



AlgoSec | Company and Solution

AlgoSec automates firewall analysis, enabling organizations to easily manage their complex and changing firewall, router and VPN environments by instantly providing unprecedented visibility and intelligence into their configurations, ensuring maximum security and optimal performance.

The Challenges of Firewall Security Risk Management

Ensuring Firewall Configuration Matches Corporate Policy

>> Complex and changing firewall configurations due to policy changes, server IP migration, and constantly evolving rule bases inevitably misalign rules with security policy.

Finding Hidden Risks

>> Risks are often hidden due to the complexity of the firewall policy and are virtually impossible to locate during the error prone manual review of hundreds if not thousands of firewall rules.

Tuning for Optimal Performance

>> Massive complex rule bases lead to duplicated, disabled, unused, and expired rules and unused objects that clutter the management station and significantly slow the devices down.

Administering Constant Changes

>> Administrators struggle to keep up with the large and continuous volume of user access requests and configuration changes.

Prioritizing to Remediate Risks

>> Identifying risk without providing guidance on how to mitigate leaves organizations unable to easily remediate and exposed to potential threats.

Managing Multi-Platform Firewall Environments

>> Multiple firewall platforms on multiple consoles without a centralized view of the firewall infrastructure are cumbersome and inefficient to administer and require significant investment.

➤ Firewall Management Made Smarter

Organizations worldwide use AlgoSec Firewall Analyzer™ to automatically audit, analyze, manage and remediate risk and optimize performance of their networks.

Who We Are

AlgoSec is the leading provider of Firewall Operations and Security Risk Management solutions. A pioneer in automated and intelligent firewall, router and VPN audit and analysis, AlgoSec's products are deployed globally by more than 200 of the world's leading organizations to gain unprecedented visibility into their complex and changing configurations. Today, AlgoSec is enabling organizations to ensure they are secure, compliant and operationally efficient.

What We Sell

AlgoSec offers the AlgoSec Firewall Analyzer™ (AFA) Product Suite and the AlgoSec FireFlow™. AlgoSec's flagship AFA suite offers smart firewall, router and VPN management solutions. These software solutions provide unmatched visibility into organizations' firewall, router and VPN configurations across multiple firewalls and multiple firewall vendors. The solutions provide actionable information to enable organizations to mitigate risk, maintain compliance, optimize performance and ensure business continuity. AlgoSec FireFlow, a companion product to the AFA which will be available late in 2008, is an end-to-end network security policy change workflow solution that automates the entire change lifecycle from request to audit. The solutions are available in either a pre-loaded VMware or as software for the Linux OS.

What We Can Do For You

Wherever possible we automate firewall management, replacing the manual, inefficient and potentially error prone task of overseeing complex firewall configurations. We allow you to easily provide trusted team members across departments unparalleled visibility into firewall configurations without accessing the production firewall consoles. We provide an audit trail while delivering actionable information to enable team members to query firewall configurations, view policies offline from any web browser, optimize performance and prioritize action based on quantifiable risk exposure. We deliver automatically populated compliance reports out-of-the-box for PCI DSS, ISO 27001 and SOX.

The Solution

These problems demand a smart solution that goes beyond standard audit and analysis. The solution must provide unparalleled visibility and insight into firewall configurations. It must be compatible with multiple firewall vendors in an integrated environment to ensure security policy matches configuration. The solution must be automated but customizable and dynamic to ensure that corporate business policies can be instantly and easily applied and enforced to maximize security and operational performance. The solution must be able to prioritize threats meaningfully to give networking and security team members the best practices for mitigating those threats. The solution must be scalable from an infrastructure, platform and configuration perspective. AlgoSec is the only Firewall Operations and Security Risk Management solution to meet these requirements.

AlgoSec Solution Benefits

Provides Automated Assessment

>> Instantly and automatically audits and analyzes firewall and routing infrastructure for adherence to corporate security standards, regulatory compliance and industry best practices.

Delivers Continuous Audit

>> Replaces time consuming and error prone manual auditing process with an automated solution based on patented algorithms, simplifying IT administrator experience.

Prioritizes Risk Remediation

>> Ranks and prioritizes risk based on comprehensive knowledge base of industry best practices and provides guidance for quick and easy remediation to ensure business critical assets are not vulnerable.

Maximizes Performance

>> Increases performance by providing rule usage statistics to identify and eliminate clutter due to duplicate, disabled, expired, unused rules and objects.

Improves Change Management Process

>> Enables administrators to proactively run policy queries and "what if" analyses offline, across multiple firewall platforms prior to implementing change requests to ensure business continuity and desired outcomes.

Ensures Compliance

>> Allows for easy alignment of changing configurations with compliance standards, providing auditing and analysis against regulatory compliance standards including PCI DSS, ISO 27001, SOX, Basel II, FISMA, NIST 800-41, HIPAA, IAVA and others.

Offers Offline Policy Store

>> Improves visibility and insight by consolidating the configurations of multiple firewall vendors to be queried from any web browser by trusted team members.

Why We Are Better

Comprehensive

- >> Calculate every potential packet the firewall or router may encounter.
- >> Pinpoint every potential risk on a rule-by-rule basis.
- >> Identify duplicated, disabled, unused and expired rules and unused objects.
- >> Deliver on-demand custom querying of firewalls or groups of firewalls across multiple vendors.
- >> Understand and translate rules across multiple firewall vendors for easy server IP migration and change management.
- >> Provide audit-ready compliance reports for PCI DSS, ISO 27001 and SOX.
- >> Deliver an end-to-end Network Security Lifecycle Management solution.

Policy Compliance

- >> Automatically completed compliance reports for PCI DSS, ISO 27001 and SOX as well as auditing against additional regulatory compliance standards including Basel II, FISMA, NIST 800-41, HIPAA, IAVA and others.

Analytics Engine

- >> Built-in unsurpassed knowledge base compares traffic the firewall is allowing to industry best practices, quantifies and prioritizes each risk allowing for fast, easy and effective remediation.

User Experience

- >> Easy to deploy and use. Instant and automated continuous audit presented in easy to read familiar graphical reports with automatically generated email alerts.

Scalable Multi-Platform Support

- >> AlgoSec supports the major platforms in the enterprise market: Check Point, (FireWall-1 and Provider-1 on Solaris, Nokia, SecurePlatform, Alteon, Crossbeam and Windows) Cisco firewalls (PIX, ASA and FWSM), Cisco routers, and Juniper Netscreen.

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