Data Breach Threat Analysis

Malicious Activity Detection

Sword & Shield
ENTERPRISE SECURITY

How do you Know you Haven't Been Breached?

Data breaches are more stealthy and malicious than ever before. Many threats are programmed to remain unnoticed for as long as possible, until unleashed at an opportune time chosen to inflict maximum damage.

Although signs of the intrusion likely existed before detection, many of today's sophisticated data breaches go undiscovered for months. In fact, research shows one in 10 breaches discovered in 2016 went undetected for more than a year. Can you guess what the hackers are doing during this time? That's right, stealing your data.

The number one network vulnerability in most organizations is unpatched systems. Traditional anti-virus/anti-malware vendors simply can't keep up with the speed at which online criminals can produce threats.

Detection is the Key

Sword & Shield Enterprise Security's Data Breach Threat Analysis (DBTA) looks for and identifies previously undiscovered nefarious activity such as malware, dormant ransomware, and data exfiltration of sensitive information.

Sword & Shield *partners with you* through our DBTA service to identify the nature of the attacks, and determine if there is evidence of an active threat.

Data Breach Threat Analysis Approach

The Data Breach Threat Analysis is the result of data collected over a span of time, coupled with Sword & Shield's extensive incident response experience. The DBTA does the following:

- Profiles real-time attacks being perpetrated against the network.
- Determines the likely intent of the attacker.
- Detects malware and viruses that may have already been introduced.
- Identifies unsecured applications and vulnerabilities.
- Assesses if a breach has occurred through a known or unknown vulnerability (0-day).

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.

The Sword & Shield Difference

Sword & Shield's DBTA is more comprehensive than other companies' threat management approach. We conduct this service over a period of time in order to get an accurate assessment of traffic patterns and anomalous activity. Then, we employ our deep product knowledge of the tools we use to analyze the information the data provides.

If you are uncertain your network is safe, a Data Breach Threat Analysis identifies and disrupts threats before they cause damage.

Additional Services

As a full-service security and compliance firm, Sword & Shield offers a host of related solutions. In addition to the DBTA, clients may opt for these related services:

- Managed Security Service Provider
- Internal Penetration Testing

- Vulnerability Assessments
- Incident Response Planning

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.