

Dr. Eric Cole, Ph.D.

Cybersecurity Expert Witness

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EXPERT OVERVIEW

Cybersecurity and technology expert witness with over 30 years of practical, hands-on experience. Works on a wide range of cases, including IP litigation, apportionment, trade secrets, and cybersecurity breaches. Extensive experience with report writing, depositions, and testifying at trial. Actively worked in the industry and have extensive experience implementing and working with a variety of technologies across, cybersecurity, networking, and operating systems. Former adjunct professor at Georgetown University, NY Institute of Technology, and a guest lecturer at Purdue, MIT, Harvard, and Berkeley. Served as a member of the Presidential Commission on Cybersecurity and member of several advisory boards. Author of several textbooks and books and inducted into the InfoSec European Hall of Fame in 2014.

PROFESSIONAL EXPERIENCE

Secure Anchor Consulting Services: 2005-Present

Founder and CEO

Provides consulting services to Fortune 500, Fortune 50, financial institutions, international organizations and the federal government. Employs cutting edge technology and technical components (network security, network architecture, and incident response, NOC/SOC design) to provide security solutions.

SANS (SysAdmin Audit Network Security): 1999-2019

Director of the Cyber Defense Initiative

Lead instructor and course developer for several security courses, including the top selling courses. Executed and contributed to the development of several of the GIAC certifications including GIAC Certified Security Essentials (GSEC).

McAfee: 2009-2010

SVP, CTO of the Americas

Responsible for influencing the company's strategic and technical direction, development, and growth as the global leader in digital security solutions. Worked closely with CEO, EVP of Product Operations, and other stakeholders to establish a product vision and road map to achieve McAfee's goals.

Lockheed Martin: 2005-2009

IS&GS Chief Scientist

LM Senior Fellow

The Sytex Group, Inc. (TSGL) was acquired by Lockheed Martin with a key component being the intellectual property created under the CTO leadership. As Lockheed Martin Chief Scientist, performed research and development to advance the state-of-the art in information systems security.

The Sytex Group, Inc. (TSGI): 2001-2005

Chief Technology Officer (CTO)

Created an intellectual property portfolio that included patents, journals, books, and white papers, resulting in an overall increase in market value and customer engagement. Yearly patents were in line with the top 1000 producing patent companies in the United States.

GraceIC: 2000-2001

Chief Security Officer (CSO)

Designed and executed strategy for establishing GraceIC as a leader in the network security arena.

American Institutes for Research: 1999-2000

Chief Information Officer (CIO)

Re-worked the IT infrastructure based on the organization having experienced several security breaches, virus outbreaks and unreliable performance on the network. Provided technical support for DARPA-sponsored research projects.

Vista Information Technologies: 1998-1999

VP of Enterprise Security Services

Developed the Enterprise Security Services Group and was responsible for all internal and external security issues.

Teligent: 1996-1998

Director of Security

Created and managed IT Corporate Security Department. Evaluated strategic plans and operational activities by performing risk assessment and determining how it might impact corporate security.

Central Intelligence Agency: 1991-1996

Program Manager / Technical Director for the Internet Program Team with Office of Technical Services

A Senior Officer of the agency that implemented the Internet Program Team The team designed, developed, tested, and deployed products over three to six-month intervals. Received letter of appreciation from the DCI (Director of Central Intelligence) and six Exceptional Performance Awards. Evaluated and performed security assessment of network operating systems.

EDUCATION

Doctorate degree in Network Security, Pace University 2004

Master of Science in Computer Science, New York Institute of Technology (Honors)1994

Bachelor of Science in Computer Science, New York Institute of Technology (Honors) 1993

CERTIFICATIONS

CISSP (Certified Information Systems Security Professional)

Created several of the GIAC (Global Information Assurance Certification) programs and exams

ORGANIZATIONS / MEMBERSHIPS

Association for Computing Machinery (ACM)
Institute of Electrical and Electronics Engineers (IEEE)
Computer Security Institute (CSI)
Information Systems Security Association (ISSA)
International Computer Security Association (ICSA)
International Who's Who in Information Technology
Common Vulnerability and Exposures (CVE) - member of the editorial board (by invitation only)
HoneyNet Project - member (by invitation only)

BOOKS

Eric Cole. *Cyber Crisis*. BenBella Books, 2021.
Eric Cole. *Online Danger: How to Protect Yourself and Your Loved Ones From the Evil Side of the Internet*. Morgan James Publishing, 2018.
Eric Cole. *Advanced Persistent Threat: Understanding the Danger and How to Protect Your Organization*. Syngress, 2012.
Eric Cole. *Network Security Bible. 2nd Edition*. Wiley, 2009.
Eric Cole, Ronald L. Krutz, James Conley, Brian Reisman, Mitch Ruebush, Dieter Gollman, and Rachele Reese. *Wiley Pathways Network Security Fundamentals Project Manual*. Wiley, 2007.
Eric Cole and Sandra Ring. *Insider Threat: Protecting the Enterprise from Sabotage, Spying, and Theft*. Syngress, 2006.
Eric Cole. *Hiding in Plain Sight: Steganography and the Art of Covert Communication*. Wiley, 2003.
Eric Cole. *Hackers Beware: The Ultimate Guide to Network Security*. New Riders/Sams Publishing, 2001.

RECENT EXPERT WITNESS TESTIMONY

Sunstone Information Defense v. International Business Machines Corporation, United States District Court Western District of Texas (Waco Division)

Case No. 6:20-cv-01033-ADA

Provided expert reports, depositions, demonstration, and testimony on behalf of plaintiff Sunstone Information Defense (2022)

Trustees of Columbia University in the City of New York v. Nortonlifelock, Inc., United States District Court for the Eastern District of Virginia (Richmond Division)

Case No. 3:13-cv-00808

Provided expert reports, depositions, demonstration, and testimony on behalf of plaintiff Trustees of Columbia University in the City of New York (2022)

Appian Corporation v. Pegasystems Inc. and Youyong Zou, Fairfax County Circuit Court

Case No. 2020-07216

Provided expert reports, depositions, demonstration, and testimony on behalf of plaintiff Appian Corporation (2022)

Shana Doty v. ADT, LLC d/b/a ADT Security Services, United States District Court for the Southern District of Florida (Fort Lauderdale Division)

Case No. 20-cv-60972

Provided expert witness consulting services, expert report, and deposition services on behalf of plaintiff Shana Doty. (2020)

United States of America v. Lucy Xi, United States District Court for the Eastern District of Pennsylvania

Criminal Action: 16-22-5

Provided expert witness consulting services on behalf of defendant Lucy Xi (2021)

Centripetal Networks, Inc. v. Lookingglass Cyber Solutions, Inc., et al., United States District Court for the Eastern District of Virginia (Richmond Division)

Case No. 3:21-cv-000597

Provided expert witness consulting services on behalf of plaintiff Centripetal Networks, Inc. (2022)

Root Insurance Co. v. Genpact (UK) LTD., JAMS Arbitration

REF. No. 1450007525

Provided expert reports, depositions, and arbitration support on behalf of respondent Genpact (UK) LTD. (2022)

Sprint Communications LP v. Charter Communications Inc., et al., United States District Court of Kansas (Kansas City)

Case No. 2:20-cv-02161

Provided expert witness consulting services on behalf of defendant Charter Communications Inc. (2021)

Securities and Exchange Commission v. Zhoubin Hong, et al., United States District Court for Central District of California

Case No. 2:20-cv-04080-MCS

Provided expert report on behalf of plaintiff Securities and Exchange Commission (2021)

Synopsys, Inc. v. Risk Based Security, Inc., United States District Court for the Eastern District of Virginia (Richmond Division)

Case No. 3:21-cv-00252

Provided expert report, deposition, and demonstration on behalf of plaintiff Synopsys, Inc. (2022)

Cox Automotive, Inc., et al. v. The Reynolds and Reynolds Company, American Arbitration Association

AAA Case No. 01-19-0000-4548

Provided expert report on behalf of respondent The Reynolds and Reynolds Company (2021).

Bitglass, Inc. v. Netskope, Inc. et al., United States District Court for the Northern District of California (San Francisco Division)

Case No. 3:20-cv-005216

Provided expert report on behalf of plaintiff Bitglass, Inc. (2020).

Freshub, Inc. et al. v. Amazon.com, Inc. et al., United States District Court of Texas Western District,
Case No. 6:21-cv-00511-ADA
Provided expert report, deposition testimony, and trial testimony on behalf of plaintiff
Freshub, Inc. et al. (2021).

Finjan, Inc. v. Cisco Systems, Inc., United States District Court of California Northern District,
Case No. 5:17-cv-00072-BLF-SVK
Provided expert report and deposition testimony on behalf of plaintiff Finjan, Inc (2020).

Unified Patents Inc. v. Kioba Processing LLC, US Patent Trial and Appeals Board,
Case No. IPR2020-01695
Provided expert declaration on behalf of plaintiff Unified Patents Inc. (2020).

Mark Voelker v. BNSF Railway Company, United States District court of Montana Missoula Division,
Case No. 9:18-CV-00172-DLC
Provided expert report on behalf of defendant BNSF Railway Company. (2020).

BrandRep LLC v. Ruskey et al., Court of Chancery of The State of Delaware,
Case No. 2018-0541-SG.
Provided expert report and deposition testimony on behalf of defendant Ruskey et al. (2020).

Association of Owners of Kukui Plaza v. American Savings Bank FSB, Circuit Court of the First Circuit,
State of Hawai'i,
Case No. 18-1-0660-05
Provided expert report on behalf of defendant American Savings Bank FSB (2020).

Centripetal Networks, Inc., v. Cisco Systems, Inc., United States District Court of Virginia Eastern
District,
Case No. 2:18-cv-00094
Provided expert report, deposition testimony, and trial testimony on behalf of plaintiff
Centripetal Networks, Inc (2020).

Unified Patents v. TransactionSecure LLC, United States Patent Trial and Appeals Board,
Case No. IPR2020-00321
Provided written declaration on behalf of the petitioner Unified Patents (2019).

Glenn Winder v. Marriott International, Inc., et al., Ontario Court of Superior Justice
Case No. CV-1800611365-00CP
Provided written opinion on behalf of the plaintiff Glenn Winder (2019).

Fortinet, Inc. v. British Telecommunications Public Limited Company, United States Patent Trial and
Appeals Board,
Case No. IPR2019-01327 and IPR 2019-01328
Provided written declaration on behalf of the patent owner British Telecommunications
(2019).

FFinjan, Inc. v. Juniper Network, Inc., United States District Court of California Northern District
Case No. 3:17cv5659
Provided expert report, deposition testimony, and trial testimony on behalf of plaintiff Finjan, Inc (2019).

Vivian Deveroux V. Apple, Inc., Superior Court of the State of California County of Santa Clara
Case No. 1-14-cv-271773
Provided expert report and deposition testimony on behalf of plaintiff Vivian Deveroux (2019).

United States of America v. Shan Shi et al., United States District Court for the District of Columbia
Case No. 1:17-cr-00110-CRC
Provided trial testimony on behalf of defendant Shan Shi et al (2019).

Colortokens, Inc. v. Medovich, United States District Court for the California Northern District
Case No. 3:18-cv-2444
Provided expert opinion on behalf of defendant Medovich (2019).

Avepoint, Inc. v. Onetrust, LLC., Patent Trial and Appeals Board, Post Grant Review
Case No. PGR 2018-00056
Provided expert report on behalf of plaintiff Avepoint, Inc. (2019).

Centripetal Networks, Inc., v. Keysight Technologies, United States District Court of Virginia Eastern District,
Case No. 2:17-cv-3836
Provided expert report, deposition testimony, and trial testimony on behalf of plaintiff Centripetal Networks, Inc (2018).

Gubarev et al. v. Buzzfeed, Inc. et al., United States District Court for Florida Southern District,
Case No. 0:17-cv-60426
Provided expert report on behalf of plaintiff Gubarev et al. (2018).

Daniel Bennett. v. Lenovo (Canada) Inc. et al., Ontario Superior Court of Justice,
Court File No. CV-15-00523714-00CP
Provided expert consultation behalf of plaintiff Daniel Bennett. (2018).

Finjan, Inc. v. Blue Coat Systems, Inc., United States District Court of California Northern District
Case Nos. 5:15-cv-3295; 5:13-cv-3999
Provided expert report, deposition testimony, and trial testimony on behalf of plaintiff Finjan, Inc (2018).

Zscaler, Inc., v. Symantec Corporation, United States Patent Trial and Appeals Board,
Case No. IPR2018-00929
Provided written declaration on behalf of the patent owner Symantec Corporation (2018).

YLD Limited v. The Node Firm, LLC et al., United States District Court for the Northern District of California (San Francisco)

Case No. 3:16-cv-399

Provided expert report and deposition testimony on behalf of defendant The Node Firm, LLC et al. (2017).

Phishme, Inc. v. Wombat Security Technologies, Inc., United States District Court of Delaware

Case No. 1:16-cv-403

Provided expert report, deposition testimony, and supplemental expert report on behalf of plaintiff Phishme, Inc (2017).

Smith et al v. Federal Title & Escrow Company et al, United States District Court for the District of Columbia,

Case No. 1:17-cv-1580

Provided expert opinion on behalf of plaintiff Smith et al (2017).

Unified Patents Inc. v. Universal Secure Registry LLC, US Patent Trial and Appeals Board,

Case No. IPR2018-00067

Provided expert declaration, deposition testimony, and supplemental expert declaration on behalf of plaintiff Unified Patents Inc (2017).

BASCOM Global Internet v. AT&T Mobility LLC, United States District Court for the Northern District of Texas,

Case No. 3:14-cv-03942

Provided expert report on behalf of the defendant AT&T Mobility LLC (2017).

i Ongoing cases are not included for client confidentiality