



Interhack  
5 E Long St 9th Fl  
Columbus, OH 43215

VOX +1 614 545 HACK  
FAX +1 614 545 0076  
WEB <http://web.interhack.com/>

## Litigating With Electronic Information

INTERHACK IS A COMPUTER EXPERT FIRM formed in 2000 to find the right questions to ask and the best answers that science can provide. Our experience as testifying and consulting experts includes civil, criminal, and administrative matters. Our perspective is broad, having worked for plaintiffs, defendants, and the Court.

Whether handling a "computer case" or one that simply might involved electronic discovery, an attorney can benefit greatly from the support of an expert who understands where to look for information, how to make sense of it, and how to interpret it.

If you're not sure whether a computer expert can help you, just give us a call. We'll be happy to speak with you about whether it makes sense to retain a computer expert and how the expert can help.

### *Some Highlights of Our Work*

***In Re Pharmatrak Privacy Litigation*** We performed analysis and provided expert opinion describing the function of a Web application and data collected as a consequence of its implementation. The opinion was used in a leading ruling by the U.S. Court of Appeals for the First Circuit on the application of Federal wiretap statutes to Web technology.

***Sony BMG "Rootkit" Digital Rights Management Litigation*** Using our research experience with various Compact Disc standards, we consulted with counsel to help bring about a speedy resolution to the dispute.

***John W. Ferron v. Search Cactus, LLC, et al.*** We explained computer technology related to the storage and management of email and Web history. In response, the Court offered a novel protocol for electronic discovery where sensitive data are involved.

***New York Stock Exchange Specialists Litigation*** Working with an economist, we developed software to analyze large sets of transactional data to identify trades not permitted under NYSE rules.

### *Some Applications of Our Work*

- Disassembling and discussing complex Web applications to establish not only what they were designed to do but what they could technically do, and what would happen under various circumstances.
- Determining the author of harassing and threatening messages written with a computer, whether delivered by email or printed and physically delivered.
- Uncovering internal fraud, where employees redirected company funds to themselves.
- Recovering encrypted data relevant to legal proceedings.
- Examining equipment used by suspects to find electronic evidence linking them to physical crimes.
- Studying electronic evidence to show where opposing counsel have gone beyond the science in their assertions.
- Helping in-house counsel to comply with discovery requests without enabling plaintiffs attorneys to go on fishing expeditions in the corporate records.
- Assessing a possible intrusion for risk of exposure or corruption of confidential information, extent of compromise, and corrective course of action.

## Services To Help You

**Expert Testimony** Presentation of expert analysis. As teachers with experience defending their work, our experts work not only to find the right answer but to help the audience to understand why their answer is right.

**Forensic Consultation and Analysis** Technical analysis of data or programs for legal argumentation. Explanation of computer or networking technology to attorneys, including assistance in definition of discovery, deposition, and cross-examination of experts.

**Data Recovery** Recovery and reconstruction of data apparently deleted, damaged or lost.

**Electronic Discovery** The collection, preservation, analysis, and presentation of electronic information. Includes consultation about reliable data transformation and loading data to in-house or outsourced review platforms.

## Why Interhack?

We have been working at the cutting edge of the intersection of law and technology since 2000. Our work has been used to establish precedent in the courts. Beyond the courts, our work can be found cited or published in *The Stanford Law Review*, *I/S: A Journal of Law and Policy for the Information Society*, and university law courses throughout the United States.

Interhack is much more than a referral service or group of computer technicians. Our experts are scientists, working and training together as teams, ensuring consistency in meeting the highest possible standards.

Whether you've got a legal proceeding underway or are looking for the most prudent course to pursue where there is risk of litigation cropping up in the future, we'll be happy to discuss how our practice can support your objectives.

FOR MORE INFORMATION, contact Abby Park—[abbyp@interhack.com](mailto:abbyp@interhack.com).

## Some of Our Experts

**C. Matthew Curtin, CISSP** is the Founder of Interhack Corporation and a Lecturer in the Department of Computer Science and Engineering at The Ohio State University. He analyzes information technology and electronic stored information to answer questions that arise in adjudication. Mr. Curtin's areas of expertise include Forensic Computing, Information Assurance, Electronic Discovery, Cryptography, Operating Systems, Software, and Internet Protocols.

Mr. Curtin is the author of *Brute Force: Cracking the Data Encryption Standard* (Copernicus, 2005), a firsthand account of his work helping to break a message encrypted with a sitting U.S. Government standard for data encryption. His previous book is *Developing Trust: Online Privacy and Security* (Apress, 2001).

**Robert F. Mathis, PhD, CISSP** is a Staff Scientist at Interhack Corporation and a senior lecturer for the Department of Computer Science and Engineering at The Ohio State University. Dr. Mathis has served as an expert witness on behalf of the U.S. Air Force in a multimillion dollar computer software contract dispute and a private company dispute related to compiler implementation. His areas of expertise include Programming Languages, Computer Security, Forensic Computing, Operating Systems, and Software Development.

Dr. Mathis has chaired several national and international committees to standardize computer programming languages including: chairman of the International Organization for Standardization (ISO) committees for Ada, Lisp, Prolog, and Java; chairman of the U.S. committee for Common Lisp; and chairman of the U.S. technical committee coordinating international programming language standards.