


Evidence Solutions, Inc.
&
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&
**American Academy of Matrimonial
Lawyers**
Phoenix Arizona Divorce Conference
Present:
Electronic Evidence
October 2015



**American Academy of Matrimonial
Lawyers Arizona Divorce Conference**

**Marital Issues & Divorces are Fueling
Spy Technology Sales**

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- Almost Everything: from the character of the user to their interests, activities, financial health, acquaintances and more.
- Collected from their life online: applications, email systems, web browsers and free space.
- The details from their life, outlook, intelligence and interactions are as individual as any fingerprint.
- All Public & Private business transactions, communications with accomplices, fraud indicators and much more are frequently available.

What can data Forensics Tell Us?



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- Hiding / Finding Assets
- Overseas Accounts
- Investment Accounts
- Disposal of Assets
- Immoral Activities
 - Sex
 - Drugs
 - Drinking

General Uses



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- Illicit affairs
- Gambling
- Schedules – missing kids events
- Surveillance of spouse activities
- Pre-divorce Planning
- Manipulation of Finances

General Uses



- Keyloggers
- GPS devices
- Spyware
- Planting of contraband
- Remote access to
 - Computers
 - Email
 - etc

Hazards



- Cyberstalking
- Cyberharrassment
- Social Media

Hazards



- All known devices
 - Computers
 - Cell phones
 - Tablets
 - Backup drives

Getting Started



- Cell Phones & Tablets
 - Text messages
 - Photos?
 - GeoTagging
 - Calendars
 - Phone Books
 - Call Logs
 - Complete information about where the phone has been....

Portable Sources of Evidence



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- Monitor / Record Calls
- Record Surroundings
- SMS & MMS
- GPS Location
- Internet Use
- Remote Access to:
 - Calendar
 - Contacts
- Instant Messages
- Photos & Videos
- Turn on Camera & Microphone
- Remote Control

Cell Phone Spying Software



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- GPS
 - Built into the car
 - Stand alone
 - Yes they can be attached to a car and report back everywhere the car has been
 - Active
 - Passive

Beware: GPS



GPS Tracking Devices





GPS Tracking Devices



- Keyloggers
- Spying software
 - Computers
 - Cell Phones
- Hidden Cameras

Beware



- KeyLogger Pro
- Spyrix Free Keylogger

- Can be installed and then hidden
- Send keystrokes elsewhere
 - Including Web Addresses & Passwords

- Financial Institutions, Dating Sites, Social Media, Etc

Keyloggers



Spying Equipment





PLUGS INTO
USB PORT

MODE SWITCH
(1, 2, 3)

Spying Equipment



Spying Equipment






Spying Equipment




Spying Equipment






Spying Equipment



- Can send video to remote locations
- Can record video for later download
- Can store video on the Internet

Spying Equipment





Spying Equipment



- Voice Records have similar functionality to Video Devices

Spying Equipment



- **Anti-Spy Technology**
 - Some of these companies also offer “Counter Surveillance” technology including:
 - Bug Detectors
 - Phone Tap Detectors
 - Audio Jammers
 - Voice Changers

Anti-Spying Equipment



- **Data Wiping, File Wiping, Data Scrubbing or Hard Disk Drive Wiping Utilities (Data Shredding):**
 - These software applications are used to permanently and completely destroy electronic data from Data Storage Devices making it unrecoverable.

Beware Wiping Software



- Eraser 6
- DBAN (Darik's Boot and Nuke)
- CBL Data Shredder
- ErAce
- HDShredder Free Edition
- HDDErase
- MHDD
- KillDisk
- Format Command With Write Zero Option
- Macrorit Disk Partition Wiper
- Eraser
- Freeraser
- Disk Wipe
- Hardwipe
- Secure Eraser
- PrivaZer
- PC Shredder
- AOMEI Partition Assistant Standard Edition
- Remo Drive Wipe
- CCleaner

Beware Wiping Software



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- Ownership
- Invasion of privacy
- Time is of the essence

Other things...



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- SpygearGadgets.com
- SpyTecInc.com
- SpyEmporium.com

Resources



- One site that sells some Spy Equipment:
 - “... all you have to do is obtain permission from the phone’s owner/user, install a small application on the phone ...”
 - Then you can monitor their whereabouts, track them by GPS, read their email, and read their text messages.
 - Warning: The description stops short of warning the purchaser to check local laws or consult an attorney prior to purchase or use.

Warning!!!



- Meta Data is Everywhere
 - – it can tell a much different story than the data
- How does a lawyer know when to call for help?
 - - upfront a consultant can steer an attorney in the right direction
 - - data that looks suspicious


What to do/How to do it

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