

Backed by McAfee Network Security Platform™ 1440 Security Intrusion Detection and Prevention services offer the most advanced technology at your network ingress points, examining traffic passing through at the application layer.

Managed Intrusion Detection and Prevention from 1440 Security monitors and blocks any data flows with malicious intent. 1440 Security maintains disciplined processes and expert staff, at its advanced security operations center (ASOC), that provides carefully tuned monitoring and oversight.



Protection Against Today's Stealthy Threats

Your network faces advanced stealthy attacks that can evade traditional detection methods, leaving applications and data exposed to crippling breaches and downtime. Unfortunately, most organizations lack the financial and operational resources to implement and manage the combination of tools and technologies required to provide an adequate defense.

1440 Every MinuteSM Intrusion Detection and Prevention combines intelligent threat prevention with intuitive security management to improve detection accuracy and streamline security operations. No single malware detection technology can prevent all attacks—which is why we use the McAfee NSP layers multiple signature and signature-less detection engines to help prevent unwanted malware from wreaking havoc on your network. It performs deep inspection of network traffic by using a combination of advanced technologies, including full protocol analysis, threat reputation, and behavior analysis to detect and protect against malware callbacks, denial-of-service (DoS), zero-day attacks, and other advanced threats.

Performance and Availability

1440 Every MinuteSM Intrusion and Protection Platform offers the best of both worlds—security and high performance. It combines a single-pass, protocol-based inspection architecture with purpose-built, carrier-class hardware to achieve real-world inspection of more than 40 Gbps with a single device. Its efficient architecture preserves performance regardless of security settings, while other IPS solutions can experience up to a 50% reduction in throughput with security-over-performance policies. We also provide active-active and active-passive with stateful failover, enabling you to meet high availability SLAs, while avoiding the bottlenecks of slower performing appliances or over-burdened stand-alone solutions.

Additional Features

Advanced Threat Prevention

- Inbound Secure Sockets Layer (SSL) decryption
- Supports Diffie-Hellman (DH) and Elliptic-Curve Diffie-Hellman (ECDH) ciphers using an agent-based, shared key solution with no impact on sensor performance (patent pending, for NS-series)
- Outbound SSL decryption (NS-series)
- McAfee Gateway Anti-Malware Emulation engine
- PDF JavaScript emulation engine
- Adobe Flash behavioral analysis engine
- Advanced evasion protection
- Mobile threat reputation and cloud analysis

Botnet And Malware Callback Protection

- DNS/DGA fast flux callback detection
- DNS sinkholing
- Heuristic bot detection
- Multiple attack correlation
- Command and control database

McAfee Global Threat Intelligence

- File and IP reputation
- Application and protocol reputation
- Geo-location
- Whitelisting based on McAfee Global Threat
- Intelligence categories

Advanced Intrusion Prevention

- IP defragmentation and TCP stream reassembly
- McAfee, user-defined, and open-source signatures
- Native support for Snort signatures (NS-series)
- Whitelist/blacklist enhancements in support of Structured Threat Information eXpression (STIX) (NS-series)
- Host quarantine and rate limiting
- Inspection of virtual environments
- Integration with McAfee Advanced Threat Defense
- HTTP response decompression support

DoS and DDoS Prevention

- Threshold and heuristic-based detection
- Host-based connection limiting
- Self-learning, profile-based detection

High Availability

- Active-active and active-passive with stateful failover
- External fail-open (active)
- Built-in fail-open
- Protocol tunneling support
- IPv6
- V4-in-V4, V4-in-V6, V6-in-V4, and V6-in-V6 tunnels
- MPLS, GRE, Q-in-Q Double VLAN

About 1440 SECURITY

We help organizations protect and secure their infrastructure and mission critical data from advanced cyberattacks. With our depth of cyber security expertise, Every MinuteSM monitoring and cyber threat detection we help remove complexity from security operations while providing our clients with the most comprehensive real-time cyber threat defense.