

InfoSecter, the Information Security Dissector

Network security assurance is determined by whether the network security implementation is accurately enforcing the organization's security policy. You can visually inspect configurations and run network scans to verify your network security implementation. By using software tools to analyze configurations, you will find problems faster than manual inspection and earlier than network scanning. InfoSecter is a tool set which analyzes configurations to automate and speed the network security quality assurance cycle. InfoSecter does for firewall configurations what Quicken™ does for a box of receipts.

Quickly discover what your firewall is doing and why with InfoSecter.

- **Improve security device operation understanding:** Interactively browse and interrogate a flow model of how the configured security device will operate on sets of packets.
- **Find root causes to remediate a implementation flaw:** Interactively browse and interrogate a model of the configured security device to find which configuration lines caused the problem.
- **Detect configuration flaws before deployment:** Identify conflicting rules or unexpected functional differences within or between configurations, even for different versions or vendors.
- **Support migration between firewall vendors:** Perform a functional comparison to identify unexpected packet handling differences between the original device configuration and the configuration for the new device.
- **Integrate with existing operation flow:** InfoSecter is tool oriented so you can use it at key points in your existing configuration management and review processes.
- **Tighten binding between security policy and implementation** As changes are made to the security implementation, errors may be introduced that violate the guiding policy. Use constraint analysis to ensure key points of policy are accurately enforced.

What's new in 1.2

- InfoSecter now analyzes firewall and address translation features controlled by Linux-based iptables devices.
- Support for IOS zone-based firewalls. In addition to specifying IOS firewall requirements with the traditional content based access control (CBAC), Analyzer can also model the actions of IOS firewalls configured with zone-based firewall commands.
- Support for ASA 8.2 command set.

Operations

- **Self Conflict Analysis** – Identify rules in a rule lists that operate on the same packets.
- **Dissection and browsing** – Create an unambiguous listing of packet sets to operations. This describes all possible packets and what the configured device will do those packets. Visualizer displays this data and lets the user filter and sort it to rapidly find what the configuration would do and why.
- **Functional Comparison** – Perform a functional difference between two configurations even if they are different versions or different vendors. Find the functional changes without the clutter of purely textual differences.
- **Constraint Validation** – Create an expression to indicate how sets of packets should be processed then find where the configuration does not match. Utilities are included to create constraints from captured packet data or data from Internet security website.

Details

Version	01/02/01
Install Platforms	Windows XP, Server, Vista, 7; Linux available on demand
Analyzed Platforms	PIX/ASA , FWSM, IOS, Netscreen, CheckPoint, iptables
Required Hardware	Intel/AMD 1 GHz, 1 GB memory, 50 MB free disk
Actions modeled	Firewall filtering, URL filtering, Inspect/proxying, IPSec, AAA, NAT

Pricing

By default InfoSector is sold on a per person license. The pricing is split into a base price of \$2,500 and a per device platform price of \$1,500 per platform. For example, to purchase InfoSector to operate on Netscreen devices would cost \$4,000.

This price includes one year of support which includes bug fixes and support for new versions of the target platforms.

Group or site licenses can be negotiated.

Interested?

Check out our demos at <http://network-geographics.com/training>. You can use web-based versions of the InfoSector technology at <http://network-geographics.com/tools>. Contact us for additional information at info@network-geographics.com or 888.276.2027