

Digital Forensics

Digital evidence can be the deciding factor in criminal, civil and corporate investigations. 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.

For most businesses, the vast majority of information created digitally is stored on personal computers, network drives and other devices, leaving the business susceptible to security threats, non-compliance and a loss of information. As a discipline, 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 our professionals.

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 a strict chain-of-custody documentation to ensure the integrity of the evidence for litigation purposes.

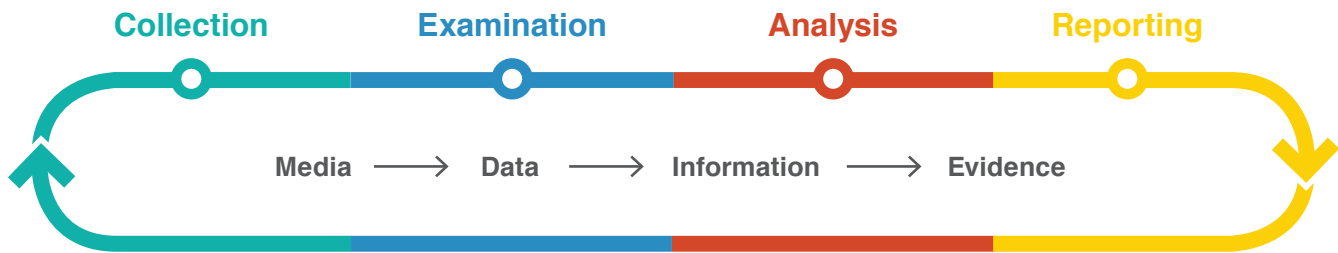
Our Process

- **Consultation** – *The process begins with a consultation session to ensure the appropriate services are provided to suit your needs.*
- **Collecting the Evidence** – *Forensic Discoveries will work 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 will collect and verify the evidence at your location.*
- **Forensic Analysis** – *While ensuring that 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.

The Forensics Lifecycle



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:

- **Word Documents**
- **Spreadsheets**
- **Email**
- **Audio & Video**

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

For more information, visit <http://www.swordshield.com>.

