Digital Forensics

Digital technology often plays a role in data theft, employee theft, employee compliance and policy violation, embezzlement, fraud and commercial disputes, just to name a few. Proof of this with digital evidence can be the deciding factor in criminal, civil and corporate investigations.

For most businesses, the vast majority of information created digitally is stored on personal computers, network drives and other devices. This leaves the business susceptible to security threats, non-compliance and a loss of information. Digital forensics can uncover critical pieces of information, such as recovered communications and other electronic documentation.

If an attempt has been made to delete, erase, or otherwise hide critical evidence, you need the competent digital investigation capabilities of Sword & Shield Enterprise Security.

Digital Investigations

Sword & Shield maintains a state-of-the-art digital forensics lab that provides the ability to search and analyze electronic evidence, including computer hard drives, server hard drives, portable storage, cell phones, portable music players, and other devices. All aspects of evidence is verified, preserved and duplicated prior to any investigation.

Our eDiscovery team maintains strict chain-of-custody documentation to ensure the integrity of the evidence for litigation purposes.

Our Process

- **Consultation** – The process begins with a consultation session to ensure the appropriate services are provided to suit your needs.

- **Collecting the Evidence** – Forensic Discoveries works with you to ensure proper and secure packaging for evidence to be shipped to our examination lab. If the evidence cannot leave the location, Forensic Discoveries collects and verifies the evidence at your location.

- **Forensic Analysis** – While ensuring the proper chain of custody is maintained, Forensic Discoveries conducts a thorough investigation of the digital evidence to recover and analyze the information needed as determined in the consultation phase.

- **Reporting** – The results of the forensic examination procedures and findings are documented in a formal report including a summary of the findings and the information supporting the conclusion.

- **Expert Witness Support** – Forensic Discoveries provides expert witness testimony pertaining to the procedures and methodologies used in the investigation as needed.

- **Certifications** – Our certifications include CCE, SANS GCFA, and we are licensed certified private investigators in the state of Tennessee.

Data Recovery

When it comes to accidental or malicious data deletion, Sword & Shield’s experts use tools and techniques to examine computer media at a much deeper level than conventional operating systems allow. Because these explorations are a routine part of our digital forensic examinations, we are exceptionally well-equipped to recover your critical data.
eDiscovery

In 2006 amendments to the U.S. Federal Rules of Civil Procedure, codified the requirement to provide electronic information and records, referred to as electronically stored information (ESI). These changes brought about the term eDiscovery or Electronic Discovery and includes all electronic information which include:

- **Identification** – Locating potential sources of ESI and determining its scope, depth and breadth
- **Preservation** – Ensuring ESI is protected against inappropriate alteration or destruction
- **Collection** – Gathering ESI for further use in the electronic discovery process (processing, review, etc.)
- **Processing** – Reducing the volume of ESI and converting it, if necessary, to forms more suitable for review and analysis
- **Review** – Evaluating ESI for relevance and privilege
- **Analysis** – Evaluating ESI for content & context, including key patterns, topics, people and discussion
- **Production** – Delivering ESI to others in appropriate forms and using appropriate delivery mechanisms

The effort to comply with an eDiscovery request is often time-consuming and expensive due to the volume of information and records created and stored in electronic form, typically located throughout the enterprise in an unstructured manner.

We are well equipped to assist you in every stage of the eDiscovery process. Our investigators and consultants have served as experts in some of the largest eDiscovery cases, and will assist you in the same manner.

We Assist You at Each Stage of the eDiscovery Process:

- **Identification** – Locating potential sources of ESI and determining its scope, depth and breadth
- **Preservation** – Ensuring ESI is protected against inappropriate alteration or destruction
- **Collection** – Gathering ESI for further use in the electronic discovery process (processing, review, etc.)
- **Processing** – Reducing the volume of ESI and converting it, if necessary, to forms more suitable for review and analysis
- **Review** – Evaluating ESI for relevance and privilege
- **Analysis** – Evaluating ESI for content & context, including key patterns, topics, people and discussion
- **Production** – Delivering ESI to others in appropriate forms and using appropriate delivery mechanisms

Knoxville, Tennessee
1431 Centerpoint Boulevard
Suite 150
Knoxville, TN 37932
Phone: 800.810.1855

Nashville, Tennessee
131 Maple Row Boulevard
e500
Hendersonville, TN 37075
Phone: 615.928.1990

Portland, Oregon
1220 Main Street
Suite 400
Vancouver, WA 98660
Phone: 360.567.2587

Washington, DC
1655 N. Fort Myer Drive
Suite 700
Arlington, VA 22209
Phone: 703.351.5245

www.swordshield.com
sales@swordshield.com