Asset Manager

Real-time network discovery, identification, and threat detection

Problem Statement
- How can you be sure you are maintaining 100% visibility across your network?
- How do you discover & eliminate visibility gaps across your entire network?
- How do you achieve and maintain an accurate and real time view of your attack surface?

FireMon’s Answer
- Continuous discovery of the entire network infrastructure for every device and connection including firewalls, routers, end points, and cloud devices
- Multiple discovery protocols to support active, passive & targeted discovery methods
- Automatic device profiling, including IoT & operational technology

Business Outcomes
- Single source of reliable, consistent global asset and network data
- Reduced risk of exposure due to data breaches or network compromise
- Verified network and device data model; not just collected from other sources

Data Extensibility
- Swagger-based, bi-directional RESTful API simplifies integration
- Extend data to other solutions across security landscape, including CMBD, vulnerability scanners, network modeling/simulation, data lakes and more
- Accelerate incident response and reduce risk with SOAR and ITSM integrations

Key Differentiators
- Unmatched speed, scalability, and accuracy, using non-disruptive techniques
- API first approach with leading security vendors to support integration of newly found devices
- Agent-less mapping, reporting, and visualization

<table>
<thead>
<tr>
<th>Technique</th>
<th>Used By</th>
<th>Limitations</th>
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<tbody>
<tr>
<td>Agents</td>
<td>- Endpoint Mgt.&lt;br&gt;- Asset Mgt.</td>
<td>- Ports can be closed&lt;br&gt;- Not all devices support agents&lt;br&gt;- Typically miss ~30%</td>
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<tr>
<td>Credentials</td>
<td>- Vulnerability Mgt.&lt;br&gt;- Network Modeling&lt;br&gt;- Network Device Mgt.</td>
<td>- Creds = Access, not Discovery&lt;br&gt;- Typically miss ~30%</td>
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<td>Traffic Flow (network choke points)</td>
<td>- Network Access Control</td>
<td>- Must know ALL choke points&lt;br&gt;- Extensive deployment&lt;br&gt;- Typically miss ~50%</td>
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A Complete View of All Assets

FireMon Asset Manager provides unmatched, real-time cyber situational awareness that enables network and security teams to discover the darkest corners of their often-obscure infrastructure.
Success Stories

Defence Organisation with Over 100 Million IPs

Challenges
- Lack of visibility across their environment; couldn’t see assets that needed management, higher risk of threat actors
- Unable to support ongoing operations with existing security stack
- High number of personnel, at high cost, needed to achieve reporting

Outcomes
- 100 million IP spaces scanned
- Identified security boundaries, reduced threat actor risk, eliminated blind spots
- Identified inactive network segments to be shut down, reducing the cost of operations
- Staff members can be reassigned to other, more pressing projects

Global Banking and Financial Services Firm Managing Nearly $2 Trillion in Assets

Challenges
- M&A activity negatively impacted by incomplete, inaccurate IT asset information: lack of “cyber due diligence”
- Inability to visualize the entire network complicated security decisions, increased attack surface, opened new avenues for risk

Outcomes
- 17 million IP spaces scanned daily
- 300,000+ IP devices monitored in real-time
- 100,000+ previously unknown devices discovered

US Health Insurance Provider to Over 4.3 Million Members

Challenges
- Legacy endpoint management systems lacked adequate discovery, making accurate asset audit impossible
- Unable to validate security policies applied on all assets, dramatically increasing risk

Outcomes
- 240% increase in IP addresses discovered for complete visibility (40K to over 100K)
- 100% automatic discovery and identification of all assets on the network
- 0 unexpected compliance breaches

For more information about FireMon Asset Manager please email: sales@firemon.com

FireMon improves 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. Learn more at FireMon.com.