

INTERHACK

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C. Matthew Curtin

COMPUTER EXPERT with wide experience in Information Assurance and Forensic Computing. Experienced expert witness in both civil and criminal matters, working for plaintiff, defendant, and directly for the Court. Founder of Interhack Corporation. Author of technical books and research papers used by universities and standards bodies. Lecturer in the Department of Computer Science and Engineering at The Ohio State University.

Areas of Expertise

Forensic Computing; Information Assurance; Electronic Discovery; Cryptography; Security-Related Protocols and Applications; Operating Systems; Programming Languages; Internet-related Protocols

Recent Publications

Using Science to Combat Data Loss: Analyzing Breaches by Type and Industry
I/S: A Journal of Law and Policy for the Information Society,
Volume 4, Issue 3, Winter 2008–09. Coauthored with Lee T. Ayres.

Brute Force: Cracking the Data Encryption Standard
Copernicus Books, 2005. First-hand account of helping to lead the project that first defeated DES in a public contest.

Developing Trust: Online Privacy and Security
Apress, 2001. Discussion of privacy as an aspect of data security. Cited by NIST in SP 800-44.

Professional Membership and Certifications

InfraGard Members Alliance; Association for Computing Machinery. Certified Information Systems Security Professional (CISSP).

CONTACT US to request a full curriculum vitae and to speak with Mr. Curtin about how a computer expert can support your case.

Applications of Expertise

Data Breach and Incident Response

Led assessment teams used to assess data breach incidents for counsel to government agencies, universities, and corporations.

Enterprise Data Encryption

Advised organizations on use of enterprise-wide cryptographic controls, including development of internal standards to ensure interoperability among products and across platforms. Work helped lead multibillion dollar retailer to early PCI Data Security Standard compliance.

John W. Ferron v. Search Cactus, LLC, et al., 2008

Consulted to defense counsel on ESI and computer technology and submitted two declarations for the Court. Matter subsequently dismissed on motion by plaintiff.

Sony BMG CD Technologies Litigation. U.S. District Court, Southern New York, 1:05-cv-09575-NRB, 2005

Served as technical consultant to plaintiff's counsel in civil proceedings over the digital rights management scheme on Sony BMG music CDs.

Pharmatrak, Inc. Privacy Litigation. U.S. Court of Appeals, First Circuit, 329 F.3d 9, 2003.

Led forensic data analysis of Pharmatrak's systems for plaintiffs' counsel. Analysis used by the court to clarify "protected content" under ECPA on the Web.

Doe v. Doe, (Confidential) 2007–2009

Analyzed Web sites and computer data. Submitted written report, deposed, and testified at pretrial hearing. Addressed questions regarding possible spoliation of evidence.

New York Stock Exchange Specialists Litigation, 2007–Present

Pending. Technical analysis of New York Stock Exchange trading data to categorize trades using criteria of market experts. Submitted two expert reports and deposed.