86 Web Filter and a dedicated M86 Security Reporter appliance.
  - Supports up to 30,000 workstations

## MANAGING INTERNET THREATS

The M86 WFR Suite enables organizations to enforce employee Internet use policies, ensure regulatory compliance and proactively secure the network, reducing potential liabilities associated with Web misuse and security attacks. Offering reliable, scalable solutions for companies of all sizes, M86 provides cost-effective protection from Web threats.

### Single-source Provider

M86 "owns", designs, 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. By controlling the entire solution, M86 eliminates performance or incompatibility issues due to third-party integrations.



Real-time Threat Dashboard

## M86 WFR SUITE INCLUDES:

- **M86 Web Filter:** Optimized for speed, it filters URLs, IPs, anonymous Web proxies, spyware, botnets, IM, P2P, social media and other sources of emerging threats. Uses the M86 Web Filter Database, enhanced by Intelligent Footprint Technology.
- **M86 Security Reporter:** Processes and displays Internet filtering logs without impacting filtering and network functions. Built on a dedicated MySQL database, it provides customizable, at-a-glance dashboards and executive reports along with intuitive and extensive forensic, drill-down reporting to prove user intent.

It also delivers up-to-the-minute graphical snapshots of Internet traffic and bandwidth use, and is supported by real-time management tools to identify and control user-generated Web threats and bandwidth use.

## INTERNET CONTENT FILTERING

- **Internet Filtering:** Includes URLs and/or IP addresses, HTTP, HTTPS, FTP, Newsgroups (NNTP), and TCP Ports.
- **Internet Threat Blocking:** Includes spyware, malicious code, phishing sites and botnets (IRC, command-and-control).
- **Proxy-pattern Blocking:** Uses unique signature-based/pattern detection to block anonymous proxies.
- **“X-Strikes” Blocking:** Locks down a workstation when administrator-defined thresholds for Web access are exceeded.
- **SafeSearch Enforcement:** Forces the SafeSearch mode “on” for all searches, including images within search engines and enforces YouTube safety mode.
- **Application Control:** Uses signature detection to block more than 125 types of streaming media, gaming, P2P, remote desktop and IM applications. Helps organizations demonstrate compliance, mitigate security risks, prevent data loss and manage bandwidth more effectively.
- **Multi-tiered/Multi-layered Administration:** Administrators can define sub-administrator access control to their policy for specific AD/LDAP groups and users. Each sub-administrator can then create a unique filtering profile for their delegated users group(s)/IP range.
- **Detailed Internet Usage Control:** Provides the administrator the ability to block, warn and manage Internet usage.
- **Calendar-based Time Profiles:** Enables profiles to be set by day, day of the week or day of the month. Recurrences can be configured for daily, weekly, monthly and yearly settings.
- **Directory-based Authentication:** Includes Windows Active Directory, Windows NT, Novell eDirectory, SunOne, open LDAP and transparent MAC authentication.

## REAL-TIME MONITORING AND MITIGATION

- **Real-Time Threat Dashboard:** Offers 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 customizable to monitor different groups and threats.
- **Alert Notification:** Delivers automatic, predefined notifications via email, SNMP, or as an alarm in the system tray for excessive URL activity or bandwidth usage. Alerts display information regarding the user in violation.
- **Real-time Mitigation:** Locks out policy violators or users engaging in potentially threatening activity. Activated manually or automatically, the lock-out mechanism can be set to varying restriction levels, from category lockout to quarantine.
- **Bandwidth Monitoring and Reporting:** Provides real-time bandwidth monitoring of inbound and outbound activity by protocol, port and user.
- **Bandwidth Quotas:** Enables administrators to set up bandwidth quotas by protocols or ports. They can mitigate threats proactively based on excessive bandwidth usage.
- **Trend Charting:** Displays historical trending of Web activity and bandwidth usage based on predefined categories or protocols, enabling optimization of threat gauge settings.

## HISTORICAL FORENSIC REPORTING

- **Intuitive Graphical Dashboard Reports:** Identifies anomalous Internet activities quickly through easy-to-read graphical reports, including the top-blocked users, top categories, top sites, etc.
- **Custom or “Canned” Reports:** Uses pre-set templates for quick reference, then drill-down for more details:
  - **Executive Reports:** Provides powerful visibility into all Web-related activity.
  - **Detailed Forensic Reporting:** Provides detailed drill-down reporting using 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.
  - **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 email at a preferred frequency.
  - **Archiving:** For large installations or networks that generate significant Web traffic, attached storage solutions collect historical data for future inquiries.

## FILTERING FOR REMOTE PC AND MAC LAPTOPS

The M86 Mobile Client is an optional feature for the M86 WFR that secures off-site users from accessing inappropriate and malicious Web content. Simple to deploy, manage and maintain, it works with the M86 WFR to provide centralized, seamless and tamperproof filtering for remote users anywhere, anytime, regardless of Internet connection.

## M86 WFR APPLIANCE MODELS

### 300 Series Appliances



#### M86 Web Filter and Reporter 350

(M86 Web Filter and Security Reporter on one appliance)

Hardware Specifications WFR 350	
Chassis	1/2 width, 1U set-top
CPU	Dual Core - Turion 1GHz 8w 2100+ 800FSB 256K
Hard Disk	2x500GB 2.5" 7200RPM 16MB Cache SATA HDD
Memory	2x4GB DDR2-533 SO-DIMM
Storage	Cache SATA (250GB available for data storage)
Maximum Users	2,500

#### M86 Web Filter 300 (standalone)

Hardware Specifications WF 300	
Chassis	1/2 width, 1U set-top
CPU	Dual Core - Sempron 1GHz 8w 2100+ 800FSB 256K
Hard Disk	2x500GB 2.5" 7200RPM 16MB Cache SATA HDD
Memory	2x2GB DDR2-533 SO-DIMM
Storage	SATA 160GB
Maximum Users	2,500

#### M86 Security Reporter 300 (standalone)

Hardware Specifications SR 300	
Chassis	1/2 width, 1U set-top
CPU	Dual Core - Turion 1GHz 8w 2100+ 800FSB 256K
Hard Disk	2x500GB 2.5" 7200RPM 16MB Cache SATA HDD
Memory	2x2GB DDR2-533 SO-DIMM
Storage	SATA (250GB available for data storage)
Maximum Users	2,500

### 500 Series Appliances



#### M86 Web Filter and Reporter 550

(M86 Web Filter and Security Reporter on one appliance)

Hardware Specifications WFR 550	
Chassis	1U
CPU	Quad Core - i7-920 2.66GHz 4.8GT 8MB Cache i7
Hard Disk	4x500GB 7200RPM 32MB Cache
Memory	6x2GB DDR3-1066 Non ECC Unbuffered Memory DIMM
Storage	Cache ES2 SATA2 - SSL Ac- celerator card included. (750GB available for data storage)
Maximum Users	7,000

#### M86 Web Filter 500 (standalone)

Hardware Specifications WF 500	
Chassis	1U
CPU	Quad Core - i7-920 2.66GHz 4.8GT 8MB Cache i7
Hard Disk	2x500GB 7200RPM 32MB Cache
Memory	3x2GB DDR3-1066 Non ECC Unbuffered Memory DIMM
Storage	ES2 SATA2 (SSL Accelerator card included)
Maximum Users	20,000

#### M86 Security Reporter 500 (standalone)

Hardware Specifications SR 500	
Chassis	1U
CPU	Quad Core - i7-920 2.66GHz 4.8GT 8MB Cache i7
Hard Disk	4x500GB 7200RPM 32MB Cache
Memory	6x2GB DDR3-1066 Non ECC Unbuffered Memory DIMM
Storage	ES2 SATA2 (750GB available for data storage)
Maximum Users	7,000

## 700 Series Appliances



### M86 Web Filter 700 (standalone)

Hardware Specifications WF 700	
Chassis	1U
CPU	2x E5520 Quad Core 2.26GHz 5.86GT 8MB Cache
Hard Disk	2x500GB 7200RPM, 32MB Cache
Memory	6x2GB DDR3-1066 ECC-Regis- tered w/ Parity DIMM
Storage	Cache ES2 SATA2 (SSL Accelerator card included)
Maximum Users	30,000

### M86 Security Reporter 730 (standalone)

Hardware Specifications SR 730	
Chassis	1U
CPU	Quad Core - 2x E5520 Quad Core 2.26GHz 5.86GT 8MB Cache
Hard Disk	4x500GB 7200RPM 32MB Cache
Memory	6x2GB DDR3-1066 ECC- Registered w/ Parity DIMM
Storage	ES2 SATA2 HDD (Attached Storage Options)
Maximum Users	30,000

### M86 Security Reporter 700 (standalone)

Hardware Specifications SR 700	
Chassis	1U
CPU	Quad Core - 2x E5520 Quad Core 2.26Ghz 5.86GT 8MB Cache
Hard Disk	4x1TB 7200RPM 32MB Cache
Memory	6x2GB DDR3-1066 ECC-Regis- tered w/ Parity DIMM
Storage	ES2 SATA2 (1.5 TB available for data storage)
Maximum Users	30,000

## ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advanced threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand.

### TRY BEFORE YOU BUY

M86 Security offers free product trials and evaluations. Simply contact us or visit [www.m86security.com/downloads](http://www.m86security.com/downloads)



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