



Perimeter Defense and Cyber Deception Services

Filter the noise. Deceive the attacker.

The unprecedented volume of traffic hitting networks and increasing sophistication of threats leaves organizations vulnerable, unaware, and unable to rapidly respond to this new landscape.

Today's information security program demands a proactive approach that offers transparency. To answer this need, Sword & Shield's Managed Security Services offers advanced perimeter defense and automated deception services through our 24/7 security operations center (SOC).

Network Traffic Control

Stop unwanted, illegitimate and distracting traffic from entering your network environment.

We employ a traffic-centric approach to perimeter defense that leverages best-in-class traffic-reducing technology to easily stop more threats, and provides transparency and insight into traffic that is entering and leaving your network environment.

Throw Hackers Off the Scent with Cyber Deception

We use a unique array of sensors, redirection techniques, and triggers to create a dynamic and deceptive virtual minefield. With automated deception working at the perimeter, we can deceive and catch attackers during the discovery phase of an attack when they are most vulnerable.

Perimeter Defense and Cyber Deception Benefits

- Improve overall security performance and reduce security costs
- Build a deceptive and dynamic perimeter to fool and trap attackers & threats
- Reduce network traffic by up to 70%
- Increase compliance with regulatory standards
- Get transparency into perimeter traffic patterns
- Obtain real-time threat intelligence based on your network activity
- Optimize SIEM and improve firewall performance
- Protect against flooding and DDoS
- Customize reporting, analytics and forensics
- Protect on-premises or cloud environments

About Us

Securing business for more than 20 years, Sword & Shield Enterprise Security, Inc. partners with our customers to meet the needs of their dynamic cybersecurity and compliance landscape.

We work closely with companies to become tightly integrated with their enterprise operations in the areas of managed security, risk and compliance, enterprise security consulting, security incident response and forensics, and security training.

Recognized nationally and headquartered in Knoxville, Tennessee, Sword & Shield has offices throughout the US. Sword & Shield services a broad spectrum of industries, including healthcare, retail, media, banking and finance, legal and manufacturing.

Just Ask

Sword & Shield has vast experience in virtually every area of information security and compliance. If you need a service in these areas not specifically named in a description, the chances are we do it, and we do it well. So, just ask.

Advanced Perimeter Defense Use Cases

Firewall & SIEM Optimization

Optimized firewall performance and reduced logging and alerting in the SIEM. This introduces new defense, maintains legacy systems, increases security, and reduces costs.

Deception in All Directions

Highly believable, agent-less deception at the perimeter (North/South) and the interior (East/West) that is cost-effective and easily deployed.

Threat Intelligence

Active real-time intelligence at the perimeter and a dynamic, changing perimeter to capture new attack vectors.

Key Features

Advanced IP Filtering	Active Intelligence	Forensics & Analytics	Networking & Use
Home Dashboard Country/Co. Dashboards Network, Protocol, Port Time, Rate Bi-Directional Interception/Redirection Country Manager Company Manager	Virtual Minefield Threat Intelligence Business Intelligence Flood Sensors Rate Sensors Traps Decoy/Deception Alerting, Notification	Real-Time Logs NetCheck Advanced Analytics Searchable Logs Custom Reporting Web Analyzer Mail Analyzer Threat List Manager	Multi-User Multi-Gateway Fail-Through Inline or Cloud Active Updating Enterprise Management

Why Sword & Shield Enterprise Security

Technology firms that dabble in security tell you what you're doing wrong (or not doing at all) and walk away, leaving you without a plan of action. Sword & Shield partners with you to become an integral part of your cybersecurity and compliance program by not only identifying gaps and vulnerabilities, but also continuing to work with you to achieve and maintain a secure and compliant environment.

In short, Sword & Shield's depth and breadth of expertise in every aspect of our comprehensive portfolio of security services, coupled with our customer-first approach, empowers us to provide tailored solutions and personalized support for small to enterprise level companies. We strive to make your security and compliance initiatives as easy as possible on you.

This is what sets us apart from other information security and compliance firms.

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