fastvue

Web Reporting. Solved.

Fastvue Reporter intelligently interprets SonicWall log files to deliver *useful* web activity reports to HR, Department Managers, Teachers and IT!

SONICWALL®

netthreat

Turn SonicWall into a Reporting and Alerting Powerhouse!

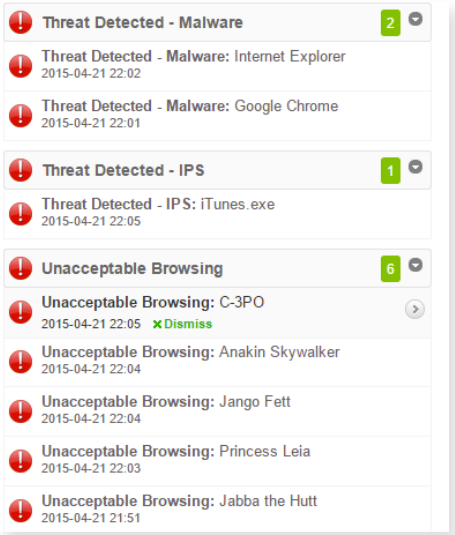
You don't need to become a log analysis expert. That's our job. We've created dedicated, streamlined reporting applications for the major web gateways and firewalls. All you need to do is read the reports!

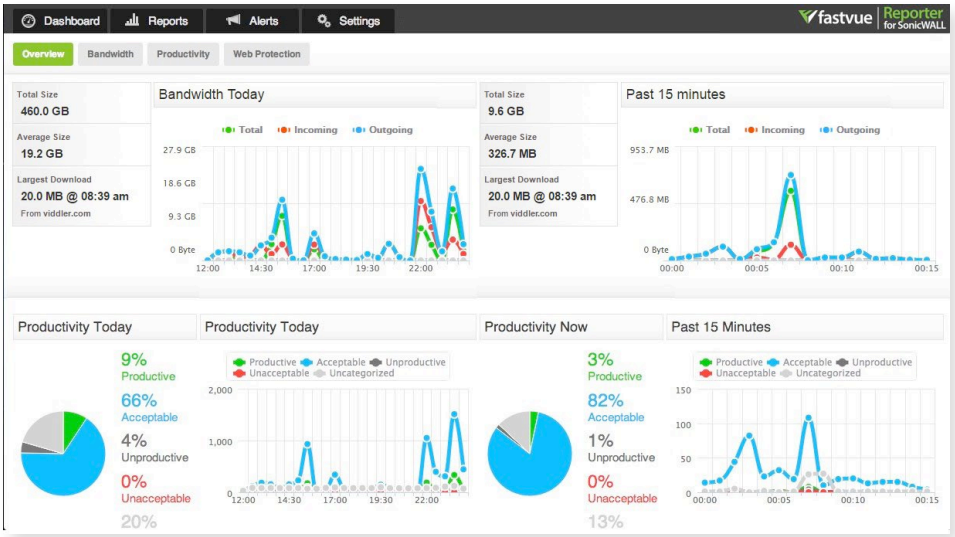
Real-time Alerts

- People accessing unacceptable or extremist material.
- Search terms and URL keywords.
- Large downloads.
- Viruses, threats and more.

Awesome Reports

- Simple, interactive web usage reports non-technical people can understand.
- Seamless Active Directory integration for user or group reporting.
- Report scheduling and distribution.
- Automatic removal of background sites such as google-analytics.com.
- Substitution of CDNs such as akamaihd.net with the real site visited.





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fastvue Reporter for SonicWall

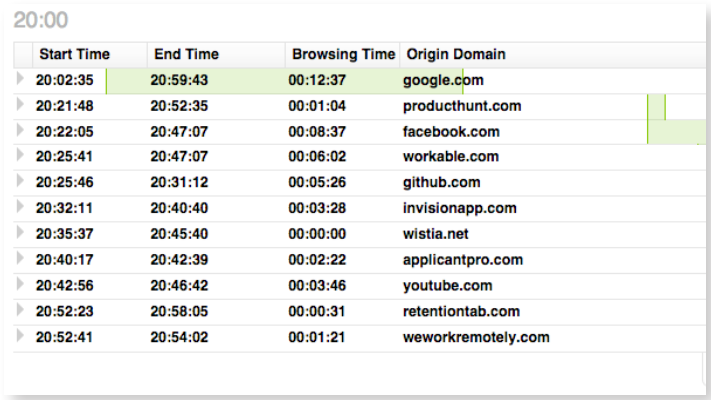
Powerful Reporting : Zero Learning Curve

Who said enterprise software should be hard to deploy and use? Simply install Fastvue Reporter, pull in the data, and you're ready to enjoy these powerful and incredibly easy to use features:

Overview Reports & Detailed Investigations

Fastvue's Overview Reports highlight the information you need to know such as productivity, bandwidth or network issues.

Need more detail? Fastvue's innovative Activity Reports include timestamps and full URLs intuitively grouped into browsing sessions, with green bars showing exactly when browsing started and stopped.



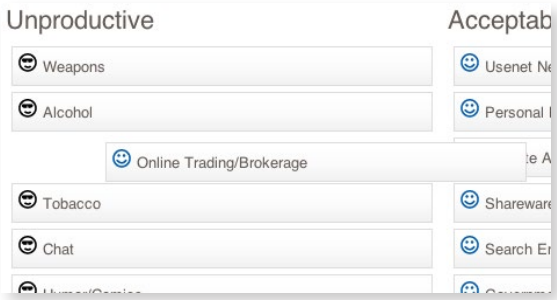
Intelligent Alerts

Send instant alerts to the right people including searches for extremist or violent content, enormous downloads, unacceptable web activity and network threats. All the detail they need, sent straight to their inbox!

Productivity Reporting

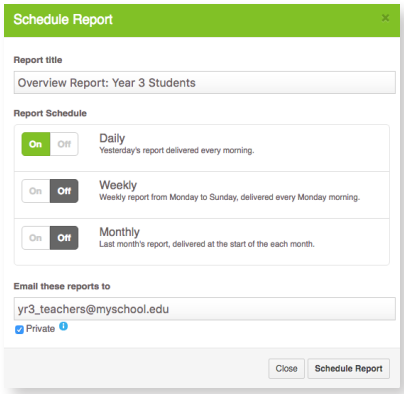
Fastvue Reporter assesses web productivity according to your guidelines to highlight unproductive or unacceptable browsing.

See exactly what is being allowed (or blocked) that shouldn't be, and adjust your Content Filter policies accordingly.



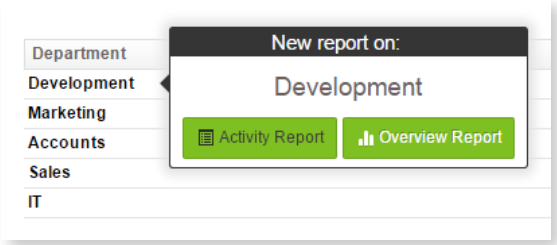
Simple Report Scheduling

Automatically send reports to the right person each day, week or month.



Active Directory Integration

Seamless (zero config) AD integration, enables simple reporting across AD Departments, Offices, Companies and Security Groups.

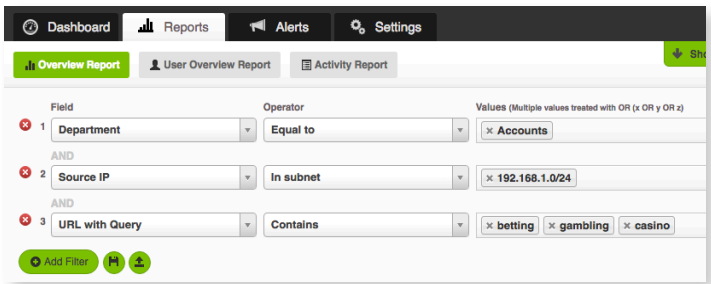


Live Dashboards

Fastvue Reporter is always ready to show you what is happening on your network right now. Real-time dashboards focus on the trifecta of network concerns: Bandwidth, Productivity and Security.

Advanced Filtering

Fastvue Reporter's advanced filtering engine narrows down your reports and alerts by anything you can dream up. Subnets, Departments, Keywords, Unproductive traffic, and more!



Site Clean

Fastvue Reporter's Site Clean engine automatically removes most Junk URLs and background noise such as fbcdn.net, akamaihd.net and google-analytics.com from your web reports.

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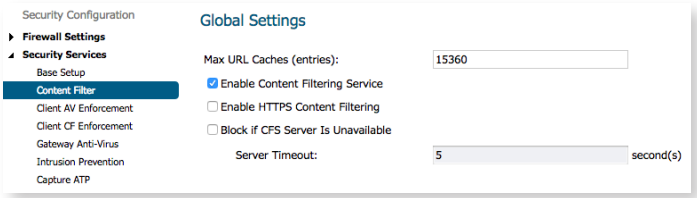
SonicWall Reporting Made Awesome

To get the most out of Fastvue Reporter for SonicWall, make sure you have the following features enabled.

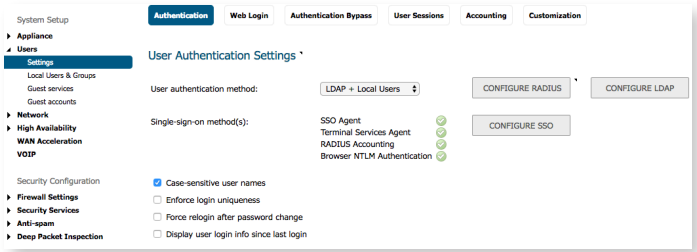
Enable Content Filtering Services:

SonicWall's Content Filtering System not only blocks inappropriate, unproductive, illegal and malicious web content, but it is also a required service to simply log full URLs and website categories. With CFS enabled, Fastvue Reporter, can report on the websites and categories visited, search terms entered into search engines, the online productivity of your users and more. Even if you don't block anything using CFS, enable the service for logging and reporting of web traffic.



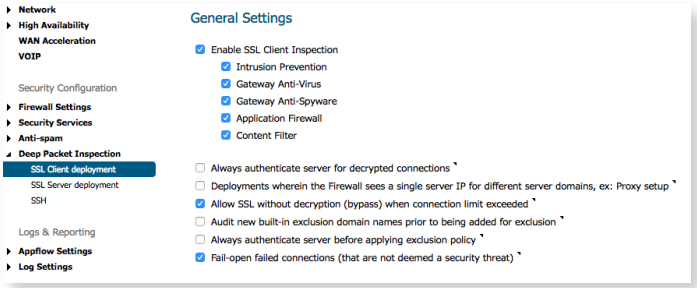
Authenticate Users:

Enabling SonicWall's AD SSO or LDAP authentication enables SonicWall to log usernames along with web traffic. Fastvue Reporter for SonicWall then matches these usernames to real people in Active Directory providing the ability to report on people, departments, offices, security groups and companies as configured in Active Directory. Without authentication, only IP addresses will be logged, which Fastvue Reporter will attempt to resolve to hostnames.



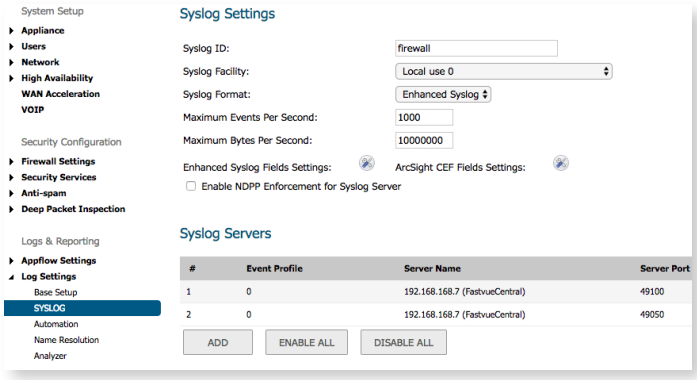
Enable DPI-SSL:

With most of the web now using HTTPS, DPI-SSL is an essential technology for both protecting your network, and reporting on web usage traffic. Without DPI-SSL, only the domain of a website will be logged (e.g. www.google.com), but not the full URL (e.g. www.google.com/search?q=my+search+term). This is important if you need to report on web searches, youtube videos, full web pages (vs just domains visited), or full virus URLs.



Enable Referrer URL Logging:

Ensure you are running the latest SonicOS version (6.2.7.1 or above) and your logging format is set to 'Enhanced Syslog' with all fields selected. SonicWall will then log referrer URLs for http requests which helps the Fastvue Site Clean engine better determine the websites actually visited by your users, and remove/clean the background websites from your reports.



Find out more about SonicWall

SonicWall has been fighting the cyber-criminal industry for over 25 years defending small, medium size businesses and enterprises worldwide. Backed by research from the SonicWall Capture Labs and Capture Threat Network, our award winning real-time breach detection and prevention solutions, coupled with the formidable resources of over 19,000 loyal channel partners around the globe, are the backbone securing more than a million business and mobile networks and their emails, applications and data. This combination of products and partners has enabled a real-time cyber defense solution tuned to the specific needs of the more than 500,000 global businesses in over 150 countries. Contact SonicWall Sales: https://www.sonicwall.com/company/contact.aspx

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Getting Started

Fastvue Reporter for SonicWall is simple to install, easy to configure and a joy to use.
Get started in less than 10 minutes.

Download Fastvue Reporter

Download the fully functional 30 day trial from
www.fastvue.co/SonicWall/download

Configure SonicWall Syslog

Configure SonicWall to send Network and Web Traffic events via Syslog to the Fastvue Reporter machine.

For SonicOS 6.5 and above:

1. Go to **Manage | Log Settings | Syslog** and set the Syslog Format to **Enhanced Syslog.**
2. Click the **Enhanced Syslog Fields Settings**: button and check all the available fields.
3. Under **Syslog Servers**, add your Fastvue server.
4. Go to **Manage | Log Settings | Base Setup** and expand the **Log | Syslog** section. Check the Syslog column for the **Syslog Website Accessed** events. Set the priority to **Informational**.
5. Still in **Manage | Log Settings | Base Setup**, expand **Security Services | Content Filter** and check the Syslog column for **Website Accessed & Website Blocked** events, again making sure the priority is **Informational.**
6. Still in **Log | Settings**, expand **Network | Network Access** and check the Syslog option for **Connection Closed, Web Request Receiver and Web Request Drop** events, again making sure the priority is **Informational**.
7. Ensure you have SonicWall's Content Filtering Services (CFS) enabled and active in **Security Services | Content Filter.**

For SonicOS 6.2.6.0 and above:

1. Go to **Log | Syslog** and set the Syslog Format to Enhanced Syslog
2. Under **Syslog Servers**, add your Fastvue server.
3. Go to **Log | Settings** and expand the **Log | Syslog** section. Check the Syslog option for the Syslog Website Accessed events. Set the priority to Informational.
4. Still in **Log | Settings**, expand **Security Services | Content Filter** and check the Syslog option for Website Accessed & Website Blocked events, again making sure the priority is Informational
5. Still in **Log | Settings**, expand **Network | Network Access** and check the Syslog option for Connection Closed, Web Request Receiver and Web Request Drop events, again making sure the priority is Informational
6. Ensure you have SonicWALL's Content Filtering Services (CFS) enabled and active in **Security Services | Content Filter**

For SonicOS 5.9 and above:

1. Go to **Log | Syslog** and set the Syslog Format to Enhanced Syslog
2. Under **Syslog Server**, add your Fastvue server.
3. Go to **Log | Settings** and expand the **Log | Syslog** section. Check the Syslog option for the Syslog Website Accessed events. Set the priority to Informational.
4. Expand **Network | Network | Network Access** and check the Syslog option for Website Blocked & Website Accessed events, again making sure the priority is **Informational.**

Add the SonicWall as a Source

Add the SonicWall as a Source in Fastvue Reporter. This can be done on the start page that is presented after installation, or in **Settings | Sources | Add Source**.

Enjoy!

It may take 10-20 seconds before the first records are imported. You can watch the records and dates imported in **Settings | Sources**. Once records start importing, you can go to the Dashboard tab to see your live network traffic.

Now you can explore all the features of Fastvue Reporter such as:

- Live Dashboards (Bandwidth, Productivity and Web Protection).
- Simple, Powerful Reporting.
- Fastvue Site Clean.
- Schedule Reports for anyone in your organization
- Real time alerts.
- Seamless Active Directory integration
- + Many more!

Operating System Requirements

Windows Server 2008 R2 or above (x64 Windows Operating Systems)

The **Web Server** and **Application Server Roles** (.NET 3.5 and IIS) will be automatically installed and configured.

Take care installing Fastvue Reporter on existing web servers. Do not install to sites or direcories where existing applications are already running (E.g Outlook Web Access).

CPU & RAM Recommendations

Network Size	Recommended Server specification
Less than 500 Users	4 CPUs/Cores, 6 GB RAM
500 – 1000 Users	4 CPUs/Cores, 8 GB RAM
1000 – 3000 Users	8 CPUs/Cores, 12 GB RAM
3000 – 5000 Users	8 CPUs/Cores, 16 GB RAM
5000+ Users	16 CPUs/Cores, 24 GB RAM

Data Storage

The default data retention policy in Fastvue Reporter is 90 days or 50 GB, whichever comes first. This can be adjusted in **Settings | Data Storage**.

The amount of data stored per day will vary depending on the amount of traffic flowing through your SonicWall. Check the amount of data in **Settings | Data Storage** after one day of installing to see if you need to make adjustments to the data retention policy.