

FIREM N

Proactive Security through
Effective Management



COMPANY OVERVIEW

There are fundamental flaws in the way enterprises manage their network security infrastructures. We created FireMon, an enterprise security management company, to overcome them. By analyzing the posture of enterprise, government and MSSP networks, we can help organizations find, correct and ultimately avoid gaps in their network security infrastructure. Today, FireMon is delivering the only proactive, real-time enterprise security management solutions available.

The State of Enterprise Network Security

Enterprise network managers have spent millions of dollars on their security infrastructures and millions more every year on the people to operate those infrastructures. And yet, most of them can't answer fundamental questions about their risk posture:

- What vulnerable hosts are exposed to our overseas suppliers?
- Which access controls are no longer in use and should be removed?
- Is the configuration change I'm about to approve going to increase my risk?

The problem is compounded by the way most organizations are forced to measure their security professionals. Security engineers are much more likely to be dismissed from their position for negatively impacting business operations—by blocking access to a key system—than they are for opening holes that expose the business to more risk than is necessary. Predictably, the engineers err on the side of granting more access even as the risk associated with it remains unknown. Ultimately, after years of ineffective management of security technologies, the enterprise's network security infrastructure becomes incredibly—and unnecessarily—complex, with broad risk that cannot be manually quantified.

Proactive Security Management

At FireMon, we are delivering security management solutions that enable organizations to be proactive. Monitoring for events in the network and responding to them are important functions of security. By focusing on providing advanced visibility, measurement, assessment and process improvements, FireMon's products help detect weaknesses and recommend improvements in the network defense before any access is attempted.

Risk is central to our approach to proactive security management. It is the gauge by which we can measure the delicate balance between access and security. FireMon's patented risk engine simulates attack paths through the network and measures the impact of exposure. For networks that are constantly changing, where the enterprise's response to exposure modulates with the risk profile, measuring the risk of new access prior to implementation becomes an efficient, integral part of daily operations. FireMon also delivers capabilities to continually assess and improve your posture. Assessment includes cleanup functions for legacy environments so that new management can be effective and provide detailed reporting for compliance.

FIREMON SOLUTIONS

SECURITY MANAGER

Security Manager helps enterprises manage their firewalls, routers, switches and load balancers more effectively, by detecting and reporting any changes to firewall policy, increasing visibility and reducing the cost of making changes. Security Manager shows you which of your rules are unused and how traffic flows through each rule, letting you clean up unnecessary access and tighten down existing rules. And with continued, automated analysis of regulations like PCI, HIPAA, SOX, NERC-CIP, ISO 27001, and NSA guidelines, Security Manager greatly improves your compliance posture.

Access Path Analysis expands visibility of enterprise network behavior by identifying the detailed risk path through the network, including the interfaces, routes, security rules and address translation rules that allow the access path that introduces risk. It gives network security operators the information necessary to make a precise change and reduce risk without impacting network operations. And FireMon Insight, a real-time dashboard, gives users a one-stop view of the critical metrics from across your security configurations.

POLICY PLANNER

Policy Planner is a firewall-intelligent workflow solution that makes IT security more efficient by automating the change process and gives firewall administrators the tools to make accurate rule base changes. This web-based system collects user requirements, recommends rule changes, provides approvers a detailed risk assessment and compliance impact of the requested change, and empowers full change audit and verification.

Policy Planner works alongside existing business-process automation tools and integrates with them where necessary to provide critical enhancements to firewalls. It improves the change process regardless of whether you have a sophisticated enterprise deployment of business process software or a home-grown change management tool.

RISK ANALYZER

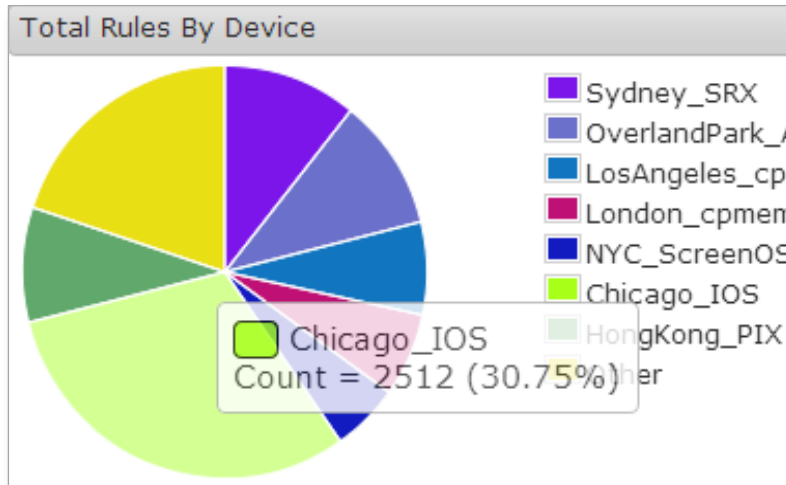
Risk Analyzer introduces a new way to measure risk, using hypothetical attacks, or attack scenarios. The enterprise defines the attack scenarios—a threat source and assets at risk from the threat—that matter most. Typical scenarios include:

- Partners using a VPN to access ordering systems,
- Geo-political threats seeking to deface corporate web messages,
- Internal users gaining direct access to financial data.

With risk scenarios defined, Risk Analyzer measures the exposure to each. The system's dashboard provides an overview of each scenario in terms of its access to assets and potential vulnerabilities.

To help stop attacks from propagating, Risk Analyzer presents a visual attack graph that shows how an attacker could penetrate the network and where to stop the attack on the perimeter. To prioritize vulnerabilities, every attack simulation results in a prioritized list of vulnerabilities which, when patched, will reduce risk the most.

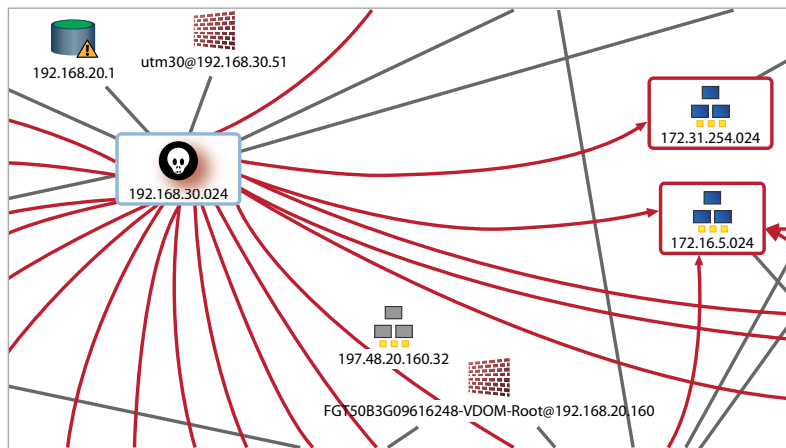
FIREMON SOLUTIONS, CONT.



Analyze real-time security metrics across all firewalls



Design changes that minimize risk and maintain compliance



Visualize real-time enterprise network risks

THE LEADER IN POLICY AND RISK MANAGEMENT

FOCUS

Organizations with large, complex networks incorporating advanced security and networking technologies face daunting security management challenges every day. Relentless external and internal threats, ever-increasing compliance requirements and constant operational pressures must be addressed—typically by multiple teams at distributed locations within different functional organizations. This impacts the effectiveness of policy, configuration, and change management, risk visibility and analysis and auditing processes designed to ensure network access for the business while maintaining security at all times.

FireMon invented the firewall management space in 2001 and our solutions are architected and developed to enable security and IT teams to automate the complex, resource-intensive operations that are the root cause of these challenges. Our distributed, highly scalable architecture is the foundation that provides actionable information and analysis that enables the real-time performance required of an operationally effective security management solution.

CUSTOMERS

We provide advanced products and services to a broad spectrum of customer organizations worldwide within diverse industry sectors, including some of the world's largest financial institutions, healthcare and energy providers, technology and communication companies, retailers and manufacturers, as well as U.S. and other national, state, and local government agencies.

Many of the world's premier MSSPs rely on FireMon's distributed data collection architecture for flexible deployment options and the ability to scale to manage thousands of devices to deliver high-value managed security services to their extensive customer bases.

Sample customers include:

- CSC, a global leader in providing technology-enabled business solutions and services, incorporates FireMon as a key element of its Managed Firewall Ruleset Assurance service.
- Accor North America, a division of a global hospitality company, utilizes FireMon to rewrite its entire security rule base and capture configuration changes in a single, unified system.
- Raymond James Financial, a diversified financial services company, tracks compliance with firewall policies and standards across a heterogeneous firewall fabric with FireMon.

PARTNERS

FireMon is deeply committed to its strong partner network and has more than 80 active partners around the world, including consultants, resellers, distributors, and technology partners.

FireMon is an active member of the global security community and has established technology partnerships with industry leaders.



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