

## BREACH!

*What happens now?*

*What did you lose?*

*Sensitive Data?*

*Proprietary Information?*

*Personnel Records?*

*Financial Records?*

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**Reputation** is one of an organization's most important and valuable assets. Reputation and brand image are perceived as very valuable...and highly vulnerable to negative events, including a data breach.

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*“Customers, it seems, lose faith in organizations that can't keep data safe and take their business elsewhere.”*

*-Ponemon Institute*

## The Bad Guys!

The actors in cyberspace who we need to worry about today are not the hobbyists who write viruses for sport. Rather, we should be highly aware of criminal enterprises and state sponsored cyber espionage actively stealing data. Criminals are after data that can be monetized and often employ fictitious emails known as spear phishing which dupe users into clicking links that result in infection as a means to steal data, often including personal identifiable information (PII). Worse yet, state sponsored attacks are well engineered viruses known as advanced persistent threats (APTs) designed to infiltrate a corporate network to gain access to and infiltrate intellectual property including designs, source code, and more. **Are you a target? Are you prepared?**

*According to a recent Rubicon Survey, 20% of the businesses that lost data, lost customers as a direct result.*

## Securing Networks. Protecting Our Customers.

If an organization does not take the time to properly secure their enterprise, the repercussions can be severe – fines, lawsuits, loss of critical data, to significant reputational damage.

With a professionalism that is unmatched, Sword & Shield's services have helped clients improve their defense against potential data compromise. Our unique testing platform, **Gauntlet™** has proven effective in both commercial and government environments, reaching beyond traditional vulnerability assessments and exposing hidden risks.

## Actionable Reports

Sword & Shield reviews collected data from multiple sources and provides an integrated network security analysis report. This report goes beyond the typical reporting provided by commercial scanning tools. Our consultants draw on their extensive experience and knowledge, ensuring that all vulnerabilities are categorized and documented. We use our in-depth reports, which feature network and system diagrams that clearly identify critical vulnerabilities, to provide a customized roadmap that leads your organization to a secure posture.

## Reliable and Economical

Many organizations recognize that the risks are real and are increasing their spending on information security. However, many corporate executives are unsure about the effectiveness of their information security programs.

*As Your Partner for a Secure Future,* stewardship is our commitment to you as a most valued component of our relationship. Sword & Shield consultants will test the effectiveness of your information security program using our steadfast methodology built on open source technology, providing a reliable and cost-effective solution.

## Increase Your Security

### Posture And Resist Attacks

Finding and fixing vulnerabilities is certainly a goal of any security assessment. With Sword & Shield's extensive line of security services, our consulting team can help your organization successfully identify and remediate vulnerabilities, thus increasing your security posture and ability to resist attacks.



## Services

### Vulnerability Scanning

Vulnerability scanning is the testing of the external or internal interfaces of a system in order to identify vulnerabilities.

### Penetration Testing

A project team will attempt to penetrate the defenses of an organization in order to test the effectiveness of current controls. A vulnerability scan is typically performed at the first stage of a penetration test.

### Web Application Assessment

Similar to vulnerability scanning and penetration testing, the web assessment helps to identify the weaknesses of and potential threats to your web application.

### Sensitive Data Discovery

Knowing where sensitive data is stored and how it is used is essential for preparedness, and in most cases the data isn't where you think it is or should be. Sword & Shield consultants will use tools to scan the network and pinpoint sources of confidential data, as well as additional subsets, copies and exports of that data identified in files and databases.

### Wireless Testing

Wireless tests attempt to discover wireless systems within the network, determine the access controls placed on those networks and identify any weaknesses.

### Social Engineering

Social engineering involves an attempt to gain unauthorized access to information through the human element, thus assessing the effectiveness of an organization's security training, policies and procedures. Examples of this testing include gaining unauthorized physical access through phishing emails, obtaining user identification and passwords through the help desk and gaining unauthorized information through temporary or new employees. We go further... into your physical environment...into your lobby, your finance office, your datacenter...if we can get there...who else can?

### Data Breach Threat Analysis

Sword & Shield security consultants will gather sources of information from agreed upon networks, systems and network devices, and analyze the information for evidence of current or previous cyber attacks.

