

CASE STUDY

AI-Driven Firewall Optimization and Visibility with Insights



About the Company: A leading U.S. based footwear company that designs, sources, and markets a diverse portfolio of consumer shoe brands across retail and wholesale channels

Use Enforce Compliance,
Cases: Manage Change, Reduce Risk
Industry: Retail

The Challenge

Despite known policy risk, the team had no benchmarking or per-device metrics to validate what was working, or how they compared to industry standards. Manual reporting made it difficult to identify issues like redundant rules, unused access, or misconfigurations, leaving more than 6,400 medium control failures undetected and unaddressed.

The company sought to:

 **96.12%**

Control failure rate revealed, 2x higher than industry average

 **1 Week**

Time to value with actionable insights

- A way to compare firewall performance across sites and devices
- Real-time visibility into rule quality and control failures
- Accurate recommendations to prioritize cleanup
- Executive-level dashboards that clearly demonstrated progress
- Tools to expose hidden risks, rule bloat, and redundant access

 **13.06%**

**Reduction in redundant
firewall rules in just 30 days**

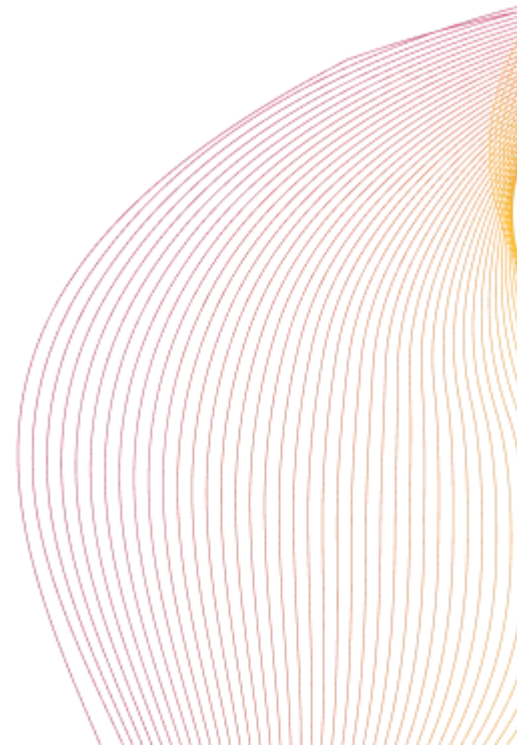
The Solution

Within one week of deployment, FireMon Insights transformed the team's ability to understand, assess, and act on firewall policy health.

- Real-time benchmarking against peer organizations to surface red flags in their environment
- Redundant rule detection from rule usage and object reports
- Complexity dashboards surfaced an additional group of redundant rules
- Per-device insights showed firewalls carrying the most risk and bloat
- AI-driven cleanup reports (duplicate objects, unused rules, removal candidates) accelerated rule reduction efforts
- Rule Consolidation Report guided simplification of overlapping or ineffective policy lines
- KPI trends showed immediate improvement in redundancy, usage, and control failures

Results

- Insights discovered a 96.12% medium control failure rate, more than double the industry average of 46%
- A 13.06% drop in redundant rules in the first month
- Real-time visibility into rule health and control failures
- Industry benchmarking identified risk blind spots across control failures and usage
- AI-recommended cleanup actions enabled fast, confident rule reduction
- Executive dashboards made it easy to track, report, and validate remediation
- Policy decisions based on data, not guesswork
- Immediate ROI with actionable insights delivered in the first week



About FireMon

FireMon's mission is to improve security operations that will in turn lead to better security outcomes. FireMon delivers industry-leading security policy management, cloud security operations, and asset management solutions. Our platform is the only real-time solution that reduces firewall and cloud security policy-related risks, manages policy changes, and enforces compliance. FireMon's Cloud Defense (formerly DisruptOps) is the only distributed cloud security operations offering that detects and responds to issues in the fast-paced public cloud environments. Our cloud-based Asset Management solution (formerly Lumeta) scans entire infrastructures to identify everything in the environment and provide valuable insights into how it's all connected.

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