

A senior cybersecurity and data analytics expert with written and oral testifying experience and a proven track record of getting things done.

Career Summary

Bitscope Consulting, LLC *Director of Cybersecurity* *2004 – Present*

Bitscope offers cyber security services including incident response, cyber readiness and risk management. Bitscope Consulting has been providing security, digital forensics and enterprise development and deployment services for over a decade.

Founded and led by Certified Ethical Hacker, Charlie Platt, Bitscope Consulting has provided services to both large government organizations as well as small to mid-size commercial companies. Charlie brings over 25 years of experience in the IT industry, including over a decade in cyber-security and digital forensics. Bitscope services include Virtual CISO, Incident Response and Cyber Assessment programs.

Intelligent Discovery Solutions *Director* *2014 – 2017*

Managed teams of incident response and forensic investigation professionals for large US and international projects involving cyber incident response, multi-million-dollar class action litigation and small high profile internal investigations. Clients ranged from small, independent firms to fortune 10 companies. Responsibilities included speaking nationally on topics related to digital forensics and cyber security, publishing thought leadership articles and working with clients to set cyber policy and educate senior leadership.

LECG, LLC *Managing Consultant - DC Digital Forensics Lab Manager* *2004 – 2006*

Held the position of Managing Consultant - DC Digital Forensics Lab Manager, with primary responsibilities including: project management, proposal development, digital forensics, forensics lab management, software development and providing consulting services. Consulting services included digital forensics / e-discovery consulting and project management for the legal industry. Software development includes development of applications and utilities to assist and manage e-discovery projects primarily using Visual Studio, .NET, C# and SQL Server.

FTI Consulting *Sr. Consultant* *2004*

Held the position of Sr. Consultant with responsibilities including: forensic investigations, maintaining the FTI Forensics Lab, data and systems analysis and providing guidance to junior consultants. Projects ranged from large-scale forensics investigations to complex intellectual property and systems analysis cases. In addition to my day-to-day responsibilities, while at FTI I was responsible for the development of a Delphi based forensics conversion tool for exporting large enterprise-size Lotus Notes email environments into HTML for attorney review and production purposes.

Additional Employment History *1991 – 2004*

Gelco Information Network	Sr. Consultant	2003 – 2004
Interknowledgies, Inc.	Sr. Developer	2000 – 2002
Himes Technology Consulting	Sr. Developer	1998 – 2000
Litton Enterprise Solutions	Principal Consultant	1995 – 1998
First Union National Bank	Business Systems Analyst	1991 – 1995

Select Project Experience

Government DoD Contractor *Cybersecurity Incident Response Investigation* *2018*

Led the onsite team investigating an alleged internal breach and compromise for a large Department of Defense contractor. Responded to FBI demands and allegations of breach. Worked with client to document corporate infrastructure, defenses and forensic evidence available, acquired and reviewed evidence, developed and tested theories for the incident and delivered an expert report documenting the breach and exposure.

Medical Malpractice Litigation *Medical Records Expert Analysis* *2017-2018*

Testified for plaintiff in an expert role relating to McKesson Medical Records database systems and audit trail data. The court had significant concerns about HIPAA and the expertise required to review medical database records. As a result of deposition and court testimony, the court ordered defendant to provide direct access to medical records systems for our expert review, as well as sanctions ordering defendant to pay a significant portion of the cost of the onsite review. Onsite at defendant's IT offices I reviewed McKesson databases for missing or unproduced audit trail data. The onsite inspection resulted in an expert report and additional deposition testimony on the state of the McKesson records and audit trail data, and I was able to identify and produced additional audit trail data that was previously undisclosed.

<i>Government Contractor</i>	<i>Ransomware Incident Response</i>	2017
Assisted mid-sized government contractor with response to ransomware attack, including expert report and reconstitution of infrastructure post-incident. Successfully recovered critical data and had systems up and running at pre-incident levels in under 72 hours.		
<i>Medical Malpractice Litigation</i>	<i>Medical Records Expert Analysis</i>	2016
Testified for defendant in an expert role relating to McKesson Medical Records database systems and alleged data spoliation. Analyzed metadata and database processes to understand current state of medical records metadata and testified in deposition and provided expert opinions related to the metadata.		
<i>Large Public Utility</i>	<i>PII Exposure and Cyber Investigation</i>	2016
Ran technical team responding to internal investigation into exposure of client PII data. Wrote expert report and provided oral report to corporate officers regarding exposure, including results of investigation into evidence of access or exfiltration of data.		
<i>Private Law Firm</i>	<i>CBI Exposure and Cyber Investigation</i>	2014
Worked with internal IT and third party vendors to investigate exposure of confidential business information related to ongoing litigation for small boutique DC law firm. Provided written testimony and expert report for multiple ongoing matters in front of the International Trade Commission related to exposure, including analysis of any access or exfiltration of confidential data related to each case.		
<i>Fortune 10 Company</i>	<i>Wage and Labor Class Action – Data Analytics</i>	2015-2017
Analyzed and provided expert testimony for eDiscovery and Data Analytics for Fortune 10 company undergoing a large 1,000+ plaintiff class action lawsuit. Provided oral and written testimony related to discovery efforts and data analytics regarding plaintiffs' daily activities and routines.		
<i>Retail Manufacturer</i>	<i>Counterfeit Investigation</i>	2014-2017
Led multi-disciplinary, multi-country team in responding to court order for forensic investigation into counterfeiting allegations. Forensic team onsite in Shenzhen, China performed onsite acquisition, processing and in country review of dozens of laptops, email and file servers and personal devices. Washington, DC and New York City teams performed structured data analytics against SQL Server databases to determine sales volumes and post-lawsuit alteration of sales records. Washington DC team wrote expert report and assisted with subsequent written testimony. Ultimately led to successful spoliation charges and sanctions.		
<i>National Trucking Organization</i>	<i>Spoliation Defense</i>	2015
Led consulting team that solved at 10-year-old mystery related to document fraud and spoliation. Two documents had been alleged by plaintiffs to have been altered maliciously post-lawsuit, including alleged evidence of cover up and altering of meta-data. Our team was able to uncover the truth about the documents, remove any suspicion as to the intent of the individuals, and to explain clearly and precisely how the meta-data was altered and what it meant. Ultimately our analysis led to plaintiffs removing all mention of these documents from court testimony and arguments.		

Certification and Memberships

ISSMP - Information Systems Security Management Professional	ISC2	2017
CISSP - Certified Information Systems Security Professional	ISC2	2017
EnCE - EnCase Certified Examiner	Guidance Software	2016
CEH - Certified Ethical Hacker	EC-Council	2015
Phi Kappa Phi	Honor Society	2013
EnCE - EnCase Certified Examiner (Expired 2009)	Guidance Software	2006
A+ Certified	CompTIA	2005
Network+ Certified	CompTIA	2005
MCDBA - Microsoft Certified DBA	Microsoft	2004
MCP - Microsoft Certified Professional	Microsoft	2004
C/C++ Certified Developer	George Washington University	2002
Sun Certified Java Programmer (Expired)	Sun	2002
PCLP - Principal Certified Lotus Professional	IBM/Lotus	2002

Education

MS in Management of Secure Information Systems	George Mason University	2013
Introduction to Criminal Investigations	George Washington University	2
Introduction to Criminal Procedure	George Washington University	2005
Project Management for Software Development	Learning Tree	2003
C/C++ and Unix Systems Development	George Washington University	2002
BS in Computer Information Systems	Roanoke College	1992

Board Membership

Browne Academy Board of Trustees	Chair, Cybersecurity Committee	2010 to Present
Wildfell, Ltd.	Treasurer and Vice President	2005 to Present
Platt & Co.	Director and Vice President	2000 to Present
Platt Foundation	Director	2002 to 2017

Recognition & Awards

Happy Buddha Award	Intelligent Discovery Solutions	2015
Outstanding MSIS Student Class of 2013	George Mason University	2013
You Make Gelco Rock Award	Gelco Information Network	2003

Select Speaking and Training Events

Data Breach and Incident Response	TGCI, Data Privacy and Cybersecurity Forum	November 2017
Careers in Cybersecurity	Flint Hill High School	October 2017
Breach Response Best Practices	Small Business Cybersecurity Xchange	October 2017
Argyle – Data and Efficiency in Litigation	Argyle Chief Legal Office Forum	June 2017
IoT Data Analytics	Littler Executive Employer	May 2017
A Lawyer's Introduction to Computers	Temple Law School	January 2017
Outsourcing Big Data to the Cloud	TGCI, Data Privacy and Cybersecurity Forum	November 2016
IoT: Content is the New Context	Organization of Legal Professionals, Webinar	November 2016
The IoT and Litigation	The Masters Conference, Panel Moderator	October 2016
Forensics and the Rise of Google Docs	Littler Mendelson	October 2016
A Lawyer's Introduction to Computers	University of Pennsylvania Law School	September 2016
The IoT and Litigation	The Masters Conference, Panel Moderator	July 2016
The IoT:IoT and Relational Analytics	Metropolitan Corporate Counsel Webinar	June 2016
The IoT and Litigation	The Masters Conference	May 2016
Practicing Law in the Cloud	Pennsylvania Bar Association	January 2016
A Lawyer's Introduction to Computers	American University Law School	January 2016
Structured Data Discovery	The Knowledge Group Webinar	December 2015
Breach Response: What Do I Do Now?	TGCI, Data Privacy and Cyber Security Forum	November 2015
Digital Forensics for Attorneys	Temple University	January 2015
Implementing Systems at the National Zoo	George Mason University	March 2014
Securing the Academy, IT Strategic Security Plan	Browne Academy	June 2013
Digital Forensics and Security	George Mason University	February 2013

Select Publications

Java Mail Metadata Analysis	Digital Forensics Magazine	November 2017
The Ethical Hacker – Ransomware Protection	Metropolitan Corporate Counsel	May 2017
The Ethical Hacker – Great Employee or Insider Threat	Metropolitan Corporate Counsel	May 2017
Technically Speaking, Cyber Security isn't About Speaking Technically	Metropolitan Corporate Counsel	April 2017
Field Notes: Leveraging IoT Data Isn't a Budget Killer	Metropolitan Corporate Counsel	March 2017
The Ethical Hacker – I Got 99 Problems, But No Data Ain't One	Metropolitan Corporate Counsel	January 2017
IoT Data: Objective, Consistent and Pervasive	Metropolitan Corporate Counsel	December 2016
Ten Key Legal Considerations for Cloud Solutions	Metropolitan Corporate Counsel	November 2016
Data Analytics: How Parties Are Using Tools Beyond TAR	Law360	November 2016
Metadata Analysis in Email	Digital Forensics Magazine	May 2016
Big Data Yields Big Results	Metropolitan Corporate Counsel	May 2016

Select Publications (cont.)

Data Breach & Incident Response	Metropolitan Corporate Counsel	February 2016
A Brief Legal History of Time, pt. 2	Bloomberg BNA	February 2016
A Brief Legal History of Time, pt. 1	Bloomberg BNA	January 2016
The Most Crucial Time During a Data Breach	Bloomberg BNA	January 2016
Structured What? Leveraging structured data	Metropolitan Corporate Counsel	November 2015
A Lawyer's Introduction to Computers	Temple Law School	January 2017

Testifying Experience

1. Incident Response Investigation, Expert Report, Confidential Client, April 2018.
2. Structured Data Analysis – Medical Records, deposition testimony, Culpepper v. Wellstar Kennestone, State Court of Dekalb County, GA, Case No. 15A54645E7, January 2018.
3. Forensic Analysis of Laptop, affidavit, Gondolier Properties, LLC et. al. v. Joellen Tilseth, Don Tilseth, et. al., State Court of Lee County, FL, Case No. 16-CA-1206.
4. PeopleSoft Database Forensics – declaration, Kohl's, Private Investigation, November 2017.
5. Structured Data Analysis – Medical Records, Expert Report, Culpepper v. Wellstar Kennestone, State Court of Dekalb County, GA, Case No. 15A54645E7, September 2017.
6. Electronic Discovery and Forensics, declaration, Digital Assurance Certification, LLC v. Alex Pendolino, Jr., US District Court, Middle District of Florida, September 2017.
7. Structured Data Analysis – Medical Records, court hearing testimony, Culpepper v. Wellstar Kennestone, State Court of Dekalb County, GA, Case No. 15A54645E7, August 2017.
8. Structured Data Analysis – Medical Records, deposition testimony, Culpepper v. Wellstar Kennestone, State Court of Dekalb County, GA, Case No. 15A54645E7, May 2017.
9. Source Code Versioning System Forensics, declaration, Sotera Wireless, Inc. Debtor, US Bankruptcy Court, Southern District of California, Case No. 16-05968-LT11, January 2017.
10. USB Device Analysis, declaration, Digital Assurance Certification, LLC v. Alex Pendolino, Jr., US District Court, Middle District of Florida, January 2017.
11. Structured Data Analysis, deposition testimony, Ruchotzke v. Methodist Medical Center, Circuit Court, Tenth Judicial Circuit, Peoria County, IL, Case No. 13-L-78, September 2016.
12. Expert Report on Cybersecurity Breach Response, Government Contractor, Ransomware and Remote Desktop Breach, April 2016.
13. Expert Report on Results of Cybersecurity Exposure, Public Utility, July 2015.
14. Collection and Processing of Email from Webmail Systems, declaration, Maddy et al v. General Electric Company, US District Court, District of New Jersey, Case No. 14-cv-00490-JEI-KMW, August 2015.
15. Cost of Collecting and Processing of Email, declaration, Maddy et al v. General Electric Company, US District Court, District of New Jersey, Case No. 14-cv-00490-JEI-KMW, November 2015.
16. Preservation of Structured Data, declaration, Maddy et al v. General Electric Company, US District Court, District of New Jersey, Case No. 14-cv-00490-JEI-KMW, December 2015.
17. Preservation of Structured Data, deposition testimony, Maddy et al v. General Electric Company, US District Court, District of New Jersey, Case No. 14-cv-00490-JEI-KMW, December 2015.
18. Expert Report on Cybersecurity Breach Response, Multiple Related Cases, United States International Trade Commission, September 2014.