



SSL ClearView Reporter Data Sheet

Written expressly for the Juniper Networks SSL VPN, the SSL ClearView Reporter™ application takes log data from one or more SSL VPN devices and generates feature-rich reports that provide security professionals valuable insight into network usage and user activity. It also enables IT managers and stakeholders in regulatory compliance (such as PCI, HIPAA, SOX and more) by providing a comprehensive, easy-to-use platform for log review.

SSL ClearView Reporter is offered as an appliance-based solution that deploys in minutes. Soft Appliance and Virtual Appliance options are also available. Dozens of pre-defined report views get you the visibility you need right out of the box.

ClearView features a Web-based interface for easy accessibility and fast performance. ClearView's intuitive user interface allows administrators and users to create custom reports quickly and easily without the need for detailed knowledge of log data structure or database schema.

Product Architecture



- ✓ Send data from any number of Juniper SA Appliances to ClearView via the standard Syslog service.
- ✓ The logs are parsed and stored in the ClearView database.
- ✓ Reports are available in Real Time via any Web Browser

ClearView Features and Benefits

Feature	Benefit
Appliance-based Solution Options	Pre-configured appliance-based deployment gets you up and reporting within minutes. A variety of appliance models are available to meet any performance and log storage requirements.
Virtual Appliance Options	Cost-effective Soft appliance and virtual appliance options offer great flexibility for mid market customers.
Web-based Administration	Once up on the network, ClearView can be managed via any web browser. No fat GUI client software to install or bloated java interface to slow you down.
Customizable Dashboards	Customizable Dashboards provide quick and easy visibility to your most important metrics.
Real time reports	Data is available for reporting within a few seconds of the time the log is generated by the source device.
Pre-defined Reports	Dozens of pre-defined report views get you the visibility you need right out of the box.
Custom Reports	With ClearView's Intuitive interface for custom report creation, database schema and log format knowledge is not required to create your own reports.
Drill Down on all Reports	Full Drill down is available on all reports with up to four levels of detail. ClearView provides the ability to drill down to raw log entries from any report view.
Report Export	All Reports can be exported to Microsoft Excel®, PDF, HTML and CSV formats
Scheduled Reports	Any report can be scheduled; daily, weekly, monthly, one-time, or based on a custom date range. Multiple delivery formats are available – pdf, excel, csv and html. Multiple delivery mechanisms are supported – email, ftp and the built-in web portal.
Workflow Enablement	For any scheduled reports, acknowledgement can be required. This creates an audit trail documenting when reports were run and reviewed and by whom.
Authentication Options	Multiple authentication mechanisms for users are supported including; Local, RADIUS, LDAP and Active Directory
Granular RBAC	ClearView enables delegation of the proper access to administrators and report consumers with its granular role based access controls
Advanced Data Segmentation	ClearView can be configured to logically segment data based on source device/node, Virtual System, Realm and Role. This is an optional feature for ClearView Enterprise editions and standard in our Service Provider editions.
Alerts and Monitoring	Threshold-based alerts can be created to monitor key health parameters and security events. Alerts can be delivered via email, SMS messaging, and SNMP traps. Alert status is also displayed on the dashboard.
Easy Upgrades	Upgrades can be initiated through the web-based management interface.

Feature	Benefit
	Access to the latest version is included with any support contract.
Data Retention	Data Retention policies can be configured and scheduled via the web interface. All database management is handled transparently by ClearView. No DBA is needed.
Backups	Backups can be scheduled and stored locally as well as automatically sent to a remote storage server.
HA Clustering	Multiple appliances can be clustered for high availability for non-stop reporting
Distributed Architecture	Remote collectors can be deployed for local monitoring and alerting as well as log collection. Remote collectors compress and forward logs on a configurable schedule and add bandwidth throttling capabilities.
Remote Assistance	If enabled and initiated by you, our technical support team and developers can interactively troubleshoot issues on your device as well as help with new data imports.

Reporting Categories

SSL ClearView Reporter provides full drill-down capability from top line summary to event data, with granular data filters and graphic output on all reports, as well as report scheduling and bookmarking. Reports are available in Microsoft Excel®, Adobe PDF, HTML and CSV formats.

Category	Available Reports	Target Audience
Application Usage Reports	Numerous reports providing details on specific application and resource usage based on user or time (month/day/hour)	Security Administrators; System Administrators; IT Managers; Business Unit Managers
Bandwidth Usage Reports	Numerous reports on network bandwidth usage during any desired time intervals	Security Administrators; Network Administrators; System Administrators; IT Managers
User Activity Reports	Numerous usage reports based on user ID, user Group ID, department ID, or applications; Top N user reports based on traffic volume	Security Administrators; System Administrators; IT Managers; Business Unit Managers; Human Resource Department
Top Destination Reports	Reports that show most often used hosts/services/applications based on traffic volume	Security Administrators; System Administrators; IT Managers; Business Unit Managers;

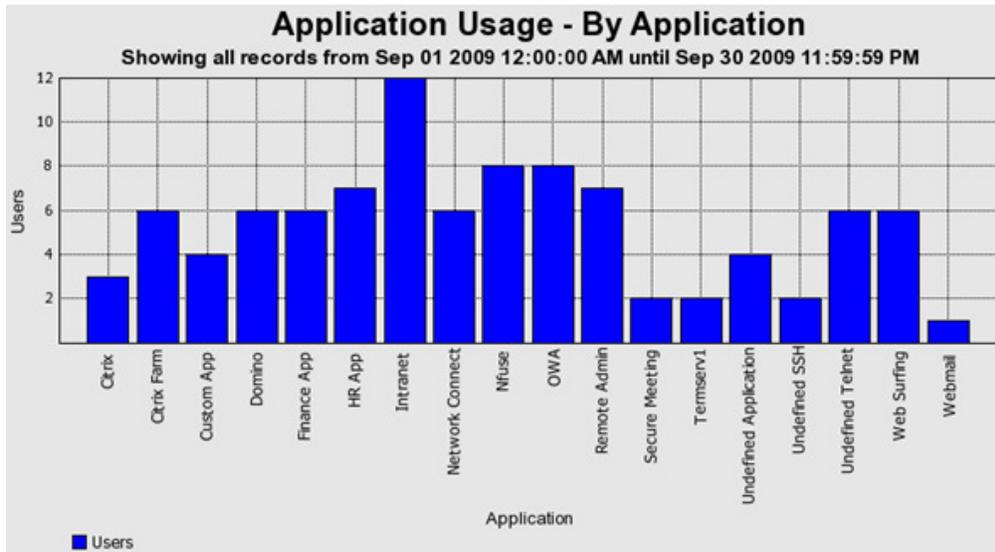
Category	Available Reports	Target Audience
Department Usage Reports	Reports that show application usage (number of users and sessions, traffic volume) based on departments	Security Administrators; System Administrators; Network Administrators; IT Managers; Security Auditors; Human Resource Department; CISO; CIO
Role based Activity Reports	Reports that show activities (traffic volume, number of users, number of sessions, total session duration) based on user roles	Security Administrators; System Administrators; IT Managers; Business Unit Managers; Human Resource Department
File Transfer Reports	Reports that show summary or details of each file upload or download activity – user name, time and file name	Security Administrators; System Administrators; Network Administrators; IT Managers; Security Auditors; CISO
Concurrent User Report	Reports that show the number of concurrent users during any desired time intervals	Security Administrators; System Administrators; IT Managers; CIO
Cluster Status Reports	Reports on cluster member status change	Security Administrators; System Administrators; Network Administrators; IT Managers
User Authentication Reports	Reports on successful or failed logins based on user names	Security Administrators; System Administrators; Network Administrators; IT Managers; Security Auditors; CISO
Configuration Change Reports	Track changes on SSL VPN configuration for the purpose of audit, change control, troubleshooting and disaster recovery	Security Administrators; System Administrators; Network Administrators; IT Managers; Security Auditors; CISO
User Dashboard	Fast lookup of all activity for a specific user in a given time period	Security Administrators; System Administrators; Network Administrators; IT Managers
Performance Dashboard	Full range of capacity planning and trending reports. Bandwidth usage by Realm, Applications, Node and Users. Trending info on Users per Application.	Security Administrators; System Administrators; Network Administrators; IT Managers, CIO
Host Checker Reports	Reports on Host Checker results including: pass and failure by failure reasons and host checker policy name.	Security Administrators; System Administrators; Network Administrators; IT Managers, CIO

Sample Reports

Application Usage

The following sample application usage report shows application-specific activities in each month, including total bytes, number of users, number of sessions and session duration.

Month	Application	Users	Kbytes Total	#Sessions	Duration(Hours)
September	Citrix	3	57.98	3	0.03
September	Citrix Farm	6	331.16	7	0.10
September	Custom App	4	173.26	43	0.03
September	Domino	6	693.48	46	0.02
September	Finance App	6	4.88	7	0.06
September	HR App	7	21.60	8	0.14
September	Intranet	12	28,346.54	474	0.13
September	Network Connect	6	4.98	10	2.15
September	Nfuse	8	641.41	236	0.07
September	OWA	8	6,416.32	1230	0.34
September	Remote Admin	7	1,206.49	13	0.22
September	Secure Meeting	2	1.34	2	0.16
September	Termserv1	2	58.08	3	0.02
September	Undefined Application	4	0.52	9	0.00
September	Undefined SSH	2	3.54	2	0.10
September	Undefined Telnet	6	19.04	9	0.74
September	Web Surfing	6	11,986.48	1972	0.60
September	Webmail	1	696.82	8	0.00
September	TOTAL	17	50,663.91	4082	4.90



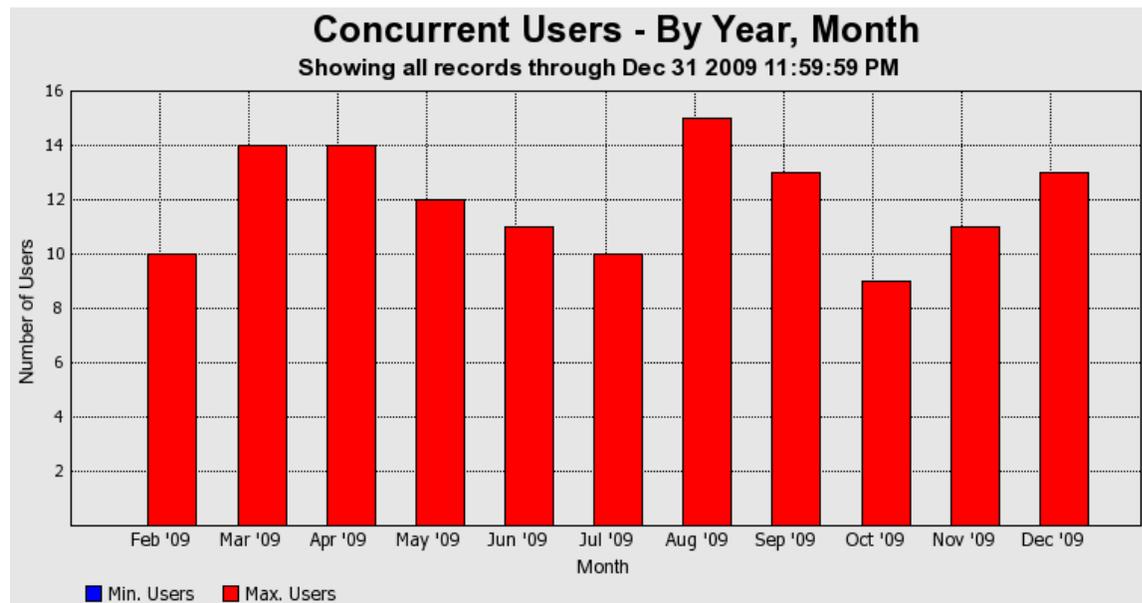
Concurrent Users

The concurrent users report provides managers with the required information to do capacity planning for their Juniper licensing.

Concurrent Users - By Year, Month, Cluster Group, Source, Source Node Name
Showing all records

View as [Graph](#) [PDF](#) [XLS](#) [CSV](#) [HTML](#)

Year	Month	Cluster Group	Source	Source Node Name	Min. Users	Avg. Users	Max. Users
2010	January	*	192.168.2.12	IVE1	0	1	12
2010	February	*	192.168.2.12	IVE1	0	0	15
2010	March	*	192.168.2.12	IVE1	0	0	11
2010	April	*	192.168.2.12	IVE1	0	0	11
TOTAL					0	0	15
GRAND TOTAL					0	0	15



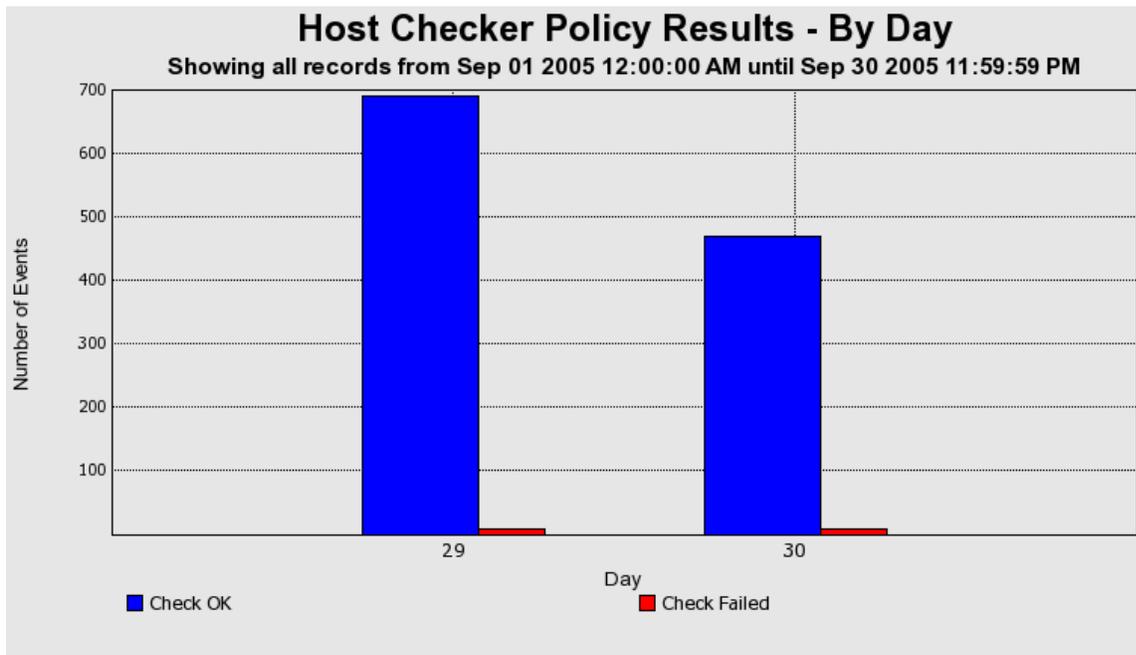
Host Checker Reports

SSL ClearView Reporter provides detailed reports on Host Checker event. Managers can see passes and failures by policy as well as seeing the reasons that users are failing checks. This is an invaluable tool when rolling out new host checker policies as well as auditing compliance of existing policy.

Host Checker Policy Results

Showing all records from Jan 01 2006 12:00:00 AM until Dec 31 2006 11:59:59 PM

Year	Month	Policy	Users	Reasons	Check OK	Check Failed
2006	August	*	1	1	5	0
2006	August	Corp AV Policy	3	2	805	6
2006	August	Min Windows Version	3	1	725	0
2006	August	Secure Workspace Pol_1	2	1	26	0
2006	August	Secure Workspace Pol_1.SVWActive	2	2	17	9
2006	August	TOTAL	3	3	1578	15
2006	September	Corp AV Policy	2	1	358	0
2006	September	Min Windows Version	2	1	358	0
2006	September	TOTAL	2	1	716	0
2006		TOTAL	3	3	2294	15
		GRAND TOTAL	3	3	2294	15



User Dashboard

The User Dashboard provides a single screen interface to follow a given users activity. All the details are a click away. This is a perfect tool for Security Administrators.

User: Start Date: End Date:

User Dashboard - anonymousUser

Showing all records

User Information

Username
anonymousUser

User Statistics

Apps	BytesIn	BytesOut	Total Bytes	#Transfer Sessions	Duration (hours)
4	149,470	233,905,183	234,054,653	2,197	4.76

Significant Events

Event Name	#Events	Last Event Time
Login Failed	4	2005-10-09 19:53:52
Login Succeeded	164	2005-10-18 07:18:43
Host Checker Succeeded	62	2005-10-18 05:09:00
Host Checker Failed	2	2005-10-18 01:12:31
File Upload	0	
File Download	0	
Admin Control Change	0	
Secure Meeting	0	

User Sessions

Last Session Log: Logged on from 66.129.238.2 , connect2a

Total number of events (5): Account (1), Web Request (4)

Product Maintenance and Support

NWG Technologies supports customers' needs by regularly releasing service packs providing new reports and feature enhancements. New major releases are provided annually with service releases quarterly.

We use a unified client-server model for distributing updates and managing support connections. Our *Secure Access Server* maintains the latest software code for the ClearView Server appliances in addition to managing customer support connections. A client must initiate a support connection to the *Secure Access Server*, which ensures privacy and security while maximizing pass-through support for firewalls.

ClearView allow for both automatic and manual software updates. Upgrades can be performed via the web interface or through the support connection. The Administrator has full control of the process.

About NWG Technologies

NWG Technologies is a leading provider of innovative security technology solutions for log management, security information management, monitoring and compliance. NWG Technologies is focused on delivering powerful, feature-rich tools that are easy-to-use and cost-effective.

The ClearView Reporting Suite of products enables companies to better understand and act on their log data by transforming it into meaningful, actionable information that can be used by Information Technology and business audiences.

To find an authorized ClearView channel partner near you, please contact your NWG representative at +1-734-995-5400 or sales@nwgtechnologies.com.

For more information, please visit www.nwgtechnologies.com



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