

Build a proactive strategy and deeper insight around your program with forensic analysis

Deeper insight

Analyze and understand evidentiary data sources beyond discovery documents.

Strategic advantage

Stay a step ahead of adversaries and avoid potential challenges.

Expert testimony

Develop compelling narrative around the facts, and deconstruct opposing experts.

Challenges We Address

Today's diverse, voluminous, and often complex data sources contain a wealth of evidentiary information that exist beyond the scope of traditional discovery. While ediscovery and document review centers on custodian communications (email, chat messages, etc.), forensic analysis uncovers evidence related to custodian behavior (mass deletions, accessing external devices and cloud repositories, and the use of so-called private communications channels to create a digital audit trail.). In addition, many of today's businesses face the following challenges.

- **Lack of technical expertise** — Many teams do not have the skillsets to meaningfully decipher nuanced forensic evidence such as metadata time stamps, application/OS artifacts, deleted information, and web browsing history.
- **Time constraints** — Today's litigation adversaries commonly use motion practice, inspection demands, and other discovery measures related to forensics to increase costs and create a sideshow unrelated to the merits of the case. Regulatory investigations are often compromised because of the inability to precisely translate what occurred in a timely manner.
- **False narratives** — Left unchecked, opposing forensic experts can paint a one-sided picture of what the facts purportedly show, putting litigants on their heels, as they attempt to reshape the narrative..
- **Unsure how to prioritize** — Litigants, investigators, and their counsel routinely struggle to determine where to start and how to prioritize behavioral forensic analysis, leading to wasted time and money.

Benefits We Provide

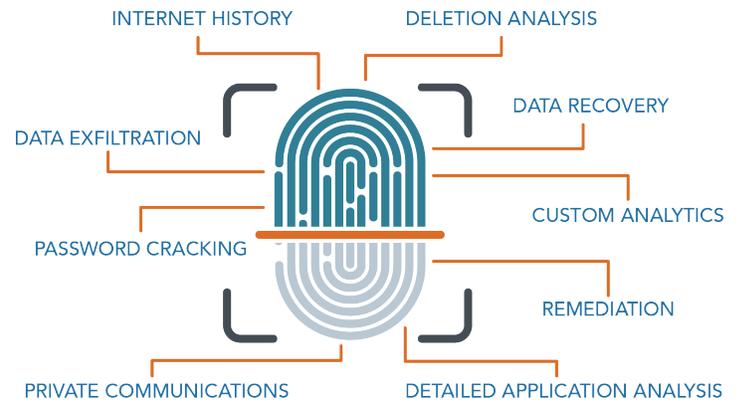
Lighthouse's team will provide you with industry-leading expertise and access to the latest tools and techniques to ensure an efficient process. We help you build concrete, actionable intelligence around what forensics the

evidence shows (or does not show), and demystify the technical nuances while plainly communicating findings to counsel to allow for actionable decisions. Our team can assist you in deconstructing opposing experts' reports and opinions, and help you prepare for the expert's deposition and/or cross-examination. We empower you to negotiate examination protocols with opposing counsel that protect client rights and are appropriately tailored for the matter at hand. In addition, we help you understand the cost and benefits of certain forensic analysis methodologies to maximize your return on investment.

SERVICES

Our forensics experts leverage a wide variety of methodologies and techniques to address the specific fact pattern in each client engagement. We consult with you to design an appropriate plan and budget, often using a phased approach.

- **Computer basics** — Determine operating system and user profiles present, partitions, file systems, encryption present, dates of installation, etc.
- **Data exfiltration** — Search for evidence of misappropriation of confidential/trade secret information and analysis of forensic artifacts.
- **Deletion analysis** — Leverage several techniques to pinpoint if, when, and what deletions have occurred, and in some instances, recover that data.
- **Internet history** — Examine, browse, and search history on computers or mobile devices.
- **Private communications** — Identify and parse artifacts related to the usage of webmail, instant messaging, or chat applications (such as Slack, WhatsApp, Skype, or WeChat), and text messaging.
- **Data recovery** — Utilize various avenues for reconstructing deleted files, emails, etc.
- **Password cracking** — Deploy dictionary and/or brute-force methods.
- **Detailed application analysis** — Perform reverse engineering-type analysis to understand the inner workings of a particular application in question.
- **Custom analytics** — Execute detailed work related to novel questions regarding structured data sources that cannot be handled using off-the-shelf tools and compile reports in order to form expert opinions.
- **Remediation** — Ensure unwanted or inadvertently acquired data is permanently deleted, including preventative erasure measures, to either avoid litigation or at the conclusion of a dispute.



Summary

Leverage Forensic Analysis services to realize better outcomes through our deep expertise and examination on appropriate matters.

Connect with us to see how Lighthouse can best support you.

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