

Intent-Based Network Security

Continuous security starts with intent

THE CHALLENGE: Maintain security no matter what happens.

Traditional security models implement and enforce controls for the current state of affairs. But in our world, nothing stays current for long. Intent-based network security (IBNS) departs from the old way, beginning instead with a desired state (security intent, then molding security controls to fit the intention and continuously adapting to anything that comes.

IBNS frees security teams from constantly changing, modifying, editing and implementing controls that have a shelf life of mere seconds. However, it can be difficult to formalize intentions when you have a brown field of infrastructure littered with rules and controls dating back to the 1990s.

Specific challenges include:

- Translating desired security into the correct security rules
- Difficulty finding security controls within legacy systems
- Flood of vulnerabilities to mitigate
- Compliance drift as networks pull away from intent

THE SOLUTION: Automated Translation, Intent-to-Rule

FireMon separates your security intent from the physical implementation. Using rule recommendations and our patented Policy Compute Engine, you're able to formalize your intended goals, then instantly see rules written and enforced with zero human touch.

Whatever the enforcement points (firewalls, routers, cloud, containers, VMs), all the correct rules are put in place by converting your desired state into the network to obey your command.

WHY FIREMON?



Translation gives you the power to set your security intent once, then converts intent into the right rules



Automatic Distribution instantly deploys rules, translated from your desired security intent with zero human touch



Network Awareness continuously monitors network behavior in real-time, reporting state changes when security drifts



Dynamic Remediation automates corrective actions, pulling the network back to the security intent when it starts to drift

Policy Compute Engine

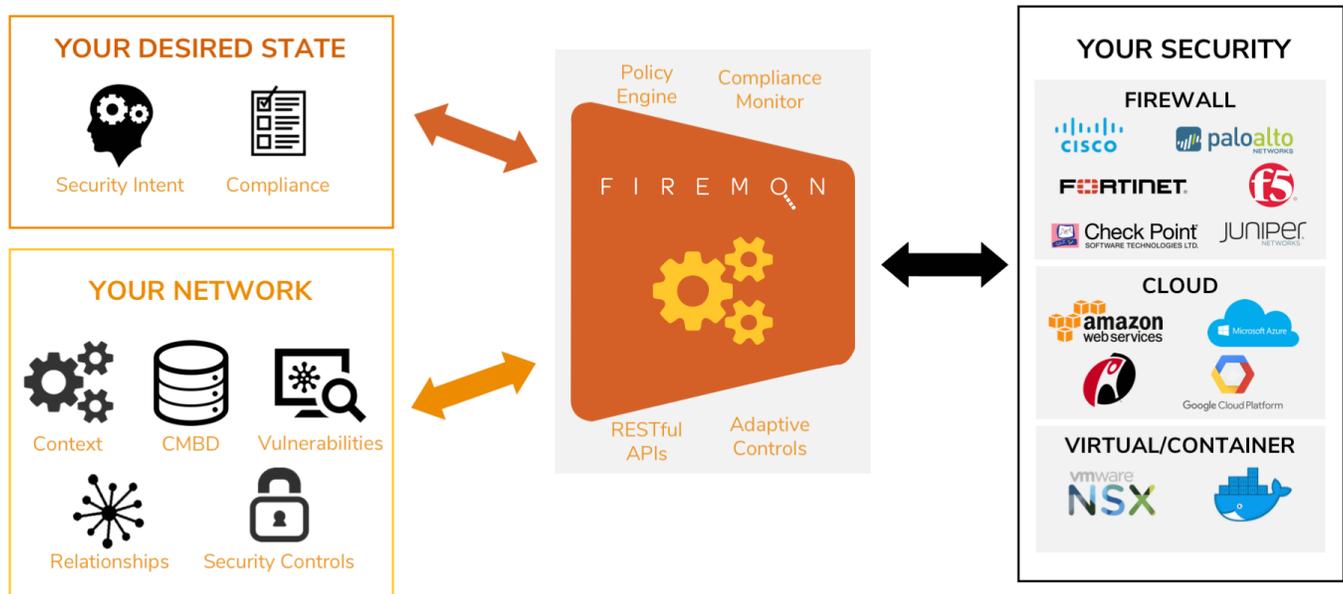
Only FireMon gives you the power to set security intent for your desired state and instantly translate your intent into the right rules for the right enforcement point with zero human touch.

PRODUCT OVERVIEW

FireMon is the world's first orchestration platform for security intent. By taking your desired security state, compliance mandates and current network conditions, FireMon computes the necessary rules.

Automatic implementation pushes the right policies for your desired state to any enforcement point, including: firewalls, cloud platforms, virtual and containers.

How it Works



Who is FireMon?

The FireMon platform delivers continuous security for hybrid enterprises through a powerful fusion of vulnerability management, continuous compliance and orchestration. Since creating the first-ever network security management solution 15 years ago, FireMon solutions have continued to deliver visibility into and control over complex network security infrastructure, policies and risk to over 1,500 customers around the world.

Using the FireMon platform, today's leading enterprise organizations, government agencies, and managed security providers have dramatically improved effectiveness of network defenses, accelerating business agility optimizing return on investment. For more information or a free 30-day trial, visit www.firemon.com.