

Curriculum Vitae

Erik A. Venema
Digital Forensic Examiner
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Expert Witness Testimony

01/2010 SEI Investments Co. v. Bryan Dori and Market Street Advisors, Civil Action No. 07-27446, Court of Common Pleas for Montgomery County Pennsylvania. Theft of Intellectual property discovery hearing.

Expert Litigation Consultation

04/2021 *Name Withheld* - Ransomware attack – recovery and review of client data on Dark Web and working daily with C-Suite and internal and external counsel

11/2019 *Name Withheld* - Ransomware attack – recovery, preservation and data sanitization of client data

08/2018 *Name Withheld* – Ransomware attack in a supermarket chain, decryption of encrypted files, data sanitization and large-scale preservation and daily consulting with both internal and outside counsel

04/2016 *Name Withheld* – *Civil Litigation* – Dispute over drug IP, Boston, MA – forensic imaging, analysis, affidavits, and appearance with both parties for review of new drug development

01/2014 *Name Withheld* – \$1.6B Corporate Divestiture and remediation of IP, Chippenham, UK, Melbourne, AU, Madrid, Spain – development of remediation protocol, onsite forensic analysis for proprietary data and remediation of identified data globally

U.S. Inspector General – Both in-lab and onsite review of aircraft wreckage and personal electronics in Florida for military aircraft crash

09/2013 *Name Withheld* – Theft of \$5M from plaintiff, New York, NY – forensic imaging and analysis, affidavits and certifications

10/2012 *Name Withheld* (as representative Librarian of Congress) – Leak of U.S. Government information to the press, Washington, D.C.- Forensic Analysis and written affidavit

10/2012 Drive recovery for missing person – PA Center County District Attorney Ray Gricar death in 2006 – laptop recovered in the Susquehanna River

06/2012 *Name Withheld* – *Civil Litigation* – Theft of intellectual property and remediation of such, Philadelphia, PA – drafting of Written Protocol for preservation, analysis, and remediation of stolen IP (Morgan, Lewis, & Bockius LLP)

03/2010 MV Angeln Sinking - black box and bridge computer analysis and reconstruction to virtual machine to determine cause of ship capsizing for litigation

12/2006 Nixmary Brown – New York, NY – forensic analysis for a high-profile child homicide case in place of NYPD analysis

Appearances in the Media

12/2012 CBS News interview in Kroll Forensic Lab regarding the Sandy Hook shootings and Adam Lanza's computer recovery

12/2012 CNN Wolf Blitzer's Situation Room interview in Kroll Forensic Lab regarding the Sandy Hook shootings and Adam Lanza's computer recovery

Digital Forensics Professional Certifications

05/2025 Department of Defense Digital Forensic Examiner (Department of Defense Cyber Crime Center)
05/2025 Department of Defense Digital Media Collector (Department of Defense Cyber Crime Center)
03/2009 IACIS – Certified Forensic Computer Examiner (CFCE) (Expired)
02/2008 EnCE – OpenText/Guidance Software EnCase Certified Computer Examiner
3/2008 IACIS – Certified Electronic Evidence Collection Specialist

Digital Forensics Professional Training

National White Collar Crime Center (NW3C)

12/2025 Expert Witness Training, Ft. Belvoir, VA – 40 hours

DC3 Cyber Training Academy

05/2025 Cyber Incident Responders Course (CIRC) – 80 Hours
04/2025 Windows Forensic Examiner (WFE) – 40 Hours
04/2025 Introduction to Networks and Computer Hardware (INCH) – 40 Hours

MAGNET FORENSICS

12/2024 Advanced Mobile Examinations (AX300) – 40 Hours

SANS

04/2024 SANS FOR608 Enterprise-Class Incident Response & Threat Hunting, Remote – 36 Hours
06/2023 SANS FOR509: Enterprise Cloud Forensics and Incident Response, Remote – 36 Hours
10/2015 SANS FOR508 Advanced Computer Forensic Analysis and Incident Response, Tysons Corner, VA – 36 hours

Guidance Software

09/2016 Guidance Software's Incident Investigation, Dulles, VA – 32 Hours
09/2016 Guidance Software's Host Intrusion and Methodology, Dulles, VA – 32 Hours
08/2016 Guidance Software's Cyber Security and Analytics, Pasadena, CA – 32 Hours
07/2016 Guidance Software's eDiscovery training, Dulles, VA July 2016 – 32 Hours
09/2017 Guidance Software's Encase 7 Advanced Computer Forensics, Chicago, IL – 32 Hours
11/2012 Guidance Software's Macintosh-Linux Examinations Course, Dulles, VA – 32 Hours
05/2009 Guidance Software's Computer and Enterprise Investigations Seminar, Orlando, Florida – 32 Hours
10/2007 EnCase® Advanced Computer Forensics Training, Sterling, VA – 32 Hours
05/2007 EnCase® NTFS Expert Series Computer Forensic training, Sterling, VA – 32 Hours
03/2007 EnCase® Level 2 Computer Forensics training, Sterling, VA – 32 Hours
11/2006 EnCase® Level 1 Computer Forensics training, Sterling, VA – 32 Hours

Sumuri

05/2012 Macintosh Forensic Survival Course – Level 1, Santa Cruz, CA – 40 hours

International Association of Computer Investigative Specialists (IACIS)

03/2008 IACIS – Forensic Computer Examiner Training Program, Orlando, Florida – 80 Hours

Employment History

02/2025 – 02/2026

DC3 Cyber Forensics Laboratory

Digital Forensic Examiner - *PERATON – Contractor – Current Clearance*

Performed digital forensic examinations for Major Crimes:

- Working with investigators and prosecutors from federal agencies such as NCIS, OSI and others
- Search Warrant review and compliance
- Analysis of mobile devices, computers, drones, vehicles, cloud artifacts and other electronic media
- Receive and maintains the integrity of evidence
- Independently plans, organizes and devises approaches necessary to obtain useful computer forensic information from the evidence submitted, taking into consideration the requirements established by agency regulation, federal law and the Uniformed Code of Military Justice
- Provide Expert Witness reports and testimony in legal proceedings.

09/2019 – 06/2024

Dell Technologies

Global Forensic and Incident Response Practice Leader

Created the customer-facing forensic and IR practice at Dell on a global scale. Developed methodology for data preservation, investigations, handling of evidence, sanitization of data, and reporting. Counseled client C-Suite members, internal and external counsel on immediate response to data breaches to minimize impact and recover company assets as well as decrypt and sanitize critical data to stay operational. Traveled internationally to train personnel on forensic imaging and lab processes.

Awards:

- Dell Game Changer Award for Innovation & Customer Focus, November, 2019 – Creation of the Global Forensic and IR Practice
- DT Services President's Award from Doug Schmidt
- Numerous Dell Inspire awards

11/2017 – 09/2019

Dell EMC Cybersecurity

Cybersecurity Strategist

Introduced computer forensics to the Dell services product line, starting with 100% recovery of 17 double-encrypted hard drives (Bitlocker and SafeBoot) for a naval client who had been told by three separate data recovery companies that recovery was not possible.

Sole responsibility from the initial proposal to leading and overseeing the global implementation of a new line of customer service offerings to external Dell EMC Cybersecurity clients/customers. These services included:

- Computer Forensics
- Cyber Incident Response investigations
- Data Remediation
- eDiscovery

06/2016 – 09/2017

Guidance Software

Senior Cyber Security Consultant

- Forensic investigations and analysis in a regulated, global banking/investment corporation on an Enterprise level; Installation, configuration and onsite training for clients on Endpoint Security, including:
 - Snapshots of RAM and processes on endpoints to identify rogue processes and network connections;
 - Application of SIEM, Yara rules, Whitelists and Blacklists for the identification of malware;
- Installation, configuration and onsite training for clients on EnCase eDiscovery for global collections, including:
 - Enterprise planning to be compliant with international privacy laws.

03/2012 – 06/2016

Kroll Cyber Security

Director, Cyber Investigations December 2013 – June 2016

Managing Consultant March 2012 – December 2013

- Onsite consulting and forensic investigation of fatal airplane accidents, including:
 - Identification, collection, and preservation of electronic artifacts in plane wreckage such as computers and their components, hard drives, cellphones and related data cards, GPS devices, video recording devices;
 - Scope and develop protocols for analysis and review of recovered/preserved devices/media;
 - Recovery of data from preserved devices/media and analysis to determine if content is germane to the accident investigation;
- Scope, develop methodology, and implement file search and remediation for projects. This has included a large-scale operation for a multi-national corporation in a divestiture proceeding, with onsite collection and analysis in the United Kingdom, Spain, India and Australia. Established as one of the leading experts in the world on data remediation;
- Present finding to clients both formally and informally - expert reports, affidavits, certifications, and testimony.

06/2010 – 03/2012

Capsicum Group

Senior Forensic Consultant

- Black Box recovery (sunken ship) setup and analysis in a virtual machine for client and expert review of data;
- Onsite consulting both nationally and internationally with clients to review their needs to determine and implement courses of action to meet those requirements:
 - Wiretapping and network intrusion consulting – Kiev, Ukraine;
 - Onsite consulting with client paralegals using virtual machines for accounting review of firm's books for SEC investigation;
 - File and email remediation and wiping
 - Onsite review, imaging and preservation of legacy accounting systems for SEC suits as well as collections of systems used off-site via Citrix;
 - Onsite file remediation on live systems with real-time reporting/decision making to both parties in the litigation;
 - Onsite consulting work with CEO and CFO of financial company to determine which employees were providing inside information to a competing company;

11/2006 – 06/2010

Kroll Ontrack

Computer Forensic Engineer

- Forensic Lab Administrator
- Onsite consulting with clients to review their needs to determine and implement courses of action to meet those requirements:
 - Onsite review and confidentiality filtering of client files and emails on live systems and virtual servers to attorneys for the purpose of discovery – preserved integrity of Top-Secret files;
 - Onsite review of large hedge fund company's IT and employee structure to determine the best method for performing active collections and computer images to comply with federal subpoenas. First collections were covert and on an international scale. Subsequent collections extended to all employees. This work resulted in the client continuing to use Kroll Ontrack to this date for data preservation and all e-Discovery collections;
 - Onsite malware processing of RAM and collection from systems for analysis;

- Enhanced onsite active collections at a large pharmaceutical company that streamlined the collection process and substantially reduced the amount of time necessary, while increasing the reliability of the collection. This practice is still in use today at KLDDiscovery.

08/1999 – 11/2006

Executive PC Support

Consultant

- Provided computer and network design, troubleshooting and repair service for a variety of clients ranging from small businesses to home users;
- Extensive experience with wireless operations, data recovery, hard drive and component diagnostics, data migration, virus and spyware removal as well as general computer maintenance and repair;
- Designed a “dial-in” ISP utilizing POTS lines and ISDN connections to NT servers granting subscribers Internet access through a corporate T1 line

02/1984 – 01/1999

Montgomery Township Police

Police Officer / Acting Sergeant

- Trained new recruits and performed community relations function with local school system.
- Researched and developed department policy and procedure for selection and purchase of initial mobile data terminals (MDTs) for police vehicles.
- As sergeant, responsible for shift scheduling, patrol vehicle maintenance, personal training and discipline, and feedback after review of proposed General Orders.
- Was responsible for research, development of policy and procedures, and training of personnel for the handling of incidents where personnel are exposed to the HIV virus.

11/1981 – 02/1984

Trenton State College Campus Police

Police Officer

- Patrol, criminal investigation, shift supervision.

Presentations/Publications/Training Performed

- 03/2023 Five-day forensic imaging and data sanitization workshop training for Dell employees, Limerick, Ireland
- 10/2012 HB Gary Responder Pro RAM Analysis, Eden Prairie, MN
- 11/2008 Remote Forensic Imaging and Data Collection, Eden Prairie, MN
- 10/2007 Active Data Collections, Eden Prairie, MN

Experience with Computer Forensics Examinations/Procedures

Approximate number of electronic evidence cases/jobs

- Over 2,200

Approximate number of pieces of media imaged

- Over 7,500

Approximate number of pieces of media examined for potential evidence

- Over 6,500

Education

05/1982

Bachelor of Science: Criminal Justice

Minor: Psychology

The College of New Jersey (Trenton State College)

New Jersey Police Training Commission, Police Officer, June, 1982

Law Enforcement experience:

- Provided expert testimony as a Breathalyzer Operator
- Provided expert testimony as a Doppler Radar operator
- Provided affidavit testimony for Search Warrant applications and returns before Superior Court Judges
- Provided testimony for criminal investigations before Somerset County Grand Jury in support of Indictments
- Testified in over 200 municipal traffic hearings – including testimony regarding accident investigation and conclusions
- Testified in over 20 cases in Superior Court for Criminal trials

N.J. State Police Training

05/1991	Driving While Intoxicated / Field Sobriety Testing
10/1985	Driving While Intoxicated
02/1985	Breathalyzer certification
05/1983	Sex Crimes Investigation & Analysis
04/1983	Evasive Driving
08/1982	Criminal Investigation

Somerset County Police Academy

10/1989	Domestic Violence, October 1989
09/1987	Crime Prevention, September 1987
06/1987	Eastman Kodak, Crime Scene Photography, June 1987

International Association of Bomb Technicians and Investigators (I.A.B.T.I.)

10/1984	Advanced explosives and terrorist activities
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06/1989	Licensed helicopter pilot , Robinson R22 helicopter
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Professional Association of Diving Instructors

- Open Water Diver and Rescue Diver, 1981-1982