



## Lowers & Associates Digital Forensics Services

Over the last decade, the field of computer forensics and eDiscovery has expanded greatly, mirroring the explosion of digital data in society at large. What began as a practice of a select few technical experts has become a field in which thousands are involved. Computer evidence is now a mainstay not only in criminal matters, but also in civil discovery, internal corporate investigations, and computer security incident response. In each of these situations, the authentication and presentation of electronic evidence at trial is either a primary goal or, at a minimum, a consideration that investigators must take into account.

In the event of a data break-in, fraud perpetration, or other unforeseen act requiring the recovery of data, Lowers & Associates (L&A) offers its digital forensics capability. We are able to provide our services to respond to any of the following needs:

- ❑ Investigating crimes and inappropriate behavior;
- ❑ Reconstructing computer security incidents;
- ❑ Supporting due diligence for audit record maintenance; or
- ❑ Recovering from accidental system damage.

Without such a capability, an organization will have difficulty determining what events have occurred within its systems and networks, i.e., exposures of protected, sensitive data. In addition, handling evidence in a forensically sound manner is required for new Federal Rules of Civil Procedure and their relation to mandated eDiscovery processes. From maintaining proper chain of custody through file analysis and expert witness, our experts can help.

Our process follows industry best practice in digital forensics:

- ❑ **Collection & Preservation:** Seal Evidence Sources, Write Block, Collect Application Data, Collect Configuration Data, Collect Event Log Data, Collect Data Files, Collect Operating System Data, Collect Network Traffic Data
- ❑ **Examination:** Process Data Structures, Extract Data, Recover Unallocated Data
- ❑ **Analysis:** Text Analysis, Image Analysis, Video Analysis, Executable Analysis
- ❑ **Reporting:** Work Performed, Findings, Evidence

As an organization with its foundation in internal and external crime, our digital forensics investigators are able to work on electronic evidence matters pertaining to data theft and breaches, embezzlement, contract disputes and data recovery. Furthermore, L&A's forensics examiners are able to serve as expert witnesses in a variety of cases, including Theft of Proprietary Data, Embezzlement, Fraud, Electronic Forgery, Breach of Contract, Computer Trespass or Sabotage, Interception of Electronic Communications, Spoliation, or Trade Secret Theft.