

# Forensic Investigation and Analysis



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

## Sense of Security

Identify and take action when departing employees misappropriate confidential information

## 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 document discovery. Forensic clues abound related to issues such as the use of external devices and cloud repositories, deletions, and so-called private communications channels (e.g., messaging, texting, WhatsApp, WeChat, Skype Messenger, GPS coordinates, web browsing/searching, and mobile device usage). In addition, many of today's businesses face the following challenges.

- **Lack of technical expertise** — Without a skilled advisor, it can be challenging 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 accelerate costs and create a sideshow unrelated to the merits of the case. Regulatory investigations are often compromised because of the inability to translate precisely 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 and struggling to reshape the narrative with the fact finder.
- **Unsure how to prioritize** — Litigants, investigators, and their counsel routinely struggle to determine where to start and how to prioritize this type of forensic analysis, leading to wasted time and money.

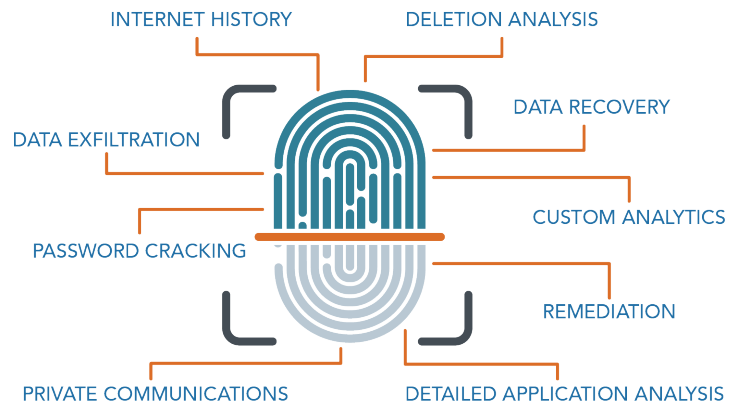
## Benefits We Provide

Lighthouse's team will provide you with industry-leading expertise and access to the latest tools and techniques to ensure an efficient process. We aim to help you build concrete, actionable intelligence around what forensic evidence shows (or does not show), and we will demystify the technical nuances and communicate it to counsel to allow for actionable decisions. Our team will assist you in deconstructing opposing experts' reports and opinions, and can help 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 will help you understand the cost and benefits of certain forensic analysis methodologies so that you can maximize the return on investment on spend towards such analysis.

## SERVICES

Lighthouse's forensic 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 work 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 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, render reporting, and form expert opinions.
- **Remediation** — Ensure unwanted or inadvertently-acquired data is permanently deleted, including prophylactic excision to avoid litigation or after the conclusion of a dispute.



## Summary

Litigants who leverage Lighthouse's deeply experienced forensics team can realize better outcomes by leveraging their expertise and analysis on appropriate matters.

## About Lighthouse

For 25 years, Lighthouse has provided innovative software and services to manage the increasingly complex landscape of enterprise data for compliance and legal teams. Lighthouse leads by developing proprietary technology that integrates with industry-leading third-party software, automating workflows, and creating an easy-to-use, end-to-end platform. Lighthouse also delivers unique proprietary applications and advisory services that are highly valuable for large, complex matters, and a new SaaS platform designed for in-house teams. Whether reacting to incidents like litigation or governmental investigations, or designing programs to proactively minimize the potential for future incidents, Lighthouse partners with multinational industry leaders, top global law firms, and the world's leading software provider as a channel partner.

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

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