

Internet of Things

Taming the ever-expanding IoT attack surface

THE CHALLENGE: Remove the risk of IoT devices, orchestrate with speed.

The Internet of Things (IoT) is now woven into the fabric of our world. By creating a more interconnected enterprise, smart homes, mobile devices, automobiles, home appliances, medical devices and industrial technology all come into focus for security teams: devices they've never had to secure before.

Security for IoT comes with a set of new challenges for enterprises, both from vulnerabilities giving new points of entry to the network and growing communication spreading across irregular devices.

Specific challenges include:

- Non-standard security controls
- Compliance failures from overly permissive rules
- Vulnerabilities piling up without clear direction
- Easy IoT targets for cybercriminals

THE SOLUTION: Continuous Security for IoT

FireMon's API-driven platform gives you flawless control over sprawling IoT devices by combining vulnerability management, compliance and orchestration. Using attack simulation, you can see all the paths a bad actor can take from a single IoT compromise.

Policy orchestration gives you power over security controls to prevent IoT-based intrusions and respond quickly in the event of compromise. With FireMon, IoT is brought under control by dictating how devices interact with your network.

WHY FIREMON?



Attack Simulation gives you the statistical framework and probability for which paths IoT could lead an attacker to critical assets



Performance at Scale gives you command over the global attack surface from a single console to keep pace with IoT expansion



Traffic Flow Analysis gives direct insight to how IoT devices are using network policy and removes risk of hidden communication

Patch Simulation

With FireMon, once vulnerabilities are detected, you can model your patches to have the greatest effect, reducing risk and moving efficiently to protect the network.

Adaptive Controls

FireMon's adaptive controls respond to surges and drifts brought about by IoT changes, instantly generating policies and pushing them to the right enforcement point at every turn.

COMPETITIVE COMPARISON

FireMon - Continuous Security for the Hybrid Enterprise

FireMon's central console gives you comprehensive control as IoT expands the attack surface.

	FireMon	Tufin	AlgoSec	Skybox
Elasticsearch for data management	✓	N/A	N/A	N/A
Real-time monitoring	✓	N/A	N/A	N/A
Adaptive controls	✓	N/A	N/A	N/A
Attack and patch simulation	✓	N/A	N/A	N/A
Policy compute engine	✓	N/A	N/A	N/A
Open APIs	✓	N/A	N/A	N/A
IPv6 support	✓	N/A	N/A	N/A



TESTIMONIAL

I can single handedly do the analysis work of an entire remediation team, validate my findings, export the information in a format that is friendly to pass along to my admins, track remediation efforts and update documentation in one interface.

— Security Engineer, Southwest Airlines