LexVid Services, Inc., Presents:

Cell Phone Forensics

Total: **62 Minutes**

Speakers:
Lars Daniel

Description/Table of Contents

With billions of cell phones in the world and millions of phone applications, the amount of evidence created by cell phones can be daunting. This program will explain the common types of evidence that can be recovered from cell phones, including deleted data. Some evidence types that will be discussed include location information, text messages, multimedia, voice mails, cloud backups, and more. Real life case examples will be used to illustrate how evidence recovered from cell phones can be used in cases and investigations. The proper methods to forensically acquire cell phone evidence will be covered as well as how evidence can be challenged in court.

- Cell phone evidence collection and acquisition – (10 min.)
- Evidence analysis and examination (16 min.)
- Cell phone location evidence (6 min.)
- Challenging the evidence (10 min.)
- Spoofing evidence (8 min.)
- Case studies (12 min.)

Total: 62 minutes

Presenter: Lars Daniel

Lars is an EnCase Certified Examiner (EnCE), a Cellebrite Certified Operator (CCO), a Cellebrite Certified Physical Analyst (CCPA), a Certified Wireless Analyst (CWA), Certified IP Telecom Network Specialist (CIPTS), a Certified Telecommunications Network Specialist (CTNS) and Certified Telecommunications Analyst (CTA). Lars has worked on cases throughout the United States and has provided forensic services in hundreds of criminal and civil cases. He is the co-author of the book, “Digital Forensics for Legal Professionals,” 2011, Syngress, and the book “Digital

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Forensics Trial Graphics: Teaching the Jury through Effective Use of Visuals”, Academic Press, 2017. Lars has qualified as an expert in state and federal courts. He has qualified as a computer forensics expert, a cell phone forensics expert, a digital forensics expert, a photo forensics expert, and as a video forensics expert. Lars provided training in digital forensics and has taught continuing legal education (CLE) classes throughout the United States. He has also presented twice at the CEIC (Computer Enterprise Investigations Conference) in the years 2011 and 2013, and at the Enfuse digital forensics conference in 2016. EDUCATION Bachelor of Arts, Philosophy, 2008 University of North Carolina, Pembroke, NC President of Honors Society and accumulated 29 credit hours in Fine Art, Digital Art and Media Integration. BOOKS PUBLISHED Digital Forensics for Legal Professionals: Understanding Digital Evidence from the Warrant to the Courtroom, 2011, Syngress Publishing ISBN-10: 159749643X Digital Forensics Trial Graphics: Teaching the Jury through Effective Use of Visuals, 2017, Academic Press ISBN-10: 0128034831 ARTICLES PUBLISHED Cellphone Forensics in Distracted Driving Cases Attorney at Law Magazine: North Carolina Triangle, Vol. 5 No. 2 Digital Forensics in Employee Wrongdoing Cases Attorney at Law Magazine: North Carolina Triangle Vol. 6 No. 1

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