



Web Filtering and Reporting Suite 3.0

M86 Security is pleased to announce the release of Web Filtering and Reporting Suite software version 3.0. This software release requires an M86 WFR appliance running software version 2.0.10 or later, will upgrade the M86 Web Filter software version to 4.1, and replace the software for M86 Enterprise Reporter and M86 Threat Analysis Reporter with M86 Security Reporter software version 3.0.

NOTE: M86 Security recommends scheduling this upgrade during non-peak hours, since the software update requires a database migration and could take several hours to complete, depending on the amount of data currently stored in the database. Since this software update includes a kernel upgrade for the operating system, once applied, this update cannot be uninstalled and the server will automatically reboot itself.

WARNING: Once the software installation is in progress, **DO NOT** reboot the SR server. Contact technical support if the software update has been proceeding for a lengthier amount of time than anticipated.

NOTE: If using the synchronization feature in your environment, please note this software update cannot be installed on older hardware platforms: R3000 G, S and H models, and MSA and IR models sold until January 2008. Please contact your M86 account representative if you wish to upgrade your hardware in order to apply this software update.

FREQUENTLY ASKED QUESTIONS

Q. Which versions of Java are supported in this release?

A. This release supports Java 1.6.0_17 through 1.6.0_21. Versions 1.6.0_22 and higher are incompatible with this software upgrade.

Q. Which are the greatest feature differences between this latest 3.0 software release and the prior 2.0.10 software release?

A. WFR software release 3.0 includes Security Reporter (SR) 3.0 that consolidates the reporting side of the application (ER and TAR), and also provides the capability to use an M86 Secure Web Gateway (SWG) appliance with the SR for generating security reports. On the Web Filter side of the application, the Approved Content feature lets designated users access specific online YouTube videos that meet your approval.

Q. What type of content is included in security reports if using an SWG?

A. Log feeds from the SWG let you generate security reports showing blocked viruses, security policy violations, traffic analysis by content type, and security rules triggered. You can also generate a customized report for any of these options, including specific dates, break types, URLs, and user or IP criteria, and then export a PDF file of the generated report to designated email addresses.

(continued)

NEW FEATURES

Revised splash screen portal

The revised splash screen now uses two icons: one for Web Filter and one for Security Reporter. Clicking Security Reporter takes you to the Security Reporter login window that gives you access to the Report Manager user interface that includes features formerly found in the ER Web Client and TAR user interfaces, and a menu link to the System Configuration administrator console (formerly referred to as the ER Admin console).

- To access the splash screen portal, enter `https://` followed by the IP address of the WFR, appended by `:1443`.
- To independently access the Web Filter login window, enter `https://` followed by the IP address of the WFR appended by `:1443/login.jsp`.
- To independently access the login window of the reporting side of the Security Reporter, enter `https://` followed by the IP address of the WFR, appended by `:8443/SR/`.
- To independently access the administrator console side of the Security Reporter, enter `https://` followed by the IP address of the WFR, appended by `:8843`.

To accept the security certificate for your browser, see the new instructions at: <http://www.m86security.com/software/8e6/docs/ig/misc/sec-cert-wfr3.0.pdf>

Security vulnerability issues resolved

The Operating System kernel and Apache Tomcat have been upgraded to resolve security vulnerability issues.

WEB FILTER FEATURES

See pages 2 - 3 for Web Filter 4.1 software release features

SECURITY REPORTER FEATURES

See pages 3 - 13 for Security Reporter 3.0 software release features

(continued)

Web Filtering and Reporting Suite 3.0

FAQs, continued

Q. Does WFR 3.0 use different port numbers than the ones used in the WFR 2.0.10 software release?

A. The splash screen portal for accessing the WFR application is port 1443. The Web Filter still uses port 1443 appended by “/login.jsp”. To access the reporting functions in the Security Reporter, use port 8443 appended by “/SR/”. The SR’s administrator console, accessible via Administration > System Configuration, uses port 8843.

Q. Can I use more than one SWG to send logs to the SR?

A. For this software release, only one SWG can be added to the SR’s Device Registry to receive logs. However, multiple SWG policy servers can be set up to send logs to the SR, by entering the SR’s IP address in each SWG’s Log Properties.

IMPORTANT: If this SR being configured will be receiving logs from multiple SWG policy servers, please note that each policy server will be sending logs to the same directory in the SR. Additionally, in such a configuration (with multiple policy servers sending logs to one SR), a known issue exists in which SR reports may be inaccurate. M86 Security is planning to resolve this issue in the next software release. In the interim, M86 recommends backing up archive logs and textmaps from each policy server, and then re-importing this data after applying the software update that contains this fix.

Q. If the synchronization feature is used in our environment, do all WFRs and Web Filters need to be running the same software version?

A. In a synchronization environment, all WFRs and Web Filters must use the same software version. If this 3.0.00 software release is installed on the source WFR Web Filter, all target Web Filters must be upgraded to 4.1.00, which is the compatible software version for WFR 3.0.00. Due to hardware limitations in older Web Filter and IR models, if the 4.1.00 software upgrade is downloaded to that server, it cannot be applied. The server must be upgraded to a later model in order to apply the software update.

NEW WEB FILTER FEATURES

Approved Content gives users access to acceptable videos

The Policy section of the user interface now includes menu options for “Approved Content (incl. VuSafe)” under Global Group, IP, and LDAP branches of the tree for all profile types, including Time Profiles.

The Approved Content feature is primarily used by the education sector, giving instructors the ability to grant students access only to online videos they want them to view. Educators can choose from videos posted to YouTube or SchoolTube, or from VuSafe—an online content library to which they can post approved educational videos for students to watch in a secure environment. VuSafe removes all outside content on sites such as YouTube.com, eliminating access to inappropriate material. This free Web-based service requires no additional software or hardware setup.

To accommodate this feature, Approved Content Settings windows have been added to all node menus in the Policy tree. Approved Content Settings screens include the following objects that are used as follows:

- For the Global Group:
 - Checking the “Enable Approved Content (incl. VuSafe)” checkbox enables all profiles in the Policy tree to inherit passkeys entered in the Passkey list box.
- For all other profiles:
 - Radio buttons correspond to the following options: “Inherit Global Passkeys”, “Disable approved content for this profile”, and “Use specific passkey(s)”. Choosing the latter option lets you add/remove passkeys in/from the Passkey list box, and not inherit any passkeys set up for the Global Group Profile.
 - The default option is “Inherit Global Passkeys”.
 - If the Global Group Profile has the Approved Content feature disabled:
 - Any passkeys set up for the Global Group Profile will not be inherited. However, a profile can still use specific passkeys if “Use specific passkey(s)” is selected and the passkey(s) are entered in the Passkey list box.
 - If the Global Group profile has the Approved Content feature enabled:
 - Choosing the “Disable approved content for this profile” option in a profile indicates the profile will not use the Approved Content feature. Any passkeys that might previously have been entered and saved in the Passkey list box are retained but become greyed-out.
 - Choosing the “Use specific passkey(s)” option indicates the current profile will only use the passkeys set up in that profile and not any passkeys entered for the Global Group Profile.

For Real Time Probes, the new “Approved Content” selection is available when choosing the Category selection for running a probe. Real Time Probe reports display Approved Content information in the Category column of Real Time reports.

New HTTPS filtering setting for proxy environments

If using one or more proxy servers, the new HTTPS Proxy Setting frame lets you specify the IP address of each proxy server, and allow HTTPS traffic to pass without being overblocked.

(continued)

Web Filtering and Reporting Suite 3.0

Access Authenticator and AD Agent via links to Web pages

Labels and links for downloading the M86 Authenticator and M86 AD Agent have changed in the System > Authentication > Enable/Disable Authentication window:

- Links for “Download M86 Authenticator for Windows” and “Download M86 Authenticator for Apple” have been consolidated to a single link now named “Download M86 Authenticator Deployment Kit.” Clicking this link opens a Web page giving you access to links for downloading Authenticator installer files.
- The “Download M86 AD Agent Installer” link now points to a Web page giving you access to links for downloading AD Agent Installer files.

SECURITY REPORTER FEATURES

Security Reporter 3.0 replaces ER and TAR applications

The new Security Reporter application is comprised of the former Enterprise Reporter Web Client, Enterprise Reporter administrator console, and Threat Analysis Reporter applications.

Report Manager: Consolidated ER and TAR client user interface

The ER Web Client and TAR user interfaces have been consolidated into the Report Manager user interface, with additional menu options added if the M86 Secure Web Gateway (SWG) application is connected to the Security Reporter. Enhancements include:

- **Rebranded user interface** - The entire user interface has been relabeled “Security Reporter” from either Enterprise Reporter or Threat Analysis Reporter, as previously pertinent to the application. This logic also pertains to all reports generated by the Security Reporter.
 - The administrator console in which server settings are maintained (accessible via Administration > System Configuration) has also been rebranded “Security Reporter” and renamed “System Configuration” administrator console.
- **Consolidated menu** - Main menu headings are based on selections found in the Threat Analysis Reporter. The following main menu selections are available: Reports, Gauges, Policy, Administration, Help, and Logout.

New reporting options and other enhancements

- Reporting user interfaces have been streamlined across the board for consistency, and to be more flexible and intuitive.
- Historic bandwidth usage data is now included in productivity reports.
- Various selections of color schemes are now available for graphical reports.
- Greater security for the server can now be implemented via options for uploading a third party self-signed certificate.

Reporting for Web Filter and Secure Web Gateway

In addition to Web Filter logs, the new Security Reporter product also accepts Secure Web Gateway (SWG) Archive log feeds for generating reports.

- SWG runs on IBM hardware and provides Web security with its real-time code analysis engine and optional anti-virus modules; URL filtering, content caching and application control technologies; Data Leakage Prevention (DLP), and central management from the same Web-based console (including monitoring and controlling HTTP, FTP and SSL traffic).
- While the Web Filter supports the M86 library category list, SWG supports category lists for Websense, SurfControl, and IBM.
- SWG’s category lists are mapped to the M86 library category.
- Web Filter logs are used for generating “productivity reports.”
- SWG logs are used for generating “security reports.”
- The SR’s device registry allows the entry of only one designated SWG policy server in this software release.

(continued)

Web Filtering and Reporting Suite 3.0

Reports section features new reports, more intuitive UI

The Reports menu includes the following selections for global administrators (Admin users):

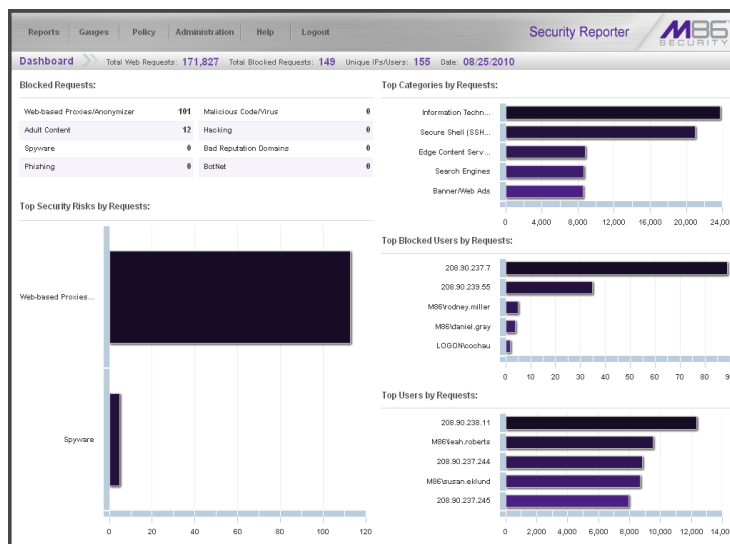
- Dashboard
- Summary Reports (renamed from “Executive Reports” in the previous software release of ER Web Client)
- Drill Down Reports (formerly from ER Web Client)
- Security Reports (generated from SWG feeds, unavailable for Web Filter only environments)
- URL Trend Charts (formerly from TAR)
- Bandwidth Trend Charts (formerly from TAR)
- Executive Internet Usage Summary (formerly from ER Web Client)
- Blocked Request Reports (formerly from ER Web Client)
- Time Usage Reports (formerly named “Wall Clock Time Report” in ER Web Client)
- Real-time Category Summary (formerly named “Custom Search” in TAR).

For group administrators (formerly called “Sub-Admin” users in ER Web Client):

- Except for Summary Reports (that require privileges to be granted in order to access this reporting feature), all other report options are now accessible, based on the type of log feed used (Web Filter or SWG).
- The former ER Web Client option at Settings > My Account is no longer available since account information is managed via Administration > Admin Profiles (formerly called “Add/Edit Admins” in TAR) in this application.

Dashboard shows productivity report statistics

This new screen shows productivity report statistics from the Web Filter for Blocked Requests, and bar graphs for Top Security Risks by Requests, Top Categories by Requests, Top Blocked Users by Requests, and Top Users by Requests.



Summary Reports, renamed from Executive Reports

This option, renamed from Executive Reports formerly in the ER Web Client, includes the same date scope choices and options for generating a canned report in the .pdf format.

- Report options for SWG include: Top 20 Users by Bandwidth Consumption, Top 20 Users by Virus Hit Count, and Top 20 Viruses Detected by anti-virus engine (e.g. Kaspersky).
- For SWG users, results that display in the Top 20 Users by Malware report reflect library contents mapped to the M86 library.

(continued)

Web Filtering and Reporting Suite 3.0

Reports, continued

Drill Down Reports: Consolidated steps for report generation

This option is similar to Drill Down Reports formerly in the ER Web Client, except the Single User Group reporting option has been removed.

Categories	Category Count	IP Count	User Count	Site Count	Bandwidth	Page Count	Object Count	Time HH:MM:SS
<input checked="" type="checkbox"/> Search Engines	27	27	17	0	0	5,411	88	0:48:4
<input checked="" type="checkbox"/> Yahoo IM	3	3	4	0	0	5,074	0	2:3:54
<input checked="" type="checkbox"/> Banner/Web Ads	11	11	40	0	0	520	2,274	0:21:49
<input checked="" type="checkbox"/> Information Technol...	27	27	90	0	0	446	442	0:36:17
<input checked="" type="checkbox"/> Web Based Storage	1	1	1	0	0	390	0	0:45:23
<input checked="" type="checkbox"/> Generic Streaming I	6	6	10	0	0	155	83	0:14:49
<input checked="" type="checkbox"/> Flash Video	3	3	20	0	0	145	0	0:2:49
<input checked="" type="checkbox"/> Edge Content Serve	11	11	3	0	0	120	240	0:4:26
<input checked="" type="checkbox"/> Online Communities	3	3	3	0	0	101	292	0:7:21
<input checked="" type="checkbox"/> General Business	9	9	22	0	0	70	155	0:5:57
<input checked="" type="checkbox"/> News	3	3	12	0	0	48	521	0:2:20
<input checked="" type="checkbox"/> Shopping	2	2	2	0	0	38	11	0:2:6
<input checked="" type="checkbox"/> Education	5	5	11	0	0	32	192	0:2:9
<input checked="" type="checkbox"/> Movies & Television	7	7	9	0	0	27	224	0:2:55
<input checked="" type="checkbox"/> Sports	2	2	6	0	0	25	187	0:1:59
<input checked="" type="checkbox"/> Portals	5	5	3	0	0	21	28	0:1:31
<input checked="" type="checkbox"/> Comics	1	1	1	0	0	19	6	0:1:3
<input checked="" type="checkbox"/> Image Servers & Im	7	7	6	0	0	18	90	0:1:28
<input checked="" type="checkbox"/> Web Logs/Personal	6	6	12	0	0	13	58	0:1:31
<input checked="" type="checkbox"/> Employment	2	2	1	0	0	12	22	0:0:35
<input checked="" type="checkbox"/> Peer-to-peer/File Sh	2	2	3	0	0	9	0	0:0:49
<input checked="" type="checkbox"/> Reference	4	4	4	0	0	9	18	0:0:35

- You can quickly change the report view that displays in the target panel by clicking a button at the top of the panel corresponding to the Report Type of your choice: Categories, IPs, Users, Sites, Category Groups, User Groups. Due to this new functionality, the New Report button no longer displays.
- Count columns display clickable totals that let you drill down to create a break type report view; thus break type columns no longer display.
- The new Bandwidth column displays between Site Count and Page Count, showing the amount of bandwidth utilized by the user.
- The following function buttons now display at the bottom of the screen instead of at the top of the screen: Modify, Save, Export, Limit Detail Result (Set Result Limit). The options for Check All and Uncheck All now display as buttons instead of checkboxes.
- Go to page # of x total pages field is similar to the Record navigator field and lets you make an entry in this field to go to a specific page.
- When creating a detail report view, the New Report and Check All/Uncheck All buttons no longer display. The latter option is managed via the new Column visibility button that launches a pop-up box in which you indicate which columns you wish to display.
- When creating a break type report view or a detail report view, you can return to a previous drill down report view by going to the navigation path and clicking the label for the specified report view.
- The report view will always display sorted data in descending order and can no longer be modified to display data in ascending order; thus, the sort order function has been removed from the Modify Report pop-up box.
- When modifying a summary report view:
 - You can now specify a different report view to be generated.
 - A different date scope can now be specified.
 - Top 'X' Count option is no longer available since these drill down reports are now automatically sorted by the top records for the selected count type.

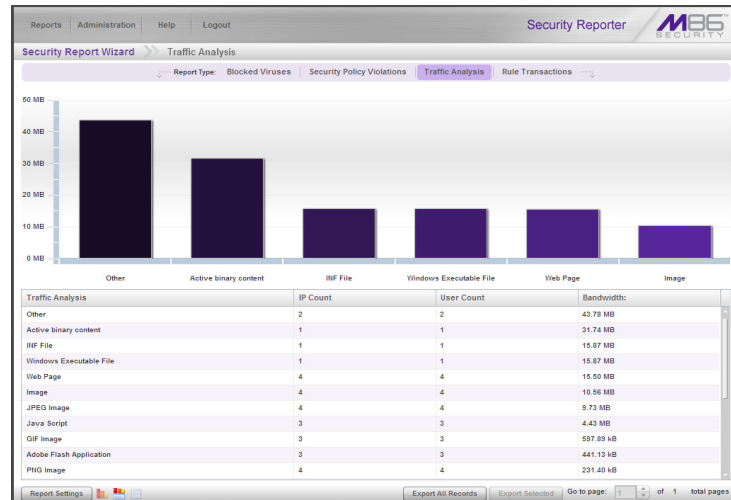
(continued)

Web Filtering and Reporting Suite 3.0

Reports, continued

Security Reports use SWG feeds for customizable reports

This new menu item for SWG lets you choose the report type to generate: Blocked Viruses; Security Policy Violations; Traffic Analysis; Rule Transactions; and Report Wizard.



For a specified report type:

- The report view shows a bar graph depicting the Item Count for each record, sorted in descending order by the total Count column or Bandwidth column from the report view. The following columns display for these report types:
 - **Blocked Viruses** report view includes columns for record name, IP Count, User Count, Count.
 - **Security Policy Violations** report view includes columns for record name, IP Count, User Count, Count.
 - **Traffic Analysis** report view includes columns for record name, IP Count, User Count, Bandwidth.
 - **Rule Transactions** report view includes columns for Rules, Actions, Policies, IP Count, User Count, Count.
- Selecting a specific report type generates the report view. This report view can be changed by clicking a button for a different Report Type.
- At the bottom of the screen are buttons (Report Settings, Export All Records, Export Selected) that let you export or save the report view, or schedule the report to run.
- Go to page # of x total pages record navigator displays at the bottom of the report.
- The sort order cannot be changed.

The Report Wizard option lets you specify criteria for the report to be generated or scheduled.

Executive Internet Usage Summary: Redesigned, enhanced

The screen for Executive Internet Usage Summary reports, accessible via the Custom Reports menu in the ER Web Client, has been streamlined and redesigned to conform to the standards in the rest of the user interface.

- Reports frame is used for specifying the creation of a new report or modification of an existing report.
- Report Details frame is used for setting up the Report Name, email criteria, E-Mail Recipients, Category Groups, and User Groups.

(continued)

Web Filtering and Reporting Suite 3.0

Reports, continued

Blocked Request Reports

This report wizard, formerly accessible via the Custom Reports menu in the ER Web Client, has been enhanced to conform to the new design standards in the user interface.

- Criteria section is used for selecting the report type and specifying the Date Scope.
- If selecting the report option for a specific user group, user, or IP, use the activated frame below to include user information.

Time Usage Reports, renamed from Wall Clock Time Reports

Renamed from "Wall Clock Time Report" (formerly in the ER Web Client, accessible via Custom Reports > Wall Clock Time Report), Time Usage Reports is similar in design and navigation as the newly designed Blocked Request Reports. As with Blocked Request Reports, this report feature must be enabled in the administrator console (Database > Optional Features) in order to be accessible via the SR user interface.

Real-time Category Summary, renamed from Custom Search

Renamed from "Custom Search" (formerly in TAR, accessible via Report/Analysis > Custom Search), this tool that lets you view current rankings of end user activity for specified library categories and/or ports still functions the same way as in the previous software release.

Report Wizard, renamed from Custom Report Wizard

Renamed from "Custom Report Wizard" (formerly in the ER Web Client, accessible via Custom Reports > Custom Report Wizard), the Report Wizard has been enhanced to conform to the new user interface design and also to streamline the process of designing a customized report. (NOTE: There is another Report Wizard that can be found at Reports > Security Reports > Report Wizard if using an SWG. This is a separate Report Wizard that was designed exclusively for Security Reports.)

- Reporting options and selections formerly on the first and second screens of the wizard now display on one screen.
- For the next step, if you choose to save the report, the second screen of the wizard displays the following tabs:
 - Basic Options - Specify the report name and email options.
 - Advanced Options - If necessary, specify break type criteria for the report.
- If the report is saved and scheduled to be run at a specified time, the new report's criteria is entered in the new Schedule Report screen instead of in the Add Event to Schedule pop-up box formerly used in the ER Web Client user interface.

Saved Reports

A saved report is now accessible via Reports > Saved Reports instead of Custom Reports > Saved Custom Reports, as in the ER Web Client UI.

- When accessing Saved Reports, instead of viewing criteria from the first report alphabetically saved in the database, the entire list of report names in the database displays on the screen.
- Choosing a report from the list activates the Run, Duplicate, Delete, and Edit buttons.
 - Selecting Duplicate or Edit displays the Saved Reports screen with its Basic Options and Advanced Options tabs where edits are made and saved.

(continued)

Web Filtering and Reporting Suite 3.0

Reports, continued

Report Schedule, renamed from Event Schedule

The Report Schedule option (formerly accessible via the ER Web Client's Custom Reports > Event Schedules), displays the names of saved, scheduled reports, but no longer lists the Creator user ID column, since only the reports you previously scheduled to run display in this list.

- When adding a report to the schedule or choosing to edit a report in the schedule, after selecting the report name from the list, a frame displays at the right of the screen. This frame contains the same report criteria options previously found in the Update Scheduled Event pop-up box. This frame makes it easier to schedule or update scheduled reports.

Sample Reports, collectively at a glance

The list of available sample, canned reports in the .pdf format is now available by clicking the .pdf icon for the report of your choice on the Sample Reports screen. Formerly, these sample reports were accessible via a selection made from the ER Web Client's Custom Reports > Sample Custom Reports menu.

Administration section includes menu items from ER, TAR

The Administration section includes the following selections for global (Admin account) administrators:

- User Profiles (formerly from TAR)
- User Groups (formerly from TAR)
- Admin Profiles (formerly named Add/Edit Admins in TAR)
- Admin Groups (formerly from TAR)
- Activity View (formerly named Admin Trails in TAR)
- Server Information (data formerly accessible via Settings > Server Statistics in the ER Web Client; not accessible by group administrators)
- Database Processes List (formerly from ER Web Client, available via Settings > Process List; not accessible by group administrators)
- Custom Category Groups (new feature, a combination of former ER Web Client's Settings > Category Descriptions and Category Groupings options)
- Device Registry (formerly from TAR)
- Default Report Settings (formerly accessible via ER Web Client's Settings > Default Options; not accessible by group administrators)
- HTTPS Configuration (new feature, replaces the function of TAR's Generate SSL Certificate button in Device Registry; not accessible by group admins)
- Reset to Factory Defaults (formerly a function in Backup/Restore in TAR; not accessible by group administrators)
- System Configuration (formerly accessible via Report/Analysis > Enterprise Reporter > Admin GUI in TAR)
- Web Filter

As in the previous version of ER Web Client, at minimum, group administrators (formerly called "Sub-Admin" accounts in ER Web Client) do not have access to the following menu options in this software release: Server Information, Database Processes List, Default Report Settings, HTTPS Configuration, and Reset to Factory Defaults.

(continued)

Administration, continued

User Groups exclusion option added

This feature (formerly from ER Web Client) now lets you exclude a specific user via the new exclusions option.

- When creating a new user group, enable the Single Users / Exclude checkbox (formerly named "Single Users") to activate the Single Users / Exclude frame in which you specify users to exclude.
- The Exclude button has been added to the Available Users list box at the top of this frame.
- The Exclude tab has been added to the Assigned users list box at the bottom of this frame.
- The Exclusions accordion, added to the Group Members frame at the right side of the main panel, shows any users excluded from the user group.
- The Rebuild All button has been added in the User Groups frame.

Admin Profiles, renamed from Add/Edit Admins

This feature (formerly named Add/Edit Admins in TAR) has been enhanced to include:

- Modifications: Full Name field (formerly labeled "Employee Name"), SR Login field (formerly labeled "TAR Login"), removal of Home Phone field.
- New fields:
 - Graph Colors - Choose from available chart color selections.
 - Username Format - Choose from available username formats to use: Domain\Username, Username\Domain, Username, Domain.

Admin Groups: New and modified permission options

Formerly from TAR, this feature includes a new list of options to select for administrator privileges:

- Admins - This option controls whether an administrator can create additional administrator profiles with lesser or equal permissions.
- System Administration - Formerly labeled "Enterprise Reporter," this option controls whether an administrator can access the Device Registry and administrator console.
- Alerts - This option gives the administrator access to Alerts; access to a Web Filter is required.
- Web Filter - Choosing this option controls the administrator's ability to see the Web Filter single-sign-on link.
- Summary Reports - This option grants the administrator access to Summary Reports (formerly named "Executive Reports").

The following options no longer display in the menu, since they now overlap with the selections listed above:

- Admin Groups, Backup/Restore, Bandwidth Gauges, Device Registry, URL Gauges, User Groups, User Profiles.

Activity View, renamed from Admin Trails in TAR

This feature, formerly named "Admin Trails" in TAR, functions the same as previously, with the Backup Admin and Restore Admin menu selections removed.

(continued)

Web Filtering and Reporting Suite 3.0

Administration, continued

Server Information, renamed from ER Server Information

This feature, formerly accessible via Settings > Server Statistics in the ER Web Client, no longer separates live data from archive data, since all data is now considered live data.

- Data expiration is automatically calculated based on the storage capacity of the server and number of end user hits during an eight week period, with the oldest week of data (from Sunday through Saturday) expiring first.
- The evaluation mode period, which consists of two or three weeks of data before it expires, is based on the day of the week when the WFR server was installed.
- The mode for an activated server (a server no longer in evaluation mode) is now called “registered.”
- Date Scopes only includes the Overall Date Scope; Indexed Date Scope and Objects Date Scope no longer display.
- Server Activity has been renamed from ER Activity, and functions as previously for generating charts showing end user hits for a specified number of days, weeks, or months.
- Expiration Info now includes a colored activity bar under Data Space Utilization showing the percentage of disk space Used, Free, and Total
- % to be live data no longer displays.

Database Processes List, renamed from Process List

This feature, formerly from ER Web Client, available via Settings > Process List, functions the same as previously. The “Kill” button has been renamed “Terminate.”

Custom Category Groups: New option

This new feature, a combination of former ER Web Client’s Settings > Category Descriptions and Category Groupings options, lets you create a URL or bandwidth category group based on available library category selections for a URL category group, or by specifying port numbers for a bandwidth category group.

Device Registry accommodates SWG, LDAP servers

This feature, formerly from TAR, has expanded to accommodate an SWG server and lets you import user groups from multiple LDAP servers.

- Click New Policy Server to add an SWG server to the Device Registry. Even though multiple SWG servers may exist in an environment, for this software release only one SWG server can be used for sending logs to the SR.
- For SWG only environments, an additional SWG cannot be added, and the Sync All Devices button does not display at the bottom of the screen.
- The New LDAP Server button at the bottom of the screen lets you add multiple LDAP servers from an SWG environment and import user criteria on demand from each of them.
 - The LDAP server importation feature was previously only available in the ER administrator console via Database > User Group Import.

Default Report Settings, renamed from Default Options

This feature, formerly named Default Report Settings (accessible via ER Web Client’s Settings > Default Options), functions in the same manner as in the previous software release.

(continued)

Web Filtering and Reporting Suite 3.0

Administration, continued

HTTPS Configuration: New SSL certificate generating options

This new feature replaces the function of TAR's Generate SSL Certificate button in the Device Registry. The following tabs are available:

- **Self-Signed** - On this tab, in order to generate the certificate, choose the default values or specify DNS, organization, and location criteria.
- **Trusted** - On this tab, options include specifying criteria to generate a CSR, uploading an SSL Certificate, downloading a CSR, or deleting a CSR.
- **Download/Delete** - On this tab, you have the option to either download or delete an SSL Certificate previously uploaded to the server.

Reset to Factory Defaults

This feature, formerly a function from Backup/Restore in TAR, deletes all configuration settings and data currently stored on the SR.

- When executing this function, the current software update level is now retained on the server, and if activated, the SR returns to evaluation mode.

Wizard installation includes SWG Setup section

The SR wizard installation setup function, accessible via Administration > Reset to Factory Defaults, now includes the SWG Setup frame.

- If using an SWG, you can enter the Password and Description of the SWG unit; this information will display in the Device Registry.

System Configuration

The link labeled System Configuration accesses the administrator console and was previously found in TAR by navigating to Report/Analysis > Enterprise Reporter > Admin GUI.

- The System Configuration administrator console portion of the SR has been relabeled "Security Reporter" from "Enterprise Reporter."
- The Network > Administrators function has been removed since this function is now solely managed in Administration > Admin Profiles.

The following menu options are available:

- Network: Box Mode.
- Server: Backup, Self-Monitoring, SMTP Server Setting, Server Status, Secure Access, Software Update, Shut Down (for the Software side of the application only), Report Manager (renamed from Web Client Server Management).
- Database: IP.ID, Elapsed Time, Page Definition, Tools, Expiration, Optional Features, User Group Import.

Username Display Setting (formerly accessible via the Database menu) is no longer available since the username format for user groups is now specified in Administration > Admin Profiles in the Report Manager.

Locked-out Accounts and IPs screen modification

The Locked-out Web Client Accounts frame no longer displays since the account profile structure has been modified and is managed in the Report Manager user interface.

Regional Setting modification

Changing the Language setting no longer restarts the Report Manager (Web Client server).

(continued)

Web Filtering and Reporting Suite 3.0

System Configuration, continued

Tools screen includes new log options

The Database > Tools screen now includes the following Database Status log options:

- Partitioner - This new log displays results of server partitioning for database expiration
- Vsimporter (for SWG) - This new option displays results of SWG logs

Other modifications:

- dB Expiration and dB Expire Summary are no longer available options, due to changes made for expiring data automatically based on the storage capacity of the server and number of end user hits during an eight-week period.
- Technical Support Report Package can now be generated via the Generate button on this screen. This tool is used for creating a diagnostic report to be submitted to M86 technical support as necessary when troubleshooting the unit.

Expiration screen reflects expiration logic enhancements

The Database > Expiration screen now includes the following information due to enhancements that allow the server to store data based on total storage capacity and end user hits during an eight-week period, instead of allocating storage space for “live” data and “archive” data and expiring data by a set date:

- Date scope for total data
- Database disk space utilization
- Last 8 weeks hits/day average
- Estimated total week(s) of data - This is a new field
- Estimated number of week(s) until next expiration

The following information has been removed due to the elimination of the logic previously used for “live” and “archive” data storage:

- Total number of week(s) stored
- Current live data (yearweekno/date scope)
- Total number of live week(s)
- Current archive data (yearweekno/date scope)
- Total number of archive week(s)
- Target percentage of live data
- Estimated total week(s) of live data
- Estimated total week(s) of archive data
- Change Settings:
 - Hits/day
 - Percentage of live data
 - Estimated total week(s) of live data
 - Estimated total week(s) of archive data

Optional Features modifications

The following options are available for configuring on the Optional Features screen:

- String Search Reporting
- Block Request Count
- Blocked Searched Keywords Report
- Time Usage (renamed from Wall Clock Time)
- Object Count
- Password Security Options

(continued)

Web Filtering and Reporting Suite 3.0

ABOUT M86 SECURITY

M86 Security is a global provider of Web and messaging security products, delivering comprehensive protection to more than 20,000 customers and 16 million users worldwide. As one of the largest independent Internet security companies, we have the expertise, product breadth and technology to protect organizations from both current and emerging threats. Our appliance, software and cloud-based solutions leverage real-time threat data to proactively secure customers' networks from malware and spam; protect their sensitive information, and maintain employee productivity. The company is based in Orange, California with international headquarters in London and offices worldwide. For more information about M86 Security, please visit www.m86security.com.

LCD panel and Quick Start installation modifications

- The LCD panel's option for "TAR GUI Wizard User" has been renamed "Configure Setup Wizard User" in order to be consistent with the Quick Start setup procedure's menu option for the same function. The options for "Change User" and "Change Password" pertain to resetting the username and password for accessing the SR Wizard.
- The new LCD panel option "Reset Admin Account" replaces the former two options for "Reset WF Admin Console Password" and "Reset ER Admin Console Password." If selected, this new option resets the administrator account username and password to the default settings, and unlocks all currently locked end user IP addresses. The default username for both the Web Filter and Security Reporter user interfaces is 'admin', and the default password for the Web Filter is 'user3' and 'reporter1!' for the Security Reporter (previously the password was 'reporter').
- When changing the time zone, a message now displays requiring you to reboot the system in order for your changes to be effective.

Resolved Known Issues

- Go to <http://www.m86security.com/software/8e6/ts/r3000-rki.html> to view the resolved known issues for this Web Filter 4.1 software release.
- Go to <http://www.m86security.com/software/8e6/ts/sr-rki.html> to view the resolved known issues for this Security Reporter 3.0 software release.

TRY BEFORE YOU BUY

M86 Security offers free product trials and evaluations. Simply contact us or visit www.m86security.com/downloads



Corporate Headquarters
828 West Taft Avenue
Orange, CA 92865
United States

Phone: +1 (714) 282-6111
Fax: +1 (714) 282-6116

International Headquarters
Renaissance 2200
Basing View, Basingstoke
Hampshire RG21 4EQ
United Kingdom
Phone: +44 (0) 1256 848080
Fax: +44 (0) 1256 848060

Asia-Pacific
Millennium Centre, Bldg C, Level 1
600 Great South Road
Ellerslie, Auckland, 1051
New Zealand
Phone: +64 (0) 9 984 5700
Fax: +64 (0) 9 984 5720

Version 4.21.11

© Copyright 2011. M86 Security. All rights reserved

All text and figures included in this publication are the exclusive property of M86 Security. This document may not, in whole or in part, be copied, published or reproduced without prior written consent from M86 Security. Every effort has been made to ensure the accuracy of the content contained in this document. Such content is provided "as is" without warranty of any kind. M86 Security disclaims all warranties and conditions with regard to this content, including all expressed or implied warranties and conditions of merchantability, and fitness for a particular purpose. The company shall not under any circumstance be liable for any errors or damages of any kind (including but not limited to compensatory, special, indirect or consequential damages) in connection with the document's contents. Any information in this document is subject to change without notice.

M86 Security, the M86 Security logo and M86-branded products are registered trademarks under license by M86 Security. All other product and company names mentioned herein are trademarks or registered trademarks of their respective companies. All rights reserved.